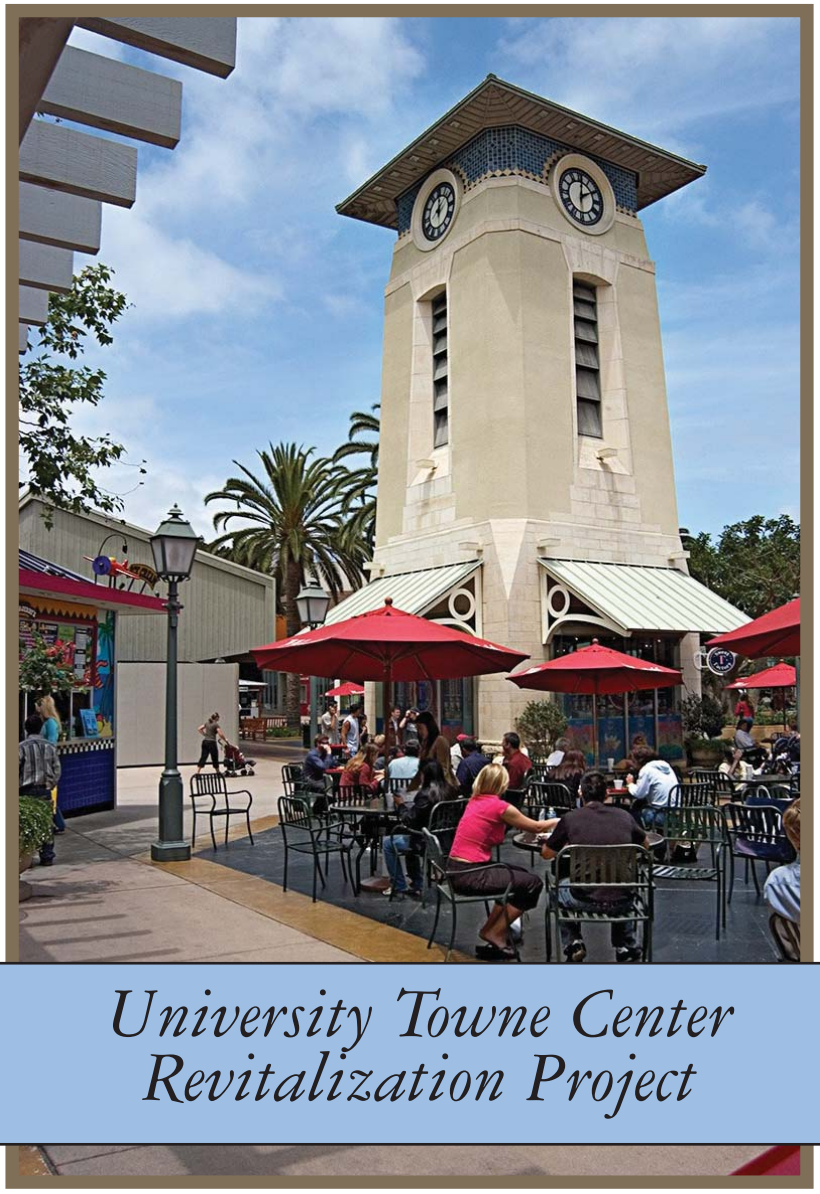
Technical Appendix C:
Air Quality Calculations

to the

Final Environmental Impact Report



University Towne Center Revitalization Project

SCH No. 2002071071 LDR No. 41-0159/PTS No. 2214

Prepared By:
HELIX Environmental Planning, Inc
7578 El Cajon Boulevard, Suite 200, La Mesa, California 91941

Prepared For:
Westfield Corporation
402 West Broadway, Suite 2050, San Diego, California 92101

March 2008

Table C-1
Construction Heavy Equipment Emissions
University Towne Centre

YEAR: 2000

Equipment	FUEL	HP	Load Factor	Emission Factors CO2 (lb/bhp-hr)	CO (lb/bhp-hr)	VOC (lb/bhp-hr)	NOX (lb/bhp-hr)	SOX (lb/bhp-hr)	PM10 (lb/bhp-hr)	No of Equipment	Hrs Per Day	Months in Service	Emissions CO lbs/day	VOC lbs/day	NOX lbs/day	SOX lbs/day	PM10 lbs/day	CO2 lbs/day	Emission, tons (total) CO tons (total)	VOC tons (total)	NOX tons (total)	SOX tons (total)	PM10 tons (total)	CO2 tons (total)
Phase 1																								
D-8 Crawler Dozer	DIESEL	356	59	1.25223219	2.0283E-03	7.0548E-04	1.3779E-02	1.0800E-05	3.3070E-04	1	8	5	3.41	1.19	23.15	0.02	0.56	2104.15	0.222	0.077	1.505	0.001	0.036	136.770
966 Loaders	DIESEL	147	54	1.25223219	5.9525E-03	1.4992E-03	1.8012E-02	1.0800E-05	8.3776E-04	1	8	5	3.78	0.95	11.44	0.01	0.53	795.22	0.246	0.062	0.743	0.000	0.035	51.689
Crane	DIESEL	194	43	1.25223219	2.0283E-03	7.0548E-04	1.3779E-02	1.0800E-05	3.3070E-04	1	8	13	1.35	0.47	9.20	0.01	0.22	835.69	0.229	0.080	1.554	0.001	0.037	141.232
637 Scraper	DIESEL	266.8	66	1.25223219	2.0283E-03	7.0548E-04	1.3779E-02	1.0800E-05	3.3070E-04	1	8	5	2.86	0.99	19.41	0.02	0.47	1763.76	0.186	0.065	1.261	0.001	0.030	114.644
Paver	DIESEL	91	59	1.25223219	7.6942E-03	2.1826E-03	1.9291E-02	1.0800E-05	1.5212E-03	1	8	13	3.30	0.94	8.29	0.00	0.65	537.86	0.559	0.158	1.400	0.001	0.110	90.898
Roller Compactor	DIESEL	99	57.5	1.25223219	7.6942E-03	2.1826E-03	1.9291E-02	1.0800E-05	1.5212E-03	2	8	13	7.01	1.99	17.57	0.01	1.39	1140.53	1.184	0.336	2.969	0.002	0.234	192.750
													21.711	**6.527**	**89.050**	**0.062**	**3.813**		**2.625**	**0.777**	**9.434**	**0.006**	**0.483**	**727.983**
Phase 2																								
Excavators	DIESEL	56	58	1.25223219	7.6942E-03	2.1826E-03	1.9291E-02	1.0800E-05	1.5212E-03	2	8	12	4.00	1.13	10.02	0.01	0.79	650.76	0.624	0.177	1.564	0.001	0.123	101.519
Other Equipment	DIESEL	161	62	1.25223219	5.9525E-03	1.4992E-03	1.8012E-02	1.0800E-05	8.3776E-04	2	8	12	9.51	2.39	28.77	0.02	1.34	1999.97	1.483	0.374	4.488	0.003	0.209	311.995
966 Loaders	DIESEL	147	54	1.25223219	5.9525E-03	1.4992E-03	1.8012E-02	1.0800E-05	8.3776E-04	1	8	12	3.78	0.95	11.44	0.01	0.53	795.22	0.590	0.149	1.784	0.001	0.083	124.054
Tractor/Loader/Backhoe	DIESEL	77	46.5	1.25223219	7.6942E-03	2.1826E-03	1.9291E-02	1.0800E-05	1.5212E-03	1	8	12	2.20	0.63	5.53	0.00	0.44	358.69	0.344	0.098	0.862	0.000	0.068	55.956
													19.489	**5.106**	**55.756**	**0.033**	**3.096**		**3.040**	**0.797**	**8.698**	**0.005**	**0.483**	**593.523**

Fugitive Dust

	Tons/cy	Excavation	Export	Total Material Handling, lbs PM10	Total Dumping and Spreading, lbs PM10	Total per day (180 days)
Phase 1	1.6	190000	167000	6703.20	2424.84	50.71
Phase 2		453000	425000	15981.84	6171.00	123.07

Table C-2
Construction Worker Commute Emissions
University Towne Centre

Construction Worker Estimates and Emission Calculations

Per Table A9-17, SCAQMD CEQA Air Quality Handbook, the number of construction workerrs is estimated by E = FxGxH/1E6 xI or GxH/1E6 x I where F,G,H,I in Tables A9-17A through A9-17C.

Construction Phase	E	F	G	H	I
Phase 1 Construction	185.3767002	1138475	45.15	9.2	0.392
Phase 2 Construction	78.3418272	55.7	390000	9.2	0.392

PM10

Emissions, lbs/day

Emissions, total tons

VOCs

Construction Phase	Vehicle Class	No. of Workers Per Construction Phase	Speed (mph)	VMT (mi/vehicle day)	CO Running Exhaust (g/mi)	CO Start-Up (g/start)[a]	NO_x Running Exhaust (g/mi)	NO_x Start-Up (g/start)[a]	Running Exhaust (g/mi)	Start-Up (g/start)[a]	Hot-Soak (g/trip)	Resting Loss (g/hr)	Running Evaporative (g/mi)	Diurnal Evaporative (g/hr)	SOx Running Exhaust (g/mi)	SOx Start-Up (g/start)[a]	Running Exhaust (g/mi)	Start-Up (g/start)[a]	Tire Wear (g/mi)	Brake Wear (g/mi)	CO Running Exhaust (g/mi)	CO Start-Up (g/start)[a]	CO	NOx	VOCs	SOx	PM10	CO2	CO2
Phase 1 Site Preparation and Grading	Light-duty truck, catalyst	185	33	44	3.116	11.877	0.289	0.593	0.059	0.869	0.175	0.024	0.047	0.054	0.004	0.002	0.011	0.015	0.008	0.013	452.371	194.375	*65.61*	*5.67*	*2.96*	*0.07*	*0.59*	*8276.68*	*1398.759*
Phase 2 Site Preparation and Grading	Light-duty truck, catalyst	80	33	44	3.116	11.877	0.289	0.593	0.059	0.869	0.175	0.024	0.047	0.054	0.004	0.002	0.011	0.015	0.008	0.013	452.371	194.375	*28.37*	*2.45*	*1.28*	*0.03*	*0.25*	*3579.10*	*604.8686*
Assume startup after 8 hours																												**11855.78**	**2003.63**

Assume 45 minutes run time total
2008 Emission Factors from EMFAC2007

Table C-3
Construction Truck Traffic Emissions
University Towne Centre

Phase 1

Construction Phase	Vehicle Class	No. of Trucks Per Construction Phase	Speed (mph)	VMT (mi/vehicle-day)	CO Running Exhaust (g/mi)	NO_X Running Exhaust (g/mi)	VOCs Running Exhaust (g/mi)	SOx Running Exhaust (g/mi)	PM10 Running Exhaust (g/mi)	Tire Wear (g/mi)	Brake Wear (g/mi)	CO2 Running Exhaust (g/mi)	Emissions, lbs/day CO	NOx	VOCs	SOx	PM10	CO2	Emissions, total tons CO2
Concrete/Delivery Trucks	Heavy-duty truck	100	25	19.2	7.403	17.839	1.469	0.02	0.844	0.036	0.028	1992.661	*31.34*	*75.51*	*6.22*	*0.08*	*3.84*	*8434.73*	*1425.47*
Haul Trucks	Heavy-duty truck	50	25	9.9	7.403	17.839	1.469	0.02	0.844	0.036	0.028	1992.661	*8.08*	*19.47*	*1.60*	*0.02*	*0.99*	*2174.58*	*141.35*
													39.41	**94.98**	**7.82**	**0.11**	**4.83**	**10609.31**	**1566.82**

Phase 2

Construction Phase	Vehicle Class	No. of Trucks Per Construction Phase	Speed (mph)	VMT (mi/vehicle-day)	CO Running Exhaust (g/mi)	NO_X Running Exhaust (g/mi)	VOCs Running Exhaust (g/mi)	SOx Running Exhaust (g/mi)	PM10 Running Exhaust (g/mi)	Tire Wear (g/mi)	Brake Wear (g/mi)	CO2 Running Exhaust (g/mi)	Emissions, lbs/day CO	NOx	VOCs	SOx	PM10	CO2	CO2
Haul Trucks	Heavy-duty truck	120	25	9.9	7.403	17.839	1.469	0.02	0.844	0.036	0.028	1992.661	*19.39*	*46.72*	*3.85*	*0.05*	*2.38*	*5218.99*	*814.16*
													19.39	**46.72**	**3.85**	**0.05**	**2.38**	**5218.99**	**814.16**

Distances Calculated using www.mapquest.com: Construction Materials and concrete from Mission Valley (9.6 miles one way); Haul Trucks to Miramar Landfill (4.95 miles one way).

Emission factors from 2008 EMFAC2007, 25 mph, Heavy Duty Diesel truck (HHD)

Table C-4
Architectural Coatings Emissions
University Towne Centre

Calculation Methodology - Table A11-13-D, SCAQMD CEQA Handbook
PHASE 1
Residential
Assumptions

1200 square feet per condominium
2.7 square feet of surface area to be coated per square foot of floor space, 10% painted per month

Residentia	Square Fe	Square Feet - Coated Surface Area	Emission Factor for ROC, lbs/1000 square feet	Total Emissions, tons	Daily Emissions, lbs/day
500	1500	2025000	4.46	4.52	34.74

Assuming architectural coatings meet 150 g/l of VOC content

Retail
2.0 square feet of surface area to be coated per square foot of floor space, 10% painted per month

Commerci	Square Fe	Square Feet - Coated Surface Area	Emission Factor for ROC, lbs/1000 square feet	Total Emissions, tons	Daily Emissions, lbs/day
1	75000	150000	4.46	0.33	25.73

PHASE 2
Residential
Assumptions

1200 square feet per condominium
2.7 square feet of surface area to be coated per square foot of floor space, 10% painted per month

Residentia	Square Fe	Square Feet - Coated Surface Area	Emission Factor for ROC, lbs/1000 square feet	Total Emissions, tons	Daily Emissions, lbs/day
225	1500	911250	4.46	2.03	15.63

Assuming architectural coatings meet 150 g/l of VOC content

URBEMIS Model Runs
Operational Emissions

Page: 1
04/22/2007 12:50 PM

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 1.urb
Project Name: University Towne Center Scenario 1
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Pounds/Day - Summer)

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	14.35	9.15	8.15	0.00	0.02

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	51.18	72.10	613.57	1.12	97.25

SUM OF AREA AND OPERATIONAL EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	65.54	81.25	621.73	1.12	97.27

Page: 2
04/22/2007 12:50 PM

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 1.urb
Project Name: University Towne Center Scenario 1
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Pounds/Day - Winter)

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	14.17	9.14	6.89	0.00	0.02

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	60.02	92.37	689.50	1.12	97.25

SUM OF AREA AND OPERATIONAL EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	74.19	101.50	696.39	1.12	97.27

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 1.urb
Project Name: University Towne Center Scenario 1
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (tpy, unmitigated)	2.44	1.67	1.49	0.00	0.00

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (tpy, unmitigated)	9.88	14.39	116.60	0.20	17.75

SUM OF AREA AND OPERATIONAL EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (tpy, unmitigated)	12.31	16.06	118.08	0.20	17.75

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 1.urb
Project Name: University Towne Center Scenario 1
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
(Pounds/Day - Winter)

AREA SOURCE EMISSION ESTIMATES (Winter Pounds per Day, Unmitigated)

Source	ROG	NOx	CO	SO2	PM10
Natural Gas	0.67	9.14	6.89	0	0.02
Hearth	0.00	0.00	0.00	0.00	0.00
Landscaping - No winter emissions					
Consumer Prdcts	9.87	-	-	-	-
Architectural Coatings	3.63	-	-	-	-
TOTALS(lbs/day,unmitigated)	14.17	9.14	6.89	0.00	0.02

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	SO2	PM10

Condo/townhouse high rise	5.02	7.45	57.31	0.09	7.87
Regnl shop. center	55.00	84.92	632.18	1.03	89.38
TOTAL EMISSIONS (lbs/day)	60.02	92.37	689.50	1.12	97.25

Does not include correction for passby trips.
Does not include double counting adjustment for internal trips.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2020 Temperature (F): 50 Season: Winter

EMFAC Version: EMFAC2002 (9/2002)

Summary of Land Uses:

Unit Type	Acreage	Trip Rate	No. Units	Total Trips
Condo/townhouse high rise	3.91	5.13 trips/dwelling unit	250.00	1,282.00
Regnl shop. center		22.03 trips/1000 sq. ft.	750.00	16,524.00
		Sum of Total Trips		17,806.00
		Total Vehicle Miles Traveled		132,497.48

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	54.40	0.40	99.40	0.20
Light Truck < 3,750 lbs	15.30	0.70	98.00	1.30
Light Truck 3,751- 5,750	16.40	0.60	98.80	0.60
Med Truck 5,751- 8,500	7.30	0.00	98.60	1.40
Lite-Heavy 8,501-10,000	1.10	0.00	81.80	18.20
Lite-Heavy 10,001-14,000	0.30	0.00	66.70	33.30
Med-Heavy 14,001-33,000	1.00	0.00	20.00	80.00
Heavy-Heavy 33,001-60,000	0.80	0.00	0.00	100.00
Line Haul > 60,000 lbs	0.00	0.00	0.00	100.00
Urban Bus	0.20	0.00	50.00	50.00
Motorcycle	1.60	50.00	50.00	0.00
School Bus	0.10	0.00	0.00	100.00
Motor Home	1.50	0.00	93.30	6.70

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	10.8	7.3	7.5	10.8	7.3	7.3
Rural Trip Length (miles)	15.0	10.0	10.0	15.0	10.0	10.0
Trip Speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	27.3	21.2	51.5			
% of Trips - Commercial (by land use)						
Regnl shop. center				2.0	1.0	97.0

Changes made to the default values for Land Use Trip Percentages

The Trip Rate and/or Acreage values for Condominium/townhouse high rise have changed from the defaults 5.26/3.91 to 5.128/3.91

Changes made to the default values for Area

The hearth option switch changed from on to off.
The landscape length of the summer period (in days) changed from 180 to 365.
The landscape year changed from 2005 to 2020.
The consumer product ROG pounds per person changed from 0.0171 to 0.0138.
The residential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.
The nonresidential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.

Changes made to the default values for Operations

The operational emission year changed from 2005 to 2020.
The operational winter temperature changed from 40 to 50.
The operational summer temperature changed from 85 to 75.
The operational summer selection item changed from 7 to 5.
The paved road silt loading factor changed from 0.1 to 0.03.

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 1.urb
Project Name: University Towne Center Scenario 1
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
(Pounds/Day - Summer)

AREA SOURCE EMISSION ESTIMATES (Summer Pounds per Day, Unmitigated)

Source	ROG	NOx	CO	SO2	PM10
Natural Gas	0.67	9.14	6.89	0	0.02
Hearth - No summer emissions					
Landscaping	0.18	0.02	1.26	0.00	0.00
Consumer Prdcts	9.87	-	-	-	-
Architectural Coatings	3.63	-	-	-	-
TOTALS(lbs/day,unmitigated)	14.35	9.15	8.15	0.00	0.02

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	SO2	PM10
Condo/townhouse high rise	5.01	5.80	51.94	0.09	7.87
Regnl shop. center	46.17	66.29	561.63	1.03	89.38
TOTAL EMISSIONS (lbs/day)	51.18	72.10	613.57	1.12	97.25

Does not include correction for passby trips.
Does not include double counting adjustment for internal trips.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2020 Temperature (F): 75 Season: Summer

EMFAC Version: EMFAC2002 (9/2002)

Summary of Land Uses:

	No.	Total

Unit Type	Acreage	Trip Rate	Units	Trips
Condo/townhouse high rise	3.91	5.13 trips/dwelling unit	250.00	1,282.00
Regnl shop. center		22.03 trips/1000 sq. ft.	750.00	16,524.00
		Sum of Total Trips		17,806.00
		Total Vehicle Miles Traveled		132,497.48

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	54.40	0.40	99.40	0.20
Light Truck < 3,750 lbs	15.30	0.70	98.00	1.30
Light Truck 3,751- 5,750	16.40	0.60	98.80	0.60
Med Truck 5,751- 8,500	7.30	0.00	98.60	1.40
Lite-Heavy 8,501-10,000	1.10	0.00	81.80	18.20
Lite-Heavy 10,001-14,000	0.30	0.00	66.70	33.30
Med-Heavy 14,001-33,000	1.00	0.00	20.00	80.00
Heavy-Heavy 33,001-60,000	0.80	0.00	0.00	100.00
Line Haul > 60,000 lbs	0.00	0.00	0.00	100.00
Urban Bus	0.20	0.00	50.00	50.00
Motorcycle	1.60	50.00	50.00	0.00
School Bus	0.10	0.00	0.00	100.00
Motor Home	1.50	0.00	93.30	6.70

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	10.8	7.3	7.5	10.8	7.3	7.3
Rural Trip Length (miles)	15.0	10.0	10.0	15.0	10.0	10.0
Trip Speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	27.3	21.2	51.5			
% of Trips - Commercial (by land use)						
Regnl shop. center				2.0	1.0	97.0

Changes made to the default values for Land Use Trip Percentages

The Trip Rate and/or Acreage values for Condominium/townhouse high rise have changed from the defaults 5.26/3.91 to 5.128/3.91

Changes made to the default values for Area

The hearth option switch changed from on to off.
The landscape length of the summer period (in days) changed from 180 to 365.
The landscape year changed from 2005 to 2020.
The consumer product ROG pounds per person changed from 0.0171 to 0.0138.
The residential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.
The nonresidential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.

Changes made to the default values for Operations

The operational emission year changed from 2005 to 2020.
The operational winter temperature changed from 40 to 50.
The operational summer temperature changed from 85 to 75.
The operational summer selection item changed from 7 to 5.
The paved road silt loading factor changed from 0.1 to 0.03.

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 1.urb
Project Name: University Towne Center Scenario 1
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
(Tons/Year)

AREA SOURCE EMISSION ESTIMATES (Tons per Year, Unmitigated)

Source	ROG	NOx	CO	SO2	PM10
Natural Gas	0.12	1.67	1.26	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00
Landscaping	0.03	0.00	0.23	0.00	0.00
Consumer Prdcts	1.80	-	-	-	-
Architectural Coatings	0.48	-	-	-	-
TOTALS (tpy, unmitigated)	2.44	1.67	1.49	0.00	0.00

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	SO2	PM10
Condo/townhouse high rise	0.91	1.16	9.81	0.02	1.44
Regnl shop. center	8.96	13.23	106.79	0.19	16.31
TOTAL EMISSIONS (tons/yr)	9.88	14.39	116.60	0.20	17.75

Does not include correction for passby trips.
Does not include double counting adjustment for internal trips.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2020 Season: Annual

EMFAC Version: EMFAC2002 (9/2002)

Summary of Land Uses:

Unit Type	Acreage	Trip Rate	No. Units	Total Trips
Condo/townhouse high rise	3.91	5.13 trips/dwelling unit	250.00	1,282.00
Regnl shop. center		22.03 trips/1000 sq. ft.	750.00	16,524.00
		Sum of Total Trips		17,806.00
		Total Vehicle Miles Traveled		132,497.48

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	54.40	0.40	99.40	0.20
Light Truck < 3,750 lbs	15.30	0.70	98.00	1.30
Light Truck 3,751- 5,750	16.40	0.60	98.80	0.60
Med Truck 5,751- 8,500	7.30	0.00	98.60	1.40

Lite-Heavy	8,501-10,000	1.10	0.00	81.80	18.20
Lite-Heavy	10,001-14,000	0.30	0.00	66.70	33.30
Med-Heavy	14,001-33,000	1.00	0.00	20.00	80.00
Heavy-Heavy	33,001-60,000	0.80	0.00	0.00	100.00
Line Haul >	60,000 lbs	0.00	0.00	0.00	100.00
Urban Bus		0.20	0.00	50.00	50.00
Motorcycle		1.60	50.00	50.00	0.00
School Bus		0.10	0.00	0.00	100.00
Motor Home		1.50	0.00	93.30	6.70

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	10.8	7.3	7.5	10.8	7.3	7.3
Rural Trip Length (miles)	15.0	10.0	10.0	15.0	10.0	10.0
Trip Speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	27.3	21.2	51.5			
% of Trips - Commercial (by land use)						
Regnl shop. center				2.0	1.0	97.0

Changes made to the default values for Land Use Trip Percentages

The Trip Rate and/or Acreage values for Condominium/townhouse high rise have changed from the defaults 5.26/3.91 to 5.128/3.91

Changes made to the default values for Area

The hearth option switch changed from on to off.
The landscape length of the summer period (in days) changed from 180 to 365.
The landscape year changed from 2005 to 2020.
The consumer product ROG pounds per person changed from 0.0171 to 0.0138.
The residential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.
The nonresidential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.

Changes made to the default values for Operations

The operational emission year changed from 2005 to 2020.
The operational winter temperature changed from 40 to 50.
The operational summer temperature changed from 85 to 75.
The operational summer selection item changed from 7 to 5.
The paved road silt loading factor changed from 0.1 to 0.03.

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 2.urb
Project Name: University Towne Center Scenario 2
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Pounds/Day - Summer)

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	34.70	11.38	8.54	0.00	0.02

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	52.76	71.80	616.36	1.12	96.95

SUM OF AREA AND OPERATIONAL EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	87.46	83.19	624.90	1.12	96.97

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 2.urb
Project Name: University Towne Center Scenario 2
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Pounds/Day - Winter)

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	34.52	11.36	7.28	0.00	0.02

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	60.15	92.02	690.44	1.12	96.95

SUM OF AREA AND OPERATIONAL EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	94.67	103.39	697.72	1.12	96.97

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 2.urb
Project Name: University Towne Center Scenario 2
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (tpy, unmitigated)	6.08	2.08	1.56	0.00	0.00

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (tpy, unmitigated)	10.08	14.33	116.99	0.20	17.69

SUM OF AREA AND OPERATIONAL EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (tpy, unmitigated)	16.16	16.41	118.55	0.20	17.70

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 2.urb
Project Name: University Towne Center Scenario 2
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
(Pounds/Day - Winter)

AREA SOURCE EMISSION ESTIMATES (Winter Pounds per Day, Unmitigated)

Source	ROG	NOx	CO	SO2	PM10
Natural Gas	0.85	11.36	7.28	0	0.02
Hearth	0.00	0.00	0.00	0.00	0.00
Landscaping - No winter emissions					
Consumer Prdcts	28.62	-	-	-	-
Architectural Coatings	5.05	-	-	-	-
TOTALS(lbs/day,unmitigated)	34.52	11.36	7.28	0.00	0.02

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	SO2	PM10
Condo/townhouse high rise	14.55	21.61	166.27	0.27	22.84
Regnl shop. center	45.60	70.41	524.16	0.85	74.11
TOTAL EMISSIONS (lbs/day)	60.15	92.02	690.44	1.12	96.95

Does not include correction for passby trips.
Does not include double counting adjustment for internal trips.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2020 Temperature (F): 50 Season: Winter

EMFAC Version: EMFAC2002 (9/2002)

Summary of Land Uses:

Unit Type	Acreage	Trip Rate	No. Units	Total Trips
Condo/townhouse high rise	11.33	5.13 trips/dwelling unit	725.00	3,719.25
Regnl shop. center		22.46 trips/1000 sq. ft.	610.00	13,700.60
		Sum of Total Trips		17,419.85
		Total Vehicle Miles Traveled		132,060.77

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	54.40	0.40	99.40	0.20
Light Truck < 3,750 lbs	15.30	0.70	98.00	1.30
Light Truck 3,751- 5,750	16.40	0.60	98.80	0.60
Med Truck 5,751- 8,500	7.30	0.00	98.60	1.40
Lite-Heavy 8,501-10,000	1.10	0.00	81.80	18.20
Lite-Heavy 10,001-14,000	0.30	0.00	66.70	33.30
Med-Heavy 14,001-33,000	1.00	0.00	20.00	80.00
Heavy-Heavy 33,001-60,000	0.80	0.00	0.00	100.00
Line Haul > 60,000 lbs	0.00	0.00	0.00	100.00
Urban Bus	0.20	0.00	50.00	50.00
Motorcycle	1.60	50.00	50.00	0.00
School Bus	0.10	0.00	0.00	100.00
Motor Home	1.50	0.00	93.30	6.70

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	10.8	7.3	7.5	10.8	7.3	7.3
Rural Trip Length (miles)	15.0	10.0	10.0	15.0	10.0	10.0
Trip Speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	27.3	21.2	51.5			
% of Trips - Commercial (by land use)						
Regnl shop. center				2.0	1.0	97.0

Changes made to the default values for Land Use Trip Percentages

The Trip Rate and/or Acreage values for Condominium/townhouse high rise have changed from the defaults 5.26/11.33 to 5.13/11.33

Changes made to the default values for Area

The hearth option switch changed from on to off.
The landscape length of the summer period (in days) changed from 180 to 365.
The landscape year changed from 2005 to 2020.
The consumer product ROG pounds per person changed from 0.0171 to 0.0138.

The residential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.
The nonresidential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.

Changes made to the default values for Operations

The operational emission year changed from 2005 to 2020.
The operational winter temperature changed from 40 to 50.
The operational summer temperature changed from 85 to 75.
The operational summer selection item changed from 7 to 5.
The paved road silt loading factor changed from 0.1 to 0.03.

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 2.urb
Project Name: University Towne Center Scenario 2
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
(Pounds/Day - Summer)

AREA SOURCE EMISSION ESTIMATES (Summer Pounds per Day, Unmitigated)

Source	ROG	NOx	CO	SO2	PM10
Natural Gas	0.85	11.36	7.28	0	0.02
Hearth - No summer emissions					
Landscaping	0.18	0.02	1.26	0.00	0.00
Consumer Prdcts	28.62	-	-	-	-
Architectural Coatings	5.05	-	-	-	-
TOTALS(lbs/day,unmitigated)	34.70	11.38	8.54	0.00	0.02

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	SO2	PM10
Condo/townhouse high rise	14.53	16.84	150.70	0.27	22.84
Regnl shop. center	38.23	54.97	465.66	0.85	74.11
TOTAL EMISSIONS (lbs/day)	52.76	71.80	616.36	1.12	96.95

Does not include correction for passby trips.
Does not include double counting adjustment for internal trips.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2020 Temperature (F): 75 Season: Summer

EMFAC Version: EMFAC2002 (9/2002)

Summary of Land Uses:

Unit Type	Acreage	Trip Rate	No. Units	Total Trips
Condo/townhouse high rise	11.33	5.13 trips/dwelling unit	725.00	3,719.25
Regnl shop. center		22.46 trips/1000 sq. ft.	610.00	13,700.60

Sum of Total Trips	17,419.85
Total Vehicle Miles Traveled	132,060.77

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	54.40	0.40	99.40	0.20
Light Truck < 3,750 lbs	15.30	0.70	98.00	1.30
Light Truck 3,751- 5,750	16.40	0.60	98.80	0.60
Med Truck 5,751- 8,500	7.30	0.00	98.60	1.40
Lite-Heavy 8,501-10,000	1.10	0.00	81.80	18.20
Lite-Heavy 10,001-14,000	0.30	0.00	66.70	33.30
Med-Heavy 14,001-33,000	1.00	0.00	20.00	80.00
Heavy-Heavy 33,001-60,000	0.80	0.00	0.00	100.00
Line Haul > 60,000 lbs	0.00	0.00	0.00	100.00
Urban Bus	0.20	0.00	50.00	50.00
Motorcycle	1.60	50.00	50.00	0.00
School Bus	0.10	0.00	0.00	100.00
Motor Home	1.50	0.00	93.30	6.70

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	10.8	7.3	7.5	10.8	7.3	7.3
Rural Trip Length (miles)	15.0	10.0	10.0	15.0	10.0	10.0
Trip Speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	27.3	21.2	51.5			
% of Trips - Commercial (by land use)						
Regnl shop. center				2.0	1.0	97.0

Changes made to the default values for Land Use Trip Percentages

The Trip Rate and/or Acreage values for Condominium/townhouse high rise have changed from the defaults 5.26/11.33 to 5.13/11.33

Changes made to the default values for Area

The hearth option switch changed from on to off.
The landscape length of the summer period (in days) changed from 180 to 365.
The landscape year changed from 2005 to 2020.
The consumer product ROG pounds per person changed from 0.0171 to 0.0138.
The residential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.
The nonresidential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.

Changes made to the default values for Operations

The operational emission year changed from 2005 to 2020.
The operational winter temperature changed from 40 to 50.
The operational summer temperature changed from 85 to 75.
The operational summer selection item changed from 7 to 5.
The paved road silt loading factor changed from 0.1 to 0.03.

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 2.urb
Project Name: University Towne Center Scenario 2
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
(Tons/Year)

AREA SOURCE EMISSION ESTIMATES (Tons per Year, Unmitigated)

Source	ROG	NOx	CO	SO2	PM10
Natural Gas	0.16	2.07	1.33	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00
Landscaping	0.03	0.00	0.23	0.00	0.00
Consumer Prdcts	5.22	-	-	-	-
Architectural Coatings	0.67	-	-	-	-
TOTALS (tpy, unmitigated)	6.08	2.08	1.56	0.00	0.00

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	SO2	PM10
Condo/townhouse high rise	2.65	3.36	28.45	0.05	4.17
Regnl shop. center	7.43	10.97	88.54	0.16	13.52
TOTAL EMISSIONS (tons/yr)	10.08	14.33	116.99	0.20	17.69

Does not include correction for passby trips.
Does not include double counting adjustment for internal trips.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2020 Season: Annual

EMFAC Version: EMFAC2002 (9/2002)

Summary of Land Uses:

Unit Type	Acreage	Trip Rate	No. Units	Total Trips
Condo/townhouse high rise	11.33	5.13 trips/dwelling unit	725.00	3,719.25
Regnl shop. center		22.46 trips/1000 sq. ft.	610.00	13,700.60
		Sum of Total Trips		17,419.85
		Total Vehicle Miles Traveled		132,060.77

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	54.40	0.40	99.40	0.20
Light Truck < 3,750 lbs	15.30	0.70	98.00	1.30
Light Truck 3,751- 5,750	16.40	0.60	98.80	0.60
Med Truck 5,751- 8,500	7.30	0.00	98.60	1.40
Lite-Heavy 8,501-10,000	1.10	0.00	81.80	18.20
Lite-Heavy 10,001-14,000	0.30	0.00	66.70	33.30
Med-Heavy 14,001-33,000	1.00	0.00	20.00	80.00
Heavy-Heavy 33,001-60,000	0.80	0.00	0.00	100.00

Line Haul > 60,000 lbs	0.00	0.00	0.00	100.00
Urban Bus	0.20	0.00	50.00	50.00
Motorcycle	1.60	50.00	50.00	0.00
School Bus	0.10	0.00	0.00	100.00
Motor Home	1.50	0.00	93.30	6.70

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	10.8	7.3	7.5	10.8	7.3	7.3
Rural Trip Length (miles)	15.0	10.0	10.0	15.0	10.0	10.0
Trip Speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	27.3	21.2	51.5			
% of Trips - Commercial (by land use)						
Regnl shop. center				2.0	1.0	97.0

Changes made to the default values for Land Use Trip Percentages

The Trip Rate and/or Acreage values for Condominium/townhouse high rise have changed from the defaults 5.26/11.33 to 5.13/11.33

Changes made to the default values for Area

The hearth option switch changed from on to off.
The landscape length of the summer period (in days) changed from 180 to 365.
The landscape year changed from 2005 to 2020.
The consumer product ROG pounds per person changed from 0.0171 to 0.0138.
The residential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.
The nonresidential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.

Changes made to the default values for Operations

The operational emission year changed from 2005 to 2020.
The operational winter temperature changed from 40 to 50.
The operational summer temperature changed from 85 to 75.
The operational summer selection item changed from 7 to 5.
The paved road silt loading factor changed from 0.1 to 0.03.

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 3.urb
Project Name: University Towne Center Scenario 3
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Pounds/Day - Summer)

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	2.88	7.47	7.52	0.00	0.02

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	42.43	60.76	515.01	0.94	81.94

SUM OF AREA AND OPERATIONAL EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	45.31	68.23	522.53	0.94	81.95

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 3.urb
Project Name: University Towne Center Scenario 3
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Pounds/Day - Winter)

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	2.70	7.45	6.26	0.00	0.01

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	50.43	77.84	579.54	0.94	81.94

SUM OF AREA AND OPERATIONAL EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	53.13	85.29	585.80	0.94	81.95

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 3.urb
Project Name: University Towne Center Scenario 3
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (tpy, unmitigated)	0.42	1.36	1.37	0.00	0.00

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (tpy, unmitigated)	8.23	12.13	97.92	0.17	14.95

SUM OF AREA AND OPERATIONAL EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (tpy, unmitigated)	8.65	13.49	99.29	0.17	14.96

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 3.urb
Project Name: University Towne Center Scenario 3
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
(Pounds/Day - Winter)

AREA SOURCE EMISSION ESTIMATES (Winter Pounds per Day, Unmitigated)

Source	ROG	NOx	CO	SO2	PM10
Natural Gas	0.54	7.45	6.26	0	0.01
Hearth	0.00	0.00	0.00	0.00	0.00
Landscaping - No winter emissions					
Consumer Prdcts	0.00	-	-	-	-
Architectural Coatings	2.16	-	-	-	-
TOTALS(lbs/day,unmitigated)	2.70	7.45	6.26	0.00	0.01

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	SO2	PM10
Hotel	6.29	9.63	71.78	0.12	10.15
Regnl shop. center	44.14	68.21	507.77	0.82	71.79
TOTAL EMISSIONS (lbs/day)	50.43	77.84	579.54	0.94	81.94

Does not include correction for passby trips.
Does not include double counting adjustment for internal trips.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2020 Temperature (F): 50 Season: Winter

EMFAC Version: EMFAC2002 (9/2002)

Summary of Land Uses:

Unit Type	Acreage	Trip Rate	No. Units	Total Trips
Hotel		10.00 trips/rooms	185.00	1,850.00
Regnl shop. center		25.28 trips/1000 sq. ft.	525.00	13,272.00
		Sum of Total Trips		15,122.00
		Total Vehicle Miles Traveled		111,643.39

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	54.40	0.40	99.40	0.20
Light Truck < 3,750 lbs	15.30	0.70	98.00	1.30
Light Truck 3,751- 5,750	16.40	0.60	98.80	0.60
Med Truck 5,751- 8,500	7.30	0.00	98.60	1.40
Lite-Heavy 8,501-10,000	1.10	0.00	81.80	18.20
Lite-Heavy 10,001-14,000	0.30	0.00	66.70	33.30
Med-Heavy 14,001-33,000	1.00	0.00	20.00	80.00
Heavy-Heavy 33,001-60,000	0.80	0.00	0.00	100.00
Line Haul > 60,000 lbs	0.00	0.00	0.00	100.00
Urban Bus	0.20	0.00	50.00	50.00
Motorcycle	1.60	50.00	50.00	0.00
School Bus	0.10	0.00	0.00	100.00
Motor Home	1.50	0.00	93.30	6.70

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	10.8	7.3	7.5	10.8	7.3	7.3
Rural Trip Length (miles)	15.0	10.0	10.0	15.0	10.0	10.0
Trip Speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	27.3	21.2	51.5			
% of Trips - Commercial (by land use)						
Hotel				5.0	2.5	92.5
Regnl shop. center				2.0	1.0	97.0

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Area

The hearth option switch changed from on to off.
The landscape length of the summer period (in days) changed from 180 to 365.
The landscape year changed from 2005 to 2020.
The consumer product ROG pounds per person changed from 0.0171 to 0.0138.
The residential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.

The nonresidential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.

Changes made to the default values for Operations

The operational emission year changed from 2005 to 2020.
The operational winter temperature changed from 40 to 50.
The operational summer temperature changed from 85 to 75.
The operational summer selection item changed from 7 to 5.
The paved road silt loading factor changed from 0.1 to 0.03.

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 3.urb
Project Name: University Towne Center Scenario 3
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
(Pounds/Day - Summer)

AREA SOURCE EMISSION ESTIMATES (Summer Pounds per Day, Unmitigated)

Source	ROG	NOx	CO	SO2	PM10
Natural Gas	0.54	7.45	6.26	0	0.01
Hearth - No summer emissions					
Landscaping	0.18	0.02	1.26	0.00	0.00
Consumer Prdcts	0.00	-	-	-	-
Architectural Coatings	2.16	-	-	-	-
TOTALS(lbs/day,unmitigated)	2.88	7.47	7.52	0.00	0.02

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	SO2	PM10
Hotel	5.70	7.52	63.91	0.12	10.15
Regnl shop. center	36.73	53.25	451.10	0.82	71.79
TOTAL EMISSIONS (lbs/day)	42.43	60.76	515.01	0.94	81.94

Does not include correction for passby trips.
Does not include double counting adjustment for internal trips.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2020 Temperature (F): 75 Season: Summer

EMFAC Version: EMFAC2002 (9/2002)

Summary of Land Uses:

Unit Type	Acreage	Trip Rate	No. Units	Total Trips
Hotel		10.00 trips/rooms	185.00	1,850.00
Regnl shop. center		25.28 trips/1000 sq. ft.	525.00	13,272.00

Sum of Total Trips	15,122.00
Total Vehicle Miles Traveled	111,643.39

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	54.40	0.40	99.40	0.20
Light Truck < 3,750 lbs	15.30	0.70	98.00	1.30
Light Truck 3,751- 5,750	16.40	0.60	98.80	0.60
Med Truck 5,751- 8,500	7.30	0.00	98.60	1.40
Lite-Heavy 8,501-10,000	1.10	0.00	81.80	18.20
Lite-Heavy 10,001-14,000	0.30	0.00	66.70	33.30
Med-Heavy 14,001-33,000	1.00	0.00	20.00	80.00
Heavy-Heavy 33,001-60,000	0.80	0.00	0.00	100.00
Line Haul > 60,000 lbs	0.00	0.00	0.00	100.00
Urban Bus	0.20	0.00	50.00	50.00
Motorcycle	1.60	50.00	50.00	0.00
School Bus	0.10	0.00	0.00	100.00
Motor Home	1.50	0.00	93.30	6.70

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	10.8	7.3	7.5	10.8	7.3	7.3
Rural Trip Length (miles)	15.0	10.0	10.0	15.0	10.0	10.0
Trip Speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	27.3	21.2	51.5			
% of Trips - Commercial (by land use)						
Hotel				5.0	2.5	92.5
Regnl shop. center				2.0	1.0	97.0

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Area

The hearth option switch changed from on to off.
The landscape length of the summer period (in days) changed from 180 to 365.
The landscape year changed from 2005 to 2020.
The consumer product ROG pounds per person changed from 0.0171 to 0.0138.
The residential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.
The nonresidential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.

Changes made to the default values for Operations

The operational emission year changed from 2005 to 2020.
The operational winter temperature changed from 40 to 50.
The operational summer temperature changed from 85 to 75.
The operational summer selection item changed from 7 to 5.
The paved road silt loading factor changed from 0.1 to 0.03.

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 3.urb
Project Name: University Towne Center Scenario 3
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
(Tons/Year)

AREA SOURCE EMISSION ESTIMATES (Tons per Year, Unmitigated)

Source	ROG	NOx	CO	SO2	PM10
Natural Gas	0.10	1.36	1.14	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00
Landscaping	0.03	0.00	0.23	0.00	0.00
Consumer Prdcts	0.00	-	-	-	-
Architectural Coatings	0.29	-	-	-	-
TOTALS (tpy, unmitigated)	0.42	1.36	1.37	0.00	0.00

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	SO2	PM10
Hotel	1.08	1.50	12.14	0.02	1.85
Regnl shop. center	7.15	10.63	85.77	0.15	13.10
TOTAL EMISSIONS (tons/yr)	8.23	12.13	97.92	0.17	14.95

Does not include correction for passby trips.
Does not include double counting adjustment for internal trips.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2020 Season: Annual

EMFAC Version: EMFAC2002 (9/2002)

Summary of Land Uses:

Unit Type	Acreage	Trip Rate	No. Units	Total Trips
Hotel		10.00 trips/rooms	185.00	1,850.00
Regnl shop. center		25.28 trips/1000 sq. ft.	525.00	13,272.00
		Sum of Total Trips		15,122.00
		Total Vehicle Miles Traveled		111,643.39

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	54.40	0.40	99.40	0.20
Light Truck < 3,750 lbs	15.30	0.70	98.00	1.30
Light Truck 3,751- 5,750	16.40	0.60	98.80	0.60
Med Truck 5,751- 8,500	7.30	0.00	98.60	1.40
Lite-Heavy 8,501-10,000	1.10	0.00	81.80	18.20
Lite-Heavy 10,001-14,000	0.30	0.00	66.70	33.30
Med-Heavy 14,001-33,000	1.00	0.00	20.00	80.00
Heavy-Heavy 33,001-60,000	0.80	0.00	0.00	100.00
Line Haul > 60,000 lbs	0.00	0.00	0.00	100.00
Urban Bus	0.20	0.00	50.00	50.00

Motorcycle	1.60	50.00	50.00	0.00
School Bus	0.10	0.00	0.00	100.00
Motor Home	1.50	0.00	93.30	6.70

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	10.8	7.3	7.5	10.8	7.3	7.3
Rural Trip Length (miles)	15.0	10.0	10.0	15.0	10.0	10.0
Trip Speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	27.3	21.2	51.5			
% of Trips - Commercial (by land use)						
Hotel				5.0	2.5	92.5
Regnl shop. center				2.0	1.0	97.0

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Area

The hearth option switch changed from on to off.
The landscape length of the summer period (in days) changed from 180 to 365.
The landscape year changed from 2005 to 2020.
The consumer product ROG pounds per person changed from 0.0171 to 0.0138.
The residential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.
The nonresidential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.

Changes made to the default values for Operations

The operational emission year changed from 2005 to 2020.
The operational winter temperature changed from 40 to 50.
The operational summer temperature changed from 85 to 75.
The operational summer selection item changed from 7 to 5.
The paved road silt loading factor changed from 0.1 to 0.03.

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 4.urb
Project Name: University Towne Center Scenario 4
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Pounds/Day - Summer)

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	2.53	5.33	5.72	0.00	0.01

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	38.17	55.21	468.25	0.85	74.46

SUM OF AREA AND OPERATIONAL EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	40.69	60.53	473.97	0.86	74.48

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 4.urb
Project Name: University Towne Center Scenario 4
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Pounds/Day - Winter)

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	2.35	5.31	4.46	0.00	0.01

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	45.77	70.72	526.65	0.86	74.46

SUM OF AREA AND OPERATIONAL EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	48.12	76.03	531.11	0.86	74.47

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 4.urb
Project Name: University Towne Center Scenario 4
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (tpy, unmitigated)	0.36	0.97	1.04	0.00	0.00

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (tpy, unmitigated)	7.43	11.02	89.01	0.16	13.59

SUM OF AREA AND OPERATIONAL EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (tpy, unmitigated)	7.79	11.99	90.05	0.16	13.59

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 4.urb
Project Name: University Towne Center Scenario 4
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
(Pounds/Day - Winter)

AREA SOURCE EMISSION ESTIMATES (Winter Pounds per Day, Unmitigated)

Source	ROG	NOx	CO	SO2	PM10
Natural Gas	0.39	5.31	4.46	0	0.01
Hearth	0.00	0.00	0.00	0.00	0.00
Landscaping - No winter emissions					
Consumer Prdcts	0.00	-	-	-	-
Architectural Coatings	1.96	-	-	-	-
TOTALS(lbs/day,unmitigated)	2.35	5.31	4.46	0.00	0.01

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	SO2	PM10
Regnl shop. center	44.14	68.21	507.77	0.82	71.79
General office building	1.64	2.52	18.89	0.03	2.67
TOTAL EMISSIONS (lbs/day)	45.77	70.72	526.65	0.86	74.46

Does not include correction for passby trips.
Does not include double counting adjustment for internal trips.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2020 Temperature (F): 50 Season: Winter

EMFAC Version: EMFAC2002 (9/2002)

Summary of Land Uses:

Unit Type	Acreage	Trip Rate	No. Units	Total Trips
Regnl shop. center		25.28 trips/1000 sq. ft.	525.00	13,272.00
General office building		12.21 trips/1000 sq. ft.	35.00	427.28
		Sum of Total Trips		13,699.28
		Total Vehicle Miles Traveled		101,457.20

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	54.40	0.40	99.40	0.20
Light Truck < 3,750 lbs	15.30	0.70	98.00	1.30
Light Truck 3,751- 5,750	16.40	0.60	98.80	0.60
Med Truck 5,751- 8,500	7.30	0.00	98.60	1.40
Lite-Heavy 8,501-10,000	1.10	0.00	81.80	18.20
Lite-Heavy 10,001-14,000	0.30	0.00	66.70	33.30
Med-Heavy 14,001-33,000	1.00	0.00	20.00	80.00
Heavy-Heavy 33,001-60,000	0.80	0.00	0.00	100.00
Line Haul > 60,000 lbs	0.00	0.00	0.00	100.00
Urban Bus	0.20	0.00	50.00	50.00
Motorcycle	1.60	50.00	50.00	0.00
School Bus	0.10	0.00	0.00	100.00
Motor Home	1.50	0.00	93.30	6.70

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	10.8	7.3	7.5	10.8	7.3	7.3
Rural Trip Length (miles)	15.0	10.0	10.0	15.0	10.0	10.0
Trip Speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	27.3	21.2	51.5			
% of Trips - Commercial (by land use)						
Regnl shop. center				2.0	1.0	97.0
General office building				35.0	17.5	47.5

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Area

The hearth option switch changed from on to off.
The landscape length of the summer period (in days) changed from 180 to 365.
The landscape year changed from 2005 to 2020.
The consumer product ROG pounds per person changed from 0.0171 to 0.0138.
The residential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.

The nonresidential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.

Changes made to the default values for Operations

The operational emission year changed from 2005 to 2020.
The operational winter temperature changed from 40 to 50.
The operational summer temperature changed from 85 to 75.
The operational summer selection item changed from 7 to 5.
The paved road silt loading factor changed from 0.1 to 0.03.

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 4.urb
Project Name: University Towne Center Scenario 4
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
(Pounds/Day - Summer)

AREA SOURCE EMISSION ESTIMATES (Summer Pounds per Day, Unmitigated)

Source	ROG	NOx	CO	SO2	PM10
Natural Gas	0.39	5.31	4.46	0	0.01
Hearth - No summer emissions					
Landscaping	0.18	0.02	1.26	0.00	0.00
Consumer Prdcts	0.00	-	-	-	-
Architectural Coatings	1.96	-	-	-	-
TOTALS(lbs/day,unmitigated)	2.53	5.33	5.72	0.00	0.01

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	SO2	PM10
Regnl shop. center	36.73	53.25	451.10	0.82	71.79
General office building	1.43	1.96	17.15	0.03	2.67
TOTAL EMISSIONS (lbs/day)	38.17	55.21	468.25	0.85	74.46

Does not include correction for passby trips.
Does not include double counting adjustment for internal trips.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2020 Temperature (F): 75 Season: Summer

EMFAC Version: EMFAC2002 (9/2002)

Summary of Land Uses:

Unit Type	Acreage	Trip Rate	No. Units	Total Trips
Regnl shop. center		25.28 trips/1000 sq. ft.	525.00	13,272.00
General office building		12.21 trips/1000 sq. ft.	35.00	427.28

Sum of Total Trips 13,699.28
Total Vehicle Miles Traveled 101,457.20

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	54.40	0.40	99.40	0.20
Light Truck < 3,750 lbs	15.30	0.70	98.00	1.30
Light Truck 3,751- 5,750	16.40	0.60	98.80	0.60
Med Truck 5,751- 8,500	7.30	0.00	98.60	1.40
Lite-Heavy 8,501-10,000	1.10	0.00	81.80	18.20
Lite-Heavy 10,001-14,000	0.30	0.00	66.70	33.30
Med-Heavy 14,001-33,000	1.00	0.00	20.00	80.00
Heavy-Heavy 33,001-60,000	0.80	0.00	0.00	100.00
Line Haul > 60,000 lbs	0.00	0.00	0.00	100.00
Urban Bus	0.20	0.00	50.00	50.00
Motorcycle	1.60	50.00	50.00	0.00
School Bus	0.10	0.00	0.00	100.00
Motor Home	1.50	0.00	93.30	6.70

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	10.8	7.3	7.5	10.8	7.3	7.3
Rural Trip Length (miles)	15.0	10.0	10.0	15.0	10.0	10.0
Trip Speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	27.3	21.2	51.5			
% of Trips - Commercial (by land use)						
Regnl shop. center				2.0	1.0	97.0
General office building				35.0	17.5	47.5

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Area

The hearth option switch changed from on to off.
The landscape length of the summer period (in days) changed from 180 to 365.
The landscape year changed from 2005 to 2020.
The consumer product ROG pounds per person changed from 0.0171 to 0.0138.
The residential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.
The nonresidential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.

Changes made to the default values for Operations

The operational emission year changed from 2005 to 2020.
The operational winter temperature changed from 40 to 50.
The operational summer temperature changed from 85 to 75.
The operational summer selection item changed from 7 to 5.
The paved road silt loading factor changed from 0.1 to 0.03.

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 4.urb
Project Name: University Towne Center Scenario 4
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
(Tons/Year)

AREA SOURCE EMISSION ESTIMATES (Tons per Year, Unmitigated)

Source	ROG	NOx	CO	SO2	PM10
Natural Gas	0.07	0.97	0.81	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00
Landscaping	0.03	0.00	0.23	0.00	0.00
Consumer Prdcts	0.00	-	-	-	-
Architectural Coatings	0.26	-	-	-	-
TOTALS (tpy, unmitigated)	0.36	0.97	1.04	0.00	0.00

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	SO2	PM10
Regnl shop. center	7.15	10.63	85.77	0.15	13.10
General office building	0.27	0.39	3.24	0.01	0.49
TOTAL EMISSIONS (tons/yr)	7.43	11.02	89.01	0.16	13.59

Does not include correction for passby trips.
Does not include double counting adjustment for internal trips.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2020 Season: Annual

EMFAC Version: EMFAC2002 (9/2002)

Summary of Land Uses:

Unit Type	Acreage	Trip Rate	No. Units	Total Trips
Regnl shop. center		25.28 trips/1000 sq. ft.	525.00	13,272.00
General office building		12.21 trips/1000 sq. ft.	35.00	427.28
		Sum of Total Trips		13,699.28
		Total Vehicle Miles Traveled		101,457.20

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	54.40	0.40	99.40	0.20
Light Truck < 3,750 lbs	15.30	0.70	98.00	1.30
Light Truck 3,751- 5,750	16.40	0.60	98.80	0.60
Med Truck 5,751- 8,500	7.30	0.00	98.60	1.40
Lite-Heavy 8,501-10,000	1.10	0.00	81.80	18.20
Lite-Heavy 10,001-14,000	0.30	0.00	66.70	33.30
Med-Heavy 14,001-33,000	1.00	0.00	20.00	80.00
Heavy-Heavy 33,001-60,000	0.80	0.00	0.00	100.00
Line Haul > 60,000 lbs	0.00	0.00	0.00	100.00
Urban Bus	0.20	0.00	50.00	50.00

Motorcycle	1.60	50.00	50.00	0.00
School Bus	0.10	0.00	0.00	100.00
Motor Home	1.50	0.00	93.30	6.70

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	10.8	7.3	7.5	10.8	7.3	7.3
Rural Trip Length (miles)	15.0	10.0	10.0	15.0	10.0	10.0
Trip Speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	27.3	21.2	51.5			
% of Trips - Commercial (by land use)						
Regnl shop. center				2.0	1.0	97.0
General office building				35.0	17.5	47.5

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Area

The hearth option switch changed from on to off.
The landscape length of the summer period (in days) changed from 180 to 365.
The landscape year changed from 2005 to 2020.
The consumer product ROG pounds per person changed from 0.0171 to 0.0138.
The residential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.
The nonresidential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.

Changes made to the default values for Operations

The operational emission year changed from 2005 to 2020.
The operational winter temperature changed from 40 to 50.
The operational summer temperature changed from 85 to 75.
The operational summer selection item changed from 7 to 5.
The paved road silt loading factor changed from 0.1 to 0.03.

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 5.urb
Project Name: University Towne Center Scenario 5
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Pounds/Day - Summer)

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	13.36	7.06	7.65	0.00	0.02

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	33.80	46.82	400.13	0.73	63.22

SUM OF AREA AND OPERATIONAL EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	47.17	53.89	407.78	0.73	63.24

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 5.urb
Project Name: University Towne Center Scenario 5
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Pounds/Day - Winter)

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	13.00	7.03	5.12	0.00	0.01

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	39.08	60.00	448.73	0.73	63.22

SUM OF AREA AND OPERATIONAL EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	52.08	67.03	453.85	0.73	63.23

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 5.urb
Project Name: University Towne Center Scenario 5
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (tpy, unmitigated)	2.31	1.29	1.40	0.00	0.00

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (tpy, unmitigated)	6.49	9.35	75.98	0.13	11.54

SUM OF AREA AND OPERATIONAL EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (tpy, unmitigated)	8.80	10.64	77.38	0.13	11.54

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 5.urb
Project Name: University Towne Center Scenario 5
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
(Pounds/Day - Winter)

AREA SOURCE EMISSION ESTIMATES (Winter Pounds per Day, Unmitigated)

Source	ROG	NOx	CO	SO2	PM10
Natural Gas	0.52	7.03	5.12	0	0.01
Hearth	0.00	0.00	0.00	0.00	0.00
Landscaping - No winter emissions					
Consumer Prdcts	9.87	-	-	-	-
Architectural Coatings	2.61	-	-	-	-
TOTALS(lbs/day,unmitigated)	13.00	7.03	5.12	0.00	0.01

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	SO2	PM10
Condo/townhouse high rise	5.02	7.45	57.34	0.09	7.88
Hotel	3.40	5.21	38.80	0.06	5.49
Regnl shop. center	29.02	44.83	333.71	0.54	47.18
General office building	1.64	2.52	18.89	0.03	2.67

TOTAL EMISSIONS (lbs/day)	39.08	60.00	448.73	0.73	63.22

Does not include correction for passby trips.
Does not include double counting adjustment for internal trips.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2020 Temperature (F): 50 Season: Winter

EMFAC Version: EMFAC2002 (9/2002)

Summary of Land Uses:

Unit Type	Acreage	Trip Rate	No. Units	Total Trips
Condo/townhouse high rise	3.91	5.13 trips/dwelling unit	250.00	1,282.50
Hotel		10.00 trips/rooms	100.00	1,000.00
Regnl shop. center		23.26 trips/1000 sq. ft.	375.00	8,722.50
General office building		12.21 trips/1000 sq. ft.	35.00	427.28
		Sum of Total Trips		11,432.28
		Total Vehicle Miles Traveled		86,122.16

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	54.40	0.40	99.40	0.20
Light Truck < 3,750 lbs	15.30	0.70	98.00	1.30
Light Truck 3,751- 5,750	16.40	0.60	98.80	0.60
Med Truck 5,751- 8,500	7.30	0.00	98.60	1.40
Lite-Heavy 8,501-10,000	1.10	0.00	81.80	18.20
Lite-Heavy 10,001-14,000	0.30	0.00	66.70	33.30
Med-Heavy 14,001-33,000	1.00	0.00	20.00	80.00
Heavy-Heavy 33,001-60,000	0.80	0.00	0.00	100.00
Line Haul > 60,000 lbs	0.00	0.00	0.00	100.00
Urban Bus	0.20	0.00	50.00	50.00
Motorcycle	1.60	50.00	50.00	0.00
School Bus	0.10	0.00	0.00	100.00
Motor Home	1.50	0.00	93.30	6.70

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	10.8	7.3	7.5	10.8	7.3	7.3
Rural Trip Length (miles)	15.0	10.0	10.0	15.0	10.0	10.0
Trip Speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	27.3	21.2	51.5			
% of Trips - Commercial (by land use)						
Hotel				5.0	2.5	92.5
Regnl shop. center				2.0	1.0	97.0
General office building				35.0	17.5	47.5

Changes made to the default values for Land Use Trip Percentages

The Trip Rate and/or Acreage values for Condominium/townhouse high rise have changed from the defaults 5.26/3.91 to 5.13/3.91

Changes made to the default values for Area

The hearth option switch changed from on to off.
The landscape length of the summer period (in days) changed from 180 to 365.
The landscape year changed from 2005 to 2020.
The consumer product ROG pounds per person changed from 0.0171 to 0.0138.
The residential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.
The nonresidential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.

Changes made to the default values for Operations

The operational emission year changed from 2005 to 2020.
The operational winter temperature changed from 40 to 50.
The operational summer temperature changed from 85 to 75.
The operational summer selection item changed from 7 to 5.
The paved road silt loading factor changed from 0.1 to 0.03.

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 5.urb
Project Name: University Towne Center Scenario 5
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
(Pounds/Day - Summer)

AREA SOURCE EMISSION ESTIMATES (Summer Pounds per Day, Unmitigated)

Source	ROG	NOx	CO	SO2	PM10
Natural Gas	0.52	7.03	5.12	0	0.01
Hearth - No summer emissions					
Landscaping	0.36	0.04	2.52	0.00	0.01
Consumer Prdcts	9.87	-	-	-	-
Architectural Coatings	2.61	-	-	-	-
TOTALS(lbs/day,unmitigated)	13.36	7.06	7.65	0.00	0.02

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	SO2	PM10
Condo/townhouse high rise	5.01	5.81	51.97	0.09	7.88
Hotel	3.08	4.06	34.55	0.06	5.49
Regnl shop. center	24.28	34.99	296.47	0.54	47.18
General office building	1.43	1.96	17.15	0.03	2.67
TOTAL EMISSIONS (lbs/day)	33.80	46.82	400.13	0.73	63.22

Does not include correction for passby trips.
Does not include double counting adjustment for internal trips.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2020 Temperature (F): 75 Season: Summer

EMFAC Version: EMFAC2002 (9/2002)

Summary of Land Uses:

Unit Type	Acreage	Trip Rate	No. Units	Total Trips
Condo/townhouse high rise	3.91	5.13 trips/dwelling unit	250.00	1,282.50
Hotel		10.00 trips/rooms	100.00	1,000.00
Regnl shop. center		23.26 trips/1000 sq. ft.	375.00	8,722.50
General office building		12.21 trips/1000 sq. ft.	35.00	427.28
		Sum of Total Trips		11,432.28
		Total Vehicle Miles Traveled		86,122.16

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	54.40	0.40	99.40	0.20
Light Truck < 3,750 lbs	15.30	0.70	98.00	1.30
Light Truck 3,751- 5,750	16.40	0.60	98.80	0.60
Med Truck 5,751- 8,500	7.30	0.00	98.60	1.40
Lite-Heavy 8,501-10,000	1.10	0.00	81.80	18.20
Lite-Heavy 10,001-14,000	0.30	0.00	66.70	33.30
Med-Heavy 14,001-33,000	1.00	0.00	20.00	80.00
Heavy-Heavy 33,001-60,000	0.80	0.00	0.00	100.00
Line Haul > 60,000 lbs	0.00	0.00	0.00	100.00
Urban Bus	0.20	0.00	50.00	50.00
Motorcycle	1.60	50.00	50.00	0.00
School Bus	0.10	0.00	0.00	100.00
Motor Home	1.50	0.00	93.30	6.70

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	10.8	7.3	7.5	10.8	7.3	7.3
Rural Trip Length (miles)	15.0	10.0	10.0	15.0	10.0	10.0
Trip Speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	27.3	21.2	51.5			
% of Trips - Commercial (by land use)						
Hotel				5.0	2.5	92.5
Regnl shop. center				2.0	1.0	97.0
General office building				35.0	17.5	47.5

Changes made to the default values for Land Use Trip Percentages

The Trip Rate and/or Acreage values for Condominium/townhouse high rise have changed from the defaults 5.26/3.91 to 5.13/3.91

Changes made to the default values for Area

The hearth option switch changed from on to off.
The landscape length of the summer period (in days) changed from 180 to 365.
The landscape year changed from 2005 to 2020.
The consumer product ROG pounds per person changed from 0.0171 to 0.0138.
The residential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.
The nonresidential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.

Changes made to the default values for Operations

The operational emission year changed from 2005 to 2020.
The operational winter temperature changed from 40 to 50.
The operational summer temperature changed from 85 to 75.
The operational summer selection item changed from 7 to 5.
The paved road silt loading factor changed from 0.1 to 0.03.

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 5.urb
Project Name: University Towne Center Scenario 5
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
(Tons/Year)

AREA SOURCE EMISSION ESTIMATES (Tons per Year, Unmitigated)

Source	ROG	NOx	CO	SO2	PM10
Natural Gas	0.09	1.28	0.93	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00
Landscaping	0.07	0.01	0.46	0.00	0.00
Consumer Prdcts	1.80	-	-	-	-
Architectural Coatings	0.35	-	-	-	-
TOTALS (tpy, unmitigated)	2.31	1.29	1.40	0.00	0.00

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	SO2	PM10
Condo/townhouse high rise	0.91	1.16	9.81	0.02	1.44
Hotel	0.58	0.81	6.56	0.01	1.00
Regnl shop. center	4.72	6.98	56.37	0.10	8.61
General office building	0.27	0.39	3.24	0.01	0.49
TOTAL EMISSIONS (tons/yr)	6.49	9.35	75.98	0.13	11.54

Does not include correction for passby trips.
Does not include double counting adjustment for internal trips.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2020 Season: Annual

EMFAC Version: EMFAC2002 (9/2002)

Summary of Land Uses:

Unit Type	Acreage	Trip Rate	No. Units	Total Trips
Condo/townhouse high rise	3.91	5.13 trips/dwelling unit	250.00	1,282.50
Hotel		10.00 trips/rooms	100.00	1,000.00
Regnl shop. center		23.26 trips/1000 sq. ft.	375.00	8,722.50
General office building		12.21 trips/1000 sq. ft.	35.00	427.28

Sum of Total Trips	11,432.28
Total Vehicle Miles Traveled	86,122.16

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	54.40	0.40	99.40	0.20
Light Truck < 3,750 lbs	15.30	0.70	98.00	1.30
Light Truck 3,751- 5,750	16.40	0.60	98.80	0.60
Med Truck 5,751- 8,500	7.30	0.00	98.60	1.40
Lite-Heavy 8,501-10,000	1.10	0.00	81.80	18.20
Lite-Heavy 10,001-14,000	0.30	0.00	66.70	33.30
Med-Heavy 14,001-33,000	1.00	0.00	20.00	80.00
Heavy-Heavy 33,001-60,000	0.80	0.00	0.00	100.00
Line Haul > 60,000 lbs	0.00	0.00	0.00	100.00
Urban Bus	0.20	0.00	50.00	50.00
Motorcycle	1.60	50.00	50.00	0.00
School Bus	0.10	0.00	0.00	100.00
Motor Home	1.50	0.00	93.30	6.70

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	10.8	7.3	7.5	10.8	7.3	7.3
Rural Trip Length (miles)	15.0	10.0	10.0	15.0	10.0	10.0
Trip Speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	27.3	21.2	51.5			
% of Trips - Commercial (by land use)						
Hotel				5.0	2.5	92.5
Regnl shop. center				2.0	1.0	97.0
General office building				35.0	17.5	47.5

Changes made to the default values for Land Use Trip Percentages

The Trip Rate and/or Acreage values for Condominium/townhouse high rise have changed from the defaults 5.26/3.91 to 5.13/3.91

Changes made to the default values for Area

The hearth option switch changed from on to off.
The landscape length of the summer period (in days) changed from 180 to 365.
The landscape year changed from 2005 to 2020.
The consumer product ROG pounds per person changed from 0.0171 to 0.0138.
The residential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.
The nonresidential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.

Changes made to the default values for Operations

The operational emission year changed from 2005 to 2020.
The operational winter temperature changed from 40 to 50.
The operational summer temperature changed from 85 to 75.
The operational summer selection item changed from 7 to 5.
The paved road silt loading factor changed from 0.1 to 0.03.

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 6.urb
Project Name: University Towne Center Scenario 6
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Pounds/Day - Summer)

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	24.24	8.14	7.14	0.00	0.02

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	38.81	52.98	454.91	0.82	71.55

SUM OF AREA AND OPERATIONAL EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	63.04	61.12	462.05	0.82	71.57

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 6.urb
Project Name: University Towne Center Scenario 6
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Pounds/Day - Winter)

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	23.97	8.11	5.25	0.00	0.02

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	44.35	67.90	509.32	0.82	71.55

SUM OF AREA AND OPERATIONAL EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	68.32	76.01	514.58	0.82	71.57

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 6.urb
Project Name: University Towne Center Scenario 6
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (tpy, unmitigated)	4.24	1.49	1.30	0.00	0.00

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (tpy, unmitigated)	7.42	10.58	86.33	0.15	13.06

SUM OF AREA AND OPERATIONAL EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (tpy, unmitigated)	11.66	12.06	87.64	0.15	13.06

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 6.urb
Project Name: University Towne Center Scenario 6
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
(Pounds/Day - Winter)

AREA SOURCE EMISSION ESTIMATES (Winter Pounds per Day, Unmitigated)

Source	ROG	NOx	CO	SO2	PM10
Natural Gas	0.61	8.11	5.25	0	0.02
Hearth	0.00	0.00	0.00	0.00	0.00
Landscaping - No winter emissions					
Consumer Prdcts	19.74	-	-	-	-
Architectural Coatings	3.62	-	-	-	-
TOTALS(lbs/day,unmitigated)	23.97	8.11	5.25	0.00	0.02

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	SO2	PM10
Condo/townhouse high rise	10.04	14.90	114.67	0.18	15.75
Regnl shop. center	32.68	50.48	375.77	0.61	53.13
General office building	1.64	2.52	18.89	0.03	2.67

TOTAL EMISSIONS (lbs/day)	44.35	67.90	509.32	0.82	71.55

Does not include correction for passby trips.
Does not include double counting adjustment for internal trips.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2020 Temperature (F): 50 Season: Winter

EMFAC Version: EMFAC2002 (9/2002)

Summary of Land Uses:

Unit Type	Acreage	Trip Rate	No. Units	Total Trips
Condo/townhouse high rise	7.81	5.13 trips/dwelling unit	500.00	2,565.00
Regnl shop. center		23.11 trips/1000 sq. ft.	425.00	9,821.75
General office building		12.21 trips/1000 sq. ft.	35.00	427.28
		Sum of Total Trips		12,814.03
		Total Vehicle Miles Traveled		97,468.41

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	54.40	0.40	99.40	0.20
Light Truck < 3,750 lbs	15.30	0.70	98.00	1.30
Light Truck 3,751- 5,750	16.40	0.60	98.80	0.60
Med Truck 5,751- 8,500	7.30	0.00	98.60	1.40
Lite-Heavy 8,501-10,000	1.10	0.00	81.80	18.20
Lite-Heavy 10,001-14,000	0.30	0.00	66.70	33.30
Med-Heavy 14,001-33,000	1.00	0.00	20.00	80.00
Heavy-Heavy 33,001-60,000	0.80	0.00	0.00	100.00
Line Haul > 60,000 lbs	0.00	0.00	0.00	100.00
Urban Bus	0.20	0.00	50.00	50.00
Motorcycle	1.60	50.00	50.00	0.00
School Bus	0.10	0.00	0.00	100.00
Motor Home	1.50	0.00	93.30	6.70

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	10.8	7.3	7.5	10.8	7.3	7.3
Rural Trip Length (miles)	15.0	10.0	10.0	15.0	10.0	10.0
Trip Speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	27.3	21.2	51.5			
% of Trips - Commercial (by land use)						
Regnl shop. center				2.0	1.0	97.0
General office building				35.0	17.5	47.5

Page: 6
04/22/2007 12:53 PM

Changes made to the default values for Land Use Trip Percentages

The Trip Rate and/or Acreage values for Condominium/townhouse high rise have changed from the defaults 5.26/7.81 to 5.13/7.81

Changes made to the default values for Area

The hearth option switch changed from on to off.

The landscape length of the summer period (in days) changed from 180 to 365.
The landscape year changed from 2005 to 2020.
The consumer product ROG pounds per person changed from 0.0171 to 0.0138.
The residential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.
The nonresidential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.

Changes made to the default values for Operations

The operational emission year changed from 2005 to 2020.
The operational winter temperature changed from 40 to 50.
The operational summer temperature changed from 85 to 75.
The operational summer selection item changed from 7 to 5.
The paved road silt loading factor changed from 0.1 to 0.03.

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 6.urb
Project Name: University Towne Center Scenario 6
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
(Pounds/Day - Summer)

AREA SOURCE EMISSION ESTIMATES (Summer Pounds per Day, Unmitigated)

Source	ROG	NOx	CO	SO2	PM10
Natural Gas	0.61	8.11	5.25	0	0.02
Hearth - No summer emissions					
Landscaping	0.27	0.03	1.89	0.00	0.00
Consumer Prdcts	19.74	-	-	-	-
Architectural Coatings	3.62	-	-	-	-
TOTALS(lbs/day,unmitigated)	24.24	8.14	7.14	0.00	0.02

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	SO2	PM10
Condo/townhouse high rise	10.02	11.61	103.93	0.18	15.75
Regnl shop. center	27.35	39.40	333.83	0.61	53.13
General office building	1.43	1.96	17.15	0.03	2.67
TOTAL EMISSIONS (lbs/day)	38.81	52.98	454.91	0.82	71.55

Does not include correction for passby trips.
Does not include double counting adjustment for internal trips.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2020 Temperature (F): 75 Season: Summer

EMFAC Version: EMFAC2002 (9/2002)

Summary of Land Uses:

	No.	Total

Unit Type	Acreage	Trip Rate	Units	Trips
Condo/townhouse high rise	7.81	5.13 trips/dwelling unit	500.00	2,565.00
Regnl shop. center		23.11 trips/1000 sq. ft.	425.00	9,821.75
General office building		12.21 trips/1000 sq. ft.	35.00	427.28

Sum of Total Trips	12,814.03
Total Vehicle Miles Traveled	97,468.41

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	54.40	0.40	99.40	0.20
Light Truck < 3,750 lbs	15.30	0.70	98.00	1.30
Light Truck 3,751- 5,750	16.40	0.60	98.80	0.60
Med Truck 5,751- 8,500	7.30	0.00	98.60	1.40
Lite-Heavy 8,501-10,000	1.10	0.00	81.80	18.20
Lite-Heavy 10,001-14,000	0.30	0.00	66.70	33.30
Med-Heavy 14,001-33,000	1.00	0.00	20.00	80.00
Heavy-Heavy 33,001-60,000	0.80	0.00	0.00	100.00
Line Haul > 60,000 lbs	0.00	0.00	0.00	100.00
Urban Bus	0.20	0.00	50.00	50.00
Motorcycle	1.60	50.00	50.00	0.00
School Bus	0.10	0.00	0.00	100.00
Motor Home	1.50	0.00	93.30	6.70

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	10.8	7.3	7.5	10.8	7.3	7.3
Rural Trip Length (miles)	15.0	10.0	10.0	15.0	10.0	10.0
Trip Speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	27.3	21.2	51.5			
% of Trips - Commercial (by land use)						
Regnl shop. center				2.0	1.0	97.0
General office building				35.0	17.5	47.5

Changes made to the default values for Land Use Trip Percentages

The Trip Rate and/or Acreage values for Condominium/townhouse high rise have changed from the defaults 5.26/7.81 to 5.13/7.81

Changes made to the default values for Area

The hearth option switch changed from on to off.
The landscape length of the summer period (in days) changed from 180 to 365.
The landscape year changed from 2005 to 2020.
The consumer product ROG pounds per person changed from 0.0171 to 0.0138.
The residential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.
The nonresidential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.

Changes made to the default values for Operations

The operational emission year changed from 2005 to 2020.
The operational winter temperature changed from 40 to 50.
The operational summer temperature changed from 85 to 75.
The operational summer selection item changed from 7 to 5.
The paved road silt loading factor changed from 0.1 to 0.03.

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 6.urb
Project Name: University Towne Center Scenario 6
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
(Tons/Year)

AREA SOURCE EMISSION ESTIMATES (Tons per Year, Unmitigated)

Source	ROG	NOx	CO	SO2	PM10
Natural Gas	0.11	1.48	0.96	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00
Landscaping	0.05	0.01	0.35	0.00	0.00
Consumer Prdcts	3.60	-	-	-	-
Architectural Coatings	0.48	-	-	-	-
TOTALS (tpy, unmitigated)	4.24	1.49	1.30	0.00	0.00

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	SO2	PM10
Condo/townhouse high rise	1.83	2.32	19.62	0.03	2.87
Regnl shop. center	5.32	7.86	63.47	0.11	9.70
General office building	0.27	0.39	3.24	0.01	0.49
TOTAL EMISSIONS (tons/yr)	7.42	10.58	86.33	0.15	13.06

Does not include correction for passby trips.
Does not include double counting adjustment for internal trips.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2020 Season: Annual

EMFAC Version: EMFAC2002 (9/2002)

Summary of Land Uses:

Unit Type	Acreage	Trip Rate	No. Units	Total Trips
Condo/townhouse high rise	7.81	5.13 trips/dwelling unit	500.00	2,565.00
Regnl shop. center		23.11 trips/1000 sq. ft.	425.00	9,821.75
General office building		12.21 trips/1000 sq. ft.	35.00	427.28
		Sum of Total Trips		12,814.03
		Total Vehicle Miles Traveled		97,468.41

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel

Light Auto	54.40	0.40	99.40	0.20
Light Truck < 3,750 lbs	15.30	0.70	98.00	1.30
Light Truck 3,751- 5,750	16.40	0.60	98.80	0.60
Med Truck 5,751- 8,500	7.30	0.00	98.60	1.40
Lite-Heavy 8,501-10,000	1.10	0.00	81.80	18.20
Lite-Heavy 10,001-14,000	0.30	0.00	66.70	33.30
Med-Heavy 14,001-33,000	1.00	0.00	20.00	80.00
Heavy-Heavy 33,001-60,000	0.80	0.00	0.00	100.00
Line Haul > 60,000 lbs	0.00	0.00	0.00	100.00
Urban Bus	0.20	0.00	50.00	50.00
Motorcycle	1.60	50.00	50.00	0.00
School Bus	0.10	0.00	0.00	100.00
Motor Home	1.50	0.00	93.30	6.70

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	10.8	7.3	7.5	10.8	7.3	7.3
Rural Trip Length (miles)	15.0	10.0	10.0	15.0	10.0	10.0
Trip Speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	27.3	21.2	51.5			
% of Trips - Commercial (by land use)						
Regnl shop. center				2.0	1.0	97.0
General office building				35.0	17.5	47.5

Changes made to the default values for Land Use Trip Percentages

The Trip Rate and/or Acreage values for Condominium/townhouse high rise have changed from the defaults 5.26/7.81 to 5.13/7.81

Changes made to the default values for Area

The hearth option switch changed from on to off.
The landscape length of the summer period (in days) changed from 180 to 365.
The landscape year changed from 2005 to 2020.
The consumer product ROG pounds per person changed from 0.0171 to 0.0138.
The residential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.
The nonresidential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.

Changes made to the default values for Operations

The operational emission year changed from 2005 to 2020.
The operational winter temperature changed from 40 to 50.
The operational summer temperature changed from 85 to 75.
The operational summer selection item changed from 7 to 5.
The paved road silt loading factor changed from 0.1 to 0.03.

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 7.urb
Project Name: University Towne Center Scenario 7
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Pounds/Day - Summer)

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	15.95	9.61	9.00	0.00	0.02

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	41.06	56.53	482.56	0.88	76.29

SUM OF AREA AND OPERATIONAL EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	57.01	66.14	491.56	0.88	76.31

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 7.urb
Project Name: University Towne Center Scenario 7
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Pounds/Day - Winter)

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	15.68	9.58	7.11	0.00	0.02

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	47.21	72.44	541.57	0.88	76.29

SUM OF AREA AND OPERATIONAL EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	62.89	82.02	548.67	0.88	76.31

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 7.urb
Project Name: University Towne Center Scenario 7
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (tpy, unmitigated)	2.75	1.75	1.64	0.00	0.00

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (tpy, unmitigated)	7.87	11.28	91.66	0.16	13.92

SUM OF AREA AND OPERATIONAL EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (tpy, unmitigated)	10.62	13.04	93.30	0.16	13.93

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 7.urb
Project Name: University Towne Center Scenario 7
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
(Pounds/Day - Winter)

AREA SOURCE EMISSION ESTIMATES (Winter Pounds per Day, Unmitigated)

Source	ROG	NOx	CO	SO2	PM10
Natural Gas	0.71	9.58	7.11	0	0.02
Hearth	0.00	0.00	0.00	0.00	0.00
Landscaping - No winter emissions					
Consumer Prdcts	11.84	-	-	-	-
Architectural Coatings	3.13	-	-	-	-
TOTALS(lbs/day,unmitigated)	15.68	9.58	7.11	0.00	0.02

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	SO2	PM10
Condo/townhouse high rise	6.02	8.94	68.80	0.11	9.45
Hotel	8.50	13.02	97.00	0.16	13.72
Regnl shop. center	32.68	50.48	375.77	0.61	53.13

TOTAL EMISSIONS (lbs/day)	47.21	72.44	541.57	0.88	76.29

Does not include correction for passby trips.
Does not include double counting adjustment for internal trips.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2020 Temperature (F): 50 Season: Winter

EMFAC Version: EMFAC2002 (9/2002)

Summary of Land Uses:

Unit Type	Acreage	Trip Rate	No. Units	Total Trips
Condo/townhouse high rise	4.69	5.13 trips/dwelling unit	300.00	1,539.00
Hotel		10.00 trips/rooms	250.00	2,500.00
Regnl shop. center		23.11 trips/1000 sq. ft.	425.00	9,821.75
		Sum of Total Trips		13,860.75
		Total Vehicle Miles Traveled		103,937.53

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	54.40	0.40	99.40	0.20
Light Truck < 3,750 lbs	15.30	0.70	98.00	1.30
Light Truck 3,751- 5,750	16.40	0.60	98.80	0.60
Med Truck 5,751- 8,500	7.30	0.00	98.60	1.40
Lite-Heavy 8,501-10,000	1.10	0.00	81.80	18.20
Lite-Heavy 10,001-14,000	0.30	0.00	66.70	33.30
Med-Heavy 14,001-33,000	1.00	0.00	20.00	80.00
Heavy-Heavy 33,001-60,000	0.80	0.00	0.00	100.00
Line Haul > 60,000 lbs	0.00	0.00	0.00	100.00
Urban Bus	0.20	0.00	50.00	50.00
Motorcycle	1.60	50.00	50.00	0.00
School Bus	0.10	0.00	0.00	100.00
Motor Home	1.50	0.00	93.30	6.70

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	10.8	7.3	7.5	10.8	7.3	7.3
Rural Trip Length (miles)	15.0	10.0	10.0	15.0	10.0	10.0
Trip Speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	27.3	21.2	51.5			
% of Trips - Commercial (by land use)						
Hotel				5.0	2.5	92.5
Regnl shop. center				2.0	1.0	97.0

Changes made to the default values for Land Use Trip Percentages

The Trip Rate and/or Acreage values for Condominium/townhouse high rise have changed from the defaults 5.26/4.69 to 5.13/4.69

Changes made to the default values for Area

The hearth option switch changed from on to off.

The landscape length of the summer period (in days) changed from 180 to 365.
The landscape year changed from 2005 to 2020.
The consumer product ROG pounds per person changed from 0.0171 to 0.0138.
The residential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.
The nonresidential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.

Changes made to the default values for Operations

The operational emission year changed from 2005 to 2020.
The operational winter temperature changed from 40 to 50.
The operational summer temperature changed from 85 to 75.
The operational summer selection item changed from 7 to 5.
The paved road silt loading factor changed from 0.1 to 0.03.

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 7.urb
Project Name: University Towne Center Scenario 7
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
(Pounds/Day - Summer)

AREA SOURCE EMISSION ESTIMATES (Summer Pounds per Day, Unmitigated)

Source	ROG	NOx	CO	SO2	PM10
Natural Gas	0.71	9.58	7.11	0	0.02
Hearth - No summer emissions					
Landscaping	0.27	0.03	1.89	0.00	0.00
Consumer Prdcts	11.84	-	-	-	-
Architectural Coatings	3.13	-	-	-	-
TOTALS(lbs/day,unmitigated)	15.95	9.61	9.00	0.00	0.02

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	SO2	PM10
Condo/townhouse high rise	6.01	6.97	62.36	0.11	9.45
Hotel	7.70	10.16	86.37	0.16	13.72
Regnl shop. center	27.35	39.40	333.83	0.61	53.13
TOTAL EMISSIONS (lbs/day)	41.06	56.53	482.56	0.88	76.29

Does not include correction for passby trips.
Does not include double counting adjustment for internal trips.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2020 Temperature (F): 75 Season: Summer

EMFAC Version: EMFAC2002 (9/2002)

Summary of Land Uses:

	No.	Total

Unit Type	Acreage	Trip Rate	Units	Trips
Condo/townhouse high rise	4.69	5.13 trips/dwelling unit	300.00	1,539.00
Hotel		10.00 trips/rooms	250.00	2,500.00
Regnl shop. center		23.11 trips/1000 sq. ft.	425.00	9,821.75
		Sum of Total Trips		13,860.75
		Total Vehicle Miles Traveled		103,937.53

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	54.40	0.40	99.40	0.20
Light Truck < 3,750 lbs	15.30	0.70	98.00	1.30
Light Truck 3,751- 5,750	16.40	0.60	98.80	0.60
Med Truck 5,751- 8,500	7.30	0.00	98.60	1.40
Lite-Heavy 8,501-10,000	1.10	0.00	81.80	18.20
Lite-Heavy 10,001-14,000	0.30	0.00	66.70	33.30
Med-Heavy 14,001-33,000	1.00	0.00	20.00	80.00
Heavy-Heavy 33,001-60,000	0.80	0.00	0.00	100.00
Line Haul > 60,000 lbs	0.00	0.00	0.00	100.00
Urban Bus	0.20	0.00	50.00	50.00
Motorcycle	1.60	50.00	50.00	0.00
School Bus	0.10	0.00	0.00	100.00
Motor Home	1.50	0.00	93.30	6.70

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	10.8	7.3	7.5	10.8	7.3	7.3
Rural Trip Length (miles)	15.0	10.0	10.0	15.0	10.0	10.0
Trip Speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	27.3	21.2	51.5			
% of Trips - Commercial (by land use)						
Hotel				5.0	2.5	92.5
Regnl shop. center				2.0	1.0	97.0

Changes made to the default values for Land Use Trip Percentages

The Trip Rate and/or Acreage values for Condominium/townhouse high rise have changed from the defaults 5.26/4.69 to 5.13/4.69

Changes made to the default values for Area

The hearth option switch changed from on to off.
The landscape length of the summer period (in days) changed from 180 to 365.
The landscape year changed from 2005 to 2020.
The consumer product ROG pounds per person changed from 0.0171 to 0.0138.
The residential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.
The nonresidential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.

Changes made to the default values for Operations

The operational emission year changed from 2005 to 2020.
The operational winter temperature changed from 40 to 50.
The operational summer temperature changed from 85 to 75.
The operational summer selection item changed from 7 to 5.
The paved road silt loading factor changed from 0.1 to 0.03.

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 7.urb
Project Name: University Towne Center Scenario 7
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
(Tons/Year)

AREA SOURCE EMISSION ESTIMATES (Tons per Year, Unmitigated)

Source	ROG	NOx	CO	SO2	PM10
Natural Gas	0.13	1.75	1.30	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00
Landscaping	0.05	0.01	0.35	0.00	0.00
Consumer Prdcts	2.16	-	-	-	-
Architectural Coatings	0.41	-	-	-	-
TOTALS (tpy, unmitigated)	2.75	1.75	1.64	0.00	0.00

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	SO2	PM10
Condo/townhouse high rise	1.10	1.39	11.77	0.02	1.72
Hotel	1.45	2.03	16.41	0.03	2.50
Regnl shop. center	5.32	7.86	63.47	0.11	9.70
TOTAL EMISSIONS (tons/yr)	7.87	11.28	91.66	0.16	13.92

Does not include correction for passby trips.
Does not include double counting adjustment for internal trips.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2020 Season: Annual

EMFAC Version: EMFAC2002 (9/2002)

Summary of Land Uses:

Unit Type	Acreage	Trip Rate	No. Units	Total Trips
Condo/townhouse high rise	4.69	5.13 trips/dwelling unit	300.00	1,539.00
Hotel		10.00 trips/rooms	250.00	2,500.00
Regnl shop. center		23.11 trips/1000 sq. ft.	425.00	9,821.75
		Sum of Total Trips		13,860.75
		Total Vehicle Miles Traveled		103,937.53

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel

Light Auto	54.40	0.40	99.40	0.20
Light Truck < 3,750 lbs	15.30	0.70	98.00	1.30
Light Truck 3,751- 5,750	16.40	0.60	98.80	0.60
Med Truck 5,751- 8,500	7.30	0.00	98.60	1.40
Lite-Heavy 8,501-10,000	1.10	0.00	81.80	18.20
Lite-Heavy 10,001-14,000	0.30	0.00	66.70	33.30
Med-Heavy 14,001-33,000	1.00	0.00	20.00	80.00
Heavy-Heavy 33,001-60,000	0.80	0.00	0.00	100.00
Line Haul > 60,000 lbs	0.00	0.00	0.00	100.00
Urban Bus	0.20	0.00	50.00	50.00
Motorcycle	1.60	50.00	50.00	0.00
School Bus	0.10	0.00	0.00	100.00
Motor Home	1.50	0.00	93.30	6.70

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	10.8	7.3	7.5	10.8	7.3	7.3
Rural Trip Length (miles)	15.0	10.0	10.0	15.0	10.0	10.0
Trip Speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	27.3	21.2	51.5			
% of Trips - Commercial (by land use)						
Hotel				5.0	2.5	92.5
Regnl shop. center				2.0	1.0	97.0

Changes made to the default values for Land Use Trip Percentages

The Trip Rate and/or Acreage values for Condominium/townhouse high rise have changed from the defaults 5.26/4.69 to 5.13/4.69

Changes made to the default values for Area

The hearth option switch changed from on to off.
The landscape length of the summer period (in days) changed from 180 to 365.
The landscape year changed from 2005 to 2020.
The consumer product ROG pounds per person changed from 0.0171 to 0.0138.
The residential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.
The nonresidential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.

Changes made to the default values for Operations

The operational emission year changed from 2005 to 2020.
The operational winter temperature changed from 40 to 50.
The operational summer temperature changed from 85 to 75.
The operational summer selection item changed from 7 to 5.
The paved road silt loading factor changed from 0.1 to 0.03.

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 8.urb
Project Name: University Towne Center Scenario 8
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Pounds/Day - Summer)

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	29.30	11.22	9.39	0.00	0.02

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	42.71	57.18	491.53	0.89	77.23

SUM OF AREA AND OPERATIONAL EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	72.01	68.40	500.92	0.89	77.26

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 8.urb
Project Name: University Towne Center Scenario 8
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Pounds/Day - Winter)

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	29.03	11.19	7.49	0.00	0.02

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	48.00	73.29	550.23	0.89	77.23

SUM OF AREA AND OPERATIONAL EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	77.03	84.48	557.73	0.89	77.25

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 8.urb
Project Name: University Towne Center Scenario 8
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT
(Tons/Year)

AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (tpy, unmitigated)	5.14	2.05	1.71	0.00	0.00

OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (tpy, unmitigated)	8.12	11.42	93.28	0.16	14.10

SUM OF AREA AND OPERATIONAL EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (tpy, unmitigated)	13.26	13.46	94.99	0.16	14.10

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 8.urb
Project Name: University Towne Center Scenario 8
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
(Pounds/Day - Winter)

AREA SOURCE EMISSION ESTIMATES (Winter Pounds per Day, Unmitigated)

Source	ROG	NOx	CO	SO2	PM10
Natural Gas	0.83	11.19	7.49	0	0.02
Hearth	0.00	0.00	0.00	0.00	0.00
Landscaping - No winter emissions					
Consumer Prdcts	24.08	-	-	-	-
Architectural Coatings	4.11	-	-	-	-
TOTALS(lbs/day,unmitigated)	29.03	11.19	7.49	0.00	0.02

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	SO2	PM10
Condo/townhouse high rise	12.24	18.18	139.90	0.22	19.22
Hotel	8.50	13.02	97.00	0.16	13.72
Regnl shop. center	27.25	42.09	313.34	0.51	44.30

TOTAL EMISSIONS (lbs/day) 48.00 73.29 550.23 0.89 77.23

Does not include correction for passby trips.
Does not include double counting adjustment for internal trips.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2020 Temperature (F): 50 Season: Winter

EMFAC Version: EMFAC2002 (9/2002)

Summary of Land Uses:

Unit Type	Acreage	Trip Rate	No. Units	Total Trips
Condo/townhouse high rise	9.53	5.13 trips/dwelling unit	610.00	3,129.30
Hotel		10.00 trips/rooms	250.00	2,500.00
Regnl shop. center		23.40 trips/1000 sq. ft.	350.00	8,190.00
		Sum of Total Trips		13,819.30
		Total Vehicle Miles Traveled		105,204.05

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	54.40	0.40	99.40	0.20
Light Truck < 3,750 lbs	15.30	0.70	98.00	1.30
Light Truck 3,751- 5,750	16.40	0.60	98.80	0.60
Med Truck 5,751- 8,500	7.30	0.00	98.60	1.40
Lite-Heavy 8,501-10,000	1.10	0.00	81.80	18.20
Lite-Heavy 10,001-14,000	0.30	0.00	66.70	33.30
Med-Heavy 14,001-33,000	1.00	0.00	20.00	80.00
Heavy-Heavy 33,001-60,000	0.80	0.00	0.00	100.00
Line Haul > 60,000 lbs	0.00	0.00	0.00	100.00
Urban Bus	0.20	0.00	50.00	50.00
Motorcycle	1.60	50.00	50.00	0.00
School Bus	0.10	0.00	0.00	100.00
Motor Home	1.50	0.00	93.30	6.70

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	10.8	7.3	7.5	10.8	7.3	7.3
Rural Trip Length (miles)	15.0	10.0	10.0	15.0	10.0	10.0
Trip Speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	27.3	21.2	51.5			
% of Trips - Commercial (by land use)						
Hotel				5.0	2.5	92.5
Regnl shop. center				2.0	1.0	97.0

Changes made to the default values for Land Use Trip Percentages

The Trip Rate and/or Acreage values for Condominium/townhouse high rise have changed from the defaults 5.26/9.53 to 5.13/9.53

Changes made to the default values for Area

The hearth option switch changed from on to off.

The landscape length of the summer period (in days) changed from 180 to 365.
The landscape year changed from 2005 to 2020.
The consumer product ROG pounds per person changed from 0.0171 to 0.0138.
The residential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.
The nonresidential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.

Changes made to the default values for Operations

The operational emission year changed from 2005 to 2020.
The operational winter temperature changed from 40 to 50.
The operational summer temperature changed from 85 to 75.
The operational summer selection item changed from 7 to 5.
The paved road silt loading factor changed from 0.1 to 0.03.

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 8.urb
Project Name: University Towne Center Scenario 8
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
(Pounds/Day - Summer)

AREA SOURCE EMISSION ESTIMATES (Summer Pounds per Day, Unmitigated)

Source	ROG	NOx	CO	SO2	PM10
Natural Gas	0.83	11.19	7.49	0	0.02
Hearth - No summer emissions					
Landscaping	0.27	0.03	1.89	0.00	0.00
Consumer Prdcts	24.08	-	-	-	-
Architectural Coatings	4.11	-	-	-	-
TOTALS(lbs/day,unmitigated)	29.30	11.22	9.39	0.00	0.02

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	SO2	PM10
Condo/townhouse high rise	12.23	14.17	126.79	0.22	19.22
Hotel	7.70	10.16	86.37	0.16	13.72
Regnl shop. center	22.79	32.86	278.37	0.51	44.30
TOTAL EMISSIONS (lbs/day)	42.71	57.18	491.53	0.89	77.23

Does not include correction for passby trips.
Does not include double counting adjustment for internal trips.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2020 Temperature (F): 75 Season: Summer

EMFAC Version: EMFAC2002 (9/2002)

Summary of Land Uses:

	No.	Total

Unit Type	Acreage	Trip Rate	Units	Trips
Condo/townhouse high rise	9.53	5.13 trips/dwelling unit	610.00	3,129.30
Hotel		10.00 trips/rooms	250.00	2,500.00
Regnl shop. center		23.40 trips/1000 sq. ft.	350.00	8,190.00

Sum of Total Trips	13,819.30
Total Vehicle Miles Traveled	105,204.05

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	54.40	0.40	99.40	0.20
Light Truck < 3,750 lbs	15.30	0.70	98.00	1.30
Light Truck 3,751- 5,750	16.40	0.60	98.80	0.60
Med Truck 5,751- 8,500	7.30	0.00	98.60	1.40
Lite-Heavy 8,501-10,000	1.10	0.00	81.80	18.20
Lite-Heavy 10,001-14,000	0.30	0.00	66.70	33.30
Med-Heavy 14,001-33,000	1.00	0.00	20.00	80.00
Heavy-Heavy 33,001-60,000	0.80	0.00	0.00	100.00
Line Haul > 60,000 lbs	0.00	0.00	0.00	100.00
Urban Bus	0.20	0.00	50.00	50.00
Motorcycle	1.60	50.00	50.00	0.00
School Bus	0.10	0.00	0.00	100.00
Motor Home	1.50	0.00	93.30	6.70

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	10.8	7.3	7.5	10.8	7.3	7.3
Rural Trip Length (miles)	15.0	10.0	10.0	15.0	10.0	10.0
Trip Speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	27.3	21.2	51.5			
% of Trips - Commercial (by land use)						
Hotel				5.0	2.5	92.5
Regnl shop. center				2.0	1.0	97.0

Changes made to the default values for Land Use Trip Percentages

The Trip Rate and/or Acreage values for Condominium/townhouse high rise have changed from the defaults 5.26/9.53 to 5.13/9.53

Changes made to the default values for Area

The hearth option switch changed from on to off.
The landscape length of the summer period (in days) changed from 180 to 365.
The landscape year changed from 2005 to 2020.
The consumer product ROG pounds per person changed from 0.0171 to 0.0138.
The residential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.
The nonresidential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.

Changes made to the default values for Operations

The operational emission year changed from 2005 to 2020.
The operational winter temperature changed from 40 to 50.
The operational summer temperature changed from 85 to 75.
The operational summer selection item changed from 7 to 5.
The paved road silt loading factor changed from 0.1 to 0.03.

URBEMIS 2002 For Windows 8.7.0

File Name: C:\Program Files\URBEMIS 2002\Projects2k2\UTC Scenario 8.urb
Project Name: University Towne Center Scenario 8
Project Location: San Diego County
On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT
(Tons/Year)

AREA SOURCE EMISSION ESTIMATES (Tons per Year, Unmitigated)

Source	ROG	NOx	CO	SO2	PM10
Natural Gas	0.15	2.04	1.37	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00
Landscaping	0.05	0.01	0.35	0.00	0.00
Consumer Prdcts	4.40	-	-	-	-
Architectural Coatings	0.54	-	-	-	-
TOTALS (tpy, unmitigated)	5.14	2.05	1.71	0.00	0.00

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	SO2	PM10
Condo/townhouse high rise	2.23	2.83	23.94	0.04	3.51
Hotel	1.45	2.03	16.41	0.03	2.50
Regnl shop. center	4.43	6.56	52.93	0.09	8.08
TOTAL EMISSIONS (tons/yr)	8.12	11.42	93.28	0.16	14.10

Does not include correction for passby trips.
Does not include double counting adjustment for internal trips.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2020 Season: Annual

EMFAC Version: EMFAC2002 (9/2002)

Summary of Land Uses:

Unit Type	Acreage	Trip Rate	No. Units	Total Trips
Condo/townhouse high rise	9.53	5.13 trips/dwelling unit	610.00	3,129.30
Hotel		10.00 trips/rooms	250.00	2,500.00
Regnl shop. center		23.40 trips/1000 sq. ft.	350.00	8,190.00
		Sum of Total Trips		13,819.30
		Total Vehicle Miles Traveled		105,204.05

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel

Light Auto	54.40	0.40	99.40	0.20
Light Truck < 3,750 lbs	15.30	0.70	98.00	1.30
Light Truck 3,751- 5,750	16.40	0.60	98.80	0.60
Med Truck 5,751- 8,500	7.30	0.00	98.60	1.40
Lite-Heavy 8,501-10,000	1.10	0.00	81.80	18.20
Lite-Heavy 10,001-14,000	0.30	0.00	66.70	33.30
Med-Heavy 14,001-33,000	1.00	0.00	20.00	80.00
Heavy-Heavy 33,001-60,000	0.80	0.00	0.00	100.00
Line Haul > 60,000 lbs	0.00	0.00	0.00	100.00
Urban Bus	0.20	0.00	50.00	50.00
Motorcycle	1.60	50.00	50.00	0.00
School Bus	0.10	0.00	0.00	100.00
Motor Home	1.50	0.00	93.30	6.70

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	10.8	7.3	7.5	10.8	7.3	7.3
Rural Trip Length (miles)	15.0	10.0	10.0	15.0	10.0	10.0
Trip Speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	27.3	21.2	51.5			
% of Trips - Commercial (by land use)						
Hotel				5.0	2.5	92.5
Regnl shop. center				2.0	1.0	97.0

Changes made to the default values for Land Use Trip Percentages

The Trip Rate and/or Acreage values for Condominium/townhouse high rise have changed from the defaults 5.26/9.53 to 5.13/9.53

Changes made to the default values for Area

The hearth option switch changed from on to off.
The landscape length of the summer period (in days) changed from 180 to 365.
The landscape year changed from 2005 to 2020.
The consumer product ROG pounds per person changed from 0.0171 to 0.0138.
The residential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.
The nonresidential Arch. Coatings ROG emission factor changed from 0.0185 to 0.00462.

Changes made to the default values for Operations

The operational emission year changed from 2005 to 2020.
The operational winter temperature changed from 40 to 50.
The operational summer temperature changed from 85 to 75.
The operational summer selection item changed from 7 to 5.
The paved road silt loading factor changed from 0.1 to 0.03.

CALINE4 Model Outputs

```
          CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
                   JUNE 1989 VERSION
                   PAGE   1

                JOB: LJV & Regents 2010 NP am
                RUN: Hour 1            (WORST CASE ANGLE)
         POLLUTANT: Carbon Monoxide

   I.  SITE VARIABLES

          U=    1.0 M/S              Z0= 100. CM             ALT=      0.
(M)
        BRG= WORST CASE             VD=    .0 CM/S
       CLAS=       7 (G)            VS=    .0 CM/S
       MIXH=  1000. M               AMB=    .0 PPM
      SIGTH=    10. DEGREES        TEMP= 37.0 DEGREE (C)


  II.  LINK VARIABLES

       LINK        *  LINK COORDINATES (M)    *                EF      H
W
    DESCRIPTION    *   X1     Y1     X2     Y2  * TYPE  VPH   (G/MI)   (M)
(M)
 ---------------*-------------------------*--------------------------
---
 A. LJV EB LA    *  -150      0      0      0 *  AG    740    7.5      .0
10.0
 B. LJV EB TA    *  -150     -9      0     -9 *  AG   1560    7.5      .0
10.0
 C. LJV EB RA    *  -150    -17     -5    -17 *  AG     60    7.5      .0
10.0
 D. LJV EB TD    *     0     -9    149    -30 *  AG   1898    7.5      .0
10.0
 E. LJV WB LA    *   149    -21      0      0 *  AG     60    7.5      .0
10.0
 F. LJV WB TA    *   149    -12      0      9 *  AG    960    7.5      .0
10.0
 G. LJV WB RA    *   149     -4      7     17 *  AG    180    7.5      .0
10.0
 H. LJV WB TD    *     0      9   -150      9 *  AG   1620    7.5      .0
10.0
 I. Reg NB LA    *   -80   -127      0      0 *  AG    280    7.5      .0
10.0
 J. Reg NB TA    *   -73   -127      7      0 *  AG    730    7.5      .0
10.0
```

```
 K. Reg NB RA     *   -68  -127    12     0 *  AG   210   7.5     .0
10.0
 L. Reg NB TD     *     7     0    86   127 *  AG  1650   7.5     .0
10.0
 M. Reg SB LA     *    80   127     0     0 *  AG   128   7.5     .0
10.0
 N. Reg SB TA     *    74   127    -5     0 *  AG   110   7.5     .0
10.0
 O. Reg SB RA     *    69   127   -10     0 *  AG   380   7.5     .0
10.0
 P. Reg SB TD     *    -5     0   -85  -127 *  AG   230   7.5     .0
10.0
```

JOB: LJV & Regents 2010 NP am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. Recpt 1	*	-30	-25	1.8
2. Recpt 2	*	-40	-40	1.8
3. Recpt 3	*	-50	-55	1.8
4. Recpt 4	*	-60	-25	1.8
5. Recpt 5	*	-90	-25	1.8
6. Recpt 6	*	-10	20	1.8
7. Recpt 7	*	0	35	1.8
8. Recpt 8	*	10	50	1.8
9. Recpt 9	*	-40	20	1.8
10. Recpt 10	*	-70	20	1.8
11. Recpt 11	*	10	-20	1.8
12. Recpt 12	*	40	-23	1.8
13. Recpt 13	*	70	-26	1.8
14. Recpt 14	*	0	-35	1.8
15. Recpt 15	*	-10	-50	1.8
16. Recpt 16	*	35	22	1.8
17. Recpt 17	*	65	20	1.8
18. Recpt 18	*	95	17	1.8
19. Recpt 19	*	47	42	1.8
20. Recpt 20	*	59	62	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: LJV & Regents 2010 NP am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Recpt 1	44.	1.4	.1	.4	.0	.0	.0	.0	.0	.0
2. Recpt 2	43.	1.1	.0	.2	.0	.0	.0	.0	.0	.0
3. Recpt 3	42.	1.0	.0	.1	.0	.0	.0	.0	.0	.0
4. Recpt 4	54.	1.2	.1	.4	.0	.0	.0	.0	.0	.2
5. Recpt 5	62.	1.2	.2	.4	.0	.0	.0	.0	.0	.2
6. Recpt 6	113.	1.2	.0	.0	.0	.3	.0	.4	.0	.0
7. Recpt 7	195.	1.0	.0	.2	.0	.0	.0	.0	.0	.2
8. Recpt 8	197.	1.0	.0	.1	.0	.0	.0	.0	.0	.1
9. Recpt 9	114.	1.3	.0	.0	.0	.4	.0	.0	.0	.5
10. Recpt 10	110.	1.4	.1	.1	.0	.3	.0	.0	.0	.6
11. Recpt 11	287.	1.5	.2	.6	.0	.0	.0	.0	.0	.3
12. Recpt 12	293.	1.5	.2	.2	.0	.7	.0	.0	.0	.3
13. Recpt 13	290.	1.7	.0	.0	.0	1.0	.0	.0	.0	.2
14. Recpt 14	18.	1.2	.0	.0	.0	.3	.0	.1	.0	.0
15. Recpt 15	18.	1.1	.0	.0	.0	.1	.0	.0	.0	.0
16. Recpt 16	254.	1.6	.2	.3	.0	.0	.0	.0	.0	.4
17. Recpt 17	258.	1.2	.2	.2	.0	.0	.0	.2	.0	.2
18. Recpt 18	261.	1.0	.1	.2	.0	.0	.0	.2	.0	.1
19. Recpt 19	243.	1.3	.1	.2	.0	.0	.0	.0	.0	.2
20. Recpt 20	236.	1.2	.0	.2	.0	.0	.0	.0	.0	.2

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: LJV & Regents 2010 NP am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM) I	J	K	L	M	N	O	P
1. Recpt 1	*	.0	.0	.0	.4	.0	.0	.0	.0
2. Recpt 2	*	.0	.0	.0	.3	.0	.0	.0	.0
3. Recpt 3	*	.0	.0	.0	.3	.0	.0	.0	.0
4. Recpt 4	*	.0	.0	.0	.2	.0	.0	.0	.0
5. Recpt 5	*	.0	.0	.0	.2	.0	.0	.0	.0
6. Recpt 6	*	.0	.0	.0	.2	.0	.0	.0	.0
7. Recpt 7	*	.0	.2	.0	.0	.0	.0	.1	.0
8. Recpt 8	*	.0	.2	.0	.0	.0	.0	.2	.0
9. Recpt 9	*	.0	.0	.0	.0	.0	.0	.0	.0
10. Recpt 10	*	.0	.0	.0	.0	.0	.0	.0	.0
11. Recpt 11	*	.0	.2	.0	.0	.0	.0	.0	.0
12. Recpt 12	*	.0	.0	.0	.0	.0	.0	.0	.0
13. Recpt 13	*	.0	.0	.0	.0	.0	.0	.0	.0
14. Recpt 14	*	.0	.0	.0	.4	.0	.0	.0	.0
15. Recpt 15	*	.0	.2	.1	.3	.0	.0	.0	.0
16. Recpt 16	*	.0	.0	.0	.5	.0	.0	.0	.0
17. Recpt 17	*	.0	.0	.0	.2	.0	.0	.0	.0
18. Recpt 18	*	.0	.0	.0	.1	.0	.0	.0	.0
19. Recpt 19	*	.0	.0	.0	.5	.0	.0	.0	.0
20. Recpt 20	*	.0	.0	.0	.6	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: LJV & Regents 2010 NP pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 37.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. LJV EB LA	*	-150	0	0	0	* AG	300	7.5	.0	10.0
B. LJV EB TA	*	-150	-9	0	-9	* AG	1170	7.5	.0	10.0
C. LJV EB RA	*	-150	-17	-5	-17	* AG	230	7.5	.0	10.0
D. LJV EB TD	*	0	-9	149	-30	* AG	1400	7.5	.0	10.0
E. LJV WB LA	*	149	-21	0	0	* AG	250	7.5	.0	10.0
F. LJV WB TA	*	149	-12	0	9	* AG	1840	7.5	.0	10.0
G. LJV WB RA	*	149	-4	7	17	* AG	120	7.5	.0	10.0
H. LJV WB TD	*	0	9	-150	9	* AG	2510	7.5	.0	10.0
I. Reg NB LA	*	-80	-127	0	0	* AG	120	7.5	.0	10.0
J. Reg NB TA	*	-73	-127	7	0	* AG	240	7.5	.0	10.0

```
 K. Reg NB RA     *   -68  -127    12      0 *  AG     70   7.5      .0
10.0
 L. Reg NB TD     *     7     0    86    127 *  AG    660   7.5      .0
10.0
 M. Reg SB LA     *    80   127     0      0 *  AG    160   7.5      .0
10.0
 N. Reg SB TA     *    74   127    -5      0 *  AG    730   7.5      .0
10.0
 O. Reg SB RA     *    69   127   -10      0 *  AG    550   7.5      .0
10.0
 P. Reg SB TD     *    -5     0   -85   -127 *  AG   1210   7.5      .0
10.0
```

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

JOB: LJV & Regents 2010 NP pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. Recpt 1	*	-30	-25	1.8
2. Recpt 2	*	-40	-40	1.8
3. Recpt 3	*	-50	-55	1.8
4. Recpt 4	*	-60	-25	1.8
5. Recpt 5	*	-90	-25	1.8
6. Recpt 6	*	-10	20	1.8
7. Recpt 7	*	0	35	1.8
8. Recpt 8	*	10	50	1.8
9. Recpt 9	*	-40	20	1.8
10. Recpt 10	*	-70	20	1.8
11. Recpt 11	*	10	-20	1.8
12. Recpt 12	*	40	-23	1.8
13. Recpt 13	*	70	-26	1.8
14. Recpt 14	*	0	-35	1.8
15. Recpt 15	*	-10	-50	1.8
16. Recpt 16	*	35	22	1.8
17. Recpt 17	*	65	20	1.8
18. Recpt 18	*	95	17	1.8
19. Recpt 19	*	47	42	1.8
20. Recpt 20	*	59	62	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: LJV & Regents 2010 NP pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Recpt 1	44.	1.7	.0	.3	.0	.0	.0	.1	.0	.1
2. Recpt 2	42.	1.4	.0	.2	.0	.0	.0	.1	.0	.0
3. Recpt 3	42.	1.3	.0	.1	.0	.0	.0	.1	.0	.0
4. Recpt 4	54.	1.2	.0	.3	.0	.0	.0	.0	.0	.3
5. Recpt 5	64.	1.2	.0	.3	.1	.0	.0	.0	.0	.3
6. Recpt 6	113.	1.6	.0	.0	.0	.3	.0	.8	.0	.0
7. Recpt 7	195.	1.2	.0	.1	.0	.0	.0	.0	.0	.3
8. Recpt 8	197.	1.1	.0	.0	.0	.0	.0	.0	.0	.2
9. Recpt 9	110.	1.6	.0	.0	.0	.3	.0	.3	.0	.7
10. Recpt 10	107.	1.6	.0	.0	.0	.2	.0	.1	.0	.8
11. Recpt 11	287.	1.3	.0	.5	.0	.0	.0	.0	.0	.4
12. Recpt 12	294.	1.4	.0	.1	.0	.6	.0	.0	.0	.4
13. Recpt 13	291.	1.5	.0	.0	.0	.8	.0	.0	.0	.3
14. Recpt 14	17.	1.1	.0	.0	.0	.2	.0	.2	.0	.0
15. Recpt 15	18.	1.0	.0	.0	.0	.1	.0	.1	.0	.0
16. Recpt 16	254.	1.6	.0	.2	.0	.0	.0	.2	.0	.5
17. Recpt 17	257.	1.3	.0	.2	.0	.0	.0	.3	.0	.2
18. Recpt 18	260.	1.1	.0	.2	.0	.0	.0	.3	.0	.2
19. Recpt 19	244.	1.2	.0	.2	.0	.0	.0	.0	.0	.3
20. Recpt 20	236.	1.1	.0	.1	.0	.0	.0	.0	.0	.2

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: LJV & Regents 2010 NP pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM) I	J	K	L	M	N	O	P
1. Recpt 1	*	.0	.0	.0	.2	.0	.2	.1	.4
2. Recpt 2	*	.0	.0	.0	.2	.0	.2	.0	.4
3. Recpt 3	*	.0	.0	.0	.1	.0	.1	.0	.4
4. Recpt 4	*	.0	.0	.0	.1	.0	.1	.1	.0
5. Recpt 5	*	.0	.0	.0	.0	.0	.0	.0	.0
6. Recpt 6	*	.0	.0	.0	.1	.0	.2	.1	.0
7. Recpt 7	*	.0	.0	.0	.0	.0	.0	.2	.3
8. Recpt 8	*	.0	.0	.0	.0	.0	.1	.2	.2
9. Recpt 9	*	.0	.0	.0	.0	.0	.0	.0	.0
10. Recpt 10	*	.0	.0	.0	.0	.0	.0	.0	.0
11. Recpt 11	*	.0	.0	.0	.0	.0	.0	.0	.2
12. Recpt 12	*	.0	.0	.0	.0	.0	.0	.0	.0
13. Recpt 13	*	.0	.0	.0	.0	.0	.0	.0	.0
14. Recpt 14	*	.0	.0	.0	.2	.0	.2	.1	.0
15. Recpt 15	*	.0	.0	.0	.1	.0	.2	.1	.0
16. Recpt 16	*	.0	.0	.0	.2	.0	.1	.0	.0
17. Recpt 17	*	.0	.0	.0	.0	.0	.0	.0	.0
18. Recpt 18	*	.0	.0	.0	.0	.0	.0	.0	.0
19. Recpt 19	*	.0	.0	.0	.2	.0	.2	.1	.0
20. Recpt 20	*	.0	.0	.0	.3	.0	.2	.1	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: LJV & Regents 2010 Proj am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 37.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. LJV EB LA	*	-150	0	0	0	* AG	740	7.5	.0	10.0
B. LJV EB TA	*	-150	-9	0	-9	* AG	1586	7.5	.0	10.0
C. LJV EB RA	*	-150	-17	-5	-17	* AG	80	7.5	.0	10.0
D. LJV EB TD	*	0	-9	149	-30	* AG	1934	7.5	.0	10.0
E. LJV WB LA	*	149	-21	0	0	* AG	67	7.5	.0	10.0
F. LJV WB TA	*	149	-12	0	9	* AG	978	7.5	.0	10.0
G. LJV WB RA	*	149	-4	7	17	* AG	180	7.5	.0	10.0
H. LJV WB TD	*	0	9	-150	9	* AG	1638	7.5	.0	10.0
I. Reg NB LA	*	-80	-127	0	0	* AG	280	7.5	.0	10.0
J. Reg NB TA	*	-73	-127	7	0	* AG	730	7.5	.0	10.0

```
 K. Reg NB RA    *   -68  -127    12     0 *  AG    220   7.5     .0
10.0
 L. Reg NB TD    *     7     0    86   127 *  AG   1650   7.5     .0
10.0
 M. Reg SB LA    *    80   127     0     0 *  AG    128   7.5     .0
10.0
 N. Reg SB TA    *    74   127    -5     0 *  AG    110   7.5     .0
10.0
 O. Reg SB RA    *    69   127   -10     0 *  AG    380   7.5     .0
10.0
 P. Reg SB TD    *    -5     0   -85  -127 *  AG    237   7.5     .0
10.0
```

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

JOB: LJV & Regents 2010 Proj am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. Recpt 1	*	-30	-25	1.8
2. Recpt 2	*	-40	-40	1.8
3. Recpt 3	*	-50	-55	1.8
4. Recpt 4	*	-60	-25	1.8
5. Recpt 5	*	-90	-25	1.8
6. Recpt 6	*	-10	20	1.8
7. Recpt 7	*	0	35	1.8
8. Recpt 8	*	10	50	1.8
9. Recpt 9	*	-40	20	1.8
10. Recpt 10	*	-70	20	1.8
11. Recpt 11	*	10	-20	1.8
12. Recpt 12	*	40	-23	1.8
13. Recpt 13	*	70	-26	1.8
14. Recpt 14	*	0	-35	1.8
15. Recpt 15	*	-10	-50	1.8
16. Recpt 16	*	35	22	1.8
17. Recpt 17	*	65	20	1.8
18. Recpt 18	*	95	17	1.8
19. Recpt 19	*	47	42	1.8
20. Recpt 20	*	59	62	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: LJV & Regents 2010 Proj am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Recpt 1	44.	1.4	.1	.4	.0	.0	.0	.0	.0	.0
2. Recpt 2	43.	1.2	.0	.2	.0	.0	.0	.0	.0	.0
3. Recpt 3	42.	1.0	.0	.2	.0	.0	.0	.0	.0	.0
4. Recpt 4	54.	1.2	.1	.4	.0	.0	.0	.0	.0	.2
5. Recpt 5	63.	1.2	.2	.4	.0	.0	.0	.0	.0	.2
6. Recpt 6	113.	1.3	.0	.0	.0	.3	.0	.5	.0	.0
7. Recpt 7	195.	1.0	.0	.2	.0	.0	.0	.0	.0	.2
8. Recpt 8	197.	1.0	.0	.1	.0	.0	.0	.0	.0	.1
9. Recpt 9	114.	1.3	.0	.0	.0	.4	.0	.0	.0	.5
10. Recpt 10	110.	1.4	.1	.1	.0	.3	.0	.0	.0	.6
11. Recpt 11	287.	1.5	.2	.6	.0	.0	.0	.0	.0	.3
12. Recpt 12	293.	1.5	.2	.2	.0	.7	.0	.0	.0	.3
13. Recpt 13	290.	1.7	.0	.0	.0	1.0	.0	.0	.0	.2
14. Recpt 14	18.	1.2	.0	.0	.0	.3	.0	.1	.0	.0
15. Recpt 15	18.	1.1	.0	.0	.0	.1	.0	.0	.0	.0
16. Recpt 16	254.	1.6	.2	.3	.0	.0	.0	.0	.0	.4
17. Recpt 17	258.	1.2	.2	.3	.0	.0	.0	.2	.0	.2
18. Recpt 18	260.	1.0	.1	.2	.0	.0	.0	.2	.0	.1
19. Recpt 19	243.	1.3	.1	.2	.0	.0	.0	.0	.0	.2
20. Recpt 20	236.	1.2	.0	.2	.0	.0	.0	.0	.0	.2

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: LJV & Regents 2010 Proj am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM) I	J	K	L	M	N	O	P
1. Recpt 1	*	.0	.0	.0	.4	.0	.0	.0	.0
2. Recpt 2	*	.0	.0	.0	.3	.0	.0	.0	.0
3. Recpt 3	*	.0	.0	.0	.3	.0	.0	.0	.1
4. Recpt 4	*	.0	.0	.0	.2	.0	.0	.0	.0
5. Recpt 5	*	.0	.0	.0	.2	.0	.0	.0	.0
6. Recpt 6	*	.0	.0	.0	.2	.0	.0	.0	.0
7. Recpt 7	*	.0	.2	.0	.0	.0	.0	.1	.0
8. Recpt 8	*	.0	.2	.0	.0	.0	.0	.2	.0
9. Recpt 9	*	.0	.0	.0	.0	.0	.0	.0	.0
10. Recpt 10	*	.0	.0	.0	.0	.0	.0	.0	.0
11. Recpt 11	*	.0	.2	.0	.0	.0	.0	.0	.0
12. Recpt 12	*	.0	.0	.0	.0	.0	.0	.0	.0
13. Recpt 13	*	.0	.0	.0	.0	.0	.0	.0	.0
14. Recpt 14	*	.0	.0	.0	.4	.0	.0	.0	.0
15. Recpt 15	*	.0	.2	.1	.3	.0	.0	.0	.0
16. Recpt 16	*	.0	.0	.0	.5	.0	.0	.0	.0
17. Recpt 17	*	.0	.0	.0	.2	.0	.0	.0	.0
18. Recpt 18	*	.0	.0	.0	.0	.0	.0	.0	.0
19. Recpt 19	*	.0	.0	.0	.5	.0	.0	.0	.0
20. Recpt 20	*	.0	.0	.0	.6	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: LJV & Regents 2010 Proj pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0.
(M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 37.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. LJV EB LA	*	-150	0	0	0	* AG	300	7.5	.0	10.0
B. LJV EB TA	*	-150	-9	0	-9	* AG	1252	7.5	.0	10.0
C. LJV EB RA	*	-150	-17	-5	-17	* AG	230	7.5	.0	10.0
D. LJV EB TD	*	0	-9	149	-30	* AG	1515	7.5	.0	10.0
E. LJV WB LA	*	149	-21	0	0	* AG	281	7.5	.0	10.0
F. LJV WB TA	*	149	-12	0	9	* AG	1918	7.5	.0	10.0
G. LJV WB RA	*	149	-4	7	17	* AG	120	7.5	.0	10.0
H. LJV WB TD	*	0	9	-150	9	* AG	2588	7.5	.0	10.0
I. Reg NB LA	*	-80	-127	0	0	* AG	120	7.5	.0	10.0
J. Reg NB TA	*	-73	-127	7	0	* AG	240	7.5	.0	10.0

```
 K. Reg NB RA     *   -68  -127    12     0 *  AG    103   7.5      .0
10.0
 L. Reg NB TD     *     7     0    86   127 *  AG    660   7.5      .0
10.0
 M. Reg SB LA     *    80   127     0     0 *  AG    160   7.5      .0
10.0
 N. Reg SB TA     *    74   127    -5     0 *  AG    730   7.5      .0
10.0
 O. Reg SB RA     *    69   127   -10     0 *  AG    550   7.5      .0
10.0
 P. Reg SB TD     *    -5     0   -85  -127 *  AG   1241   7.5      .0
10.0
```

JOB: LJV & Regents 2010 Proj pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. Recpt 1	*	-30	-25	1.8
2. Recpt 2	*	-40	-40	1.8
3. Recpt 3	*	-50	-55	1.8
4. Recpt 4	*	-60	-25	1.8
5. Recpt 5	*	-90	-25	1.8
6. Recpt 6	*	-10	20	1.8
7. Recpt 7	*	0	35	1.8
8. Recpt 8	*	10	50	1.8
9. Recpt 9	*	-40	20	1.8
10. Recpt 10	*	-70	20	1.8
11. Recpt 11	*	10	-20	1.8
12. Recpt 12	*	40	-23	1.8
13. Recpt 13	*	70	-26	1.8
14. Recpt 14	*	0	-35	1.8
15. Recpt 15	*	-10	-50	1.8
16. Recpt 16	*	35	22	1.8
17. Recpt 17	*	65	20	1.8
18. Recpt 18	*	95	17	1.8
19. Recpt 19	*	47	42	1.8
20. Recpt 20	*	59	62	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: LJV & Regents 2010 Proj pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Recpt 1	44.	1.7	.0	.3	.0	.0	.0	.2	.0	.1
2. Recpt 2	43.	1.4	.0	.2	.0	.0	.0	.1	.0	.0
3. Recpt 3	42.	1.3	.0	.1	.0	.0	.0	.1	.0	.0
4. Recpt 4	54.	1.3	.0	.3	.0	.0	.0	.0	.0	.3
5. Recpt 5	64.	1.2	.0	.4	.1	.0	.0	.0	.0	.3
6. Recpt 6	113.	1.7	.0	.0	.0	.3	.0	.8	.0	.0
7. Recpt 7	195.	1.2	.0	.1	.0	.0	.0	.0	.0	.3
8. Recpt 8	197.	1.2	.0	.1	.0	.0	.0	.0	.0	.2
9. Recpt 9	111.	1.7	.0	.0	.0	.3	.0	.3	.0	.7
10. Recpt 10	107.	1.6	.0	.0	.0	.3	.0	.1	.0	.8
11. Recpt 11	287.	1.4	.0	.5	.0	.0	.0	.0	.0	.4
12. Recpt 12	295.	1.4	.0	.0	.0	.6	.0	.0	.0	.4
13. Recpt 13	291.	1.6	.0	.0	.0	.8	.0	.0	.0	.3
14. Recpt 14	16.	1.1	.0	.0	.0	.2	.0	.2	.0	.0
15. Recpt 15	18.	1.0	.0	.0	.0	.1	.0	.1	.0	.0
16. Recpt 16	254.	1.6	.0	.2	.0	.0	.0	.2	.0	.5
17. Recpt 17	257.	1.3	.0	.2	.0	.0	.0	.3	.0	.2
18. Recpt 18	260.	1.2	.0	.2	.0	.0	.0	.4	.0	.2
19. Recpt 19	244.	1.2	.0	.2	.0	.0	.0	.0	.0	.3
20. Recpt 20	236.	1.1	.0	.1	.0	.0	.0	.0	.0	.3

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: LJV & Regents 2010 Proj pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM) I	J	K	L	M	N	O	P
1. Recpt 1	*	.0	.0	.0	.2	.0	.2	.1	.4
2. Recpt 2	*	.0	.0	.0	.2	.0	.1	.0	.4
3. Recpt 3	*	.0	.0	.0	.1	.0	.1	.0	.4
4. Recpt 4	*	.0	.0	.0	.1	.0	.1	.1	.0
5. Recpt 5	*	.0	.0	.0	.0	.0	.0	.0	.0
6. Recpt 6	*	.0	.0	.0	.1	.0	.2	.1	.0
7. Recpt 7	*	.0	.0	.0	.0	.0	.0	.2	.3
8. Recpt 8	*	.0	.0	.0	.0	.0	.1	.2	.2
9. Recpt 9	*	.0	.0	.0	.0	.0	.0	.0	.0
10. Recpt 10	*	.0	.0	.0	.0	.0	.0	.0	.0
11. Recpt 11	*	.0	.0	.0	.0	.0	.0	.0	.2
12. Recpt 12	*	.0	.0	.0	.0	.0	.0	.0	.0
13. Recpt 13	*	.0	.0	.0	.0	.0	.0	.0	.0
14. Recpt 14	*	.0	.0	.0	.2	.0	.2	.1	.0
15. Recpt 15	*	.0	.0	.0	.1	.0	.2	.1	.0
16. Recpt 16	*	.0	.0	.0	.2	.0	.1	.0	.0
17. Recpt 17	*	.0	.0	.0	.0	.0	.0	.0	.0
18. Recpt 18	*	.0	.0	.0	.0	.0	.0	.0	.0
19. Recpt 19	*	.0	.0	.0	.2	.0	.2	.1	.0
20. Recpt 20	*	.0	.0	.0	.3	.0	.2	.1	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: LJV & Genessee 2010 NP am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0.
(M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 37.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H W (M)
A. LJV EB LA	*	-251	-67	0	0	* AG	510	7.5	.0 10.0
B. LJV EB TA	*	-251	-75	0	-8	* AG	1450	7.5	.0 10.0
C. LJV EB RA	*	-251	-82	0	-15	* AG	150	7.5	.0 10.0
D. LJV EB TD	*	0	-8	251	59	* AG	2010	7.5	.0 10.0
E. LJV WB LA	*	251	67	0	0	* AG	180	7.5	.0 10.0
F. LJV WB TA	*	251	75	0	8	* AG	950	7.5	.0 10.0
G. LJV WB RA	*	251	82	0	15	* AG	720	7.5	.0 10.0
H. LJV WB TD	*	0	8	-251	-59	* AG	1260	7.5	.0 10.0
I. Gen NB LA	*	0	-260	0	0	* AG	230	7.5	.0 10.0
J. Gen NB TA	*	8	-260	9	0	* AG	1860	7.5	.0 10.0

```
 K. Gen NB TD    *     9     0    11   260 *  AG   2740   7.5     .0
10.0
 L. Gen SB LA    *     0   260     0     0 *  AG    210   7.5     .0
10.0
 M. Gen SB TA    *    -8   260    -9     0 *  AG    230   7.5     .0
10.0
 N. Gen SB RA    *   -15   260   -15     0 *  AG     80   7.5     .0
10.0
 O. Gen SB TD    *    -9     0   -11  -260 *  AG    540   7.5     .0
10.0
```

JOB: LJV & Genessee 2010 NP am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. Recpt 1	*	-30	-38	1.8
2. Recpt 2	*	-30	-58	1.8
3. Recpt 3	*	-30	-78	1.8
4. Recpt 4	*	-49	-43	1.8
5. Recpt 5	*	-69	-48	1.8
6. Recpt 6	*	-21	20	1.8
7. Recpt 7	*	-40	15	1.8
8. Recpt 8	*	-60	10	1.8
9. Recpt 9	*	-79	5	1.8
10. Recpt 10	*	-21	40	1.8
11. Recpt 11	*	-21	60	1.8
12. Recpt 12	*	-30	80	1.8
13. Recpt 13	*	50	38	1.8
14. Recpt 14	*	20	66	1.8
15. Recpt 15	*	41	55	1.8
16. Recpt 16	*	21	-40	1.8
17. Recpt 17	*	21	-60	1.8
18. Recpt 18	*	21	-80	1.8
19. Recpt 19	*	46	-23	1.8
20. Recpt 20	*	65	-15	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: LJV & Genessee 2010 NP am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Recpt 1	57.	1.2	.0	.0	.0	.4	.0	.2	.1	.0
2. Recpt 2	28.	1.0	.0	.1	.0	.0	.0	.0	.0	.0
3. Recpt 3	19.	1.0	.0	.1	.0	.0	.0	.0	.0	.0
4. Recpt 4	58.	1.2	.0	.1	.0	.3	.0	.2	.1	.0
5. Recpt 5	59.	1.2	.0	.2	.0	.2	.0	.2	.1	.0
6. Recpt 6	89.	1.5	.0	.0	.0	.3	.0	.3	.3	.0
7. Recpt 7	87.	1.2	.0	.0	.0	.3	.0	.3	.2	.0
8. Recpt 8	87.	1.1	.0	.0	.0	.3	.0	.2	.1	.1
9. Recpt 9	87.	1.1	.0	.0	.0	.3	.0	.2	.0	.2
10. Recpt 10	95.	1.1	.0	.0	.0	.3	.0	.2	.2	.0
11. Recpt 11	167.	1.0	.0	.0	.0	.0	.0	.0	.0	.1
12. Recpt 12	105.	.8	.0	.0	.0	.2	.0	.1	.0	.0
13. Recpt 13	239.	1.5	.1	.3	.0	.0	.0	.2	.3	.2
14. Recpt 14	196.	1.6	.0	.0	.0	.0	.0	.0	.0	.0
15. Recpt 15	221.	1.1	.0	.2	.0	.0	.0	.0	.1	.1
16. Recpt 16	349.	1.4	.0	.0	.0	.2	.0	.0	.0	.0
17. Recpt 17	350.	1.3	.0	.0	.0	.2	.0	.0	.0	.0
18. Recpt 18	350.	1.2	.0	.0	.0	.1	.0	.0	.0	.0
19. Recpt 19	270.	1.0	.1	.3	.0	.0	.0	.0	.0	.2
20. Recpt 20	269.	1.0	.1	.3	.0	.0	.0	.0	.0	.2

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: LJV & Genessee 2010 NP am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM) I	J	K	L	M	N	O
1. Recpt 1	*	.0	.2	.0	.0	.0	.0	.1
2. Recpt 2	*	.0	.0	.3	.0	.0	.0	.1
3. Recpt 3	*	.0	.0	.3	.0	.0	.0	.1
4. Recpt 4	*	.0	.1	.0	.0	.0	.0	.0
5. Recpt 5	*	.0	.0	.0	.0	.0	.0	.0
6. Recpt 6	*	.0	.0	.3	.0	.0	.0	.0
7. Recpt 7	*	.0	.0	.2	.0	.0	.0	.0
8. Recpt 8	*	.0	.0	.2	.0	.0	.0	.0
9. Recpt 9	*	.0	.0	.1	.0	.0	.0	.0
10. Recpt 10	*	.0	.0	.3	.0	.0	.0	.0
11. Recpt 11	*	.0	.3	.0	.0	.0	.0	.1
12. Recpt 12	*	.0	.0	.3	.0	.0	.0	.0
13. Recpt 13	*	.0	.0	.3	.0	.0	.0	.0
14. Recpt 14	*	.0	.1	.8	.0	.0	.0	.1
15. Recpt 15	*	.0	.0	.4	.0	.0	.0	.0
16. Recpt 16	*	.0	.2	.6	.0	.0	.0	.0
17. Recpt 17	*	.0	.3	.5	.0	.0	.0	.0
18. Recpt 18	*	.0	.4	.3	.0	.0	.0	.0
19. Recpt 19	*	.0	.2	.0	.0	.0	.0	.0
20. Recpt 20	*	.0	.2	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: LJV & Genessee 2010 NP pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0.
(M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 37.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. LJV EB LA	*	-251	-67	0	0	* AG	170	7.5	.0	10.0
B. LJV EB TA	*	-251	-75	0	-8	* AG	920	7.5	.0	10.0
C. LJV EB RA	*	-251	-82	0	-15	* AG	320	7.5	.0	10.0
D. LJV EB TD	*	0	-8	251	59	* AG	1710	7.5	.0	10.0
E. LJV WB LA	*	251	67	0	0	* AG	480	7.5	.0	10.0
F. LJV WB TA	*	251	75	0	8	* AG	1670	7.5	.0	10.0
G. LJV WB RA	*	251	82	0	15	* AG	280	7.5	.0	10.0
H. LJV WB TD	*	0	8	-251	-59	* AG	2140	7.5	.0	10.0
I. Gen NB LA	*	0	-260	0	0	* AG	250	7.5	.0	10.0
J. Gen NB TA	*	8	-260	9	0	* AG	580	7.5	.0	10.0

```
 K. Gen NB TD     *      9      0     11    260 *  AG    1110    7.5      .0
10.0
 L. Gen SB LA     *      0    260      0      0 *  AG     590    7.5      .0
10.0
 M. Gen SB TA     *     -8    260     -9      0 *  AG    1230    7.5      .0
10.0
 N. Gen SB RA     *    -15    260    -15      0 *  AG     220    7.5      .0
10.0
 O. Gen SB TD     *     -9      0    -11   -260 *  AG    2030    7.5      .0
10.0
```

JOB: LJV & Genessee 2010 NP pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. Recpt 1	*	-30	-38	1.8
2. Recpt 2	*	-30	-58	1.8
3. Recpt 3	*	-30	-78	1.8
4. Recpt 4	*	-49	-43	1.8
5. Recpt 5	*	-69	-48	1.8
6. Recpt 6	*	-21	20	1.8
7. Recpt 7	*	-40	15	1.8
8. Recpt 8	*	-60	10	1.8
9. Recpt 9	*	-79	5	1.8
10. Recpt 10	*	-21	40	1.8
11. Recpt 11	*	-21	60	1.8
12. Recpt 12	*	-30	80	1.8
13. Recpt 13	*	50	38	1.8
14. Recpt 14	*	20	66	1.8
15. Recpt 15	*	41	55	1.8
16. Recpt 16	*	21	-40	1.8
17. Recpt 17	*	21	-60	1.8
18. Recpt 18	*	21	-80	1.8
19. Recpt 19	*	46	-23	1.8
20. Recpt 20	*	65	-15	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: LJV & Genessee 2010 NP pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Recpt 1	57.	1.4	.0	.0	.0	.4	.1	.3	.0	.0
2. Recpt 2	28.	1.2	.0	.0	.0	.0	.0	.1	.0	.0
3. Recpt 3	17.	1.1	.0	.0	.0	.0	.0	.0	.0	.1
4. Recpt 4	59.	1.3	.0	.0	.0	.3	.1	.3	.0	.0
5. Recpt 5	60.	1.2	.0	.1	.0	.2	.0	.3	.0	.0
6. Recpt 6	89.	1.7	.0	.0	.0	.3	.1	.5	.1	.0
7. Recpt 7	89.	1.4	.0	.0	.0	.3	.1	.4	.0	.0
8. Recpt 8	89.	1.3	.0	.0	.0	.3	.1	.3	.0	.2
9. Recpt 9	87.	1.3	.0	.0	.0	.3	.1	.3	.0	.3
10. Recpt 10	168.	1.4	.0	.0	.0	.0	.0	.0	.0	.2
11. Recpt 11	169.	1.3	.0	.0	.0	.0	.0	.0	.0	.2
12. Recpt 12	166.	1.0	.0	.0	.0	.0	.0	.0	.0	.1
13. Recpt 13	241.	1.4	.0	.2	.0	.0	.0	.2	.1	.4
14. Recpt 14	196.	1.4	.0	.0	.0	.0	.0	.1	.0	.0
15. Recpt 15	220.	1.1	.0	.1	.0	.0	.0	.1	.0	.1
16. Recpt 16	348.	1.3	.0	.0	.0	.2	.0	.2	.0	.0
17. Recpt 17	349.	1.2	.0	.0	.0	.1	.0	.1	.0	.0
18. Recpt 18	350.	1.1	.0	.0	.0	.1	.0	.0	.0	.0
19. Recpt 19	340.	1.1	.0	.0	.0	.2	.0	.2	.0	.0
20. Recpt 20	300.	1.0	.0	.0	.0	.3	.0	.2	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: LJV & Genessee 2010 NP pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

		CONC/LINK (PPM)						
RECEPTOR	*	I	J	K	L	M	N	O
1. Recpt 1	*	.0	.0	.0	.0	.0	.0	.4
2. Recpt 2	*	.0	.0	.2	.0	.0	.0	.4
3. Recpt 3	*	.0	.0	.2	.1	.1	.0	.3
4. Recpt 4	*	.0	.0	.0	.0	.0	.0	.2
5. Recpt 5	*	.0	.0	.0	.0	.0	.0	.2
6. Recpt 6	*	.0	.0	.2	.1	.3	.0	.0
7. Recpt 7	*	.0	.0	.1	.0	.2	.0	.0
8. Recpt 8	*	.0	.0	.0	.0	.1	.0	.0
9. Recpt 9	*	.0	.0	.0	.0	.0	.0	.0
10. Recpt 10	*	.0	.1	.0	.0	.2	.1	.5
11. Recpt 11	*	.0	.1	.0	.0	.2	.1	.4
12. Recpt 12	*	.0	.1	.0	.0	.1	.0	.3
13. Recpt 13	*	.0	.0	.1	.0	.0	.0	.0
14. Recpt 14	*	.0	.0	.4	.0	.0	.0	.3
15. Recpt 15	*	.0	.0	.2	.0	.0	.0	.2
16. Recpt 16	*	.0	.0	.3	.2	.3	.0	.0
17. Recpt 17	*	.0	.1	.2	.2	.2	.0	.0
18. Recpt 18	*	.0	.2	.2	.1	.2	.0	.0
19. Recpt 19	*	.0	.0	.2	.1	.2	.0	.0
20. Recpt 20	*	.0	.0	.1	.0	.1	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: LJV & Genessee 2010 Proj am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 37.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. LJV EB LA	*	-251	-67	0	0	* AG	510	7.5	.0	10.0
B. LJV EB TA	*	-251	-75	0	-8	* AG	1460	7.5	.0	10.0
C. LJV EB RA	*	-251	-82	0	-15	* AG	176	7.5	.0	10.0
D. LJV EB TD	*	0	-8	251	59	* AG	2025	7.5	.0	10.0
E. LJV WB LA	*	251	67	0	0	* AG	160	7.5	.0	10.0
F. LJV WB TA	*	251	75	0	8	* AG	957	7.5	.0	10.0
G. LJV WB RA	*	251	82	0	15	* AG	724	7.5	.0	10.0
H. LJV WB TD	*	0	8	-251	-59	* AG	1285	7.5	.0	10.0
I. Gen NB LA	*	0	-260	0	0	* AG	248	7.5	.0	10.0
J. Gen NB TA	*	8	-260	9	0	* AG	1862	7.5	.0	10.0

```
 K. Gen NB TD    *     9     0    11   260 *  AG   2746   7.5      .0
10.0
 L. Gen SB LA    *     0   260     0     0 *  AG    215   7.5      .0
10.0
 M. Gen SB TA    *    -8   260    -9     0 *  AG    233   7.5      .0
10.0
 N. Gen SB RA    *   -15   260   -15     0 *  AG     80   7.5      .0
10.0
 O. Gen SB TD    *    -9     0   -11  -260 *  AG    569   7.5      .0
10.0
```

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

JOB: LJV & Genessee 2010 Proj am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. Recpt 1	*	-30	-38	1.8
2. Recpt 2	*	-30	-58	1.8
3. Recpt 3	*	-30	-78	1.8
4. Recpt 4	*	-49	-43	1.8
5. Recpt 5	*	-69	-48	1.8
6. Recpt 6	*	-21	20	1.8
7. Recpt 7	*	-40	15	1.8
8. Recpt 8	*	-60	10	1.8
9. Recpt 9	*	-79	5	1.8
10. Recpt 10	*	-21	40	1.8
11. Recpt 11	*	-21	60	1.8
12. Recpt 12	*	-30	80	1.8
13. Recpt 13	*	50	38	1.8
14. Recpt 14	*	20	66	1.8
15. Recpt 15	*	41	55	1.8
16. Recpt 16	*	21	-40	1.8
17. Recpt 17	*	21	-60	1.8
18. Recpt 18	*	21	-80	1.8
19. Recpt 19	*	46	-23	1.8
20. Recpt 20	*	65	-15	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: LJV & Genessee 2010 Proj am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Recpt 1	57.	1.3	.0	.0	.0	.4	.0	.2	.1	.0
2. Recpt 2	28.	1.0	.0	.1	.0	.0	.0	.0	.0	.0
3. Recpt 3	19.	1.0	.0	.1	.0	.0	.0	.0	.0	.0
4. Recpt 4	58.	1.2	.0	.1	.0	.3	.0	.2	.1	.0
5. Recpt 5	59.	1.2	.0	.2	.0	.2	.0	.2	.1	.0
6. Recpt 6	89.	1.5	.0	.0	.0	.3	.0	.3	.3	.0
7. Recpt 7	87.	1.2	.0	.0	.0	.3	.0	.3	.2	.0
8. Recpt 8	87.	1.1	.0	.0	.0	.3	.0	.2	.1	.1
9. Recpt 9	87.	1.1	.0	.0	.0	.3	.0	.2	.0	.2
10. Recpt 10	95.	1.1	.0	.0	.0	.3	.0	.2	.2	.0
11. Recpt 11	167.	1.0	.0	.0	.0	.0	.0	.0	.0	.1
12. Recpt 12	166.	.8	.0	.0	.0	.0	.0	.0	.0	.0
13. Recpt 13	239.	1.5	.1	.3	.0	.0	.0	.2	.3	.2
14. Recpt 14	196.	1.6	.0	.0	.0	.0	.0	.0	.0	.0
15. Recpt 15	221.	1.1	.0	.2	.0	.0	.0	.0	.1	.1
16. Recpt 16	349.	1.4	.0	.0	.0	.2	.0	.0	.0	.0
17. Recpt 17	350.	1.3	.0	.0	.0	.2	.0	.0	.0	.0
18. Recpt 18	350.	1.2	.0	.0	.0	.1	.0	.0	.0	.0
19. Recpt 19	270.	1.0	.1	.3	.0	.0	.0	.0	.0	.2
20. Recpt 20	269.	1.0	.1	.3	.0	.0	.0	.0	.0	.2

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: LJV & Genessee 2010 Proj am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM) I	J	K	L	M	N	O
1. Recpt 1	*	.0	.2	.0	.0	.0	.0	.1
2. Recpt 2	*	.0	.0	.3	.0	.0	.0	.1
3. Recpt 3	*	.0	.0	.3	.0	.0	.0	.1
4. Recpt 4	*	.0	.1	.0	.0	.0	.0	.0
5. Recpt 5	*	.0	.0	.0	.0	.0	.0	.0
6. Recpt 6	*	.0	.0	.3	.0	.0	.0	.0
7. Recpt 7	*	.0	.0	.2	.0	.0	.0	.0
8. Recpt 8	*	.0	.0	.2	.0	.0	.0	.0
9. Recpt 9	*	.0	.0	.1	.0	.0	.0	.0
10. Recpt 10	*	.0	.0	.3	.0	.0	.0	.0
11. Recpt 11	*	.0	.3	.0	.0	.0	.0	.1
12. Recpt 12	*	.0	.3	.0	.0	.0	.0	.0
13. Recpt 13	*	.0	.0	.3	.0	.0	.0	.0
14. Recpt 14	*	.0	.1	.8	.0	.0	.0	.1
15. Recpt 15	*	.0	.0	.4	.0	.0	.0	.0
16. Recpt 16	*	.0	.2	.6	.0	.0	.0	.0
17. Recpt 17	*	.0	.3	.5	.0	.0	.0	.0
18. Recpt 18	*	.0	.4	.3	.0	.0	.0	.0
19. Recpt 19	*	.0	.2	.0	.0	.0	.0	.0
20. Recpt 20	*	.0	.2	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: LJV & Genessee 2010 Proj pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0.
(M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 37.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. LJV EB LA	*	-251	-67	0	0	* AG	170	7.5	.0	10.0
B. LJV EB TA	*	-251	-75	0	-8	* AG	953	7.5	.0	10.0
C. LJV EB RA	*	-251	-82	0	-15	* AG	402	7.5	.0	10.0
D. LJV EB TD	*	0	-8	251	59	* AG	1759	7.5	.0	10.0
E. LJV WB LA	*	251	67	0	0	* AG	480	7.5	.0	10.0
F. LJV WB TA	*	251	75	0	8	* AG	1701	7.5	.0	10.0
G. LJV WB RA	*	251	82	0	15	* AG	296	7.5	.0	10.0
H. LJV WB TD	*	0	8	-251	-59	* AG	2120	7.5	.0	10.0
I. Gen NB LA	*	0	-260	0	0	* AG	328	7.5	.0	10.0
J. Gen NB TA	*	8	-260	9	0	* AG	588	7.5	.0	10.0

```
 K. Gen NB TD     *     9     0    11   260 *  AG    854   7.5      .0
10.0
 L. Gen SB LA     *     0   260     0     0 *  AG    606   7.5      .0
10.0
 M. Gen SB TA     *    -8   260    -9     0 *  AG   1238   7.5      .0
10.0
 N. Gen SB RA     *   -15   260   -15     0 *  AG    220   7.5      .0
10.0
 O. Gen SB TD     *    -9     0   -11  -260 *  AG   2120   7.5      .0
10.0
```

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

JOB: LJV & Genessee 2010 Proj pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. Recpt 1	*	-30	-38	1.8
2. Recpt 2	*	-30	-58	1.8
3. Recpt 3	*	-30	-78	1.8
4. Recpt 4	*	-49	-43	1.8
5. Recpt 5	*	-69	-48	1.8
6. Recpt 6	*	-21	20	1.8
7. Recpt 7	*	-40	15	1.8
8. Recpt 8	*	-60	10	1.8
9. Recpt 9	*	-79	5	1.8
10. Recpt 10	*	-21	40	1.8
11. Recpt 11	*	-21	60	1.8
12. Recpt 12	*	-30	80	1.8
13. Recpt 13	*	50	38	1.8
14. Recpt 14	*	20	66	1.8
15. Recpt 15	*	41	55	1.8
16. Recpt 16	*	21	-40	1.8
17. Recpt 17	*	21	-60	1.8
18. Recpt 18	*	21	-80	1.8
19. Recpt 19	*	46	-23	1.8
20. Recpt 20	*	65	-15	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: LJV & Genessee 2010 Proj pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Recpt 1	57.	1.4	.0	.0	.0	.4	.1	.3	.0	.0
2. Recpt 2	31.	1.2	.0	.0	.0	.1	.0	.2	.0	.0
3. Recpt 3	17.	1.1	.0	.0	.0	.0	.0	.0	.0	.1
4. Recpt 4	59.	1.3	.0	.0	.0	.3	.1	.3	.0	.0
5. Recpt 5	60.	1.3	.0	.1	.1	.2	.0	.3	.0	.0
6. Recpt 6	167.	1.6	.0	.1	.0	.0	.0	.0	.0	.4
7. Recpt 7	89.	1.4	.0	.0	.0	.3	.1	.4	.0	.0
8. Recpt 8	89.	1.3	.0	.0	.0	.3	.1	.3	.0	.2
9. Recpt 9	87.	1.3	.0	.0	.0	.3	.1	.3	.0	.3
10. Recpt 10	169.	1.4	.0	.0	.0	.0	.0	.0	.0	.2
11. Recpt 11	169.	1.4	.0	.0	.0	.0	.0	.0	.0	.2
12. Recpt 12	167.	1.0	.0	.0	.0	.0	.0	.0	.0	.1
13. Recpt 13	239.	1.4	.0	.2	.0	.0	.0	.3	.1	.3
14. Recpt 14	196.	1.3	.0	.0	.0	.0	.0	.1	.0	.0
15. Recpt 15	210.	1.1	.0	.0	.0	.1	.0	.2	.0	.0
16. Recpt 16	347.	1.3	.0	.0	.0	.2	.0	.2	.0	.0
17. Recpt 17	348.	1.2	.0	.0	.0	.1	.0	.1	.0	.0
18. Recpt 18	349.	1.1	.0	.0	.0	.1	.0	.0	.0	.0
19. Recpt 19	340.	1.0	.0	.0	.0	.2	.0	.2	.0	.0
20. Recpt 20	271.	1.0	.0	.2	.0	.0	.0	.0	.0	.3

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: LJV & Genessee 2010 Proj pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM) I	J	K	L	M	N	O
1. Recpt 1	*	.0	.0	.0	.0	.0	.0	.4
2. Recpt 2	*	.0	.0	.0	.0	.0	.0	.4
3. Recpt 3	*	.0	.0	.2	.1	.1	.0	.3
4. Recpt 4	*	.0	.0	.0	.0	.0	.0	.2
5. Recpt 5	*	.0	.0	.0	.0	.0	.0	.2
6. Recpt 6	*	.1	.1	.0	.0	.0	.0	.7
7. Recpt 7	*	.0	.0	.0	.0	.2	.0	.0
8. Recpt 8	*	.0	.0	.0	.0	.1	.0	.0
9. Recpt 9	*	.0	.0	.0	.0	.0	.0	.0
10. Recpt 10	*	.1	.1	.0	.0	.1	.1	.5
11. Recpt 11	*	.0	.1	.0	.0	.2	.1	.4
12. Recpt 12	*	.0	.1	.0	.0	.1	.0	.3
13. Recpt 13	*	.0	.0	.1	.0	.0	.0	.0
14. Recpt 14	*	.0	.0	.3	.0	.0	.0	.3
15. Recpt 15	*	.0	.0	.0	.0	.0	.0	.3
16. Recpt 16	*	.0	.0	.2	.2	.3	.0	.0
17. Recpt 17	*	.0	.1	.2	.2	.3	.0	.0
18. Recpt 18	*	.0	.2	.1	.1	.2	.0	.0
19. Recpt 19	*	.0	.0	.2	.1	.2	.0	.0
20. Recpt 20	*	.0	.0	.0	.0	.0	.0	.1

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: LJV and Towne Ctr 2010 NP am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0.
(M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 37.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. LJV EB LA	*	-150	0	0	0	* AG	260	7.5	.0	10.0
B. LJV EB TRA	*	-150	-12	0	-12	* AG	1460	7.5	.0	10.0
C. LJV EB RA	*	-150	-16	0	-16	* AG	50	7.5	.0	10.0
D. LJV EB TD	*	0	-12	150	-12	* AG	2150	7.5	.0	10.0
E. LJV WB LA	*	150	0	0	0	* AG	250	7.5	.0	10.0
F. LJV WB TRA	*	150	9	0	9	* AG	3040	7.5	.0	10.0
G. LJV WB TD	*	0	9	-150	9	* AG	2300	7.5	.0	10.0
H. TC NB LA	*	0	-150	0	0	* AG	180	7.5	.0	10.0
I. TC NB TA	*	5	-150	5	0	* AG	410	7.5	.0	10.0
J. TC NB RA	*	8	-150	8	0	* AG	420	7.5	.0	10.0

```
 K. TC NB TD      *      5      0      5    150 *  AG   1620   7.5      .0
10.0
 L. TC SB LA      *      0    150      0      0 *  AG    270   7.5      .0
10.0
 M. TC SB TRA     *     -7    150     -7      0 *  AG     80   7.5      .0
10.0
 N. TC SB TD      *     -7      0     -7   -150 *  AG    340   7.5      .0
10.0
```

JOB: LJV and Towne Ctr 2010 NP am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. Recpt 1	*	-19	-26	1.8
2. Recpt 2	*	-19	-46	1.8
3. Recpt 3	*	-19	-66	1.8
4. Recpt 4	*	-39	-26	1.8
5. Recpt 5	*	-59	-26	1.8
6. Recpt 6	*	18	-22	1.8
7. Recpt 7	*	18	-42	1.8
8. Recpt 8	*	18	-62	1.8
9. Recpt 9	*	38	-22	1.8
10. Recpt 10	*	58	-22	1.8
11. Recpt 11	*	15	19	1.8
12. Recpt 12	*	15	39	1.8
13. Recpt 13	*	15	59	1.8
14. Recpt 14	*	35	19	1.8
15. Recpt 15	*	55	19	1.8
16. Recpt 16	*	-17	19	1.8
17. Recpt 17	*	-17	39	1.8
18. Recpt 18	*	-17	59	1.8
19. Recpt 19	*	-37	19	1.8
20. Recpt 20	*	-57	19	1.8

JOB: LJV and Towne Ctr 2010 NP am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Recpt 1	69.	1.4	.0	.0	.0	.6	.0	.4	.0	.0
2. Recpt 2	18.	1.0	.0	.2	.0	.0	.0	.1	.1	.0
3. Recpt 3	16.	.9	.0	.0	.0	.0	.0	.1	.0	.0
4. Recpt 4	71.	1.3	.0	.2	.0	.3	.0	.4	.0	.0
5. Recpt 5	72.	1.2	.0	.4	.0	.2	.0	.4	.0	.0
6. Recpt 6	343.	1.6	.0	.0	.0	.5	.0	.4	.0	.0
7. Recpt 7	348.	1.2	.0	.0	.0	.3	.0	.2	.0	.0
8. Recpt 8	349.	1.0	.0	.0	.0	.2	.0	.2	.0	.0
9. Recpt 9	291.	1.5	.0	.1	.0	.7	.0	.0	.4	.0
10. Recpt 10	290.	1.5	.0	.0	.0	.8	.0	.0	.3	.0
11. Recpt 11	249.	1.8	.0	.3	.0	.0	.0	.2	.7	.0
12. Recpt 12	198.	1.3	.0	.0	.0	.0	.0	.3	.0	.0
13. Recpt 13	195.	1.2	.0	.0	.0	.0	.0	.2	.0	.0
14. Recpt 14	249.	1.7	.0	.3	.0	.0	.0	.8	.2	.0
15. Recpt 15	252.	1.7	.0	.3	.0	.0	.0	1.0	.1	.0
16. Recpt 16	107.	1.9	.0	.0	.0	.3	.0	1.0	.1	.0
17. Recpt 17	118.	1.2	.0	.0	.0	.3	.0	.5	.0	.0
18. Recpt 18	129.	1.0	.0	.0	.0	.2	.0	.3	.0	.0
19. Recpt 19	106.	1.7	.0	.0	.0	.3	.0	.5	.5	.0
20. Recpt 20	105.	1.6	.0	.0	.0	.3	.0	.3	.7	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: LJV and Towne Ctr 2010 NP am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM) I	J	K	L	M	N
1. Recpt 1	*	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	.0	.0	.3	.0	.0	.0
3. Recpt 3	*	.0	.0	.3	.0	.0	.1
4. Recpt 4	*	.0	.0	.0	.0	.0	.0
5. Recpt 5	*	.0	.0	.0	.0	.0	.0
6. Recpt 6	*	.0	.0	.5	.0	.0	.0
7. Recpt 7	*	.0	.0	.4	.0	.0	.0
8. Recpt 8	*	.0	.1	.3	.0	.0	.0
9. Recpt 9	*	.0	.0	.0	.0	.0	.0
10. Recpt 10	*	.0	.0	.0	.0	.0	.0
11. Recpt 11	*	.0	.0	.4	.0	.0	.0
12. Recpt 12	*	.0	.0	.5	.0	.0	.0
13. Recpt 13	*	.0	.0	.5	.0	.0	.0
14. Recpt 14	*	.0	.0	.2	.0	.0	.0
15. Recpt 15	*	.0	.0	.1	.0	.0	.0
16. Recpt 16	*	.0	.0	.3	.0	.0	.0
17. Recpt 17	*	.0	.0	.3	.0	.0	.0
18. Recpt 18	*	.0	.0	.3	.0	.0	.0
19. Recpt 19	*	.0	.0	.2	.0	.0	.0
20. Recpt 20	*	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: LJV and Towne Ctr 2010 NP pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 37.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. LJV EB LA	*	-150	0	0	0	* AG	35	7.5	.0	10.0
B. LJV EB TRA	*	-150	-12	0	-12	* AG	1580	7.5	.0	10.0
C. LJV EB RA	*	-150	-16	0	-16	* AG	170	7.5	.0	10.0
D. LJV EB TD	*	0	-12	150	-12	* AG	2680	7.5	.0	10.0
E. LJV WB LA	*	150	0	0	0	* AG	350	7.5	.0	10.0
F. LJV WB TRA	*	150	9	0	9	* AG	2290	7.5	.0	10.0
G. LJV WB TD	*	0	9	-150	9	* AG	2420	7.5	.0	10.0
H. TC NB LA	*	0	-150	0	0	* AG	120	7.5	.0	10.0
I. TC NB TA	*	5	-150	5	0	* AG	70	7.5	.0	10.0
J. TC NB RA	*	8	-150	8	0	* AG	440	7.5	.0	10.0

```
 K. TC NB TD      *      5      0      5    150 *  AG    225   7.5      .0
10.0
 L. TC SB LA      *      0    150      0      0 *  AG    660   7.5      .0
10.0
 M. TC SB TRA     *     -7    150     -7      0 *  AG    610   7.5      .0
10.0
 N. TC SB TD      *     -7      0     -7   -150 *  AG   1000   7.5      .0
10.0
```

JOB: LJV and Towne Ctr 2010 NP pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. Recpt 1	*	-19	-26	1.8
2. Recpt 2	*	-19	-46	1.8
3. Recpt 3	*	-19	-66	1.8
4. Recpt 4	*	-39	-26	1.8
5. Recpt 5	*	-59	-26	1.8
6. Recpt 6	*	18	-22	1.8
7. Recpt 7	*	18	-42	1.8
8. Recpt 8	*	18	-62	1.8
9. Recpt 9	*	38	-22	1.8
10. Recpt 10	*	58	-22	1.8
11. Recpt 11	*	15	19	1.8
12. Recpt 12	*	15	39	1.8
13. Recpt 13	*	15	59	1.8
14. Recpt 14	*	35	19	1.8
15. Recpt 15	*	55	19	1.8
16. Recpt 16	*	-17	19	1.8
17. Recpt 17	*	-17	39	1.8
18. Recpt 18	*	-17	59	1.8
19. Recpt 19	*	-37	19	1.8
20. Recpt 20	*	-57	19	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: LJV and Towne Ctr 2010 NP pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Recpt 1	70.	1.6	.0	.0	.0	.7	.0	.3	.0	.0
2. Recpt 2	60.	1.1	.0	.0	.0	.4	.0	.3	.0	.0
3. Recpt 3	17.	1.0	.0	.0	.0	.0	.0	.1	.0	.0
4. Recpt 4	73.	1.4	.0	.2	.0	.5	.0	.3	.0	.0
5. Recpt 5	75.	1.3	.0	.3	.0	.3	.0	.3	.0	.0
6. Recpt 6	298.	1.5	.0	.3	.0	.5	.0	.0	.4	.0
7. Recpt 7	344.	1.1	.0	.0	.0	.3	.0	.1	.0	.0
8. Recpt 8	346.	1.0	.0	.0	.0	.2	.0	.0	.0	.0
9. Recpt 9	294.	1.6	.0	.0	.0	.9	.0	.0	.4	.0
10. Recpt 10	290.	1.6	.0	.0	.0	.9	.0	.0	.3	.0
11. Recpt 11	251.	1.6	.0	.3	.0	.0	.0	.1	.8	.0
12. Recpt 12	193.	1.1	.0	.0	.0	.2	.0	.3	.0	.0
13. Recpt 13	193.	.9	.0	.0	.0	.0	.0	.1	.0	.0
14. Recpt 14	250.	1.5	.0	.3	.0	.0	.0	.6	.3	.0
15. Recpt 15	250.	1.5	.0	.3	.0	.0	.0	.8	.0	.0
16. Recpt 16	111.	1.8	.0	.0	.0	.4	.1	.7	.2	.0
17. Recpt 17	118.	1.1	.0	.0	.0	.3	.0	.4	.0	.0
18. Recpt 18	164.	1.0	.0	.0	.0	.1	.0	.0	.1	.0
19. Recpt 19	108.	1.7	.0	.0	.0	.4	.0	.3	.6	.0
20. Recpt 20	106.	1.6	.0	.0	.0	.4	.0	.2	.8	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: LJV and Towne Ctr 2010 NP pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM) I	J	K	L	M	N
1. Recpt 1	*	.0	.0	.0	.0	.0	.2
2. Recpt 2	*	.0	.0	.0	.0	.0	.3
3. Recpt 3	*	.0	.0	.0	.0	.0	.3
4. Recpt 4	*	.0	.0	.0	.0	.0	.1
5. Recpt 5	*	.0	.0	.0	.0	.0	.0
6. Recpt 6	*	.0	.1	.0	.0	.0	.2
7. Recpt 7	*	.0	.1	.0	.2	.1	.0
8. Recpt 8	*	.0	.2	.0	.1	.1	.0
9. Recpt 9	*	.0	.0	.0	.0	.0	.0
10. Recpt 10	*	.0	.0	.0	.0	.0	.0
11. Recpt 11	*	.0	.0	.0	.1	.1	.0
12. Recpt 12	*	.0	.0	.0	.0	.0	.2
13. Recpt 13	*	.0	.0	.0	.1	.0	.2
14. Recpt 14	*	.0	.0	.0	.0	.0	.0
15. Recpt 15	*	.0	.0	.0	.0	.0	.0
16. Recpt 16	*	.0	.0	.0	.1	.2	.0
17. Recpt 17	*	.0	.0	.0	.1	.2	.0
18. Recpt 18	*	.0	.0	.0	.1	.2	.0
19. Recpt 19	*	.0	.0	.0	.0	.0	.0
20. Recpt 20	*	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: LJV and Towne Ctr 2010 Proj am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 37.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. LJV EB LA	*	-150	0	0	0	* AG	264	7.5	.0	10.0
B. LJV EB TRA	*	-150	-12	0	-12	* AG	1480	7.5	.0	10.0
C. LJV EB RA	*	-150	-16	0	-16	* AG	50	7.5	.0	10.0
D. LJV EB TD	*	0	-12	150	-12	* AG	2201	7.5	.0	10.0
E. LJV WB LA	*	150	0	0	0	* AG	294	7.5	.0	10.0
F. LJV WB TRA	*	150	9	0	9	* AG	2402	7.5	.0	10.0
G. LJV WB TD	*	0	9	-150	9	* AG	2333	7.5	.0	10.0
H. TC NB LA	*	0	-150	0	0	* AG	180	7.5	.0	10.0
I. TC NB TA	*	5	-150	5	0	* AG	410	7.5	.0	10.0
J. TC NB RA	*	8	-150	8	0	* AG	451	7.5	.0	10.0

```
 K. TC NB TD      *     5     0     5   150 *  AG   1654   7.5     .0
10.0
 L. TC SB LA      *     0   150     0     0 *  AG    270   7.5     .0
10.0
 M. TC SB TRA     *    -7   150    -7     0 *  AG     85   7.5     .0
10.0
 N. TC SB TD      *    -7     0    -7  -150 *  AG    384   7.5     .0
10.0
```

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

JOB: LJV and Towne Ctr 2010 Proj am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. Recpt 1	*	-19	-26	1.8
2. Recpt 2	*	-19	-46	1.8
3. Recpt 3	*	-19	-66	1.8
4. Recpt 4	*	-39	-26	1.8
5. Recpt 5	*	-59	-26	1.8
6. Recpt 6	*	18	-22	1.8
7. Recpt 7	*	18	-42	1.8
8. Recpt 8	*	18	-62	1.8
9. Recpt 9	*	38	-22	1.8
10. Recpt 10	*	58	-22	1.8
11. Recpt 11	*	15	19	1.8
12. Recpt 12	*	15	39	1.8
13. Recpt 13	*	15	59	1.8
14. Recpt 14	*	35	19	1.8
15. Recpt 15	*	55	19	1.8
16. Recpt 16	*	-17	19	1.8
17. Recpt 17	*	-17	39	1.8
18. Recpt 18	*	-17	59	1.8
19. Recpt 19	*	-37	19	1.8
20. Recpt 20	*	-57	19	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: LJV and Towne Ctr 2010 Proj am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Recpt 1	70.	1.4	.0	.0	.0	.6	.0	.4	.0	.0
2. Recpt 2	18.	1.0	.0	.2	.0	.0	.0	.0	.1	.0
3. Recpt 3	16.	.9	.0	.0	.0	.0	.0	.1	.0	.0
4. Recpt 4	72.	1.2	.0	.2	.0	.4	.0	.4	.0	.0
5. Recpt 5	73.	1.2	.0	.3	.0	.2	.0	.3	.0	.0
6. Recpt 6	343.	1.6	.0	.0	.0	.5	.0	.3	.0	.0
7. Recpt 7	348.	1.2	.0	.0	.0	.3	.0	.2	.0	.0
8. Recpt 8	349.	1.0	.0	.0	.0	.2	.0	.1	.0	.0
9. Recpt 9	291.	1.5	.0	.1	.0	.7	.0	.0	.4	.0
10. Recpt 10	290.	1.5	.0	.0	.0	.8	.0	.0	.3	.0
11. Recpt 11	250.	1.8	.0	.3	.0	.0	.0	.2	.7	.0
12. Recpt 12	199.	1.3	.0	.0	.0	.0	.0	.2	.0	.0
13. Recpt 13	196.	1.2	.0	.0	.0	.0	.0	.1	.1	.0
14. Recpt 14	253.	1.6	.0	.3	.0	.0	.0	.6	.4	.0
15. Recpt 15	254.	1.5	.0	.3	.0	.0	.0	.7	.2	.0
16. Recpt 16	110.	1.7	.0	.0	.0	.4	.0	.7	.2	.0
17. Recpt 17	118.	1.1	.0	.0	.0	.3	.0	.4	.0	.0
18. Recpt 18	135.	1.0	.0	.0	.0	.2	.0	.3	.0	.0
19. Recpt 19	107.	1.6	.0	.0	.0	.4	.0	.4	.6	.0
20. Recpt 20	106.	1.6	.0	.0	.0	.3	.0	.2	.7	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: LJV and Towne Ctr 2010 Proj am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM) I	J	K	L	M	N
1. Recpt 1	*	.0	.0	.0	.0	.0	.0
2. Recpt 2	*	.0	.0	.3	.0	.0	.1
3. Recpt 3	*	.0	.0	.3	.0	.0	.1
4. Recpt 4	*	.0	.0	.0	.0	.0	.0
5. Recpt 5	*	.0	.0	.0	.0	.0	.0
6. Recpt 6	*	.0	.0	.5	.0	.0	.0
7. Recpt 7	*	.0	.1	.4	.0	.0	.0
8. Recpt 8	*	.0	.1	.3	.0	.0	.0
9. Recpt 9	*	.0	.0	.0	.0	.0	.0
10. Recpt 10	*	.0	.0	.0	.0	.0	.0
11. Recpt 11	*	.0	.0	.4	.0	.0	.0
12. Recpt 12	*	.0	.0	.5	.0	.0	.1
13. Recpt 13	*	.0	.0	.6	.0	.0	.0
14. Recpt 14	*	.0	.0	.2	.0	.0	.0
15. Recpt 15	*	.0	.0	.1	.0	.0	.0
16. Recpt 16	*	.0	.0	.3	.0	.0	.0
17. Recpt 17	*	.0	.0	.3	.0	.0	.0
18. Recpt 18	*	.0	.0	.3	.0	.0	.0
19. Recpt 19	*	.0	.0	.1	.0	.0	.0
20. Recpt 20	*	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: LJV and Towne Ctr 2010 Proj pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 37.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. LJV EB LA	*	-150	0	0	0	* AG	51	7.5	.0	10.0
B. LJV EB TRA	*	-150	-12	0	-12	* AG	1666	7.5	.0	10.0
C. LJV EB RA	*	-150	-16	0	-16	* AG	170	7.5	.0	10.0
D. LJV EB TD	*	0	-12	150	-12	* AG	2898	7.5	.0	10.0
E. LJV WB LA	*	150	0	0	0	* AG	490	7.5	.0	10.0
F. LJV WB TRA	*	150	9	0	9	* AG	2381	7.5	.0	10.0
G. LJV WB TD	*	0	9	-150	9	* AG	2527	7.5	.0	10.0
H. TC NB LA	*	0	-150	0	0	* AG	120	7.5	.0	10.0
I. TC NB TA	*	5	-150	5	0	* AG	70	7.5	.0	10.0
J. TC NB RA	*	8	-150	8	0	* AG	572	7.5	.0	10.0

```
 K. TC NB TD      *     5     0     5    150 *  AG    241   7.5      .0
10.0
 L. TC SB LA      *     0   150     0      0 *  AG    660   7.5      .0
10.0
 M. TC SB TRA     *    -7   150    -7      0 *  AG    626   7.5      .0
10.0
 N. TC SB TD      *    -7     0    -7   -150 *  AG   1140   7.5      .0
10.0
```

JOB: LJV and Towne Ctr 2010 Proj pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. Recpt 1	*	-19	-26	1.8
2. Recpt 2	*	-19	-46	1.8
3. Recpt 3	*	-19	-66	1.8
4. Recpt 4	*	-39	-26	1.8
5. Recpt 5	*	-59	-26	1.8
6. Recpt 6	*	18	-22	1.8
7. Recpt 7	*	18	-42	1.8
8. Recpt 8	*	18	-62	1.8
9. Recpt 9	*	38	-22	1.8
10. Recpt 10	*	58	-22	1.8
11. Recpt 11	*	15	19	1.8
12. Recpt 12	*	15	39	1.8
13. Recpt 13	*	15	59	1.8
14. Recpt 14	*	35	19	1.8
15. Recpt 15	*	55	19	1.8
16. Recpt 16	*	-17	19	1.8
17. Recpt 17	*	-17	39	1.8
18. Recpt 18	*	-17	59	1.8
19. Recpt 19	*	-37	19	1.8
20. Recpt 20	*	-57	19	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: LJV and Towne Ctr 2010 Proj pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Recpt 1	70.	1.7	.0	.0	.0	.8	.1	.3	.0	.0
2. Recpt 2	60.	1.2	.0	.0	.0	.4	.0	.3	.0	.0
3. Recpt 3	45.	1.1	.0	.0	.0	.3	.0	.2	.0	.0
4. Recpt 4	73.	1.5	.0	.2	.0	.5	.1	.3	.0	.0
5. Recpt 5	75.	1.4	.0	.3	.0	.3	.1	.3	.0	.0
6. Recpt 6	298.	1.7	.0	.3	.0	.5	.0	.0	.4	.0
7. Recpt 7	343.	1.2	.0	.0	.0	.3	.0	.1	.0	.0
8. Recpt 8	346.	1.1	.0	.0	.0	.2	.0	.0	.0	.0
9. Recpt 9	295.	1.7	.0	.0	.0	.9	.0	.0	.4	.0
10. Recpt 10	290.	1.7	.0	.0	.0	1.0	.0	.0	.4	.0
11. Recpt 11	193.	1.6	.0	.0	.0	.3	.0	.6	.0	.0
12. Recpt 12	192.	1.2	.0	.0	.0	.2	.0	.3	.0	.0
13. Recpt 13	192.	1.0	.0	.0	.0	.1	.0	.2	.0	.0
14. Recpt 14	250.	1.6	.0	.3	.0	.0	.0	.6	.3	.0
15. Recpt 15	249.	1.6	.0	.3	.0	.0	.0	.8	.0	.0
16. Recpt 16	111.	1.9	.0	.0	.0	.5	.2	.7	.2	.0
17. Recpt 17	162.	1.2	.0	.0	.0	.1	.0	.0	.3	.0
18. Recpt 18	165.	1.1	.0	.0	.0	.1	.0	.0	.2	.0
19. Recpt 19	109.	1.8	.0	.0	.0	.5	.1	.3	.7	.0
20. Recpt 20	106.	1.7	.0	.0	.0	.4	.0	.2	.8	.0

JOB: LJV and Towne Ctr 2010 Proj pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM) I	J	K	L	M	N
1. Recpt 1	*	.0	.0	.0	.0	.0	.3
2. Recpt 2	*	.0	.0	.0	.0	.0	.3
3. Recpt 3	*	.0	.1	.0	.0	.0	.3
4. Recpt 4	*	.0	.0	.0	.0	.0	.2
5. Recpt 5	*	.0	.0	.0	.0	.0	.1
6. Recpt 6	*	.0	.2	.0	.0	.0	.2
7. Recpt 7	*	.0	.2	.0	.2	.2	.0
8. Recpt 8	*	.0	.2	.0	.1	.1	.0
9. Recpt 9	*	.0	.0	.0	.0	.0	.0
10. Recpt 10	*	.0	.0	.0	.0	.0	.0
11. Recpt 11	*	.0	.2	.0	.0	.0	.3
12. Recpt 12	*	.0	.1	.0	.0	.0	.3
13. Recpt 13	*	.0	.0	.0	.0	.0	.2
14. Recpt 14	*	.0	.0	.0	.0	.0	.0
15. Recpt 15	*	.0	.0	.0	.0	.0	.0
16. Recpt 16	*	.0	.0	.0	.1	.2	.0
17. Recpt 17	*	.0	.1	.0	.0	.2	.2
18. Recpt 18	*	.0	.1	.0	.1	.2	.1
19. Recpt 19	*	.0	.0	.0	.0	.0	.0
20. Recpt 20	*	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: LJV and Executive NP 2020 am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 37.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H W (M)
A. LJV EB LA	*	-150	0	0	0	* AG	258	3.3	.0 10.0
B. LJV EB TA	*	-150	-9	0	-9	* AG	2132	3.3	.0 10.0
C. LJV EB RA	*	-150	-16	0	-16	* AG	50	3.3	.0 10.0
D. LJV EB TD	*	0	-9	150	-9	* AG	2242	3.3	.0 10.0
E. LJV WB LA	*	150	0	0	0	* AG	50	3.3	.0 10.0
F. LJV WB TRA	*	150	9	0	9	* AG	3006	3.3	.0 10.0
G. LJV WB TD	*	0	9	-150	9	* AG	2427	3.3	.0 10.0
H. EXEC NB LA	*	0	-150	0	0	* AG	30	3.3	.0 10.0
I. EXEC NB TRA	*	5	-150	5	0	* AG	67	3.3	.0 10.0
J. EXEC NB TD	*	5	0	5	150	* AG	955	3.3	.0 10.0

```
 K. EXEC SB LA   *     0   150     0     0 *  AG     80   3.3      .0
10.0
 L. EXEC SB TRA  *    -5   150    -5     0 *  AG     63   3.3      .0
10.0
 M. EXEC SB TD   *    -5     0    -5  -150 *  AG    112   3.3      .0
10.0
```

JOB: LJV and Executive NP 2020 am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. Recpt 1	*	-15	-26	1.8
2. Recpt 2	*	-35	-26	1.8
3. Recpt 3	*	-55	-26	1.8
4. Recpt 4	*	-15	-46	1.8
5. Recpt 5	*	-15	-66	1.8
6. Recpt 6	*	15	-19	1.8
7. Recpt 7	*	15	-39	1.8
8. Recpt 8	*	15	-59	1.8
9. Recpt 9	*	35	-19	1.8
10. Recpt 10	*	55	-19	1.8
11. Recpt 11	*	15	19	1.8
12. Recpt 12	*	15	39	1.8
13. Recpt 13	*	15	59	1.8
14. Recpt 14	*	35	19	1.8
15. Recpt 15	*	55	19	1.8
16. Recpt 16	*	-15	19	1.8
17. Recpt 17	*	-35	19	1.8
18. Recpt 18	*	-55	19	1.8
19. Recpt 19	*	-15	39	1.8
20. Recpt 20	*	-15	59	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: LJV and Executive NP 2020 am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Recpt 1	67.	.5	.0	.0	.0	.2	.0	.2	.0	.0
2. Recpt 2	68.	.5	.0	.0	.0	.2	.0	.2	.0	.0
3. Recpt 3	68.	.5	.0	.2	.0	.0	.0	.2	.0	.0
4. Recpt 4	13.	.4	.0	.0	.0	.0	.0	.0	.0	.0
5. Recpt 5	11.	.3	.0	.0	.0	.0	.0	.0	.0	.0
6. Recpt 6	289.	.6	.0	.3	.0	.0	.0	.0	.2	.0
7. Recpt 7	351.	.4	.0	.0	.0	.1	.0	.1	.0	.0
8. Recpt 8	352.	.3	.0	.0	.0	.0	.0	.0	.0	.0
9. Recpt 9	289.	.6	.0	.1	.0	.3	.0	.0	.2	.0
10. Recpt 10	289.	.6	.0	.0	.0	.3	.0	.0	.2	.0
11. Recpt 11	250.	.8	.0	.2	.0	.0	.0	.0	.3	.0
12. Recpt 12	242.	.5	.0	.1	.0	.0	.0	.0	.2	.0
13. Recpt 13	201.	.4	.0	.0	.0	.0	.0	.0	.0	.0
14. Recpt 14	251.	.8	.0	.2	.0	.0	.0	.3	.1	.0
15. Recpt 15	254.	.7	.0	.2	.0	.0	.0	.4	.0	.0
16. Recpt 16	107.	.8	.0	.0	.0	.2	.0	.4	.0	.0
17. Recpt 17	105.	.7	.0	.0	.0	.2	.0	.2	.2	.0
18. Recpt 18	105.	.7	.0	.0	.0	.2	.0	.1	.3	.0
19. Recpt 19	118.	.4	.0	.0	.0	.1	.0	.2	.0	.0
20. Recpt 20	128.	.4	.0	.0	.0	.0	.0	.1	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: LJV and Executive NP 2020 am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM) I	J	K	L	M
1. Recpt 1	*	.0	.0	.0	.0	.0
2. Recpt 2	*	.0	.0	.0	.0	.0
3. Recpt 3	*	.0	.0	.0	.0	.0
4. Recpt 4	*	.0	.1	.0	.0	.0
5. Recpt 5	*	.0	.0	.0	.0	.0
6. Recpt 6	*	.0	.0	.0	.0	.0
7. Recpt 7	*	.0	.1	.0	.0	.0
8. Recpt 8	*	.0	.0	.0	.0	.0
9. Recpt 9	*	.0	.0	.0	.0	.0
10. Recpt 10	*	.0	.0	.0	.0	.0
11. Recpt 11	*	.0	.1	.0	.0	.0
12. Recpt 12	*	.0	.1	.0	.0	.0
13. Recpt 13	*	.0	.2	.0	.0	.0
14. Recpt 14	*	.0	.0	.0	.0	.0
15. Recpt 15	*	.0	.0	.0	.0	.0
16. Recpt 16	*	.0	.0	.0	.0	.0
17. Recpt 17	*	.0	.0	.0	.0	.0
18. Recpt 18	*	.0	.0	.0	.0	.0
19. Recpt 19	*	.0	.0	.0	.0	.0
20. Recpt 20	*	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: LJV and Executive NP 2020 pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0.
(M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 37.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. LJV EB LA	*	-150	0	0	0	* AG	132	3.3	.0	10.0
B. LJV EB TA	*	-150	-9	0	-9	* AG	1664	3.3	.0	10.0
C. LJV EB RA	*	-150	-16	0	-16	* AG	240	3.3	.0	10.0
D. LJV EB TD	*	0	-9	150	-9	* AG	2284	3.3	.0	10.0
E. LJV WB LA	*	150	0	0	0	* AG	320	3.3	.0	10.0
F. LJV WB TRA	*	150	9	0	9	* AG	2776	3.3	.0	10.0
G. LJV WB TD	*	0	9	-150	9	* AG	3084	3.3	.0	10.0
H. EXEC NB LA	*	0	-150	0	0	* AG	220	3.3	.0	10.0
I. EXEC NB TRA	*	5	-150	5	0	* AG	274	3.3	.0	10.0
J. EXEC NB TD	*	5	0	5	150	* AG	356	3.3	.0	10.0

```
 K. EXEC SB LA    *      0    150     0      0 *  AG     400    3.3      .0
10.0
 L. EXEC SB TRA   *     -5    150    -5      0 *  AG     334    3.3      .0
10.0
 M. EXEC SB TD    *     -5      0    -5   -150 *  AG     636    3.3      .0
10.0
```

JOB: LJV and Executive NP 2020 pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. Recpt 1	*	-15	-26	1.8
2. Recpt 2	*	-35	-26	1.8
3. Recpt 3	*	-55	-26	1.8
4. Recpt 4	*	-15	-46	1.8
5. Recpt 5	*	-15	-66	1.8
6. Recpt 6	*	15	-19	1.8
7. Recpt 7	*	15	-39	1.8
8. Recpt 8	*	15	-59	1.8
9. Recpt 9	*	35	-19	1.8
10. Recpt 10	*	55	-19	1.8
11. Recpt 11	*	15	19	1.8
12. Recpt 12	*	15	39	1.8
13. Recpt 13	*	15	59	1.8
14. Recpt 14	*	35	19	1.8
15. Recpt 15	*	55	19	1.8
16. Recpt 16	*	-15	19	1.8
17. Recpt 17	*	-35	19	1.8
18. Recpt 18	*	-55	19	1.8
19. Recpt 19	*	-15	39	1.8
20. Recpt 20	*	-15	59	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: LJV and Executive NP 2020 pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Recpt 1	67.	.6	.0	.0	.0	.2	.0	.2	.0	.0
2. Recpt 2	69.	.6	.0	.0	.0	.2	.0	.2	.0	.0
3. Recpt 3	72.	.5	.0	.1	.0	.1	.0	.2	.0	.0
4. Recpt 4	16.	.4	.0	.0	.0	.0	.0	.0	.0	.0
5. Recpt 5	14.	.4	.0	.0	.0	.0	.0	.0	.0	.0
6. Recpt 6	290.	.7	.0	.2	.0	.0	.0	.0	.2	.0
7. Recpt 7	346.	.4	.0	.0	.0	.1	.0	.0	.0	.0
8. Recpt 8	347.	.4	.0	.0	.0	.0	.0	.0	.0	.0
9. Recpt 9	290.	.7	.0	.0	.0	.3	.0	.0	.2	.0
10. Recpt 10	289.	.7	.0	.0	.0	.3	.0	.0	.2	.0
11. Recpt 11	251.	.8	.0	.1	.0	.0	.0	.0	.4	.0
12. Recpt 12	242.	.5	.0	.1	.0	.0	.0	.0	.2	.0
13. Recpt 13	194.	.4	.0	.0	.0	.0	.0	.0	.0	.0
14. Recpt 14	253.	.8	.0	.1	.0	.0	.0	.3	.2	.0
15. Recpt 15	254.	.7	.0	.1	.0	.0	.0	.4	.1	.0
16. Recpt 16	110.	.8	.0	.0	.0	.2	.0	.4	.0	.0
17. Recpt 17	109.	.8	.0	.0	.0	.2	.0	.2	.3	.0
18. Recpt 18	106.	.8	.0	.0	.0	.2	.0	.0	.4	.0
19. Recpt 19	168.	.5	.0	.0	.0	.0	.0	.0	.2	.0
20. Recpt 20	167.	.4	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: LJV and Executive NP 2020 pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM) I	J	K	L	M
1. Recpt 1	*	.0	.0	.0	.0	.0
2. Recpt 2	*	.0	.0	.0	.0	.0
3. Recpt 3	*	.0	.0	.0	.0	.0
4. Recpt 4	*	.0	.0	.0	.0	.0
5. Recpt 5	*	.0	.0	.0	.0	.1
6. Recpt 6	*	.0	.0	.0	.0	.0
7. Recpt 7	*	.0	.0	.0	.0	.0
8. Recpt 8	*	.0	.0	.0	.0	.0
9. Recpt 9	*	.0	.0	.0	.0	.0
10. Recpt 10	*	.0	.0	.0	.0	.0
11. Recpt 11	*	.0	.0	.0	.0	.0
12. Recpt 12	*	.0	.0	.0	.0	.0
13. Recpt 13	*	.0	.0	.0	.0	.0
14. Recpt 14	*	.0	.0	.0	.0	.0
15. Recpt 15	*	.0	.0	.0	.0	.0
16. Recpt 16	*	.0	.0	.0	.0	.0
17. Recpt 17	*	.0	.0	.0	.0	.0
18. Recpt 18	*	.0	.0	.0	.0	.0
19. Recpt 19	*	.0	.0	.0	.0	.0
20. Recpt 20	*	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: LJV and Executive Proj 2020 am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 37.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H	W (M)
A. LJV EB LA	*	-150	0	0	0	* AG	258	3.3	.0	10.0
B. LJV EB TA	*	-150	-9	0	-9	* AG	2132	3.3	.0	10.0
C. LJV EB RA	*	-150	-16	0	-16	* AG	65	3.3	.0	10.0
D. LJV EB TD	*	0	-9	150	-9	* AG	2266	3.3	.0	10.0
E. LJV WB LA	*	150	0	0	0	* AG	83	3.3	.0	10.0
F. LJV WB TRA	*	150	9	0	9	* AG	3006	3.3	.0	10.0
G. LJV WB TD	*	0	9	-150	9	* AG	2438	3.3	.0	10.0
H. EXEC NB LA	*	0	-150	0	0	* AG	41	3.3	.0	10.0
I. EXEC NB TRA	*	5	-150	5	0	* AG	102	3.3	.0	10.0
J. EXEC NB TD	*	5	0	5	150	* AG	966	3.3	.0	10.0

```
 K. EXEC SB LA    *     0   150     0     0 *  AG     80   3.3      .0
10.0
 L. EXEC SB TRA   *    -5   150    -5     0 *  AG     78   3.3      .0
10.0
 M. EXEC SB TD    *    -5     0    -5  -150 *  AG    175   3.3      .0
10.0
```

JOB: LJV and Executive Proj 2020 am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. Recpt 1	*	-15	-26	1.8
2. Recpt 2	*	-35	-26	1.8
3. Recpt 3	*	-55	-26	1.8
4. Recpt 4	*	-15	-46	1.8
5. Recpt 5	*	-15	-66	1.8
6. Recpt 6	*	15	-19	1.8
7. Recpt 7	*	15	-39	1.8
8. Recpt 8	*	15	-59	1.8
9. Recpt 9	*	35	-19	1.8
10. Recpt 10	*	55	-19	1.8
11. Recpt 11	*	15	19	1.8
12. Recpt 12	*	15	39	1.8
13. Recpt 13	*	15	59	1.8
14. Recpt 14	*	35	19	1.8
15. Recpt 15	*	55	19	1.8
16. Recpt 16	*	-15	19	1.8
17. Recpt 17	*	-35	19	1.8
18. Recpt 18	*	-55	19	1.8
19. Recpt 19	*	-15	39	1.8
20. Recpt 20	*	-15	59	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: LJV and Executive Proj 2020 am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Recpt 1	67.	.5	.0	.0	.0	.2	.0	.2	.0	.0
2. Recpt 2	68.	.5	.0	.0	.0	.2	.0	.2	.0	.0
3. Recpt 3	68.	.5	.0	.2	.0	.0	.0	.2	.0	.0
4. Recpt 4	13.	.4	.0	.0	.0	.0	.0	.0	.0	.0
5. Recpt 5	12.	.3	.0	.0	.0	.0	.0	.0	.0	.0
6. Recpt 6	289.	.6	.0	.3	.0	.0	.0	.0	.2	.0
7. Recpt 7	351.	.4	.0	.0	.0	.1	.0	.1	.0	.0
8. Recpt 8	352.	.3	.0	.0	.0	.0	.0	.0	.0	.0
9. Recpt 9	289.	.6	.0	.1	.0	.3	.0	.0	.2	.0
10. Recpt 10	289.	.7	.0	.0	.0	.3	.0	.0	.2	.0
11. Recpt 11	250.	.8	.0	.2	.0	.0	.0	.0	.3	.0
12. Recpt 12	242.	.5	.0	.1	.0	.0	.0	.0	.2	.0
13. Recpt 13	200.	.4	.0	.0	.0	.0	.0	.0	.0	.0
14. Recpt 14	251.	.8	.0	.2	.0	.0	.0	.3	.1	.0
15. Recpt 15	254.	.8	.0	.2	.0	.0	.0	.4	.0	.0
16. Recpt 16	107.	.8	.0	.0	.0	.2	.0	.4	.0	.0
17. Recpt 17	105.	.7	.0	.0	.0	.2	.0	.2	.2	.0
18. Recpt 18	105.	.7	.0	.0	.0	.2	.0	.1	.3	.0
19. Recpt 19	118.	.4	.0	.0	.0	.1	.0	.2	.0	.0
20. Recpt 20	128.	.4	.0	.0	.0	.0	.0	.1	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: LJV and Executive Proj 2020 am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM) I	J	K	L	M
1. Recpt 1	*	.0	.0	.0	.0	.0
2. Recpt 2	*	.0	.0	.0	.0	.0
3. Recpt 3	*	.0	.0	.0	.0	.0
4. Recpt 4	*	.0	.1	.0	.0	.0
5. Recpt 5	*	.0	.0	.0	.0	.0
6. Recpt 6	*	.0	.0	.0	.0	.0
7. Recpt 7	*	.0	.1	.0	.0	.0
8. Recpt 8	*	.0	.0	.0	.0	.0
9. Recpt 9	*	.0	.0	.0	.0	.0
10. Recpt 10	*	.0	.0	.0	.0	.0
11. Recpt 11	*	.0	.1	.0	.0	.0
12. Recpt 12	*	.0	.1	.0	.0	.0
13. Recpt 13	*	.0	.2	.0	.0	.0
14. Recpt 14	*	.0	.0	.0	.0	.0
15. Recpt 15	*	.0	.0	.0	.0	.0
16. Recpt 16	*	.0	.0	.0	.0	.0
17. Recpt 17	*	.0	.0	.0	.0	.0
18. Recpt 18	*	.0	.0	.0	.0	.0
19. Recpt 19	*	.0	.0	.0	.0	.0
20. Recpt 20	*	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: LJV and Executive Proj 2020 pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0.
(M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 37.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. LJV EB LA	*	-150	0	0	0	* AG	132	3.3	.0	10.0
B. LJV EB TA	*	-150	-9	0	-9	* AG	1664	3.3	.0	10.0
C. LJV EB RA	*	-150	-16	0	-16	* AG	289	3.3	.0	10.0
D. LJV EB TD	*	0	-9	150	-9	* AG	2385	3.3	.0	10.0
E. LJV WB LA	*	150	0	0	0	* AG	427	3.3	.0	10.0
F. LJV WB TRA	*	150	9	0	9	* AG	2776	3.3	.0	10.0
G. LJV WB TD	*	0	9	-150	9	* AG	3131	3.3	.0	10.0
H. EXEC NB LA	*	0	-150	0	0	* AG	267	3.3	.0	10.0
I. EXEC NB TRA	*	5	-150	5	0	* AG	422	3.3	.0	10.0
J. EXEC NB TD	*	5	0	5	150	* AG	401	3.3	.0	10.0

```
 K. EXEC SB LA    *      0    150      0      0 *  AG     400    3.3      .0
10.0
 L. EXEC SB TRA   *     -5    150     -5      0 *  AG     383    3.3      .0
10.0
 M. EXEC SB TD    *     -5      0     -5   -150 *  AG     841    3.3      .0
10.0
```

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

JOB: LJV and Executive Proj 2020 pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. Recpt 1	*	-15	-26	1.8
2. Recpt 2	*	-35	-26	1.8
3. Recpt 3	*	-55	-26	1.8
4. Recpt 4	*	-15	-46	1.8
5. Recpt 5	*	-15	-66	1.8
6. Recpt 6	*	15	-19	1.8
7. Recpt 7	*	15	-39	1.8
8. Recpt 8	*	15	-59	1.8
9. Recpt 9	*	35	-19	1.8
10. Recpt 10	*	55	-19	1.8
11. Recpt 11	*	15	19	1.8
12. Recpt 12	*	15	39	1.8
13. Recpt 13	*	15	59	1.8
14. Recpt 14	*	35	19	1.8
15. Recpt 15	*	55	19	1.8
16. Recpt 16	*	-15	19	1.8
17. Recpt 17	*	-35	19	1.8
18. Recpt 18	*	-55	19	1.8
19. Recpt 19	*	-15	39	1.8
20. Recpt 20	*	-15	59	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: LJV and Executive Proj 2020 pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Recpt 1	67.	.7	.0	.0	.0	.3	.0	.2	.0	.0
2. Recpt 2	69.	.6	.0	.0	.0	.2	.0	.2	.0	.0
3. Recpt 3	72.	.6	.0	.1	.0	.1	.0	.2	.0	.0
4. Recpt 4	18.	.5	.0	.0	.0	.0	.0	.0	.0	.0
5. Recpt 5	16.	.5	.0	.0	.0	.0	.0	.0	.0	.0
6. Recpt 6	290.	.7	.0	.2	.0	.0	.0	.0	.2	.0
7. Recpt 7	298.	.5	.0	.1	.0	.0	.0	.0	.2	.0
8. Recpt 8	345.	.4	.0	.0	.0	.0	.0	.0	.0	.0
9. Recpt 9	290.	.7	.0	.0	.0	.3	.0	.0	.2	.0
10. Recpt 10	289.	.7	.0	.0	.0	.4	.0	.0	.2	.0
11. Recpt 11	251.	.8	.0	.1	.0	.0	.0	.0	.4	.0
12. Recpt 12	195.	.5	.0	.0	.0	.0	.0	.1	.0	.0
13. Recpt 13	193.	.4	.0	.0	.0	.0	.0	.0	.0	.0
14. Recpt 14	253.	.8	.0	.1	.0	.0	.0	.3	.2	.0
15. Recpt 15	251.	.8	.0	.1	.0	.0	.0	.4	.0	.0
16. Recpt 16	110.	.8	.0	.0	.0	.2	.0	.4	.0	.0
17. Recpt 17	109.	.8	.0	.0	.0	.2	.0	.2	.4	.0
18. Recpt 18	107.	.8	.0	.0	.0	.2	.0	.0	.4	.0
19. Recpt 19	168.	.5	.0	.0	.0	.0	.0	.0	.2	.0
20. Recpt 20	168.	.4	.0	.0	.0	.0	.0	.0	.0	.0

JOB: LJV and Executive Proj 2020 pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM) I	J	K	L	M
1. Recpt 1	*	.0	.0	.0	.0	.0
2. Recpt 2	*	.0	.0	.0	.0	.0
3. Recpt 3	*	.0	.0	.0	.0	.0
4. Recpt 4	*	.0	.0	.0	.0	.1
5. Recpt 5	*	.0	.0	.0	.0	.1
6. Recpt 6	*	.0	.0	.0	.0	.0
7. Recpt 7	*	.0	.0	.0	.0	.0
8. Recpt 8	*	.0	.0	.0	.0	.0
9. Recpt 9	*	.0	.0	.0	.0	.0
10. Recpt 10	*	.0	.0	.0	.0	.0
11. Recpt 11	*	.0	.0	.0	.0	.0
12. Recpt 12	*	.0	.0	.0	.0	.0
13. Recpt 13	*	.0	.0	.0	.0	.0
14. Recpt 14	*	.0	.0	.0	.0	.0
15. Recpt 15	*	.0	.0	.0	.0	.0
16. Recpt 16	*	.0	.0	.0	.0	.0
17. Recpt 17	*	.0	.0	.0	.0	.0
18. Recpt 18	*	.0	.0	.0	.0	.0
19. Recpt 19	*	.0	.0	.0	.0	.1
20. Recpt 20	*	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Nobel&Genessee 2020 np am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 37.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Gen NBLA	*	0	-150	0	0	* AG	340	3.3	.0	10.0
B. Gen NBTA	*	-7	-150	-7	0	* AG	1782	3.3	.0	10.0
C. Gen NBRA	*	-14	-150	-14	0	* AG	337	3.3	.0	10.0
D. Gen NBTD	*	-7	0	-7	150	* AG	2080	3.3	.0	10.0
E. Gen SBLA	*	0	150	0	0	* AG	80	3.3	.0	10.0
F. Gen SBTA	*	9	150	9	0	* AG	224	3.3	.0	10.0
G. Gen SBRA	*	16	150	16	0	* AG	90	3.3	.0	10.0
H. Gen SBTD	*	9	0	9	-150	* AG	571	3.3	.0	10.0
I. Nob EBLA	*	-150	0	0	0	* AG	188	3.3	.0	10.0
J. Nob EBTA	*	-150	-7	0	-7	* AG	675	3.3	.0	10.0

```
 K. Nob EBRA      *  -150   -14     0   -14 *  AG    244   3.3      .0
10.0
 L. Nob EBTD      *     0    -7   150    -7 *  AG   1092   3.3      .0
10.0
 M. Nob WBLA      *   150     0     0     0 *  AG    103   3.3      .0
10.0
 N. Nob WBTRA     *   150     7     0     7 *  AG    496   3.3      .0
10.0
 O. Nob WBTD      *     0     7  -150     7 *  AG    816   3.3      .0
10.0
```

JOB: Nobel&Genessee 2020 np am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. Recpt 1	*	-24	-24	1.8
2. Recpt 2	*	-44	-24	1.8
3. Recpt 3	*	-69	-24	1.8
4. Recpt 4	*	-24	-44	1.8
5. Recpt 5	*	-24	-69	1.8
6. Recpt 6	*	-17	17	1.8
7. Recpt 7	*	-37	17	1.8
8. Recpt 8	*	-57	17	1.8
9. Recpt 9	*	-17	37	1.8
10. Recpt 10	*	-17	57	1.8
11. Recpt 11	*	24	17	1.8
12. Recpt 12	*	44	17	1.8
13. Recpt 13	*	64	17	1.8
14. Recpt 14	*	24	37	1.8
15. Recpt 15	*	24	57	1.8
16. Recpt 16	*	17	-17	1.8
17. Recpt 17	*	37	-17	1.8
18. Recpt 18	*	57	-17	1.8
19. Recpt 19	*	17	-37	1.8
20. Recpt 20	*	17	-57	1.8

JOB: Nobel&Genessee 2020 np am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Recpt 1	69.	.5	.0	.1	.0	.0	.0	.0	.0	.0
2. Recpt 2	74.	.4	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	75.	.4	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	20.	.4	.0	.0	.0	.1	.0	.0	.0	.0
5. Recpt 5	20.	.4	.0	.2	.0	.0	.0	.0	.0	.0
6. Recpt 6	166.	.7	.0	.3	.0	.0	.0	.0	.0	.0
7. Recpt 7	155.	.4	.0	.1	.0	.0	.0	.0	.0	.0
8. Recpt 8	108.	.4	.0	.0	.0	.0	.0	.0	.0	.0
9. Recpt 9	166.	.6	.0	.2	.0	.2	.0	.0	.0	.0
10. Recpt 10	168.	.6	.0	.1	.0	.2	.0	.0	.0	.0
11. Recpt 11	202.	.5	.0	.1	.0	.0	.0	.0	.0	.0
12. Recpt 12	255.	.4	.0	.0	.0	.0	.0	.0	.0	.0
13. Recpt 13	254.	.4	.0	.0	.0	.0	.0	.0	.0	.0
14. Recpt 14	199.	.4	.0	.1	.0	.0	.0	.0	.0	.0
15. Recpt 15	196.	.4	.0	.1	.0	.0	.0	.0	.0	.0
16. Recpt 16	284.	.5	.0	.1	.0	.0	.0	.0	.0	.0
17. Recpt 17	284.	.5	.0	.0	.0	.0	.0	.0	.0	.0
18. Recpt 18	283.	.4	.0	.0	.0	.0	.0	.0	.0	.0
19. Recpt 19	340.	.4	.0	.0	.0	.2	.0	.0	.0	.1
20. Recpt 20	342.	.4	.0	.0	.0	.1	.0	.0	.0	.1

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: Nobel&Genessee 2020 np am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM) I	J	K	L	M	N	O
1. Recpt 1	*	.0	.0	.0	.1	.0	.0	.0
2. Recpt 2	*	.0	.0	.0	.1	.0	.0	.0
3. Recpt 3	*	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	.0	.0	.0	.0	.0	.0	.0
5. Recpt 5	*	.0	.0	.0	.0	.0	.0	.0
6. Recpt 6	*	.0	.0	.0	.0	.0	.0	.0
7. Recpt 7	*	.0	.0	.0	.0	.0	.0	.0
8. Recpt 8	*	.0	.0	.0	.0	.0	.0	.1
9. Recpt 9	*	.0	.0	.0	.0	.0	.0	.0
10. Recpt 10	*	.0	.0	.0	.0	.0	.0	.0
11. Recpt 11	*	.0	.0	.0	.0	.0	.0	.0
12. Recpt 12	*	.0	.0	.0	.0	.0	.0	.0
13. Recpt 13	*	.0	.0	.0	.0	.0	.0	.0
14. Recpt 14	*	.0	.0	.0	.0	.0	.0	.0
15. Recpt 15	*	.0	.0	.0	.0	.0	.0	.0
16. Recpt 16	*	.0	.1	.0	.0	.0	.0	.0
17. Recpt 17	*	.0	.0	.0	.1	.0	.0	.0
18. Recpt 18	*	.0	.0	.0	.1	.0	.0	.0
19. Recpt 19	*	.0	.0	.0	.0	.0	.0	.0
20. Recpt 20	*	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Nobel&Genessee 2020 np pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 37.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Gen NBLA	*	0	-150	0	0	* AG	330	3.3	.0	10.0
B. Gen NBTA	*	-7	-150	-7	0	* AG	480	3.3	.0	10.0
C. Gen NBRA	*	-14	-150	-14	0	* AG	244	3.3	.0	10.0
D. Gen NBTD	*	-7	0	-7	150	* AG	750	3.3	.0	10.0
E. Gen SBLA	*	0	150	0	0	* AG	280	3.3	.0	10.0
F. Gen SBTA	*	9	150	9	0	* AG	1510	3.3	.0	10.0
G. Gen SBRA	*	16	150	16	0	* AG	400	3.3	.0	10.0
H. Gen SBTD	*	9	0	9	-150	* AG	2406	3.3	.0	10.0
I. Nob EBLA	*	-150	0	0	0	* AG	230	3.3	.0	10.0
J. Nob EBTA	*	-150	-7	0	-7	* AG	590	3.3	.0	10.0

```
 K. Nob EBRA      *  -150   -14     0   -14 *  AG    290   3.3      .0
10.0
 L. Nob EBTD      *     0    -7   150    -7 *  AG   1114   3.3      .0
10.0
 M. Nob WBLA      *   150     0     0     0 *  AG    606   3.3      .0
10.0
 N. Nob WBTRA     *   150     7     0     7 *  AG   1110   3.3      .0
10.0
 O. Nob WBTD      *     0     7  -150     7 *  AG   1800   3.3      .0
10.0
```

JOB: Nobel&Genessee 2020 np pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. Recpt 1	*	-24	-24	1.8
2. Recpt 2	*	-44	-24	1.8
3. Recpt 3	*	-69	-24	1.8
4. Recpt 4	*	-24	-44	1.8
5. Recpt 5	*	-24	-69	1.8
6. Recpt 6	*	-17	17	1.8
7. Recpt 7	*	-37	17	1.8
8. Recpt 8	*	-57	17	1.8
9. Recpt 9	*	-17	37	1.8
10. Recpt 10	*	-17	57	1.8
11. Recpt 11	*	24	17	1.8
12. Recpt 12	*	44	17	1.8
13. Recpt 13	*	64	17	1.8
14. Recpt 14	*	24	37	1.8
15. Recpt 15	*	24	57	1.8
16. Recpt 16	*	17	-17	1.8
17. Recpt 17	*	37	-17	1.8
18. Recpt 18	*	57	-17	1.8
19. Recpt 19	*	17	-37	1.8
20. Recpt 20	*	17	-57	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: Nobel&Genessee 2020 np pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Recpt 1	69.	.6	.0	.0	.0	.0	.0	.0	.0	.1
2. Recpt 2	73.	.5	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	74.	.5	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	20.	.5	.0	.0	.0	.0	.0	.1	.0	.0
5. Recpt 5	20.	.5	.0	.0	.0	.0	.0	.0	.0	.0
6. Recpt 6	109.	.7	.0	.0	.0	.0	.0	.0	.0	.0
7. Recpt 7	108.	.6	.0	.0	.0	.0	.0	.0	.0	.0
8. Recpt 8	105.	.6	.0	.0	.0	.0	.0	.0	.0	.0
9. Recpt 9	161.	.6	.0	.0	.0	.1	.0	.0	.0	.2
10. Recpt 10	165.	.5	.0	.0	.0	.1	.0	.0	.0	.2
11. Recpt 11	202.	.7	.0	.0	.0	.0	.0	.0	.0	.3
12. Recpt 12	255.	.6	.0	.0	.0	.0	.0	.0	.0	.0
13. Recpt 13	254.	.6	.0	.0	.0	.0	.0	.0	.0	.0
14. Recpt 14	198.	.6	.0	.0	.0	.0	.0	.0	.0	.2
15. Recpt 15	196.	.6	.0	.0	.0	.0	.0	.1	.0	.1
16. Recpt 16	345.	.8	.0	.0	.0	.0	.0	.3	.0	.1
17. Recpt 17	289.	.6	.0	.0	.0	.0	.0	.0	.0	.1
18. Recpt 18	287.	.6	.0	.0	.0	.0	.0	.0	.0	.0
19. Recpt 19	343.	.8	.0	.0	.0	.0	.0	.0	.0	.4
20. Recpt 20	345.	.8	.0	.0	.0	.0	.0	.0	.0	.4

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: Nobel&Genessee 2020 np pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM) I	J	K	L	M	N	O
1. Recpt 1	*	.0	.0	.0	.1	.0	.0	.0
2. Recpt 2	*	.0	.0	.0	.1	.0	.0	.0
3. Recpt 3	*	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	.0	.0	.0	.0	.0	.0	.0
5. Recpt 5	*	.0	.0	.0	.0	.0	.0	.0
6. Recpt 6	*	.0	.0	.0	.1	.0	.2	.0
7. Recpt 7	*	.0	.0	.0	.1	.0	.0	.2
8. Recpt 8	*	.0	.0	.0	.0	.0	.0	.3
9. Recpt 9	*	.0	.0	.0	.0	.0	.0	.0
10. Recpt 10	*	.0	.0	.0	.0	.0	.0	.0
11. Recpt 11	*	.0	.0	.0	.0	.0	.1	.0
12. Recpt 12	*	.0	.0	.0	.0	.0	.1	.1
13. Recpt 13	*	.0	.0	.0	.0	.0	.2	.0
14. Recpt 14	*	.0	.0	.0	.0	.0	.0	.0
15. Recpt 15	*	.0	.0	.0	.0	.0	.0	.0
16. Recpt 16	*	.0	.0	.0	.1	.0	.0	.0
17. Recpt 17	*	.0	.0	.0	.1	.0	.0	.2
18. Recpt 18	*	.0	.0	.0	.2	.0	.0	.1
19. Recpt 19	*	.0	.0	.0	.0	.0	.0	.0
20. Recpt 20	*	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Nobel&Genessee 2020 Proj am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 37.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H W (M)
A. Gen NBLA	*	0	-150	0	0	* AG	340	3.3	.0 10.0
B. Gen NBTA	*	-7	-150	-7	0	* AG	1800	3.3	.0 10.0
C. Gen NBRA	*	-14	-150	-14	0	* AG	347	3.3	.0 10.0
D. Gen NBTD	*	-7	0	-7	150	* AG	2166	3.3	.0 10.0
E. Gen SBLA	*	0	150	0	0	* AG	80	3.3	.0 10.0
F. Gen SBTA	*	9	150	9	0	* AG	237	3.3	.0 10.0
G. Gen SBRA	*	16	150	16	0	* AG	95	3.3	.0 10.0
H. Gen SBTD	*	9	0	9	-150	* AG	591	3.3	.0 10.0
I. Nob EBLA	*	-150	0	0	0	* AG	196	3.3	.0 10.0
J. Nob EBTA	*	-150	-7	0	-7	* AG	719	3.3	.0 10.0

```
 K. Nob EBRA      *  -150   -14     0   -14 *  AG    244   3.3      .0
10.0
 L. Nob EBTD      *     0    -7   150    -7 *  AG   1146   3.3      .0
10.0
 M. Nob WBLA      *   150     0     0     0 *  AG    110   3.3      .0
10.0
 N. Nob WBTRA     *   150     7     0     7 *  AG    527   3.3      .0
10.0
 O. Nob WBTD      *     0     7  -150     7 *  AG    852   3.3      .0
10.0
```

JOB: Nobel&Genessee 2020 Proj am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. Recpt 1	*	-24	-24	1.8
2. Recpt 2	*	-44	-24	1.8
3. Recpt 3	*	-69	-24	1.8
4. Recpt 4	*	-24	-44	1.8
5. Recpt 5	*	-24	-69	1.8
6. Recpt 6	*	-17	17	1.8
7. Recpt 7	*	-37	17	1.8
8. Recpt 8	*	-57	17	1.8
9. Recpt 9	*	-17	37	1.8
10. Recpt 10	*	-17	57	1.8
11. Recpt 11	*	24	17	1.8
12. Recpt 12	*	44	17	1.8
13. Recpt 13	*	64	17	1.8
14. Recpt 14	*	24	37	1.8
15. Recpt 15	*	24	57	1.8
16. Recpt 16	*	17	-17	1.8
17. Recpt 17	*	37	-17	1.8
18. Recpt 18	*	57	-17	1.8
19. Recpt 19	*	17	-37	1.8
20. Recpt 20	*	17	-57	1.8

JOB: Nobel&Genessee 2020 Proj am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Recpt 1	69.	.5	.0	.1	.0	.0	.0	.0	.0	.0
2. Recpt 2	74.	.4	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	75.	.4	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	20.	.5	.0	.0	.0	.1	.0	.0	.0	.0
5. Recpt 5	16.	.4	.0	.1	.0	.0	.0	.0	.0	.0
6. Recpt 6	166.	.7	.0	.3	.0	.0	.0	.0	.0	.0
7. Recpt 7	155.	.5	.0	.1	.0	.0	.0	.0	.0	.0
8. Recpt 8	108.	.4	.0	.0	.0	.0	.0	.0	.0	.0
9. Recpt 9	166.	.6	.0	.2	.0	.2	.0	.0	.0	.0
10. Recpt 10	168.	.6	.0	.1	.0	.3	.0	.0	.0	.0
11. Recpt 11	202.	.5	.0	.1	.0	.0	.0	.0	.0	.0
12. Recpt 12	255.	.4	.0	.0	.0	.0	.0	.0	.0	.0
13. Recpt 13	254.	.4	.0	.0	.0	.0	.0	.0	.0	.0
14. Recpt 14	199.	.4	.0	.1	.0	.0	.0	.0	.0	.0
15. Recpt 15	196.	.4	.0	.1	.0	.0	.0	.0	.0	.0
16. Recpt 16	285.	.6	.0	.1	.0	.0	.0	.0	.0	.0
17. Recpt 17	284.	.5	.0	.0	.0	.0	.0	.0	.0	.0
18. Recpt 18	283.	.5	.0	.0	.0	.0	.0	.0	.0	.0
19. Recpt 19	341.	.5	.0	.0	.0	.2	.0	.0	.0	.1
20. Recpt 20	342.	.5	.0	.0	.0	.1	.0	.0	.0	.1

JOB: Nobel&Genessee 2020 Proj am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM) I	J	K	L	M	N	O
1. Recpt 1	*	.0	.0	.0	.1	.0	.0	.0
2. Recpt 2	*	.0	.0	.0	.1	.0	.0	.0
3. Recpt 3	*	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	.0	.0	.0	.0	.0	.0	.0
5. Recpt 5	*	.0	.0	.0	.0	.0	.0	.0
6. Recpt 6	*	.0	.0	.0	.0	.0	.0	.0
7. Recpt 7	*	.0	.0	.0	.0	.0	.0	.1
8. Recpt 8	*	.0	.0	.0	.0	.0	.0	.1
9. Recpt 9	*	.0	.0	.0	.0	.0	.0	.0
10. Recpt 10	*	.0	.0	.0	.0	.0	.0	.0
11. Recpt 11	*	.0	.0	.0	.0	.0	.0	.0
12. Recpt 12	*	.0	.0	.0	.0	.0	.0	.0
13. Recpt 13	*	.0	.0	.0	.0	.0	.0	.0
14. Recpt 14	*	.0	.0	.0	.0	.0	.0	.0
15. Recpt 15	*	.0	.0	.0	.0	.0	.0	.0
16. Recpt 16	*	.0	.1	.0	.0	.0	.0	.0
17. Recpt 17	*	.0	.0	.0	.1	.0	.0	.0
18. Recpt 18	*	.0	.0	.0	.2	.0	.0	.0
19. Recpt 19	*	.0	.0	.0	.0	.0	.0	.0
20. Recpt 20	*	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Nobel&Genessee 2020 Proj pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 37.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Gen NBLA	*	0	-150	0	0	* AG	330	3.3	.0	10.0
B. Gen NBTA	*	-7	-150	-7	0	* AG	538	3.3	.0	10.0
C. Gen NBRA	*	-14	-150	-14	0	* AG	277	3.3	.0	10.0
D. Gen NBTD	*	-7	0	-7	150	* AG	833	3.3	.0	10.0
E. Gen SBLA	*	0	150	0	0	* AG	280	3.3	.0	10.0
F. Gen SBTA	*	9	150	9	0	* AG	1564	3.3	.0	10.0
G. Gen SBRA	*	16	150	16	0	* AG	423	3.3	.0	10.0
H. Gen SBTD	*	9	0	9	-150	* AG	2491	3.3	.0	10.0
I. Nob EBLA	*	-150	0	0	0	* AG	255	3.3	.0	10.0
J. Nob EBTA	*	-150	-7	0	-7	* AG	730	3.3	.0	10.0

```
 K. Nob EBRA      *  -150   -14     0   -14 *  AG    290   3.3      .0
10.0
 L. Nob EBTD      *     0    -7   150    -7 *  AG   1287   3.3      .0
10.0
 M. Nob WBLA      *   150     0     0     0 *  AG    637   3.3      .0
10.0
 N. Nob WBTRA     *   150     7     0     7 *  AG   1242   3.3      .0
10.0
 O. Nob WBTD      *     0     7  -150     7 *  AG   1955   3.3      .0
10.0
```

JOB: Nobel&Genessee 2020 Proj pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. Recpt 1	*	-24	-24	1.8
2. Recpt 2	*	-44	-24	1.8
3. Recpt 3	*	-69	-24	1.8
4. Recpt 4	*	-24	-44	1.8
5. Recpt 5	*	-24	-69	1.8
6. Recpt 6	*	-17	17	1.8
7. Recpt 7	*	-37	17	1.8
8. Recpt 8	*	-57	17	1.8
9. Recpt 9	*	-17	37	1.8
10. Recpt 10	*	-17	57	1.8
11. Recpt 11	*	24	17	1.8
12. Recpt 12	*	44	17	1.8
13. Recpt 13	*	64	17	1.8
14. Recpt 14	*	24	37	1.8
15. Recpt 15	*	24	57	1.8
16. Recpt 16	*	17	-17	1.8
17. Recpt 17	*	37	-17	1.8
18. Recpt 18	*	57	-17	1.8
19. Recpt 19	*	17	-37	1.8
20. Recpt 20	*	17	-57	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: Nobel&Genessee 2020 Proj pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Recpt 1	69.	.6	.0	.0	.0	.0	.0	.0	.0	.1
2. Recpt 2	73.	.5	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	74.	.5	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	20.	.5	.0	.0	.0	.0	.0	.1	.0	.0
5. Recpt 5	20.	.5	.0	.0	.0	.0	.0	.0	.0	.0
6. Recpt 6	109.	.7	.0	.0	.0	.0	.0	.1	.0	.0
7. Recpt 7	108.	.7	.0	.0	.0	.0	.0	.0	.0	.0
8. Recpt 8	106.	.7	.0	.0	.0	.0	.0	.0	.0	.0
9. Recpt 9	161.	.6	.0	.0	.0	.1	.0	.0	.0	.2
10. Recpt 10	165.	.6	.0	.0	.0	.1	.0	.0	.0	.2
11. Recpt 11	203.	.7	.0	.0	.0	.0	.0	.0	.0	.3
12. Recpt 12	255.	.6	.0	.0	.0	.0	.0	.0	.0	.0
13. Recpt 13	254.	.6	.0	.0	.0	.0	.0	.0	.0	.0
14. Recpt 14	198.	.6	.0	.0	.0	.0	.0	.0	.0	.2
15. Recpt 15	196.	.6	.0	.0	.0	.0	.0	.1	.0	.1
16. Recpt 16	344.	.9	.0	.0	.0	.0	.0	.3	.0	.1
17. Recpt 17	289.	.7	.0	.0	.0	.0	.0	.0	.0	.1
18. Recpt 18	287.	.6	.0	.0	.0	.0	.0	.0	.0	.0
19. Recpt 19	343.	.8	.0	.0	.0	.0	.0	.0	.0	.4
20. Recpt 20	345.	.8	.0	.0	.0	.0	.0	.0	.0	.4

JOB: Nobel&Genessee 2020 Proj pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM) I	J	K	L	M	N	O
1. Recpt 1	*	.0	.0	.0	.2	.0	.1	.0
2. Recpt 2	*	.0	.0	.0	.1	.0	.1	.0
3. Recpt 3	*	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	.0	.0	.0	.0	.0	.0	.0
5. Recpt 5	*	.0	.0	.0	.0	.0	.0	.0
6. Recpt 6	*	.0	.0	.0	.1	.0	.2	.0
7. Recpt 7	*	.0	.0	.0	.1	.0	.0	.2
8. Recpt 8	*	.0	.0	.0	.1	.0	.0	.3
9. Recpt 9	*	.0	.0	.0	.0	.0	.0	.1
10. Recpt 10	*	.0	.0	.0	.0	.0	.0	.0
11. Recpt 11	*	.0	.0	.0	.0	.0	.1	.0
12. Recpt 12	*	.0	.0	.0	.0	.0	.2	.1
13. Recpt 13	*	.0	.0	.0	.0	.0	.2	.0
14. Recpt 14	*	.0	.0	.0	.0	.0	.0	.0
15. Recpt 15	*	.0	.0	.0	.0	.0	.0	.0
16. Recpt 16	*	.0	.0	.0	.1	.0	.0	.0
17. Recpt 17	*	.0	.0	.0	.2	.0	.0	.2
18. Recpt 18	*	.0	.0	.0	.2	.0	.0	.1
19. Recpt 19	*	.0	.0	.0	.0	.0	.0	.0
20. Recpt 20	*	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Nobel and Lombard 2010 NP am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 37.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Nobel EB LA	*	-150	0	0	0	* AG	25	7.5	.0	10.0
B. Nobel EB TRA	*	-150	-7	0	-7	* AG	878	7.5	.0	10.0
C. Nobel EB TD	*	0	-7	150	-7	* AG	928	7.5	.0	10.0
D. Nobel WB LA	*	150	0	0	0	* AG	8	7.5	.0	10.0
E. Nobel WB TRA	*	150	7	0	7	* AG	485	7.5	.0	10.0
F. Nobel WB TD	*	0	7	-150	7	* AG	525	7.5	.0	10.0
G. Lombard NB L	*	0	-150	0	0	* AG	30	7.5	.0	10.0
H. Lomb NB TRA	*	3	-150	3	0	* AG	35	7.5	.0	10.0
I. Lomb NB TD	*	3	0	3	100	* AG	45	7.5	.0	10.0
J. Lomb SB LA	*	0	100	0	0	* AG	28	7.5	.0	10.0

```
 K. Lomb SB TRA  *    -3   100    -3     0 *  AG     31   7.5     .0
10.0
 L. Lomb SB TD   *    -3     0    -3  -150 *  AG     21   7.5     .0
10.0
```

JOB: Nobel and Lombard 2010 NP am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. Recpt 1	*	-13	-17	1.8
2. Recpt 2	*	-33	-17	1.8
3. Recpt 3	*	-53	-17	1.8
4. Recpt 4	*	-13	-37	1.8
5. Recpt 5	*	-13	-57	1.8
6. Recpt 6	*	13	-17	1.8
7. Recpt 7	*	33	-17	1.8
8. Recpt 8	*	53	-17	1.8
9. Recpt 9	*	13	-37	1.8
10. Recpt 10	*	13	-57	1.8
11. Recpt 11	*	13	17	1.8
12. Recpt 12	*	33	17	1.8
13. Recpt 13	*	53	17	1.8
14. Recpt 14	*	13	37	1.8
15. Recpt 15	*	13	57	1.8
16. Recpt 16	*	-13	17	1.8
17. Recpt 17	*	-33	17	1.8
18. Recpt 18	*	-53	17	1.8
19. Recpt 19	*	-13	37	1.8
20. Recpt 20	*	-13	57	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: Nobel and Lombard 2010 NP am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Recpt 1	74.	.6	.0	.0	.4	.0	.1	.0	.0	.0
2. Recpt 2	76.	.6	.0	.2	.3	.0	.1	.0	.0	.0
3. Recpt 3	76.	.6	.0	.3	.1	.0	.1	.0	.0	.0
4. Recpt 4	66.	.3	.0	.0	.2	.0	.0	.0	.0	.0
5. Recpt 5	57.	.2	.0	.0	.1	.0	.0	.0	.0	.0
6. Recpt 6	286.	.6	.0	.4	.0	.0	.0	.1	.0	.0
7. Recpt 7	285.	.6	.0	.2	.2	.0	.0	.1	.0	.0
8. Recpt 8	284.	.6	.0	.1	.3	.0	.0	.1	.0	.0
9. Recpt 9	294.	.3	.0	.2	.0	.0	.0	.0	.0	.0
10. Recpt 10	304.	.2	.0	.1	.0	.0	.0	.0	.0	.0
11. Recpt 11	253.	.5	.0	.2	.0	.0	.0	.2	.0	.0
12. Recpt 12	255.	.5	.0	.2	.0	.0	.1	.1	.0	.0
13. Recpt 13	256.	.5	.0	.2	.0	.0	.2	.0	.0	.0
14. Recpt 14	243.	.3	.0	.1	.0	.0	.0	.1	.0	.0
15. Recpt 15	236.	.2	.0	.1	.0	.0	.0	.0	.0	.0
16. Recpt 16	108.	.5	.0	.0	.2	.0	.2	.0	.0	.0
17. Recpt 17	108.	.5	.0	.0	.2	.0	.0	.1	.0	.0
18. Recpt 18	105.	.5	.0	.0	.2	.0	.0	.2	.0	.0
19. Recpt 19	117.	.3	.0	.0	.2	.0	.1	.0	.0	.0
20. Recpt 20	124.	.2	.0	.0	.1	.0	.0	.0	.0	.0

JOB: Nobel and Lombard 2010 NP am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM) I	J	K	L
1. Recpt 1	*	.0	.0	.0	.0
2. Recpt 2	*	.0	.0	.0	.0
3. Recpt 3	*	.0	.0	.0	.0
4. Recpt 4	*	.0	.0	.0	.0
5. Recpt 5	*	.0	.0	.0	.0
6. Recpt 6	*	.0	.0	.0	.0
7. Recpt 7	*	.0	.0	.0	.0
8. Recpt 8	*	.0	.0	.0	.0
9. Recpt 9	*	.0	.0	.0	.0
10. Recpt 10	*	.0	.0	.0	.0
11. Recpt 11	*	.0	.0	.0	.0
12. Recpt 12	*	.0	.0	.0	.0
13. Recpt 13	*	.0	.0	.0	.0
14. Recpt 14	*	.0	.0	.0	.0
15. Recpt 15	*	.0	.0	.0	.0
16. Recpt 16	*	.0	.0	.0	.0
17. Recpt 17	*	.0	.0	.0	.0
18. Recpt 18	*	.0	.0	.0	.0
19. Recpt 19	*	.0	.0	.0	.0
20. Recpt 20	*	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Nobel and Lombard 2010 NP pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0.
(M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 37.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Nobel EB LA	*	-150	0	0	0	* AG	80	7.5	.0	10.0
B. Nobel EB TRA	*	-150	-7	0	-7	* AG	785	7.5	.0	10.0
C. Nobel EB TD	*	0	-7	150	-7	* AG	820	7.5	.0	10.0
D. Nobel WB LA	*	150	0	0	0	* AG	20	7.5	.0	10.0
E. Nobel WB TRA	*	150	7	0	7	* AG	1150	7.5	.0	10.0
F. Nobel WB TD	*	0	7	-150	7	* AG	1185	7.5	.0	10.0
G. Lombard NB L	*	0	-150	0	0	* AG	15	7.5	.0	10.0
H. Lomb NB TRA	*	3	-150	3	0	* AG	20	7.5	.0	10.0
I. Lomb NB TD	*	3	0	3	100	* AG	135	7.5	.0	10.0
J. Lomb SB LA	*	0	100	0	0	* AG	45	7.5	.0	10.0

```
 K. Lomb SB TRA  *    -3   100    -3     0 *  AG     75   7.5      .0
10.0
 L. Lomb SB TD   *    -3     0    -3  -150 *  AG     50   7.5      .0
10.0
```

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

JOB: Nobel and Lombard 2010 NP pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. Recpt 1	*	-13	-17	1.8
2. Recpt 2	*	-33	-17	1.8
3. Recpt 3	*	-53	-17	1.8
4. Recpt 4	*	-13	-37	1.8
5. Recpt 5	*	-13	-57	1.8
6. Recpt 6	*	13	-17	1.8
7. Recpt 7	*	33	-17	1.8
8. Recpt 8	*	53	-17	1.8
9. Recpt 9	*	13	-37	1.8
10. Recpt 10	*	13	-57	1.8
11. Recpt 11	*	13	17	1.8
12. Recpt 12	*	33	17	1.8
13. Recpt 13	*	53	17	1.8
14. Recpt 14	*	13	37	1.8
15. Recpt 15	*	13	57	1.8
16. Recpt 16	*	-13	17	1.8
17. Recpt 17	*	-33	17	1.8
18. Recpt 18	*	-53	17	1.8
19. Recpt 19	*	-13	37	1.8
20. Recpt 20	*	-13	57	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: Nobel and Lombard 2010 NP pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Recpt 1	73.	.7	.0	.0	.3	.0	.3	.0	.0	.0
2. Recpt 2	74.	.7	.0	.2	.2	.0	.3	.0	.0	.0
3. Recpt 3	74.	.7	.0	.3	.0	.0	.2	.0	.0	.0
4. Recpt 4	63.	.4	.0	.0	.2	.0	.2	.0	.0	.0
5. Recpt 5	11.	.3	.0	.0	.0	.0	.0	.0	.0	.0
6. Recpt 6	287.	.7	.0	.3	.0	.0	.0	.3	.0	.0
7. Recpt 7	286.	.7	.0	.2	.2	.0	.0	.3	.0	.0
8. Recpt 8	285.	.7	.0	.1	.3	.0	.0	.2	.0	.0
9. Recpt 9	297.	.4	.0	.2	.0	.0	.0	.2	.0	.0
10. Recpt 10	304.	.3	.0	.1	.0	.0	.0	.1	.0	.0
11. Recpt 11	254.	.8	.0	.2	.0	.0	.0	.5	.0	.0
12. Recpt 12	255.	.8	.0	.2	.0	.0	.2	.3	.0	.0
13. Recpt 13	257.	.8	.0	.2	.0	.0	.3	.2	.0	.0
14. Recpt 14	243.	.5	.0	.1	.0	.0	.0	.2	.0	.0
15. Recpt 15	236.	.4	.0	.1	.0	.0	.0	.2	.0	.0
16. Recpt 16	106.	.8	.0	.0	.2	.0	.5	.0	.0	.0
17. Recpt 17	105.	.8	.0	.0	.2	.0	.3	.2	.0	.0
18. Recpt 18	105.	.8	.0	.0	.2	.0	.1	.4	.0	.0
19. Recpt 19	117.	.4	.0	.0	.1	.0	.2	.0	.0	.0
20. Recpt 20	124.	.3	.0	.0	.1	.0	.2	.0	.0	.0

JOB: Nobel and Lombard 2010 NP pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM) I	J	K	L
1. Recpt 1	*	.0	.0	.0	.0
2. Recpt 2	*	.0	.0	.0	.0
3. Recpt 3	*	.0	.0	.0	.0
4. Recpt 4	*	.0	.0	.0	.0
5. Recpt 5	*	.0	.0	.0	.0
6. Recpt 6	*	.0	.0	.0	.0
7. Recpt 7	*	.0	.0	.0	.0
8. Recpt 8	*	.0	.0	.0	.0
9. Recpt 9	*	.0	.0	.0	.0
10. Recpt 10	*	.0	.0	.0	.0
11. Recpt 11	*	.0	.0	.0	.0
12. Recpt 12	*	.0	.0	.0	.0
13. Recpt 13	*	.0	.0	.0	.0
14. Recpt 14	*	.0	.0	.0	.0
15. Recpt 15	*	.0	.0	.0	.0
16. Recpt 16	*	.0	.0	.0	.0
17. Recpt 17	*	.0	.0	.0	.0
18. Recpt 18	*	.0	.0	.0	.0
19. Recpt 19	*	.0	.0	.0	.0
20. Recpt 20	*	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Nobel and Lombard 2010 Proj am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 37.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Nobel EB LA	*	-150	0	0	0	* AG	79	7.5	.0	10.0
B. Nobel EB TRA	*	-150	-7	0	-7	* AG	878	7.5	.0	10.0
C. Nobel EB TD	*	0	-7	150	-7	* AG	935	7.5	.0	10.0
D. Nobel WB LA	*	150	0	0	0	* AG	8	7.5	.0	10.0
E. Nobel WB TRA	*	150	7	0	7	* AG	495	7.5	.0	10.0
F. Nobel WB TD	*	0	7	-150	7	* AG	564	7.5	.0	10.0
G. Lombard NB L	*	0	-150	0	0	* AG	30	7.5	.0	10.0
H. Lomb NB TRA	*	3	-150	3	0	* AG	38	7.5	.0	10.0
I. Lomb NB TD	*	3	0	3	100	* AG	112	7.5	.0	10.0
J. Lomb SB LA	*	0	100	0	0	* AG	35	7.5	.0	10.0

```
 K. Lomb SB TRA  *    -3   100    -3     0 *  AG     72   7.5     .0
10.0
 L. Lomb SB TD   *    -3     0    -3  -150 *  AG    111   7.5     .0
10.0
```

JOB: Nobel and Lombard 2010 Proj am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. Recpt 1	*	-13	-17	1.8
2. Recpt 2	*	-33	-17	1.8
3. Recpt 3	*	-53	-17	1.8
4. Recpt 4	*	-13	-37	1.8
5. Recpt 5	*	-13	-57	1.8
6. Recpt 6	*	13	-17	1.8
7. Recpt 7	*	33	-17	1.8
8. Recpt 8	*	53	-17	1.8
9. Recpt 9	*	13	-37	1.8
10. Recpt 10	*	13	-57	1.8
11. Recpt 11	*	13	17	1.8
12. Recpt 12	*	33	17	1.8
13. Recpt 13	*	53	17	1.8
14. Recpt 14	*	13	37	1.8
15. Recpt 15	*	13	57	1.8
16. Recpt 16	*	-13	17	1.8
17. Recpt 17	*	-33	17	1.8
18. Recpt 18	*	-53	17	1.8
19. Recpt 19	*	-13	37	1.8
20. Recpt 20	*	-13	57	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: Nobel and Lombard 2010 Proj am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Recpt 1	74.	.6	.0	.0	.4	.0	.1	.0	.0	.0
2. Recpt 2	75.	.6	.0	.2	.2	.0	.1	.0	.0	.0
3. Recpt 3	75.	.6	.0	.3	.1	.0	.1	.0	.0	.0
4. Recpt 4	66.	.3	.0	.0	.2	.0	.0	.0	.0	.0
5. Recpt 5	12.	.3	.0	.0	.0	.0	.0	.0	.0	.0
6. Recpt 6	286.	.6	.0	.4	.0	.0	.0	.1	.0	.0
7. Recpt 7	285.	.6	.0	.2	.2	.0	.0	.1	.0	.0
8. Recpt 8	284.	.6	.0	.1	.3	.0	.0	.1	.0	.0
9. Recpt 9	294.	.3	.0	.2	.0	.0	.0	.0	.0	.0
10. Recpt 10	304.	.3	.0	.1	.0	.0	.0	.0	.0	.0
11. Recpt 11	254.	.6	.0	.2	.0	.0	.0	.3	.0	.0
12. Recpt 12	255.	.5	.0	.2	.0	.0	.1	.2	.0	.0
13. Recpt 13	256.	.5	.0	.2	.0	.0	.2	.0	.0	.0
14. Recpt 14	243.	.3	.0	.1	.0	.0	.0	.1	.0	.0
15. Recpt 15	236.	.3	.0	.1	.0	.0	.0	.0	.0	.0
16. Recpt 16	108.	.5	.0	.0	.2	.0	.2	.0	.0	.0
17. Recpt 17	108.	.5	.0	.0	.2	.0	.1	.2	.0	.0
18. Recpt 18	106.	.5	.0	.0	.2	.0	.0	.2	.0	.0
19. Recpt 19	117.	.3	.0	.0	.2	.0	.1	.0	.0	.0
20. Recpt 20	169.	.3	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: Nobel and Lombard 2010 Proj am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM) I	J	K	L
1. Recpt 1	*	.0	.0	.0	.0
2. Recpt 2	*	.0	.0	.0	.0
3. Recpt 3	*	.0	.0	.0	.0
4. Recpt 4	*	.0	.0	.0	.0
5. Recpt 5	*	.0	.0	.0	.0
6. Recpt 6	*	.0	.0	.0	.0
7. Recpt 7	*	.0	.0	.0	.0
8. Recpt 8	*	.0	.0	.0	.0
9. Recpt 9	*	.0	.0	.0	.0
10. Recpt 10	*	.0	.0	.0	.0
11. Recpt 11	*	.0	.0	.0	.0
12. Recpt 12	*	.0	.0	.0	.0
13. Recpt 13	*	.0	.0	.0	.0
14. Recpt 14	*	.0	.0	.0	.0
15. Recpt 15	*	.0	.0	.0	.0
16. Recpt 16	*	.0	.0	.0	.0
17. Recpt 17	*	.0	.0	.0	.0
18. Recpt 18	*	.0	.0	.0	.0
19. Recpt 19	*	.0	.0	.0	.0
20. Recpt 20	*	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Nobel and Lombard 2010 Proj pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0.
(M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 37.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Nobel EB LA	*	-150	0	0	0	* AG	253	7.5	.0	10.0
B. Nobel EB TRA	*	-150	-7	0	-7	* AG	785	7.5	.0	10.0
C. Nobel EB TD	*	0	-7	150	-7	* AG	851	7.5	.0	10.0
D. Nobel WB LA	*	150	0	0	0	* AG	20	7.5	.0	10.0
E. Nobel WB TRA	*	150	7	0	7	* AG	1183	7.5	.0	10.0
F. Nobel WB TD	*	0	7	-150	7	* AG	1348	7.5	.0	10.0
G. Lombard NB L	*	0	-150	0	0	* AG	15	7.5	.0	10.0
H. Lomb NB TRA	*	3	-150	3	0	* AG	29	7.5	.0	10.0
I. Lomb NB TD	*	3	0	3	100	* AG	350	7.5	.0	10.0
J. Lomb SB LA	*	0	100	0	0	* AG	76	7.5	.0	10.0

```
 K. Lomb SB TRA  *    -3   100    -3     0 *  AG    246   7.5      .0
10.0
 L. Lomb SB TD   *    -3     0    -3  -150 *  AG     58   7.5      .0
10.0
```

JOB: Nobel and Lombard 2010 Proj pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. Recpt 1	*	-13	-17	1.8
2. Recpt 2	*	-33	-17	1.8
3. Recpt 3	*	-53	-17	1.8
4. Recpt 4	*	-13	-37	1.8
5. Recpt 5	*	-13	-57	1.8
6. Recpt 6	*	13	-17	1.8
7. Recpt 7	*	33	-17	1.8
8. Recpt 8	*	53	-17	1.8
9. Recpt 9	*	13	-37	1.8
10. Recpt 10	*	13	-57	1.8
11. Recpt 11	*	13	17	1.8
12. Recpt 12	*	33	17	1.8
13. Recpt 13	*	53	17	1.8
14. Recpt 14	*	13	37	1.8
15. Recpt 15	*	13	57	1.8
16. Recpt 16	*	-13	17	1.8
17. Recpt 17	*	-33	17	1.8
18. Recpt 18	*	-53	17	1.8
19. Recpt 19	*	-13	37	1.8
20. Recpt 20	*	-13	57	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: Nobel and Lombard 2010 Proj pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Recpt 1	289.	.7	.0	.4	.0	.0	.0	.3	.0	.0
2. Recpt 2	290.	.7	.0	.3	.0	.0	.0	.3	.0	.0
3. Recpt 3	71.	.8	.0	.3	.0	.0	.2	.0	.0	.0
4. Recpt 4	12.	.5	.0	.1	.0	.0	.0	.1	.0	.0
5. Recpt 5	10.	.4	.0	.0	.0	.0	.0	.0	.0	.0
6. Recpt 6	288.	.8	.0	.3	.0	.0	.0	.3	.0	.0
7. Recpt 7	286.	.8	.0	.2	.2	.0	.0	.3	.0	.0
8. Recpt 8	285.	.8	.0	.1	.3	.0	.0	.3	.0	.0
9. Recpt 9	348.	.5	.0	.0	.1	.0	.0	.0	.0	.0
10. Recpt 10	350.	.4	.0	.0	.0	.0	.0	.0	.0	.0
11. Recpt 11	254.	1.0	.0	.2	.0	.0	.0	.6	.0	.0
12. Recpt 12	256.	1.0	.0	.2	.0	.0	.2	.3	.0	.0
13. Recpt 13	258.	.9	.0	.2	.0	.0	.3	.2	.0	.0
14. Recpt 14	243.	.6	.0	.1	.0	.0	.0	.3	.0	.0
15. Recpt 15	236.	.5	.0	.1	.0	.0	.0	.2	.0	.0
16. Recpt 16	106.	.9	.0	.0	.2	.0	.5	.0	.0	.0
17. Recpt 17	106.	.9	.0	.0	.2	.0	.3	.3	.0	.0
18. Recpt 18	105.	.9	.0	.0	.2	.0	.1	.4	.0	.0
19. Recpt 19	117.	.5	.0	.0	.1	.0	.2	.0	.0	.0
20. Recpt 20	124.	.5	.0	.0	.1	.0	.2	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: Nobel and Lombard 2010 Proj pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM) I	J	K	L
1. Recpt 1	*	.0	.0	.0	.0
2. Recpt 2	*	.0	.0	.0	.0
3. Recpt 3	*	.0	.0	.0	.0
4. Recpt 4	*	.0	.0	.0	.0
5. Recpt 5	*	.0	.0	.0	.0
6. Recpt 6	*	.0	.0	.0	.0
7. Recpt 7	*	.0	.0	.0	.0
8. Recpt 8	*	.0	.0	.0	.0
9. Recpt 9	*	.1	.0	.0	.0
10. Recpt 10	*	.0	.0	.0	.0
11. Recpt 11	*	.0	.0	.0	.0
12. Recpt 12	*	.0	.0	.0	.0
13. Recpt 13	*	.0	.0	.0	.0
14. Recpt 14	*	.0	.0	.0	.0
15. Recpt 15	*	.1	.0	.0	.0
16. Recpt 16	*	.0	.0	.0	.0
17. Recpt 17	*	.0	.0	.0	.0
18. Recpt 18	*	.0	.0	.0	.0
19. Recpt 19	*	.0	.0	.0	.0
20. Recpt 20	*	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Towne Ctr NUTC Dw 2010 NP am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0.
(M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 37.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NUTC EB LA	*	-150	0	0	0	* AG	110	7.5	.0	10.0
B. NUTC EB TRA	*	-150	-3	0	-3	* AG	57	7.5	.0	10.0
C. NUTC EB TD	*	0	-3	150	-3	* AG	117	7.5	.0	10.0
D. NUTC WB LA	*	150	0	0	0	* AG	28	7.5	.0	10.0
E. NUTC WB TRA	*	150	3	0	3	* AG	88	7.5	.0	10.0
F. NUTC WB TD	*	0	3	-150	3	* AG	318	7.5	.0	10.0
G. TC NB LA	*	0	-150	0	0	* AG	40	7.5	.0	10.0
H. TC NB TRA	*	5	-150	5	0	* AG	735	7.5	.0	10.0
I. TC NB TD	*	5	0	5	100	* AG	900	7.5	.0	10.0
J. TC SB LA	*	0	100	0	0	* AG	85	7.5	.0	10.0

```
 K. TC SB TRA     *     -5    100     -5      0 *  AG    1130    7.5      .0
10.0
 L. TC SB TD      *     -5      0     -5   -150 *  AG     935    7.5      .0
10.0
```

JOB: Towne Ctr NUTC Dw 2010 NP am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. Recpt 1	*	-15	-13	1.8
2. Recpt 2	*	-15	-33	1.8
3. Recpt 3	*	-15	-53	1.8
4. Recpt 4	*	-35	-13	1.8
5. Recpt 5	*	-55	-13	1.8
6. Recpt 6	*	15	-13	1.8
7. Recpt 7	*	15	-33	1.8
8. Recpt 8	*	15	-53	1.8
9. Recpt 9	*	35	-13	1.8
10. Recpt 10	*	55	-13	1.8
11. Recpt 11	*	15	13	1.8
12. Recpt 12	*	15	33	1.8
13. Recpt 13	*	15	53	1.8
14. Recpt 14	*	35	13	1.8
15. Recpt 15	*	55	13	1.8
16. Recpt 16	*	-15	13	1.8
17. Recpt 17	*	-15	33	1.8
18. Recpt 18	*	-15	53	1.8
19. Recpt 19	*	-35	13	1.8
20. Recpt 20	*	-55	13	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: Towne Ctr NUTC Dw 2010 NP am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Recpt 1	18.	.8	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	16.	.8	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	15.	.8	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	32.	.5	.0	.0	.0	.0	.0	.0	.0	.0
5. Recpt 5	39.	.4	.0	.0	.0	.0	.0	.0	.0	.0
6. Recpt 6	342.	.8	.0	.0	.0	.0	.0	.0	.0	.0
7. Recpt 7	343.	.7	.0	.0	.0	.0	.0	.0	.0	.2
8. Recpt 8	344.	.7	.0	.0	.0	.0	.0	.0	.0	.3
9. Recpt 9	284.	.5	.0	.0	.0	.0	.0	.1	.0	.0
10. Recpt 10	282.	.4	.0	.0	.0	.0	.0	.0	.0	.0
11. Recpt 11	257.	.7	.0	.0	.0	.0	.0	.2	.0	.0
12. Recpt 12	197.	.7	.0	.0	.0	.0	.0	.0	.0	.2
13. Recpt 13	197.	.8	.0	.0	.0	.0	.0	.0	.0	.0
14. Recpt 14	260.	.5	.0	.0	.0	.0	.0	.1	.0	.0
15. Recpt 15	262.	.4	.0	.0	.0	.0	.0	.0	.0	.0
16. Recpt 16	164.	.8	.0	.0	.0	.0	.0	.0	.0	.2
17. Recpt 17	163.	.8	.0	.0	.0	.0	.0	.0	.0	.2
18. Recpt 18	164.	.8	.0	.0	.0	.0	.0	.0	.0	.2
19. Recpt 19	154.	.5	.0	.0	.0	.0	.0	.0	.0	.1
20. Recpt 20	106.	.4	.0	.0	.0	.0	.0	.1	.0	.0

JOB: Towne Ctr NUTC Dw 2010 NP am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM) I	J	K	L
1. Recpt 1	*	.2	.0	.4	.0
2. Recpt 2	*	.2	.0	.2	.2
3. Recpt 3	*	.2	.0	.1	.3
4. Recpt 4	*	.1	.0	.2	.0
5. Recpt 5	*	.1	.0	.2	.0
6. Recpt 6	*	.4	.0	.3	.0
7. Recpt 7	*	.2	.0	.3	.0
8. Recpt 8	*	.0	.0	.2	.0
9. Recpt 9	*	.0	.0	.0	.0
10. Recpt 10	*	.0	.0	.0	.0
11. Recpt 11	*	.2	.0	.2	.0
12. Recpt 12	*	.2	.0	.0	.2
13. Recpt 13	*	.3	.0	.0	.2
14. Recpt 14	*	.1	.0	.1	.0
15. Recpt 15	*	.0	.0	.0	.0
16. Recpt 16	*	.0	.0	.0	.4
17. Recpt 17	*	.0	.0	.3	.2
18. Recpt 18	*	.0	.0	.4	.1
19. Recpt 19	*	.0	.0	.0	.2
20. Recpt 20	*	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Towne Ctr NUTC Dw 2010 NP pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 37.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NUTC EB LA	*	-150	0	0	0	* AG	90	7.5	.0	10.0
B. NUTC EB TRA	*	-150	-3	0	-3	* AG	55	7.5	.0	10.0
C. NUTC EB TD	*	0	-3	150	-3	* AG	100	7.5	.0	10.0
D. NUTC WB LA	*	150	0	0	0	* AG	35	7.5	.0	10.0
E. NUTC WB TRA	*	150	3	0	3	* AG	65	7.5	.0	10.0
F. NUTC WB TD	*	0	3	-150	3	* AG	170	7.5	.0	10.0
G. TC NB LA	*	0	-150	0	0	* AG	25	7.5	.0	10.0
H. TC NB TRA	*	5	-150	5	0	* AG	385	7.5	.0	10.0
I. TC NB TD	*	5	0	5	100	* AG	530	7.5	.0	10.0
J. TC SB LA	*	0	100	0	0	* AG	90	7.5	.0	10.0

```
 K. TC SB TRA     *     -5   100     -5      0 *  AG    1120    7.5      .0
10.0
 L. TC SB TD      *     -5     0     -5   -150 *  AG    1065    7.5      .0
10.0
```

JOB: Towne Ctr NUTC Dw 2010 NP pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. Recpt 1	*	-15	-13	1.8
2. Recpt 2	*	-15	-33	1.8
3. Recpt 3	*	-15	-53	1.8
4. Recpt 4	*	-35	-13	1.8
5. Recpt 5	*	-55	-13	1.8
6. Recpt 6	*	15	-13	1.8
7. Recpt 7	*	15	-33	1.8
8. Recpt 8	*	15	-53	1.8
9. Recpt 9	*	35	-13	1.8
10. Recpt 10	*	55	-13	1.8
11. Recpt 11	*	15	13	1.8
12. Recpt 12	*	15	33	1.8
13. Recpt 13	*	15	53	1.8
14. Recpt 14	*	35	13	1.8
15. Recpt 15	*	55	13	1.8
16. Recpt 16	*	-15	13	1.8
17. Recpt 17	*	-15	33	1.8
18. Recpt 18	*	-15	53	1.8
19. Recpt 19	*	-35	13	1.8
20. Recpt 20	*	-55	13	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: Towne Ctr NUTC Dw 2010 NP pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Recpt 1	18.	.7	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	16.	.7	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	15.	.7	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	32.	.4	.0	.0	.0	.0	.0	.0	.0	.0
5. Recpt 5	39.	.3	.0	.0	.0	.0	.0	.0	.0	.0
6. Recpt 6	342.	.6	.0	.0	.0	.0	.0	.0	.0	.0
7. Recpt 7	343.	.6	.0	.0	.0	.0	.0	.0	.0	.0
8. Recpt 8	344.	.6	.0	.0	.0	.0	.0	.0	.0	.1
9. Recpt 9	328.	.4	.0	.0	.0	.0	.0	.0	.0	.0
10. Recpt 10	282.	.3	.0	.0	.0	.0	.0	.0	.0	.0
11. Recpt 11	337.	.5	.0	.0	.0	.0	.0	.0	.0	.0
12. Recpt 12	197.	.6	.0	.0	.0	.0	.0	.0	.0	.0
13. Recpt 13	197.	.6	.0	.0	.0	.0	.0	.0	.0	.0
14. Recpt 14	260.	.4	.0	.0	.0	.0	.0	.0	.0	.0
15. Recpt 15	261.	.3	.0	.0	.0	.0	.0	.0	.0	.0
16. Recpt 16	165.	.7	.0	.0	.0	.0	.0	.0	.0	.1
17. Recpt 17	165.	.7	.0	.0	.0	.0	.0	.0	.0	.1
18. Recpt 18	165.	.7	.0	.0	.0	.0	.0	.0	.0	.0
19. Recpt 19	156.	.4	.0	.0	.0	.0	.0	.0	.0	.0
20. Recpt 20	103.	.3	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Towne Ctr,NUTC Dw 2010 NP pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM) I	J	K	L
1. Recpt 1	*	.1	.0	.4	.0
2. Recpt 2	*	.1	.0	.2	.2
3. Recpt 3	*	.1	.0	.1	.4
4. Recpt 4	*	.0	.0	.2	.0
5. Recpt 5	*	.0	.0	.2	.0
6. Recpt 6	*	.2	.0	.3	.0
7. Recpt 7	*	.1	.0	.3	.0
8. Recpt 8	*	.0	.0	.2	.0
9. Recpt 9	*	.1	.0	.2	.0
10. Recpt 10	*	.0	.0	.0	.0
11. Recpt 11	*	.2	.0	.3	.0
12. Recpt 12	*	.1	.0	.0	.3
13. Recpt 13	*	.2	.0	.0	.2
14. Recpt 14	*	.0	.0	.1	.0
15. Recpt 15	*	.0	.0	.0	.0
16. Recpt 16	*	.0	.0	.0	.5
17. Recpt 17	*	.0	.0	.2	.3
18. Recpt 18	*	.0	.0	.4	.1
19. Recpt 19	*	.0	.0	.0	.2
20. Recpt 20	*	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Towne Ctr NUTC Dw 2010 Proj am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0.
(M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 37.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NUTC EB LA	*	-150	0	0	0	* AG	110	7.5	.0	10.0
B. NUTC EB TRA	*	-150	-3	0	-3	* AG	68	7.5	.0	10.0
C. NUTC EB TD	*	0	-3	150	-3	* AG	117	7.5	.0	10.0
D. NUTC WB LA	*	150	0	0	0	* AG	28	7.5	.0	10.0
E. NUTC WB TRA	*	150	3	0	3	* AG	88	7.5	.0	10.0
F. NUTC WB TD	*	0	3	-150	3	* AG	333	7.5	.0	10.0
G. TC NB LA	*	0	-150	0	0	* AG	40	7.5	.0	10.0
H. TC NB TRA	*	5	-150	5	0	* AG	766	7.5	.0	10.0
I. TC NB TD	*	5	0	5	100	* AG	931	7.5	.0	10.0
J. TC SB LA	*	0	100	0	0	* AG	85	7.5	.0	10.0

```
 K. TC SB TRA    *    -5   100    -5     0 *  AG   1173   7.5     .0
10.0
 L. TC SB TD     *    -5     0    -5  -150 *  AG    931   7.5     .0
10.0
```

JOB: Towne Ctr NUTC Dw 2010 Proj am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. Recpt 1	*	-15	-13	1.8
2. Recpt 2	*	-15	-33	1.8
3. Recpt 3	*	-15	-53	1.8
4. Recpt 4	*	-35	-13	1.8
5. Recpt 5	*	-55	-13	1.8
6. Recpt 6	*	15	-13	1.8
7. Recpt 7	*	15	-33	1.8
8. Recpt 8	*	15	-53	1.8
9. Recpt 9	*	35	-13	1.8
10. Recpt 10	*	55	-13	1.8
11. Recpt 11	*	15	13	1.8
12. Recpt 12	*	15	33	1.8
13. Recpt 13	*	15	53	1.8
14. Recpt 14	*	35	13	1.8
15. Recpt 15	*	55	13	1.8
16. Recpt 16	*	-15	13	1.8
17. Recpt 17	*	-15	33	1.8
18. Recpt 18	*	-15	53	1.8
19. Recpt 19	*	-35	13	1.8
20. Recpt 20	*	-55	13	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: Towne Ctr NUTC Dw 2010 Proj am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Recpt 1	18.	.9	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	16.	.8	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	15.	.8	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	32.	.5	.0	.0	.0	.0	.0	.0	.0	.0
5. Recpt 5	39.	.4	.0	.0	.0	.0	.0	.0	.0	.0
6. Recpt 6	342.	.8	.0	.0	.0	.0	.0	.0	.0	.0
7. Recpt 7	343.	.8	.0	.0	.0	.0	.0	.0	.0	.2
8. Recpt 8	344.	.7	.0	.0	.0	.0	.0	.0	.0	.3
9. Recpt 9	284.	.5	.0	.0	.0	.0	.0	.1	.0	.1
10. Recpt 10	281.	.4	.0	.0	.0	.0	.0	.0	.0	.0
11. Recpt 11	257.	.7	.0	.0	.0	.0	.0	.2	.0	.0
12. Recpt 12	197.	.7	.0	.0	.0	.0	.0	.0	.0	.2
13. Recpt 13	197.	.8	.0	.0	.0	.0	.0	.0	.0	.0
14. Recpt 14	260.	.5	.0	.0	.0	.0	.0	.1	.0	.0
15. Recpt 15	262.	.4	.0	.0	.0	.0	.0	.0	.0	.0
16. Recpt 16	164.	.8	.0	.0	.0	.0	.0	.0	.0	.2
17. Recpt 17	163.	.8	.0	.0	.0	.0	.0	.0	.0	.2
18. Recpt 18	164.	.8	.0	.0	.0	.0	.0	.0	.0	.2
19. Recpt 19	154.	.5	.0	.0	.0	.0	.0	.0	.0	.1
20. Recpt 20	106.	.4	.0	.0	.0	.0	.0	.1	.0	.0

JOB: Towne Ctr NUTC Dw 2010 Proj am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM) I	J	K	L
1. Recpt 1	*	.2	.0	.5	.0
2. Recpt 2	*	.2	.0	.3	.2
3. Recpt 3	*	.2	.0	.1	.3
4. Recpt 4	*	.2	.0	.2	.0
5. Recpt 5	*	.1	.0	.2	.0
6. Recpt 6	*	.4	.0	.3	.0
7. Recpt 7	*	.2	.0	.3	.0
8. Recpt 8	*	.0	.0	.2	.0
9. Recpt 9	*	.0	.0	.0	.0
10. Recpt 10	*	.0	.0	.0	.0
11. Recpt 11	*	.2	.0	.2	.0
12. Recpt 12	*	.2	.0	.0	.2
13. Recpt 13	*	.3	.0	.0	.2
14. Recpt 14	*	.1	.0	.1	.0
15. Recpt 15	*	.0	.0	.0	.0
16. Recpt 16	*	.0	.0	.0	.4
17. Recpt 17	*	.0	.0	.3	.2
18. Recpt 18	*	.0	.0	.4	.1
19. Recpt 19	*	.0	.0	.0	.2
20. Recpt 20	*	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Towne Ctr NUTC Dw 2010 Proj pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0.
(M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 37.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. NUTC EB LA	*	-150	0	0	0	* AG	90	7.5	.0	10.0
B. NUTC EB TRA	*	-150	-3	0	-3	* AG	102	7.5	.0	10.0
C. NUTC EB TD	*	0	-3	150	-3	* AG	100	7.5	.0	10.0
D. NUTC WB LA	*	150	0	0	0	* AG	35	7.5	.0	10.0
E. NUTC WB TRA	*	150	3	0	3	* AG	65	7.5	.0	10.0
F. NUTC WB TD	*	0	3	-150	3	* AG	219	7.5	.0	10.0
G. TC NB LA	*	0	-150	0	0	* AG	25	7.5	.0	10.0
H. TC NB TRA	*	5	-150	5	0	* AG	517	7.5	.0	10.0
I. TC NB TD	*	5	0	5	100	* AG	662	7.5	.0	10.0
J. TC SB LA	*	0	100	0	0	* AG	90	7.5	.0	10.0

```
 K. TC SB TRA     *     -5   100     -5      0 *  AG    1260    7.5      .0
10.0
 L. TC SB TD      *     -5     0     -5   -150 *  AG    1203    7.5      .0
10.0
```

JOB: Towne Ctr NUTC Dw 2010 Proj pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. Recpt 1	*	-15	-13	1.8
2. Recpt 2	*	-15	-33	1.8
3. Recpt 3	*	-15	-53	1.8
4. Recpt 4	*	-35	-13	1.8
5. Recpt 5	*	-55	-13	1.8
6. Recpt 6	*	15	-13	1.8
7. Recpt 7	*	15	-33	1.8
8. Recpt 8	*	15	-53	1.8
9. Recpt 9	*	35	-13	1.8
10. Recpt 10	*	55	-13	1.8
11. Recpt 11	*	15	13	1.8
12. Recpt 12	*	15	33	1.8
13. Recpt 13	*	15	53	1.8
14. Recpt 14	*	35	13	1.8
15. Recpt 15	*	55	13	1.8
16. Recpt 16	*	-15	13	1.8
17. Recpt 17	*	-15	33	1.8
18. Recpt 18	*	-15	53	1.8
19. Recpt 19	*	-35	13	1.8
20. Recpt 20	*	-55	13	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: Towne Ctr NUTC Dw 2010 Proj pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Recpt 1	18.	.8	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	16.	.8	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	15.	.8	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	32.	.5	.0	.0	.0	.0	.0	.0	.0	.0
5. Recpt 5	39.	.4	.0	.0	.0	.0	.0	.0	.0	.0
6. Recpt 6	342.	.7	.0	.0	.0	.0	.0	.0	.0	.0
7. Recpt 7	343.	.7	.0	.0	.0	.0	.0	.0	.0	.1
8. Recpt 8	344.	.6	.0	.0	.0	.0	.0	.0	.0	.2
9. Recpt 9	284.	.4	.0	.0	.0	.0	.0	.0	.0	.0
10. Recpt 10	281.	.4	.0	.0	.0	.0	.0	.0	.0	.0
11. Recpt 11	337.	.6	.0	.0	.0	.0	.0	.0	.0	.0
12. Recpt 12	197.	.7	.0	.0	.0	.0	.0	.0	.0	.1
13. Recpt 13	197.	.7	.0	.0	.0	.0	.0	.0	.0	.0
14. Recpt 14	260.	.4	.0	.0	.0	.0	.0	.0	.0	.0
15. Recpt 15	261.	.4	.0	.0	.0	.0	.0	.0	.0	.0
16. Recpt 16	164.	.8	.0	.0	.0	.0	.0	.0	.0	.2
17. Recpt 17	165.	.8	.0	.0	.0	.0	.0	.0	.0	.1
18. Recpt 18	165.	.8	.0	.0	.0	.0	.0	.0	.0	.1
19. Recpt 19	156.	.5	.0	.0	.0	.0	.0	.0	.0	.0
20. Recpt 20	106.	.4	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Towne Ctr NUTC Dw 2010 Proj pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	CONC/LINK (PPM) I	J	K	L
1. Recpt 1	.2	.0	.5	.0
2. Recpt 2	.2	.0	.3	.3
3. Recpt 3	.1	.0	.1	.4
4. Recpt 4	.1	.0	.2	.0
5. Recpt 5	.0	.0	.2	.0
6. Recpt 6	.3	.0	.3	.0
7. Recpt 7	.1	.0	.3	.0
8. Recpt 8	.0	.0	.2	.0
9. Recpt 9	.0	.0	.0	.1
10. Recpt 10	.0	.0	.0	.0
11. Recpt 11	.3	.0	.3	.0
12. Recpt 12	.2	.0	.0	.3
13. Recpt 13	.2	.0	.1	.2
14. Recpt 14	.0	.0	.1	.0
15. Recpt 15	.0	.0	.0	.0
16. Recpt 16	.0	.0	.0	.5
17. Recpt 17	.0	.0	.3	.3
18. Recpt 18	.0	.0	.4	.1
19. Recpt 19	.0	.0	.0	.2
20. Recpt 20	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Towne Ctr SUTC Dw 2010 NP am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0.
(M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 37.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. SUTC EB LA	*	-150	0	0	0	* AG	280	7.5	.0	10.0
B. SUTC EB TRA	*	-150	-3	0	-3	* AG	100	7.5	.0	10.0
C. SUTC EB TD	*	0	-3	150	-3	* AG	68	7.5	.0	10.0
D. SUTC WB LA	*	150	0	0	0	* AG	35	7.5	.0	10.0
E. SUTC WB TRA	*	150	3	0	3	* AG	44	7.5	.0	10.0
F. SUTC WB TD	*	0	3	-150	3	* AG	355	7.5	.0	10.0
G. TC NB LA	*	0	-150	0	0	* AG	120	7.5	.0	10.0
H. TC NB TRA	*	5	-150	5	0	* AG	606	7.5	.0	10.0
I. TC NB TD	*	5	0	5	100	* AG	889	7.5	.0	10.0
J. TC SB LA	*	0	100	0	0	* AG	27	7.5	.0	10.0

```
 K. TC SB TRA     *    -5   100    -5     0 *  AG    770   7.5      .0
10.0
 L. TC SB TD      *    -5     0    -5  -150 *  AG    670   7.5      .0
10.0
```

JOB: Towne Ctr SUTC Dw 2010 NP am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. Recpt 1	*	-15	-13	1.8
2. Recpt 2	*	-15	-33	1.8
3. Recpt 3	*	-15	-53	1.8
4. Recpt 4	*	-35	-13	1.8
5. Recpt 5	*	-55	-13	1.8
6. Recpt 6	*	15	-13	1.8
7. Recpt 7	*	15	-33	1.8
8. Recpt 8	*	15	-53	1.8
9. Recpt 9	*	35	-13	1.8
10. Recpt 10	*	55	-13	1.8
11. Recpt 11	*	15	13	1.8
12. Recpt 12	*	15	33	1.8
13. Recpt 13	*	15	53	1.8
14. Recpt 14	*	35	13	1.8
15. Recpt 15	*	55	13	1.8
16. Recpt 16	*	-15	13	1.8
17. Recpt 17	*	-15	33	1.8
18. Recpt 18	*	-15	53	1.8
19. Recpt 19	*	-35	13	1.8
20. Recpt 20	*	-55	13	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: Towne Ctr SUTC Dw 2010 NP am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Recpt 1	18.	.7	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	16.	.7	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	15.	.6	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	32.	.5	.0	.0	.0	.0	.0	.0	.0	.0
5. Recpt 5	60.	.4	.0	.0	.0	.0	.0	.1	.0	.0
6. Recpt 6	343.	.6	.0	.0	.0	.0	.0	.0	.0	.0
7. Recpt 7	343.	.6	.0	.0	.0	.0	.0	.0	.0	.2
8. Recpt 8	344.	.6	.0	.0	.0	.0	.0	.0	.0	.2
9. Recpt 9	282.	.5	.1	.0	.0	.0	.0	.1	.0	.0
10. Recpt 10	280.	.4	.0	.0	.0	.0	.0	.0	.0	.0
11. Recpt 11	257.	.7	.1	.0	.0	.0	.0	.2	.0	.0
12. Recpt 12	198.	.6	.0	.0	.0	.0	.0	.0	.0	.1
13. Recpt 13	197.	.7	.0	.0	.0	.0	.0	.0	.0	.0
14. Recpt 14	260.	.5	.1	.0	.0	.0	.0	.1	.0	.0
15. Recpt 15	262.	.4	.0	.0	.0	.0	.0	.0	.0	.0
16. Recpt 16	164.	.7	.0	.0	.0	.0	.0	.0	.0	.2
17. Recpt 17	165.	.7	.0	.0	.0	.0	.0	.0	.0	.2
18. Recpt 18	167.	.7	.0	.0	.0	.0	.0	.0	.0	.1
19. Recpt 19	154.	.5	.0	.0	.0	.0	.0	.1	.0	.1
20. Recpt 20	113.	.4	.0	.0	.0	.0	.0	.2	.0	.0

JOB: Towne Ctr SUTC Dw 2010 NP am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM) I	J	K	L
1. Recpt 1	*	.2	.0	.3	.0
2. Recpt 2	*	.2	.0	.2	.2
3. Recpt 3	*	.2	.0	.0	.2
4. Recpt 4	*	.1	.0	.2	.0
5. Recpt 5	*	.0	.0	.0	.0
6. Recpt 6	*	.4	.0	.2	.0
7. Recpt 7	*	.2	.0	.2	.0
8. Recpt 8	*	.0	.0	.2	.0
9. Recpt 9	*	.0	.0	.0	.0
10. Recpt 10	*	.0	.0	.0	.0
11. Recpt 11	*	.2	.0	.1	.0
12. Recpt 12	*	.2	.0	.0	.2
13. Recpt 13	*	.3	.0	.0	.1
14. Recpt 14	*	.1	.0	.0	.0
15. Recpt 15	*	.0	.0	.0	.0
16. Recpt 16	*	.0	.0	.0	.3
17. Recpt 17	*	.0	.0	.2	.2
18. Recpt 18	*	.0	.0	.2	.1
19. Recpt 19	*	.0	.0	.0	.1
20. Recpt 20	*	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Towne Ctr SUTC Dw 2010 NP pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0.
(M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 37.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. SUTC EB LA	*	-150	0	0	0	* AG	120	7.5	.0	10.0
B. SUTC EB TRA	*	-150	-3	0	-3	* AG	165	7.5	.0	10.0
C. SUTC EB TD	*	0	-3	150	-3	* AG	15	7.5	.0	10.0
D. SUTC WB LA	*	150	0	0	0	* AG	55	7.5	.0	10.0
E. SUTC WB TRA	*	150	3	0	3	* AG	65	7.5	.0	10.0
F. SUTC WB TD	*	0	3	-150	3	* AG	170	7.5	.0	10.0
G. TC NB LA	*	0	-150	0	0	* AG	90	7.5	.0	10.0
H. TC NB TRA	*	5	-150	5	0	* AG	265	7.5	.0	10.0
I. TC NB TD	*	5	0	5	100	* AG	440	7.5	.0	10.0
J. TC SB LA	*	0	100	0	0	* AG	5	7.5	.0	10.0

```
 K. TC SB TRA     *     -5   100     -5      0 *  AG     955   7.5      .0
10.0
 L. TC SB TD      *     -5     0     -5   -150 *  AG    1095   7.5      .0
10.0
```

JOB: Towne Ctr SUTC Dw 2010 NP pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. Recpt 1	*	-15	-13	1.8
2. Recpt 2	*	-15	-33	1.8
3. Recpt 3	*	-15	-53	1.8
4. Recpt 4	*	-35	-13	1.8
5. Recpt 5	*	-55	-13	1.8
6. Recpt 6	*	15	-13	1.8
7. Recpt 7	*	15	-33	1.8
8. Recpt 8	*	15	-53	1.8
9. Recpt 9	*	35	-13	1.8
10. Recpt 10	*	55	-13	1.8
11. Recpt 11	*	15	13	1.8
12. Recpt 12	*	15	33	1.8
13. Recpt 13	*	15	53	1.8
14. Recpt 14	*	35	13	1.8
15. Recpt 15	*	55	13	1.8
16. Recpt 16	*	-15	13	1.8
17. Recpt 17	*	-15	33	1.8
18. Recpt 18	*	-15	53	1.8
19. Recpt 19	*	-35	13	1.8
20. Recpt 20	*	-55	13	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: Towne Ctr SUTC Dw 2010 NP pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Recpt 1	18.	.7	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	17.	.7	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	16.	.7	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	32.	.4	.0	.0	.0	.0	.0	.0	.0	.0
5. Recpt 5	66.	.3	.0	.0	.0	.0	.0	.0	.0	.0
6. Recpt 6	284.	.5	.0	.0	.0	.0	.0	.0	.0	.0
7. Recpt 7	339.	.5	.0	.0	.0	.0	.0	.0	.0	.0
8. Recpt 8	338.	.5	.0	.0	.0	.0	.0	.0	.0	.1
9. Recpt 9	280.	.4	.0	.0	.0	.0	.0	.0	.0	.0
10. Recpt 10	279.	.3	.0	.0	.0	.0	.0	.0	.0	.0
11. Recpt 11	197.	.5	.0	.0	.0	.0	.0	.0	.0	.1
12. Recpt 12	197.	.5	.0	.0	.0	.0	.0	.0	.0	.0
13. Recpt 13	196.	.6	.0	.0	.0	.0	.0	.0	.0	.0
14. Recpt 14	259.	.4	.0	.0	.0	.0	.0	.0	.0	.0
15. Recpt 15	260.	.3	.0	.0	.0	.0	.0	.0	.0	.0
16. Recpt 16	165.	.7	.0	.0	.0	.0	.0	.0	.0	.0
17. Recpt 17	168.	.7	.0	.0	.0	.0	.0	.0	.0	.0
18. Recpt 18	169.	.6	.0	.0	.0	.0	.0	.0	.0	.0
19. Recpt 19	156.	.4	.0	.0	.0	.0	.0	.0	.0	.0
20. Recpt 20	146.	.3	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: Towne Ctr SUTC Dw 2010 NP pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM) I	J	K	L
1. Recpt 1	*	.1	.0	.4	.0
2. Recpt 2	*	.1	.0	.2	.3
3. Recpt 3	*	.0	.0	.1	.4
4. Recpt 4	*	.0	.0	.2	.0
5. Recpt 5	*	.0	.0	.0	.0
6. Recpt 6	*	.0	.0	.0	.2
7. Recpt 7	*	.0	.0	.2	.0
8. Recpt 8	*	.0	.0	.1	.2
9. Recpt 9	*	.0	.0	.0	.1
10. Recpt 10	*	.0	.0	.0	.0
11. Recpt 11	*	.0	.0	.0	.3
12. Recpt 12	*	.1	.0	.0	.3
13. Recpt 13	*	.2	.0	.0	.2
14. Recpt 14	*	.0	.0	.0	.0
15. Recpt 15	*	.0	.0	.0	.0
16. Recpt 16	*	.0	.0	.0	.5
17. Recpt 17	*	.0	.0	.2	.3
18. Recpt 18	*	.0	.0	.3	.2
19. Recpt 19	*	.0	.0	.0	.2
20. Recpt 20	*	.0	.0	.0	.2

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Towne Ctr SUTC Dw 2010 Proj am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 37.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. SUTC EB LA	*	-150	0	0	0	* AG	311	7.5	.0	10.0
B. SUTC EB TRA	*	-150	-3	0	-3	* AG	105	7.5	.0	10.0
C. SUTC EB TD	*	0	-3	150	-3	* AG	68	7.5	.0	10.0
D. SUTC WB LA	*	150	0	0	0	* AG	35	7.5	.0	10.0
E. SUTC WB TRA	*	150	3	0	3	* AG	44	7.5	.0	10.0
F. SUTC WB TD	*	0	3	-150	3	* AG	406	7.5	.0	10.0
G. TC NB LA	*	0	-150	0	0	* AG	143	7.5	.0	10.0
H. TC NB TRA	*	5	-150	5	0	* AG	606	7.5	.0	10.0
I. TC NB TD	*	5	0	5	100	* AG	920	7.5	.0	10.0
J. TC SB LA	*	0	100	0	0	* AG	27	7.5	.0	10.0

```
 K. TC SB TRA    *    -5   100    -5     0 *  AG    809   7.5     .0
10.0
 L. TC SB TD     *    -5     0    -5  -150 *  AG    686   7.5     .0
10.0
```

JOB: Towne Ctr SUTC Dw 2010 Proj am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. Recpt 1	*	-15	-13	1.8
2. Recpt 2	*	-15	-33	1.8
3. Recpt 3	*	-15	-53	1.8
4. Recpt 4	*	-35	-13	1.8
5. Recpt 5	*	-55	-13	1.8
6. Recpt 6	*	15	-13	1.8
7. Recpt 7	*	15	-33	1.8
8. Recpt 8	*	15	-53	1.8
9. Recpt 9	*	35	-13	1.8
10. Recpt 10	*	55	-13	1.8
11. Recpt 11	*	15	13	1.8
12. Recpt 12	*	15	33	1.8
13. Recpt 13	*	15	53	1.8
14. Recpt 14	*	35	13	1.8
15. Recpt 15	*	55	13	1.8
16. Recpt 16	*	-15	13	1.8
17. Recpt 17	*	-15	33	1.8
18. Recpt 18	*	-15	53	1.8
19. Recpt 19	*	-35	13	1.8
20. Recpt 20	*	-55	13	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: Towne Ctr SUTC Dw 2010 Proj am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Recpt 1	18.	.8	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	16.	.7	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	15.	.7	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	32.	.5	.0	.0	.0	.0	.0	.0	.0	.0
5. Recpt 5	60.	.5	.1	.0	.0	.0	.0	.1	.0	.0
6. Recpt 6	343.	.6	.0	.0	.0	.0	.0	.0	.0	.0
7. Recpt 7	343.	.6	.0	.0	.0	.0	.0	.0	.0	.2
8. Recpt 8	344.	.6	.0	.0	.0	.0	.0	.0	.0	.2
9. Recpt 9	282.	.5	.1	.0	.0	.0	.0	.1	.0	.0
10. Recpt 10	280.	.4	.0	.0	.0	.0	.0	.1	.0	.0
11. Recpt 11	257.	.8	.1	.0	.0	.0	.0	.2	.0	.0
12. Recpt 12	204.	.7	.0	.0	.0	.0	.0	.0	.0	.0
13. Recpt 13	197.	.7	.0	.0	.0	.0	.0	.0	.0	.0
14. Recpt 14	260.	.5	.1	.0	.0	.0	.0	.1	.0	.0
15. Recpt 15	262.	.4	.0	.0	.0	.0	.0	.1	.0	.0
16. Recpt 16	164.	.8	.0	.0	.0	.0	.0	.1	.0	.2
17. Recpt 17	165.	.7	.0	.0	.0	.0	.0	.0	.0	.2
18. Recpt 18	167.	.7	.0	.0	.0	.0	.0	.0	.0	.1
19. Recpt 19	154.	.5	.0	.0	.0	.0	.0	.1	.0	.1
20. Recpt 20	114.	.5	.1	.0	.0	.0	.0	.2	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: Towne Ctr SUTC Dw 2010 Proj am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM) I	J	K	L
1. Recpt 1	*	.2	.0	.3	.0
2. Recpt 2	*	.2	.0	.2	.2
3. Recpt 3	*	.2	.0	.1	.2
4. Recpt 4	*	.1	.0	.2	.0
5. Recpt 5	*	.0	.0	.0	.0
6. Recpt 6	*	.4	.0	.2	.0
7. Recpt 7	*	.2	.0	.2	.0
8. Recpt 8	*	.0	.0	.2	.0
9. Recpt 9	*	.0	.0	.0	.0
10. Recpt 10	*	.0	.0	.0	.0
11. Recpt 11	*	.2	.0	.1	.0
12. Recpt 12	*	.3	.0	.0	.1
13. Recpt 13	*	.3	.0	.0	.1
14. Recpt 14	*	.1	.0	.0	.0
15. Recpt 15	*	.0	.0	.0	.0
16. Recpt 16	*	.0	.0	.0	.3
17. Recpt 17	*	.0	.0	.2	.2
18. Recpt 18	*	.0	.0	.2	.1
19. Recpt 19	*	.0	.0	.0	.1
20. Recpt 20	*	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Towne Ctr SUTC Dw 2010 Proj pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0.
(M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 37.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. SUTC EB LA	*	-150	0	0	0	* AG	252	7.5	.0	10.0
B. SUTC EB TRA	*	-150	-3	0	-3	* AG	188	7.5	.0	10.0
C. SUTC EB TD	*	0	-3	150	-3	* AG	15	7.5	.0	10.0
D. SUTC WB LA	*	150	0	0	0	* AG	55	7.5	.0	10.0
E. SUTC WB TRA	*	150	3	0	3	* AG	65	7.5	.0	10.0
F. SUTC WB TD	*	0	3	-150	3	* AG	335	7.5	.0	10.0
G. TC NB LA	*	0	-150	0	0	* AG	164	7.5	.0	10.0
H. TC NB TRA	*	5	-150	5	0	* AG	265	7.5	.0	10.0
I. TC NB TD	*	5	0	5	100	* AG	572	7.5	.0	10.0
J. TC SB LA	*	0	100	0	0	* AG	5	7.5	.0	10.0

```
 K. TC SB TRA     *    -5   100    -5     0 *  AG   1093   7.5     .0
10.0
 L. TC SB TD      *    -5     0    -5  -150 *  AG   1165   7.5     .0
10.0
```

JOB: Towne Ctr SUTC Dw 2010 Proj pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. Recpt 1	*	-15	-13	1.8
2. Recpt 2	*	-15	-33	1.8
3. Recpt 3	*	-15	-53	1.8
4. Recpt 4	*	-35	-13	1.8
5. Recpt 5	*	-55	-13	1.8
6. Recpt 6	*	15	-13	1.8
7. Recpt 7	*	15	-33	1.8
8. Recpt 8	*	15	-53	1.8
9. Recpt 9	*	35	-13	1.8
10. Recpt 10	*	55	-13	1.8
11. Recpt 11	*	15	13	1.8
12. Recpt 12	*	15	33	1.8
13. Recpt 13	*	15	53	1.8
14. Recpt 14	*	35	13	1.8
15. Recpt 15	*	55	13	1.8
16. Recpt 16	*	-15	13	1.8
17. Recpt 17	*	-15	33	1.8
18. Recpt 18	*	-15	53	1.8
19. Recpt 19	*	-35	13	1.8
20. Recpt 20	*	-55	13	1.8

JOB: Towne Ctr SUTC Dw 2010 Proj pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Recpt 1	18.	.8	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	17.	.8	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	15.	.7	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	32.	.5	.0	.0	.0	.0	.0	.0	.0	.0
5. Recpt 5	65.	.5	.0	.0	.0	.0	.0	.0	.0	.0
6. Recpt 6	284.	.6	.1	.0	.0	.0	.0	.1	.0	.0
7. Recpt 7	338.	.5	.0	.0	.0	.0	.0	.0	.0	.0
8. Recpt 8	338.	.6	.0	.0	.0	.0	.0	.0	.0	.1
9. Recpt 9	281.	.5	.0	.0	.0	.0	.0	.1	.0	.0
10. Recpt 10	279.	.4	.0	.0	.0	.0	.0	.0	.0	.0
11. Recpt 11	256.	.7	.1	.0	.0	.0	.0	.2	.0	.0
12. Recpt 12	202.	.6	.0	.0	.0	.0	.0	.0	.0	.0
13. Recpt 13	197.	.7	.0	.0	.0	.0	.0	.0	.0	.0
14. Recpt 14	260.	.5	.0	.0	.0	.0	.0	.1	.0	.0
15. Recpt 15	261.	.4	.0	.0	.0	.0	.0	.0	.0	.0
16. Recpt 16	165.	.9	.0	.0	.0	.0	.0	.0	.0	.0
17. Recpt 17	168.	.8	.0	.0	.0	.0	.0	.0	.0	.0
18. Recpt 18	169.	.7	.0	.0	.0	.0	.0	.0	.0	.0
19. Recpt 19	155.	.5	.0	.0	.0	.0	.0	.0	.0	.0
20. Recpt 20	115.	.5	.0	.0	.0	.0	.0	.1	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: Towne Ctr SUTC Dw 2010 Proj pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM) I	J	K	L
1. Recpt 1	*	.1	.0	.4	.0
2. Recpt 2	*	.1	.0	.2	.3
3. Recpt 3	*	.1	.0	.1	.4
4. Recpt 4	*	.0	.0	.2	.0
5. Recpt 5	*	.0	.0	.1	.0
6. Recpt 6	*	.0	.0	.0	.2
7. Recpt 7	*	.0	.0	.2	.0
8. Recpt 8	*	.0	.0	.1	.2
9. Recpt 9	*	.0	.0	.0	.1
10. Recpt 10	*	.0	.0	.0	.0
11. Recpt 11	*	.1	.0	.2	.0
12. Recpt 12	*	.2	.0	.0	.3
13. Recpt 13	*	.2	.0	.0	.2
14. Recpt 14	*	.0	.0	.1	.0
15. Recpt 15	*	.0	.0	.0	.0
16. Recpt 16	*	.0	.0	.0	.5
17. Recpt 17	*	.0	.0	.2	.3
18. Recpt 18	*	.0	.0	.3	.2
19. Recpt 19	*	.0	.0	.0	.2
20. Recpt 20	*	.0	.0	.0	.1

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Gov and Genessee 2010 NP am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 37.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Gov EB LA	*	-150	0	0	0	* AG	230	7.5	.0	10.0
B. Gov EB TA	*	-150	-7	0	-7	* AG	242	7.5	.0	10.0
C. Gov EB RA	*	-150	-12	0	-12	* AG	280	7.5	.0	10.0
D. Gov EB TD	*	0	-7	150	-7	* AG	852	7.5	.0	10.0
E. Gov WB LA	*	150	0	0	0	* AG	290	7.5	.0	10.0
F. Gov WB TRA	*	150	5	0	5	* AG	670	7.5	.0	10.0
G. Gov WB TD	*	0	5	-150	5	* AG	525	7.5	.0	10.0
H. Gen NB LA	*	29	-147	0	0	* AG	70	7.5	.0	10.0
I. Gen NB TA	*	34	-147	5	0	* AG	1640	7.5	.0	10.0
J. Gen NB RA	*	39	-147	10	0	* AG	370	7.5	.0	10.0

```
 K. Gen NB TD     *     5      0    -23    147 *   AG    2250    7.5      .0
10.0
 L. Gen SB LA     *   -29    147      0      0 *   AG     240    7.5      .0
10.0
 M. Gen SB TA     *   -35    147     -7      0 *   AG     610    7.5      .0
10.0
 N. Gen SB RA     *   -41    147    -12      0 *   AG     165    7.5      .0
10.0
 O. Gen SB TD     *    -7      0     25   -147 *   AG    1180    7.5      .0
10.0
```

JOB: Gov and Genessee 2010 NP am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. Recpt 1	*	-17	-22	1.8
2. Recpt 2	*	-13	-42	1.8
3. Recpt 3	*	-9	-62	1.8
4. Recpt 4	*	-37	-22	1.8
5. Recpt 5	*	-57	-22	1.8
6. Recpt 6	*	-24	15	1.8
7. Recpt 7	*	-28	35	1.8
8. Recpt 8	*	-32	55	1.8
9. Recpt 9	*	-44	15	1.8
10. Recpt 10	*	-64	15	1.8
11. Recpt 11	*	16	15	1.8
12. Recpt 12	*	12	35	1.8
13. Recpt 13	*	9	55	1.8
14. Recpt 14	*	36	15	1.8
15. Recpt 15	*	56	15	1.8
16. Recpt 16	*	22	-17	1.8
17. Recpt 17	*	26	-37	1.8
18. Recpt 18	*	30	-57	1.8
19. Recpt 19	*	42	-17	1.8
20. Recpt 20	*	62	-17	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: Gov and Genessee 2010 NP am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Recpt 1	71.	1.1	.0	.0	.0	.3	.0	.2	.0	.0
2. Recpt 2	8.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	8.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	74.	.9	.0	.0	.0	.2	.0	.2	.0	.0
5. Recpt 5	76.	.9	.0	.0	.1	.2	.0	.1	.0	.0
6. Recpt 6	149.	1.2	.0	.0	.0	.0	.0	.0	.1	.0
7. Recpt 7	151.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
8. Recpt 8	151.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
9. Recpt 9	104.	1.0	.0	.0	.0	.2	.0	.1	.1	.0
10. Recpt 10	102.	.9	.0	.0	.0	.2	.0	.1	.2	.0
11. Recpt 11	186.	1.4	.0	.0	.0	.1	.0	.2	.0	.0
12. Recpt 12	185.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
13. Recpt 13	184.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
14. Recpt 14	195.	1.0	.0	.0	.0	.1	.0	.2	.0	.0
15. Recpt 15	251.	.9	.0	.0	.0	.0	.0	.3	.0	.0
16. Recpt 16	330.	1.5	.0	.0	.0	.2	.0	.1	.0	.0
17. Recpt 17	333.	1.3	.0	.0	.0	.1	.0	.0	.0	.0
18. Recpt 18	335.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
19. Recpt 19	295.	1.0	.0	.0	.0	.3	.0	.0	.0	.0
20. Recpt 20	287.	1.0	.0	.0	.0	.3	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: Gov and Genessee 2010 NP am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM) I	J	K	L	M	N	O
1. Recpt 1	*	.2	.0	.0	.0	.0	.0	.2
2. Recpt 2	*	.0	.0	.4	.0	.1	.0	.2
3. Recpt 3	*	.0	.0	.3	.0	.0	.0	.3
4. Recpt 4	*	.2	.0	.0	.0	.0	.0	.2
5. Recpt 5	*	.1	.0	.0	.0	.0	.0	.1
6. Recpt 6	*	.3	.0	.0	.0	.0	.0	.4
7. Recpt 7	*	.3	.0	.0	.0	.0	.0	.2
8. Recpt 8	*	.3	.0	.1	.0	.2	.0	.1
9. Recpt 9	*	.0	.0	.1	.0	.0	.0	.0
10. Recpt 10	*	.0	.0	.0	.0	.0	.0	.0
11. Recpt 11	*	.5	.2	.0	.0	.0	.0	.3
12. Recpt 12	*	.4	.0	.2	.0	.0	.0	.3
13. Recpt 13	*	.3	.0	.3	.0	.0	.0	.2
14. Recpt 14	*	.3	.0	.0	.0	.0	.0	.2
15. Recpt 15	*	.0	.0	.0	.0	.0	.0	.0
16. Recpt 16	*	.0	.0	.6	.0	.2	.0	.0
17. Recpt 17	*	.2	.1	.4	.0	.1	.0	.0
18. Recpt 18	*	.3	.2	.3	.0	.1	.0	.0
19. Recpt 19	*	.1	.0	.2	.0	.0	.0	.0
20. Recpt 20	*	.0	.0	.1	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Gov and Genessee 2010 NP pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0.
(M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 37.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Gov EB LA	*	-150	0	0	0	* AG	230	7.5	.0	10.0
B. Gov EB TA	*	-150	-7	0	-7	* AG	490	7.5	.0	10.0
C. Gov EB RA	*	-150	-12	0	-12	* AG	275	7.5	.0	10.0
D. Gov EB TD	*	0	-7	150	-7	* AG	900	7.5	.0	10.0
E. Gov WB LA	*	150	0	0	0	* AG	460	7.5	.0	10.0
F. Gov WB TRA	*	150	5	0	5	* AG	920	7.5	.0	10.0
G. Gov WB TD	*	0	5	-150	5	* AG	1590	7.5	.0	10.0
H. Gen NB LA	*	29	-147	0	0	* AG	310	7.5	.0	10.0
I. Gen NB TA	*	34	-147	5	0	* AG	460	7.5	.0	10.0
J. Gen NB RA	*	39	-147	10	0	* AG	190	7.5	.0	10.0

```
 K. Gen NB TD    *     5     0    -23    147 *  AG    650   7.5      .0
10.0
 L. Gen SB LA    *   -29   147      0      0 *  AG    220   7.5      .0
10.0
 M. Gen SB TA    *   -35   147     -7      0 *  AG   1450   7.5      .0
10.0
 N. Gen SB RA    *   -41   147    -12      0 *  AG    390   7.5      .0
10.0
 O. Gen SB TD    *    -7     0     25   -147 *  AG   2185   7.5      .0
10.0
```

JOB: Gov and Genessee 2010 NP pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. Recpt 1	*	-17	-22	1.8
2. Recpt 2	*	-13	-42	1.8
3. Recpt 3	*	-9	-62	1.8
4. Recpt 4	*	-37	-22	1.8
5. Recpt 5	*	-57	-22	1.8
6. Recpt 6	*	-24	15	1.8
7. Recpt 7	*	-28	35	1.8
8. Recpt 8	*	-32	55	1.8
9. Recpt 9	*	-44	15	1.8
10. Recpt 10	*	-64	15	1.8
11. Recpt 11	*	16	15	1.8
12. Recpt 12	*	12	35	1.8
13. Recpt 13	*	9	55	1.8
14. Recpt 14	*	36	15	1.8
15. Recpt 15	*	56	15	1.8
16. Recpt 16	*	22	-17	1.8
17. Recpt 17	*	26	-37	1.8
18. Recpt 18	*	30	-57	1.8
19. Recpt 19	*	42	-17	1.8
20. Recpt 20	*	62	-17	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: Gov and Genessee 2010 NP pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Recpt 1	4.	1.3	.0	.1	.0	.0	.0	.0	.2	.0
2. Recpt 2	4.	1.1	.0	.0	.0	.0	.0	.0	.2	.0
3. Recpt 3	3.	1.1	.0	.0	.0	.0	.0	.0	.1	.0
4. Recpt 4	73.	1.1	.0	.0	.0	.2	.1	.2	.0	.0
5. Recpt 5	75.	1.0	.0	.0	.1	.2	.1	.2	.0	.0
6. Recpt 6	149.	1.6	.0	.0	.0	.0	.0	.0	.4	.0
7. Recpt 7	152.	1.4	.0	.0	.0	.0	.0	.0	.2	.0
8. Recpt 8	154.	1.3	.0	.0	.0	.0	.0	.0	.1	.0
9. Recpt 9	108.	1.4	.0	.0	.0	.2	.0	.1	.5	.0
10. Recpt 10	105.	1.3	.0	.0	.0	.2	.0	.0	.6	.0
11. Recpt 11	255.	1.4	.0	.1	.0	.0	.0	.0	.6	.0
12. Recpt 12	186.	1.1	.0	.0	.0	.0	.0	.1	.0	.0
13. Recpt 13	185.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
14. Recpt 14	257.	1.2	.0	.1	.0	.0	.0	.2	.4	.0
15. Recpt 15	257.	1.1	.0	.1	.0	.0	.0	.3	.2	.0
16. Recpt 16	287.	1.4	.0	.2	.0	.1	.0	.0	.4	.0
17. Recpt 17	329.	1.1	.0	.0	.0	.1	.0	.0	.0	.0
18. Recpt 18	330.	1.1	.0	.0	.0	.0	.0	.0	.1	.0
19. Recpt 19	287.	1.2	.0	.0	.0	.3	.0	.0	.3	.0
20. Recpt 20	285.	1.2	.0	.0	.0	.3	.0	.0	.3	.0

JOB: Gov and Genessee 2010 NP pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM) I	J	K	L	M	N	O
1. Recpt 1	*	.0	.0	.1	.0	.5	.2	.0
2. Recpt 2	*	.0	.0	.2	.0	.3	.0	.2
3. Recpt 3	*	.0	.0	.1	.0	.2	.0	.3
4. Recpt 4	*	.0	.0	.0	.0	.0	.0	.3
5. Recpt 5	*	.0	.0	.0	.0	.0	.0	.2
6. Recpt 6	*	.1	.0	.0	.0	.0	.0	.6
7. Recpt 7	*	.1	.0	.0	.0	.2	.1	.4
8. Recpt 8	*	.1	.0	.0	.0	.3	.2	.3
9. Recpt 9	*	.0	.0	.0	.0	.1	.0	.0
10. Recpt 10	*	.0	.0	.0	.0	.0	.0	.1
11. Recpt 11	*	.0	.0	.1	.0	.2	.0	.0
12. Recpt 12	*	.1	.0	.0	.0	.0	.0	.4
13. Recpt 13	*	.0	.0	.1	.0	.0	.0	.4
14. Recpt 14	*	.0	.0	.0	.0	.1	.0	.0
15. Recpt 15	*	.0	.0	.0	.0	.0	.0	.0
16. Recpt 16	*	.1	.0	.0	.0	.0	.0	.3
17. Recpt 17	*	.0	.0	.1	.0	.3	.0	.0
18. Recpt 18	*	.1	.0	.0	.0	.2	.0	.2
19. Recpt 19	*	.0	.0	.0	.0	.0	.0	.1
20. Recpt 20	*	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Gov and Genessee 2010 Proj am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 37.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H W (M)
A. Gov EB LA	*	-150	0	0	0	* AG	233	7.5	.0 10.0
B. Gov EB TA	*	-150	-7	0	-7	* AG	242	7.5	.0 10.0
C. Gov EB RA	*	-150	-12	0	-12	* AG	280	7.5	.0 10.0
D. Gov EB TD	*	0	-7	150	-7	* AG	854	7.5	.0 10.0
E. Gov WB LA	*	150	0	0	0	* AG	290	7.5	.0 10.0
F. Gov WB TRA	*	150	5	0	5	* AG	674	7.5	.0 10.0
G. Gov WB TD	*	0	5	-150	5	* AG	528	7.5	.0 10.0
H. Gen NB LA	*	29	-147	0	0	* AG	70	7.5	.0 10.0
I. Gen NB TA	*	34	-147	5	0	* AG	1660	7.5	.0 10.0
J. Gen NB RA	*	39	-147	10	0	* AG	370	7.5	.0 10.0

```
 K. Gen NB TD    *     5     0    -23    147 *   AG    2277    7.5      .0
10.0
 L. Gen SB LA    *   -29   147      0      0 *   AG     242    7.5      .0
10.0
 M. Gen SB TA    *   -35   147     -7      0 *   AG     624    7.5      .0
10.0
 N. Gen SB RA    *   -41   147    -12      0 *   AG     168    7.5      .0
10.0
 O. Gen SB TD    *    -7     0     25   -147 *   AG    1192    7.5      .0
10.0
```

JOB: Gov and Genessee 2010 Proj am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. Recpt 1	*	-17	-22	1.8
2. Recpt 2	*	-13	-42	1.8
3. Recpt 3	*	-9	-62	1.8
4. Recpt 4	*	-37	-22	1.8
5. Recpt 5	*	-57	-22	1.8
6. Recpt 6	*	-24	15	1.8
7. Recpt 7	*	-28	35	1.8
8. Recpt 8	*	-32	55	1.8
9. Recpt 9	*	-44	15	1.8
10. Recpt 10	*	-64	15	1.8
11. Recpt 11	*	16	15	1.8
12. Recpt 12	*	12	35	1.8
13. Recpt 13	*	9	55	1.8
14. Recpt 14	*	36	15	1.8
15. Recpt 15	*	56	15	1.8
16. Recpt 16	*	22	-17	1.8
17. Recpt 17	*	26	-37	1.8
18. Recpt 18	*	30	-57	1.8
19. Recpt 19	*	42	-17	1.8
20. Recpt 20	*	62	-17	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: Gov and Genessee 2010 Proj am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Recpt 1	71.	1.1	.0	.0	.0	.3	.0	.2	.0	.0
2. Recpt 2	8.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	8.	1.0	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	74.	.9	.0	.0	.0	.2	.0	.2	.0	.0
5. Recpt 5	76.	.9	.0	.0	.1	.2	.0	.1	.0	.0
6. Recpt 6	149.	1.2	.0	.0	.0	.0	.0	.0	.1	.0
7. Recpt 7	151.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
8. Recpt 8	151.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
9. Recpt 9	104.	1.0	.0	.0	.0	.2	.0	.1	.1	.0
10. Recpt 10	102.	.9	.0	.0	.0	.2	.0	.1	.2	.0
11. Recpt 11	186.	1.4	.0	.0	.0	.1	.0	.2	.0	.0
12. Recpt 12	185.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
13. Recpt 13	184.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
14. Recpt 14	196.	1.0	.0	.0	.0	.1	.0	.2	.0	.0
15. Recpt 15	251.	.9	.0	.0	.0	.0	.0	.3	.0	.0
16. Recpt 16	330.	1.5	.0	.0	.0	.2	.0	.1	.0	.0
17. Recpt 17	333.	1.3	.0	.0	.0	.1	.0	.0	.0	.0
18. Recpt 18	335.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
19. Recpt 19	296.	1.0	.0	.0	.0	.3	.0	.0	.0	.0
20. Recpt 20	287.	1.0	.0	.0	.0	.3	.0	.0	.0	.0

JOB: Gov and Genessee 2010 Proj am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM) I	J	K	L	M	N	O
1. Recpt 1	*	.2	.0	.0	.0	.0	.0	.2
2. Recpt 2	*	.0	.0	.4	.0	.1	.0	.2
3. Recpt 3	*	.0	.0	.3	.0	.0	.0	.3
4. Recpt 4	*	.2	.0	.0	.0	.0	.0	.2
5. Recpt 5	*	.1	.0	.0	.0	.0	.0	.1
6. Recpt 6	*	.3	.0	.0	.0	.0	.0	.4
7. Recpt 7	*	.3	.0	.0	.0	.0	.0	.3
8. Recpt 8	*	.3	.0	.1	.0	.2	.0	.1
9. Recpt 9	*	.0	.0	.2	.0	.0	.0	.0
10. Recpt 10	*	.0	.0	.0	.0	.0	.0	.0
11. Recpt 11	*	.5	.2	.0	.0	.0	.0	.3
12. Recpt 12	*	.4	.0	.2	.0	.0	.0	.3
13. Recpt 13	*	.3	.0	.4	.0	.0	.0	.2
14. Recpt 14	*	.3	.0	.0	.0	.0	.0	.2
15. Recpt 15	*	.0	.0	.0	.0	.0	.0	.0
16. Recpt 16	*	.0	.0	.6	.0	.2	.0	.0
17. Recpt 17	*	.2	.1	.4	.0	.2	.0	.0
18. Recpt 18	*	.3	.2	.3	.0	.1	.0	.0
19. Recpt 19	*	.1	.0	.2	.0	.0	.0	.0
20. Recpt 20	*	.0	.0	.1	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Gov and Genessee 2010 Proj pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0.
(M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 37.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Gov EB LA	*	-150	0	0	0	* AG	233	7.5	.0	10.0
B. Gov EB TA	*	-150	-7	0	-7	* AG	370	7.5	.0	10.0
C. Gov EB RA	*	-150	-12	0	-12	* AG	210	7.5	.0	10.0
D. Gov EB TD	*	0	-7	150	-7	* AG	1108	7.5	.0	10.0
E. Gov WB LA	*	150	0	0	0	* AG	290	7.5	.0	10.0
F. Gov WB TRA	*	150	5	0	5	* AG	802	7.5	.0	10.0
G. Gov WB TD	*	0	5	-150	5	* AG	1040	7.5	.0	10.0
H. Gen NB LA	*	29	-147	0	0	* AG	190	7.5	.0	10.0
I. Gen NB TA	*	34	-147	5	0	* AG	666	7.5	.0	10.0
J. Gen NB RA	*	39	-147	10	0	* AG	360	7.5	.0	10.0

```
 K. Gen NB TD     *      5      0    -23    147 *  AG    1181    7.5      .0
10.0
 L. Gen SB LA     *    -29    147      0      0 *  AG     378    7.5      .0
10.0
 M. Gen SB TA     *    -35    147     -7      0 *  AG    1662    7.5      .0
10.0
 N. Gen SB RA     *    -41    147    -12      0 *  AG     330    7.5      .0
10.0
 O. Gen SB TD     *     -7      0     25   -147 *  AG    2162    7.5      .0
10.0
```

JOB: Gov and Genessee 2010 Proj pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. Recpt 1	*	-17	-22	1.8
2. Recpt 2	*	-13	-42	1.8
3. Recpt 3	*	-9	-62	1.8
4. Recpt 4	*	-37	-22	1.8
5. Recpt 5	*	-57	-22	1.8
6. Recpt 6	*	-24	15	1.8
7. Recpt 7	*	-28	35	1.8
8. Recpt 8	*	-32	55	1.8
9. Recpt 9	*	-44	15	1.8
10. Recpt 10	*	-64	15	1.8
11. Recpt 11	*	16	15	1.8
12. Recpt 12	*	12	35	1.8
13. Recpt 13	*	9	55	1.8
14. Recpt 14	*	36	15	1.8
15. Recpt 15	*	56	15	1.8
16. Recpt 16	*	22	-17	1.8
17. Recpt 17	*	26	-37	1.8
18. Recpt 18	*	30	-57	1.8
19. Recpt 19	*	42	-17	1.8
20. Recpt 20	*	62	-17	1.8

JOB: Gov and Genessee 2010 Proj pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Recpt 1	6.	1.4	.0	.0	.0	.0	.0	.0	.2	.0
2. Recpt 2	4.	1.2	.0	.0	.0	.0	.0	.0	.1	.0
3. Recpt 3	3.	1.2	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	74.	1.0	.0	.0	.0	.3	.0	.2	.0	.0
5. Recpt 5	76.	.9	.0	.0	.0	.2	.0	.2	.0	.0
6. Recpt 6	108.	1.5	.0	.0	.0	.3	.1	.2	.2	.0
7. Recpt 7	149.	1.3	.0	.0	.0	.0	.0	.0	.1	.0
8. Recpt 8	151.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
9. Recpt 9	105.	1.3	.0	.0	.0	.3	.0	.1	.3	.0
10. Recpt 10	103.	1.2	.0	.0	.0	.2	.0	.1	.4	.0
11. Recpt 11	255.	1.3	.0	.1	.0	.0	.0	.0	.4	.0
12. Recpt 12	187.	1.1	.0	.0	.0	.1	.0	.1	.0	.0
13. Recpt 13	187.	1.1	.0	.0	.0	.0	.0	.0	.0	.0
14. Recpt 14	256.	1.1	.0	.1	.0	.0	.0	.2	.3	.0
15. Recpt 15	255.	1.0	.0	.0	.0	.0	.0	.3	.1	.0
16. Recpt 16	329.	1.6	.0	.0	.0	.3	.0	.1	.0	.0
17. Recpt 17	332.	1.4	.0	.0	.0	.2	.0	.0	.0	.0
18. Recpt 18	334.	1.3	.0	.0	.0	.0	.0	.0	.0	.0
19. Recpt 19	293.	1.2	.0	.0	.0	.4	.0	.0	.2	.0
20. Recpt 20	287.	1.2	.0	.0	.0	.4	.0	.0	.2	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: Gov and Genessee 2010 Proj pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM) I	J	K	L	M	N	O
1. Recpt 1	*	.0	.0	.3	.1	.5	.1	.0
2. Recpt 2	*	.0	.0	.3	.1	.4	.0	.2
3. Recpt 3	*	.0	.0	.2	.0	.2	.0	.3
4. Recpt 4	*	.0	.0	.0	.0	.0	.0	.3
5. Recpt 5	*	.0	.0	.0	.0	.0	.0	.2
6. Recpt 6	*	.0	.0	.2	.0	.4	.0	.0
7. Recpt 7	*	.2	.0	.0	.0	.3	.1	.3
8. Recpt 8	*	.1	.0	.0	.0	.4	.2	.2
9. Recpt 9	*	.0	.0	.0	.0	.2	.0	.0
10. Recpt 10	*	.0	.0	.0	.0	.0	.0	.0
11. Recpt 11	*	.0	.0	.2	.0	.2	.0	.0
12. Recpt 12	*	.2	.0	.1	.0	.0	.0	.4
13. Recpt 13	*	.0	.0	.3	.0	.0	.0	.4
14. Recpt 14	*	.0	.0	.1	.0	.1	.0	.0
15. Recpt 15	*	.0	.0	.0	.0	.0	.0	.1
16. Recpt 16	*	.0	.0	.4	.1	.4	.0	.0
17. Recpt 17	*	.1	.1	.2	.1	.3	.0	.0
18. Recpt 18	*	.2	.2	.2	.0	.3	.0	.0
19. Recpt 19	*	.0	.0	.0	.0	.1	.0	.0
20. Recpt 20	*	.0	.0	.0	.0	.1	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Genessee & Decoro 2020 NP am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 37.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Decoro EBLA	*	-150	0	0	0	* AG	80	3.3	.0	10.0
B. Decoro EBTA	*	-150	-4	0	-4	* AG	25	3.3	.0	10.0
C. Decoro EBRA	*	-150	-6	0	-6	* AG	260	3.3	.0	10.0
D. Decoro EBD	*	0	-4	150	-4	* AG	120	3.3	.0	10.0
E. Decoro WBLA	*	150	0	0	0	* AG	68	3.3	.0	10.0
F. Decoro WBTA	*	150	4	0	4	* AG	25	3.3	.0	10.0
G. Decoro WBRA	*	150	6	0	6	* AG	56	3.3	.0	10.0
H. Decoro WBD	*	0	4	-150	4	* AG	235	3.3	.0	10.0
I. Gen NBLA	*	41	-142	0	0	* AG	150	3.3	.0	10.0
J. Gen NBTA	*	45	-142	4	0	* AG	2450	3.3	.0	10.0

```
 K. Gen NBRA      *     49   -142      7      0 *  AG      65   3.3      .0
10.0
 L. Gen NBD       *      4      0    -22    148 *  AG    2586   3.3      .0
10.0
 M. Gen SBLA      *    -26    148      0      0 *  AG      30   3.3      .0
10.0
 N. Gen SBTA      *    -29    148     -4      0 *  AG     452   3.3      .0
10.0
 O. Gen SBRA      *    -33    148     -7      0 *  AG      60   3.3      .0
10.0
 P. Gen SBD       *     -4      0     38   -142 *  AG     780   3.3      .0
10.0
```

JOB: Genessee & Decoro 2020 NP am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. Recpt 1	*	-14	-16	1.8
2. Recpt 2	*	-34	-16	1.8
3. Recpt 3	*	-54	-16	1.8
4. Recpt 4	*	-7	-36	1.8
5. Recpt 5	*	0	-56	1.8
6. Recpt 6	*	19	-14	1.8
7. Recpt 7	*	26	-34	1.8
8. Recpt 8	*	33	-54	1.8
9. Recpt 9	*	39	-14	1.8
10. Recpt 10	*	59	-14	1.8
11. Recpt 11	*	-19	14	1.8
12. Recpt 12	*	-39	14	1.8
13. Recpt 13	*	-59	14	1.8
14. Recpt 14	*	-24	34	1.8
15. Recpt 15	*	-29	54	1.8
16. Recpt 16	*	14	14	1.8
17. Recpt 17	*	9	34	1.8
18. Recpt 18	*	4	54	1.8
19. Recpt 19	*	34	14	1.8
20. Recpt 20	*	54	14	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: Genessee & Decoro 2020 NP am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Recpt 1	7.	.4	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	17.	.3	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	74.	.2	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	5.	.5	.0	.0	.0	.0	.0	.0	.0	.0
5. Recpt 5	360.	.5	.0	.0	.0	.0	.0	.0	.0	.0
6. Recpt 6	181.	.5	.0	.0	.0	.0	.0	.0	.0	.0
7. Recpt 7	184.	.5	.0	.0	.0	.0	.0	.0	.0	.0
8. Recpt 8	319.	.5	.0	.0	.0	.0	.0	.0	.0	.0
9. Recpt 9	280.	.3	.0	.0	.0	.0	.0	.0	.0	.0
10. Recpt 10	279.	.2	.0	.0	.0	.0	.0	.0	.0	.0
11. Recpt 11	148.	.5	.0	.0	.0	.0	.0	.0	.0	.0
12. Recpt 12	138.	.3	.0	.0	.0	.0	.0	.0	.0	.0
13. Recpt 13	125.	.3	.0	.0	.0	.0	.0	.0	.0	.0
14. Recpt 14	152.	.5	.0	.0	.0	.0	.0	.0	.0	.0
15. Recpt 15	153.	.4	.0	.0	.0	.0	.0	.0	.0	.0
16. Recpt 16	181.	.5	.0	.0	.0	.0	.0	.0	.0	.0
17. Recpt 17	186.	.5	.0	.0	.0	.0	.0	.0	.0	.0
18. Recpt 18	186.	.6	.0	.0	.0	.0	.0	.0	.0	.0
19. Recpt 19	190.	.3	.0	.0	.0	.0	.0	.0	.0	.0
20. Recpt 20	259.	.2	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION

JOB: Genessee & Decoro 2020 NP am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM) I	J	K	L	M	N	O	P
1. Recpt 1	*	.0	.0	.0	.2	.0	.0	.0	.0
2. Recpt 2	*	.0	.0	.0	.2	.0	.0	.0	.0
3. Recpt 3	*	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	.0	.0	.0	.3	.0	.0	.0	.0
5. Recpt 5	*	.0	.0	.0	.2	.0	.0	.0	.0
6. Recpt 6	*	.0	.4	.0	.0	.0	.0	.0	.0
7. Recpt 7	*	.0	.3	.0	.0	.0	.0	.0	.0
8. Recpt 8	*	.0	.3	.0	.0	.0	.0	.0	.0
9. Recpt 9	*	.0	.1	.0	.0	.0	.0	.0	.0
10. Recpt 10	*	.0	.0	.0	.0	.0	.0	.0	.0
11. Recpt 11	*	.0	.3	.0	.0	.0	.0	.0	.1
12. Recpt 12	*	.0	.2	.0	.0	.0	.0	.0	.0
13. Recpt 13	*	.0	.1	.0	.0	.0	.0	.0	.0
14. Recpt 14	*	.0	.2	.0	.0	.0	.0	.0	.0
15. Recpt 15	*	.0	.2	.0	.0	.0	.0	.0	.0
16. Recpt 16	*	.0	.3	.0	.0	.0	.0	.0	.0
17. Recpt 17	*	.0	.2	.0	.2	.0	.0	.0	.0
18. Recpt 18	*	.0	.0	.0	.4	.0	.0	.0	.0
19. Recpt 19	*	.0	.2	.0	.0	.0	.0	.0	.0
20. Recpt 20	*	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Genessee & Decoro 2020 NP pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0.
(M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 37.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Decoro EBLA	*	-150	0	0	0	* AG	40	3.3	.0	10.0
B. Decoro EBTA	*	-150	-4	0	-4	* AG	25	3.3	.0	10.0
C. Decoro EBRA	*	-150	-6	0	-6	* AG	270	3.3	.0	10.0
D. Decoro EBD	*	0	-4	150	-4	* AG	105	3.3	.0	10.0
E. Decoro WBLA	*	150	0	0	0	* AG	35	3.3	.0	10.0
F. Decoro WBTA	*	150	4	0	4	* AG	25	3.3	.0	10.0
G. Decoro WBRA	*	150	6	0	6	* AG	180	3.3	.0	10.0
H. Decoro WBD	*	0	4	-150	4	* AG	305	3.3	.0	10.0
I. Gen NBLA	*	41	-142	0	0	* AG	190	3.3	.0	10.0
J. Gen NBTA	*	45	-142	4	0	* AG	700	3.3	.0	10.0

K. Gen NBRA	*	49	-142	7	0	*	AG	40	3.3	.0
10.0										
L. Gen NBD	*	4	0	-22	148	*	AG	775	3.3	.0
10.0										
M. Gen SBLA	*	-26	148	0	0	*	AG	40	3.3	.0
10.0										
N. Gen SBTA	*	-29	148	-4	0	*	AG	2200	3.3	.0
10.0										
O. Gen SBRA	*	-33	148	-7	0	*	AG	90	3.3	.0
10.0										
P. Gen SBD	*	-4	0	38	-142	*	AG	2650	3.3	.0
10.0										

JOB: Genessee & Decoro 2020 NP pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. Recpt 1	*	-14	-16	1.8
2. Recpt 2	*	-34	-16	1.8
3. Recpt 3	*	-54	-16	1.8
4. Recpt 4	*	-7	-36	1.8
5. Recpt 5	*	0	-56	1.8
6. Recpt 6	*	19	-14	1.8
7. Recpt 7	*	26	-34	1.8
8. Recpt 8	*	33	-54	1.8
9. Recpt 9	*	39	-14	1.8
10. Recpt 10	*	59	-14	1.8
11. Recpt 11	*	-19	14	1.8
12. Recpt 12	*	-39	14	1.8
13. Recpt 13	*	-59	14	1.8
14. Recpt 14	*	-24	34	1.8
15. Recpt 15	*	-29	54	1.8
16. Recpt 16	*	14	14	1.8
17. Recpt 17	*	9	34	1.8
18. Recpt 18	*	4	54	1.8
19. Recpt 19	*	34	14	1.8
20. Recpt 20	*	54	14	1.8

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 3

JOB: Genessee & Decoro 2020 NP pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Recpt 1	6.	.5	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	16.	.3	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	24.	.2	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	3.	.6	.0	.0	.0	.0	.0	.0	.0	.0
5. Recpt 5	360.	.6	.0	.0	.0	.0	.0	.0	.0	.0
6. Recpt 6	184.	.4	.0	.0	.0	.0	.0	.0	.0	.0
7. Recpt 7	311.	.4	.0	.0	.0	.0	.0	.0	.0	.0
8. Recpt 8	317.	.4	.0	.0	.0	.0	.0	.0	.0	.0
9. Recpt 9	280.	.3	.0	.0	.0	.0	.0	.0	.0	.0
10. Recpt 10	279.	.2	.0	.0	.0	.0	.0	.0	.0	.0
11. Recpt 11	148.	.6	.0	.0	.0	.0	.0	.0	.0	.0
12. Recpt 12	138.	.4	.0	.0	.0	.0	.0	.0	.0	.0
13. Recpt 13	130.	.3	.0	.0	.0	.0	.0	.0	.0	.0
14. Recpt 14	152.	.6	.0	.0	.0	.0	.0	.0	.0	.0
15. Recpt 15	154.	.5	.0	.0	.0	.0	.0	.0	.0	.0
16. Recpt 16	181.	.4	.0	.0	.0	.0	.0	.0	.0	.0
17. Recpt 17	182.	.4	.0	.0	.0	.0	.0	.0	.0	.0
18. Recpt 18	185.	.5	.0	.0	.0	.0	.0	.0	.0	.0
19. Recpt 19	258.	.3	.0	.0	.0	.0	.0	.0	.0	.0
20. Recpt 20	259.	.3	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: Genessee & Decoro 2020 NP pm
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM) I	J	K	L	M	N	O	P
1. Recpt 1	*	.0	.0	.0	.0	.0	.3	.0	.0
2. Recpt 2	*	.0	.0	.0	.0	.0	.2	.0	.0
3. Recpt 3	*	.0	.0	.0	.0	.0	.1	.0	.0
4. Recpt 4	*	.0	.0	.0	.1	.0	.2	.0	.2
5. Recpt 5	*	.0	.0	.0	.0	.0	.1	.0	.3
6. Recpt 6	*	.0	.1	.0	.0	.0	.0	.0	.3
7. Recpt 7	*	.0	.0	.0	.0	.0	.0	.0	.2
8. Recpt 8	*	.0	.0	.0	.0	.0	.0	.0	.2
9. Recpt 9	*	.0	.0	.0	.0	.0	.0	.0	.1
10. Recpt 10	*	.0	.0	.0	.0	.0	.0	.0	.0
11. Recpt 11	*	.0	.0	.0	.0	.0	.0	.0	.4
12. Recpt 12	*	.0	.0	.0	.0	.0	.0	.0	.2
13. Recpt 13	*	.0	.0	.0	.0	.0	.0	.0	.1
14. Recpt 14	*	.0	.0	.0	.0	.0	.1	.0	.2
15. Recpt 15	*	.0	.0	.0	.0	.0	.2	.0	.2
16. Recpt 16	*	.0	.1	.0	.0	.0	.0	.0	.2
17. Recpt 17	*	.0	.0	.0	.0	.0	.0	.0	.2
18. Recpt 18	*	.0	.0	.0	.1	.0	.0	.0	.2
19. Recpt 19	*	.0	.0	.0	.0	.0	.0	.0	.0
20. Recpt 20	*	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Genessee & Decoro 2020 Proj am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0. (M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 37.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Decoro EBLA	*	-150	0	0	0	* AG	81	3.3	.0	10.0
B. Decoro EBTA	*	-150	-4	0	-4	* AG	25	3.3	.0	10.0
C. Decoro EBRA	*	-150	-6	0	-6	* AG	260	3.3	.0	10.0
D. Decoro EBD	*	0	-4	150	-4	* AG	120	3.3	.0	10.0
E. Decoro WBLA	*	150	0	0	0	* AG	68	3.3	.0	10.0
F. Decoro WBTA	*	150	4	0	4	* AG	25	3.3	.0	10.0
G. Decoro WBRA	*	150	6	0	6	* AG	56	3.3	.0	10.0
H. Decoro WBD	*	0	4	-150	4	* AG	236	3.3	.0	10.0
I. Gen NBLA	*	41	-142	0	0	* AG	150	3.3	.0	10.0
J. Gen NBTA	*	45	-142	4	0	* AG	2477	3.3	.0	10.0

```
 K. Gen NBRA      *    49  -142     7     0 *  AG     65   3.3      .0
10.0
 L. Gen NBD       *     4     0   -22   148 *  AG   2614   3.3      .0
10.0
 M. Gen SBLA      *   -26   148     0     0 *  AG     30   3.3      .0
10.0
 N. Gen SBTA      *   -29   148    -4     0 *  AG    471   3.3      .0
10.0
 O. Gen SBRA      *   -33   148    -7     0 *  AG     61   3.3      .0
10.0
 P. Gen SBD       *    -4     0    38  -142 *  AG    799   3.3      .0
10.0
```

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

JOB: Genessee & Decoro 2020 Proj am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. Recpt 1	*	-14	-16	1.8
2. Recpt 2	*	-34	-16	1.8
3. Recpt 3	*	-54	-16	1.8
4. Recpt 4	*	-7	-36	1.8
5. Recpt 5	*	0	-56	1.8
6. Recpt 6	*	19	-14	1.8
7. Recpt 7	*	26	-34	1.8
8. Recpt 8	*	33	-54	1.8
9. Recpt 9	*	39	-14	1.8
10. Recpt 10	*	59	-14	1.8
11. Recpt 11	*	-19	14	1.8
12. Recpt 12	*	-39	14	1.8
13. Recpt 13	*	-59	14	1.8
14. Recpt 14	*	-24	34	1.8
15. Recpt 15	*	-29	54	1.8
16. Recpt 16	*	14	14	1.8
17. Recpt 17	*	9	34	1.8
18. Recpt 18	*	4	54	1.8
19. Recpt 19	*	34	14	1.8
20. Recpt 20	*	54	14	1.8

JOB: Genessee & Decoro 2020 Proj am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Recpt 1	7.	.4	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	17.	.3	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	74.	.2	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	5.	.5	.0	.0	.0	.0	.0	.0	.0	.0
5. Recpt 5	360.	.5	.0	.0	.0	.0	.0	.0	.0	.0
6. Recpt 6	181.	.5	.0	.0	.0	.0	.0	.0	.0	.0
7. Recpt 7	184.	.5	.0	.0	.0	.0	.0	.0	.0	.0
8. Recpt 8	319.	.5	.0	.0	.0	.0	.0	.0	.0	.0
9. Recpt 9	280.	.3	.0	.0	.0	.0	.0	.0	.0	.0
10. Recpt 10	279.	.2	.0	.0	.0	.0	.0	.0	.0	.0
11. Recpt 11	148.	.5	.0	.0	.0	.0	.0	.0	.0	.0
12. Recpt 12	138.	.3	.0	.0	.0	.0	.0	.0	.0	.0
13. Recpt 13	125.	.3	.0	.0	.0	.0	.0	.0	.0	.0
14. Recpt 14	152.	.5	.0	.0	.0	.0	.0	.0	.0	.0
15. Recpt 15	153.	.4	.0	.0	.0	.0	.0	.0	.0	.0
16. Recpt 16	181.	.5	.0	.0	.0	.0	.0	.0	.0	.0
17. Recpt 17	186.	.5	.0	.0	.0	.0	.0	.0	.0	.0
18. Recpt 18	186.	.6	.0	.0	.0	.0	.0	.0	.0	.0
19. Recpt 19	190.	.3	.0	.0	.0	.0	.0	.0	.0	.0
20. Recpt 20	259.	.2	.0	.0	.0	.0	.0	.0	.0	.0

JOB: Genessee & Decoro 2020 Proj am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

RECEPTOR	*	CONC/LINK (PPM) I	J	K	L	M	N	O	P
1. Recpt 1	*	.0	.0	.0	.3	.0	.0	.0	.0
2. Recpt 2	*	.0	.0	.0	.2	.0	.0	.0	.0
3. Recpt 3	*	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	*	.0	.0	.0	.3	.0	.0	.0	.0
5. Recpt 5	*	.0	.0	.0	.2	.0	.0	.0	.1
6. Recpt 6	*	.0	.4	.0	.0	.0	.0	.0	.0
7. Recpt 7	*	.0	.3	.0	.0	.0	.0	.0	.0
8. Recpt 8	*	.0	.3	.0	.0	.0	.0	.0	.0
9. Recpt 9	*	.0	.1	.0	.0	.0	.0	.0	.0
10. Recpt 10	*	.0	.0	.0	.0	.0	.0	.0	.0
11. Recpt 11	*	.0	.3	.0	.0	.0	.0	.0	.1
12. Recpt 12	*	.0	.2	.0	.0	.0	.0	.0	.0
13. Recpt 13	*	.0	.1	.0	.0	.0	.0	.0	.0
14. Recpt 14	*	.0	.2	.0	.0	.0	.0	.0	.0
15. Recpt 15	*	.0	.2	.0	.0	.0	.0	.0	.0
16. Recpt 16	*	.0	.3	.0	.0	.0	.0	.0	.0
17. Recpt 17	*	.0	.2	.0	.2	.0	.0	.0	.0
18. Recpt 18	*	.0	.0	.0	.4	.0	.0	.0	.0
19. Recpt 19	*	.0	.2	.0	.0	.0	.0	.0	.0
20. Recpt 20	*	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Genessee & Decoro 2020 Proj am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 0.
(M)
BRG= WORST CASE VD= .0 CM/S
CLAS= 7 (G) VS= .0 CM/S
MIXH= 1000. M AMB= .0 PPM
SIGTH= 10. DEGREES TEMP= 37.0 DEGREE (C)

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (M) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (M)	W (M)
A. Decoro EBLA	*	-150	0	0	0	* AG	44	3.3	.0	10.0
B. Decoro EBTA	*	-150	-4	0	-4	* AG	25	3.3	.0	10.0
C. Decoro EBRA	*	-150	-6	0	-6	* AG	270	3.3	.0	10.0
D. Decoro EBD	*	0	-4	150	-4	* AG	105	3.3	.0	10.0
E. Decoro WBLA	*	150	0	0	0	* AG	35	3.3	.0	10.0
F. Decoro WBTA	*	150	4	0	4	* AG	25	3.3	.0	10.0
G. Decoro WBRA	*	150	6	0	6	* AG	180	3.3	.0	10.0
H. Decoro WBD	*	0	4	-150	4	* AG	309	3.3	.0	10.0
I. Gen NBLA	*	41	-142	0	0	* AG	190	3.3	.0	10.0
J. Gen NBTA	*	45	-142	4	0	* AG	787	3.3	.0	10.0

K. Gen NBRA	*	49	-142	7	0	*	AG	40	3.3	.0
10.0										
L. Gen NBD	*	4	0	-22	148	*	AG	866	3.3	.0
10.0										
M. Gen SBLA	*	-26	148	0	0	*	AG	40	3.3	.0
10.0										
N. Gen SBTA	*	-29	148	-4	0	*	AG	2262	3.3	.0
10.0										
O. Gen SBRA	*	-33	148	-7	0	*	AG	94	3.3	.0
10.0										
P. Gen SBD	*	-4	0	38	-142	*	AG	2712	3.3	.0
10.0										

JOB: Genessee & Decoro 2020 Proj am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (M) X	Y	Z
1. Recpt 1	*	-14	-16	1.8
2. Recpt 2	*	-34	-16	1.8
3. Recpt 3	*	-54	-16	1.8
4. Recpt 4	*	-7	-36	1.8
5. Recpt 5	*	0	-56	1.8
6. Recpt 6	*	19	-14	1.8
7. Recpt 7	*	26	-34	1.8
8. Recpt 8	*	33	-54	1.8
9. Recpt 9	*	39	-14	1.8
10. Recpt 10	*	59	-14	1.8
11. Recpt 11	*	-19	14	1.8
12. Recpt 12	*	-39	14	1.8
13. Recpt 13	*	-59	14	1.8
14. Recpt 14	*	-24	34	1.8
15. Recpt 15	*	-29	54	1.8
16. Recpt 16	*	14	14	1.8
17. Recpt 17	*	9	34	1.8
18. Recpt 18	*	4	54	1.8
19. Recpt 19	*	34	14	1.8
20. Recpt 20	*	54	14	1.8

JOB: Genessee & Decoro 2020 Proj am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. Recpt 1	6.	.5	.0	.0	.0	.0	.0	.0	.0	.0
2. Recpt 2	16.	.3	.0	.0	.0	.0	.0	.0	.0	.0
3. Recpt 3	24.	.2	.0	.0	.0	.0	.0	.0	.0	.0
4. Recpt 4	3.	.6	.0	.0	.0	.0	.0	.0	.0	.0
5. Recpt 5	360.	.6	.0	.0	.0	.0	.0	.0	.0	.0
6. Recpt 6	184.	.5	.0	.0	.0	.0	.0	.0	.0	.0
7. Recpt 7	312.	.4	.0	.0	.0	.0	.0	.0	.0	.0
8. Recpt 8	317.	.4	.0	.0	.0	.0	.0	.0	.0	.0
9. Recpt 9	280.	.3	.0	.0	.0	.0	.0	.0	.0	.0
10. Recpt 10	279.	.2	.0	.0	.0	.0	.0	.0	.0	.0
11. Recpt 11	148.	.6	.0	.0	.0	.0	.0	.0	.0	.0
12. Recpt 12	138.	.4	.0	.0	.0	.0	.0	.0	.0	.0
13. Recpt 13	130.	.3	.0	.0	.0	.0	.0	.0	.0	.0
14. Recpt 14	152.	.6	.0	.0	.0	.0	.0	.0	.0	.0
15. Recpt 15	154.	.5	.0	.0	.0	.0	.0	.0	.0	.0
16. Recpt 16	181.	.5	.0	.0	.0	.0	.0	.0	.0	.0
17. Recpt 17	182.	.4	.0	.0	.0	.0	.0	.0	.0	.0
18. Recpt 18	186.	.5	.0	.0	.0	.0	.0	.0	.0	.0
19. Recpt 19	258.	.3	.0	.0	.0	.0	.0	.0	.0	.0
20. Recpt 20	259.	.3	.0	.0	.0	.0	.0	.0	.0	.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 4

JOB: Genessee & Decoro 2020 Proj am
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT: Carbon Monoxide

IV. MODEL RESULTS (WORST CASE WIND ANGLE) (CONT.)

		CONC/LINK (PPM)							
RECEPTOR	*	I	J	K	L	M	N	O	P
1. Recpt 1	*	.0	.0	.0	.1	.0	.3	.0	.0
2. Recpt 2	*	.0	.0	.0	.0	.0	.2	.0	.0
3. Recpt 3	*	.0	.0	.0	.0	.0	.1	.0	.0
4. Recpt 4	*	.0	.0	.0	.1	.0	.2	.0	.2
5. Recpt 5	*	.0	.0	.0	.0	.0	.1	.0	.3
6. Recpt 6	*	.0	.1	.0	.0	.0	.0	.0	.3
7. Recpt 7	*	.0	.1	.0	.0	.0	.0	.0	.2
8. Recpt 8	*	.0	.1	.0	.0	.0	.0	.0	.2
9. Recpt 9	*	.0	.0	.0	.0	.0	.0	.0	.1
10. Recpt 10	*	.0	.0	.0	.0	.0	.0	.0	.0
11. Recpt 11	*	.0	.1	.0	.0	.0	.0	.0	.4
12. Recpt 12	*	.0	.0	.0	.0	.0	.0	.0	.2
13. Recpt 13	*	.0	.0	.0	.0	.0	.0	.0	.1
14. Recpt 14	*	.0	.0	.0	.0	.0	.1	.0	.3
15. Recpt 15	*	.0	.0	.0	.0	.0	.2	.0	.2
16. Recpt 16	*	.0	.1	.0	.0	.0	.0	.0	.2
17. Recpt 17	*	.0	.0	.0	.0	.0	.0	.0	.2
18. Recpt 18	*	.0	.0	.0	.1	.0	.1	.0	.1
19. Recpt 19	*	.0	.0	.0	.0	.0	.0	.0	.0
20. Recpt 20	*	.0	.0	.0	.0	.0	.0	.0	.0

Table C-5
Summary of Operational Greenhouse Emissions
University Towne Centre

Development Scenario 1

Emission Source	CO_2E[f] (Metric Tons)
Existing	
Mobile Sources[a]	45,383
Electricity[b]	5,257
Natural gas[c]	905
Water Usage[d]	222
Total	**51,767**
Project	
Mobile Sources[a]	27,805
Electricity[b]	4,255
Natural gas[c]	934
Water Usage[d]	126
Total	**32,994**
Net Increase	
Total	84761
2004 Statewide Total[e]	364,000,000
Net Increase as Percentage of 2004 Statewide Inventory	**0.02329%**

[a] *Mobile source values were derived using EMFAC2007 in addition to the California Climate Action Registry General Reporting Protocol; Version 2.2, March 2007.*

[b] *Electricity Usage Rates from Table A9-11-A, CEQA Air Quality Handbook, SCAQMD, 1993.*

[c] *Natural Gas Usage Rates from Table A9-12-A, CEQA Air Quality Handbook, SCAQMD, 1993.*

[d] *Water Usage Rates based on project information.*

[e] *Statewide totals from California Energy Commission, CEC-600-2006-013.*

[f] *All CO2E factors were derived using the California Climate Action Registry General Reporting Protocol; Version 2.2, March 2007*

Development Scenario 2

Emission Source	CO_2E[f] (Metric Tons)
Existing	
Mobile Sources[a]	45,383
Electricity[b]	5,257
Natural gas[c]	905
Water Usage[d]	222
Total	**51,545**
Project	
Mobile Sources[a]	27,234
Electricity[b]	4,588
Natural gas[c]	1,375
Water Usage[d]	377
Total	**33,197**
Net Increase	
Total	84742
2004 Statewide Total[e]	364,000,000
Net Increase as Percentage of 2004 Statewide Inventory	**0.02328%**

[a] *Mobile source values were derived using EMFAC2007 in addition to the California Climate Action Registry General Reporting Protocol; Version 2.2, March 2007.*

[b] *Electricity Usage Rates from Table A9-11-A, CEQA Air Quality Handbook, SCAQMD, 1993.*

[c] *Natural Gas Usage Rates from Table A9-12-A, CEQA Air Quality Handbook, SCAQMD, 1993.*

[d] *Water Usage Rates based on project information.*

[e] *Statewide totals from California Energy Commission, CEC-600-2006-013.*

[f] *All CO2E factors were derived using the California Climate Action Registry General Reporting Protocol; Version 2.2, March 2007*

Development Scenario 3

Emission Source	CO_2E[f] (Metric Tons)
Existing	
Mobile Sources[a]	45,383
Electricity[b]	5,257
Natural gas[c]	905
Water Usage[d]	222
Total	**51,545**
Project	
Mobile Sources[a]	23,779
Electricity[b]	2,937
Natural gas[c]	578
Water Usage[d]	44
Total	**27,293**
Net Increase	
Total	78838
2004 Statewide Total[e]	364,000,000
Net Increase as Percentage of 2004 Statewide Inventory	**0.02166%**

[a] *Mobile source values were derived using EMFAC2007 in addition to the California Climate Action Registry General Reporting Protocol; Version 2.2, March 2007.*

[b] *Electricity Usage Rates from Table A9-11-A, CEQA Air Quality Handbook, SCAQMD, 1993.*

[c] *Natural Gas Usage Rates from Table A9-12-A, CEQA Air Quality Handbook, SCAQMD, 1993.*

[d] *Water Usage Rates based on project information.*

[e] *Statewide totals from California Energy Commission, CEC-600-2006-013.*

[f] *All CO2E factors were derived using the California Climate Action Registry General Reporting Protocol; Version 2.2, March 2007*

Development Scenario 4

Emission Source	CO_2E[f] (Metric Tons)
Existing	
Mobile Sources[a]	45,383
Electricity[b]	5,257
Natural gas[c]	905
Water Usage[d]	222
Total	**51,545**
Project	
Mobile Sources[a]	21,480
Electricity[b]	2,766
Natural gas[c]	468
Water Usage[d]	15
Total	**24,714**
Net Increase	
Total	76259
2004 Statewide Total[e]	364,000,000
Net Increase as Percentage of 2004 Statewide Inventory	**0.02095%**

[a] *Mobile source values were derived using EMFAC2007 in addition to the California Climate Action Registry General Reporting Protocol; Version 2.2, March 2007.*

[b] *Electricity Usage Rates from Table A9-11-A, CEQA Air Quality Handbook, SCAQMD, 1993.*

[c] *Natural Gas Usage Rates from Table A9-12-A, CEQA Air Quality Handbook, SCAQMD, 1993.*

[d] *Water Usage Rates based on project information.*

[e] *Statewide totals from California Energy Commission, CEC-600-2006-013.*

[f] *All CO2E factors were derived using the California Climate Action Registry General Reporting Protocol; Version 2.2, March 2007*

Table C-5 (continued)
Summary of Operational Greenhouse Emissions
University Towne Centre

Development Scenario 5

Emission Source	CO_2E (Metric Tons)
Existing	
Mobile Sources[a]	45,383
Electricity[b]	5,257
Natural gas[c]	905
Water Usage[d]	222
Total	**51,545**
Project	
Mobile Sources[a]	18,235
Electricity[b]	2,745
Natural gas[c]	705
Water Usage[d]	78
Total	**21,686**
Net Increase	
Total	73230
2004 Statewide Total[e]	364,000,000
Net Increase as Percentage of 2004 Statewide Inventory	**0.02012%**

[a] *Mobile source values were derived using EMFAC2007 in addition to the California Climate Action Registry General Reporting Protocol; Version 2.2, March 2007.*

[b] *Electricity Usage Rates from Table A9-11-A, CEQA Air Quality Handbook, SCAQMD, 1993.*

[c] *Natural Gas Usage Rates from Table A9-12-A, CEQA Air Quality Handbook, SCAQMD, 1993.*

[d] *Water Usage Rates based on project information.*

[e] *Statewide totals from California Energy Commission, CEC-600-2006-013.*

[f] *All CO2E factors were derived using the California Climate Action Registry General Reporting Protocol; Version 2.2, March 2007*

Development Scenario 6

Emission Source	CO_2E (Metric Tons)
Existing	
Mobile Sources[a]	45,383
Electricity[b]	5,257
Natural gas[c]	905
Water Usage[d]	222
Total	**51,545**
Project	
Mobile Sources[a]	20,263
Electricity[b]	3,351
Natural gas[c]	972
Water Usage[d]	137
Total	**24,587**
Net Increase	
Total	76132
2004 Statewide Total[e]	364,000,000
Net Increase as Percentage of 2004 Statewide Inventory	**0.02092%**

[a] *Mobile source values were derived using EMFAC2007 in addition to the California Climate Action Registry General Reporting Protocol; Version 2.2, March 2007.*

[b] *Electricity Usage Rates from Table A9-11-A, CEQA Air Quality Handbook, SCAQMD, 1993.*

[c] *Natural Gas Usage Rates from Table A9-12-A, CEQA Air Quality Handbook, SCAQMD, 1993.*

[d] *Water Usage Rates based on project information.*

[e] *Statewide totals from California Energy Commission, CEC-600-2006-013.*

[f] *All CO2E factors were derived using the California Climate Action Registry General Reporting Protocol; Version 2.2, March 2007*

Development Scenario 7

Emission Source	CO_2E (Metric Tons)
Existing	
Mobile Sources[a]	45,383
Electricity[b]	5,257
Natural gas[c]	905
Water Usage[d]	222
Total	**51,545**
Project	
Mobile Sources[a]	21,886
Electricity[b]	3,208
Natural gas[c]	892
Water Usage[d]	122
Total	**25,986**
Net Increase	
Total	77531
2004 Statewide Total[e]	364,000,000
Net Increase as Percentage of 2004 Statewide Inventory	**0.02130%**

[a] *Mobile source values were derived using EMFAC2007 in addition to the California Climate Action Registry General Reporting Protocol; Version 2.2, March 2007.*

[b] *Electricity Usage Rates from Table A9-11-A, CEQA Air Quality Handbook, SCAQMD, 1993.*

[c] *Natural Gas Usage Rates from Table A9-12-A, CEQA Air Quality Handbook, SCAQMD, 1993.*

[d] *Water Usage Rates based on project information.*

[e] *Statewide totals from California Energy Commission, CEC-600-2006-013.*

[f] *All CO2E factors were derived using the California Climate Action Registry General Reporting Protocol; Version 2.2, March 2007*

Development Scenario 8

Emission Source	CO_2E (Metric Tons)
Existing	
Mobile Sources[a]	45,383
Electricity[b]	5,257
Natural gas[c]	905
Water Usage[d]	222
Total	**51,545**
Project	
Mobile Sources[a]	21,826
Electricity[b]	3,507
Natural gas[c]	1,194
Water Usage[d]	122
Total	**26,526**
Net Increase	
Total	78071
2004 Statewide Total[e]	364,000,000
Net Increase as Percentage of 2004 Statewide Inventory	**0.02145%**

[a] *Mobile source values were derived using EMFAC2007 in addition to the California Climate Action Registry General Reporting Protocol; Version 2.2, March 2007.*

[b] *Electricity Usage Rates from Table A9-11-A, CEQA Air Quality Handbook, SCAQMD, 1993.*

[c] *Natural Gas Usage Rates from Table A9-12-A, CEQA Air Quality Handbook, SCAQMD, 1993.*

[d] *Water Usage Rates based on project information.*

[e] *Statewide totals from California Energy Commission, CEC-600-2006-013.*

[f] *All CO2E factors were derived using the California Climate Action Registry General Reporting Protocol; Version 2.2, March 2007*

Table C-6
Electricity Greenhouse Gases
Scenario 1
University Towne Centre

Electricity

Land Use	1,000 Sqft	Usage Rate * (kWh/sq.ft/yr)	(KWh/year)	MWh/year
Existing			0	0.00
Office		12.95	0	0.00
Retail	1061.4	13.55	14,381,970	14381.97
Hotel/Motel		9.95	0	0.00
Restaurant		47.45	0	0.00
Food Store		53.30	0	0.00
Warehouse		4.35	0	0.00
Cinema		11.55	0	0.00
High School		10.50	0	0.00
Elementary School		5.90	0	0.00
Hospital		21.70	0	0.00
Library		10.50	0	0.00
Residential (DU)		5,914	0	0.00
Total Existing			14,381,970	**14381.97**
Project Additional				
Office		12.95	0	0.00
Retail	750.0	13.55	10,162,500	10162.50
Hotel/Motel		9.95	0	0.00
Restaurant		47.45	0	0.00
Food Store		53.30	0	0.00
Warehouse		4.35	0	0.00
Cinema		11.55	0	0.00
High School		10.50	0	0.00
Elementary School		5.90	0	0.00
Hospital		21.70	0	0.00
Day Spa		10.50	0	0.00
Residential (DU)	250.0	5,914	1,478,500	1478.50
Total Project			11,641,000	**11641.00**
Net Project			**26,022,970**	**26022.97**

* Electricity Usage Rates from Table A9-11-A, CEQA Air Quality Handbook, SCAQMD, 1993.

GHG	lbs/MWh[b]	lbs	metric tons	CO_2E
Existing				
CO_2	804.54	11570870.14	5248.45413	5248.45413
CH_4	0.0067	96.359199	0.043707762	0.917862998
N_2O	0.0037	53.213289	0.024137122	7.482507877
Project				**5256.85**
CO_2	804.54	9365650.14	4248.183978	4248.183978
CH_4	0.0067	77.9947	0.035377772	0.742933211
N_2O	0.0037	43.0717	0.019536979	6.056463349
Net				**4254.98**
CO_2	804.54	20936520.28	9496.638109	9496.638109
CH_4	0.0067	174.353899	0.079085534	1.660796209
N_2O	0.0037	96.284989	0.043674101	13.53897123

9511.84 Total Annual CO2E

[b] Emission factors for CO_2, CH_4, and N_2O were derived from the California Climate Action Registry General Reporting Protocol; Version 2.2, March 2007

Table C-7
Electricity Greenhouse Gases
Scenario 2
University Towne Centre

Electricity

Land Use	1,000 Sqft	Usage Rate * (kWh/sq.ft/yr)	(KWh/year)	MWh/year
Existing			0	0.00
Office		12.95	0	0.00
Retail	1061.4	13.55	14,381,970	14381.97
Hotel/Motel		9.95	0	0.00
Restaurant		47.45	0	0.00
Food Store		53.30	0	0.00
Warehouse		4.35	0	0.00
Cinema		11.55	0	0.00
High School		10.50	0	0.00
Elementary School		5.90	0	0.00
Hospital		21.70	0	0.00
Library		10.50	0	0.00
Residential (DU)		5,914	0	0.00
Total Existing			14,381,970	**14381.97**
Project				
Office		12.95	0	0.00
Retail	610.0	13.55	8,265,500	8265.50
Hotel/Motel		9.95	0	0.00
Restaurant		47.45	0	0.00
Food Store		53.30	0	0.00
Warehouse		4.35	0	0.00
Cinema		11.55	0	0.00
High School		10.50	0	0.00
Elementary School		5.90	0	0.00
Hospital		21.70	0	0.00
Day Spa		10.50	0	0.00
Residential (DU)	725.0	5,914	4,287,650	4287.65
Total Project			12,553,150	**12553.15**
Net Project			**26,935,120**	**26935.12**

* Electricity Usage Rates from Table A9-11-A, CEQA Air Quality Handbook, SCAQMD, 1993.

GHG	lbs/MWh[b]	lbs	metric tons	CO_2E
Existing				
CO_2	804.54	11570870.14	5248.45413	5248.45413
CH_4	0.0067	96.359199	0.043707762	0.917862998
N_2O	0.0037	53.213289	0.024137122	7.482507877
Project				**5256.85**
CO_2	804.54	10099511.3	4581.05753	4581.05753
CH_4	0.0067	84.106105	0.038149856	0.801146984
N_2O	0.0037	46.446655	0.021067831	6.531027652
Net				**4588.39**
CO_2	804.54	21670381.44	9829.51166	9829.51166
CH_4	0.0067	180.465304	0.081857618	1.719009982
N_2O	0.0037	99.659944	0.045204953	14.01353553

9845.24 Total Annual CO2E

[b] Emission factors for CO_2, CH_4, and N_2O were derived from the California Climate Action Registry General Reporting Protocol; Version 2.2, March 2007

Table C-8
Electricity Greenhouse Gases
Scenario 3
University Towne Centre

Electricity

Land Use	1,000 Sqft	Usage Rate * (kWh/sq.ft/yr)	(KWh/year)	MWh/year
Existing			0	0.00
Office		12.95	0	0.00
Retail	1061.4	13.55	14,381,970	14381.97
Hotel/Motel		9.95	0	0.00
Restaurant		47.45	0	0.00
Food Store		53.30	0	0.00
Warehouse		4.35	0	0.00
Cinema		11.55	0	0.00
High School		10.50	0	0.00
Elementary School		5.90	0	0.00
Hospital		21.70	0	0.00
Library		10.50	0	0.00
Residential (DU)		5,914	0	0.00
Total Existing			14,381,970	**14381.97**
Project				
Office		12.95	0	0.00
Retail	525.0	13.55	7,113,750	7113.75
Hotel/Motel	92.5	9.95	920,375	920.38
Restaurant		47.45	0	0.00
Food Store		53.30	0	0.00
Warehouse		4.35	0	0.00
Cinema		11.55	0	0.00
High School		10.50	0	0.00
Elementary School		5.90	0	0.00
Hospital		21.70	0	0.00
Day Spa		10.50	0	0.00
Residential (DU)		5,914	0	0.00
Total Project			8,034,125	**8034.13**
Net Project			**22,416,095**	**22416.10**

* Electricity Usage Rates from Table A9-11-A, CEQA Air Quality Handbook, SCAQMD, 1993.

GHG	lbs/MWh[b]	lbs	metric tons	CO_2E
Existing				
CO_2	804.54	11570870.14	5248.45413	5248.45413
CH_4	0.0067	96.359199	0.043707762	0.917862998
N_2O	0.0037	53.213289	0.024137122	7.482507877
Project				**5256.85**
CO_2	804.54	6463774.928	2931.916597	2931.916597
CH_4	0.0067	53.8286375	0.024416239	0.512741026
N_2O	0.0037	29.7262625	0.013483595	4.179914407
Net				**2936.61**
CO_2	804.54	18034645.07	8180.370727	8180.370727
CH_4	0.0067	150.1878365	0.068124001	1.430604024
N_2O	0.0037	82.9395515	0.037620717	11.66242228

8193.46 Total Annual CO2E

[b] Emission factors for CO_2, CH_4, and N_2O were derived from the California Climate Action Registry General Reporting Protocol; Version 2.2, March 2007

Table C-9
Electricity Greenhouse Gases
Scenario 4
University Towne Centre

Electricity

Land Use	1,000 Sqft	Usage Rate* (kWh/sq ft/yr)	(KWh/year)	MWh/year
Existing			0	0.00
Office		12.95	0	0.00
Retail	1061.4	13.55	14,381,970	14381.97
Hotel/Motel		9.95	0	0.00
Restaurant		47.45	0	0.00
Food Store		53.30	0	0.00
Warehouse		4.35	0	0.00
Cinema		11.55	0	0.00
High School		10.50	0	0.00
Elementary School		5.90	0	0.00
Hospital		21.70	0	0.00
Library		10.50	0	0.00
Residential (DU)		5,914	0	0.00
Total Existing			14,381,970	**14381.97**
Project				
Office	35.0	12.95	453,250	453.25
Retail	525.0	13.55	7,113,750	7113.75
Hotel/Motel		9.95	0	0.00
Restaurant		47.45	0	0.00
Food Store		53.30	0	0.00
Warehouse		4.35	0	0.00
Cinema		11.55	0	0.00
High School		10.50	0	0.00
Elementary School		5.90	0	0.00
Hospital		21.70	0	0.00
Day Spa		10.50	0	0.00
Residential (DU)		5,914	0	0.00
Total Project			7,567,000	**7567.00**
Net Project			**21,948,970**	**21948.97**

* Electricity Usage Rates from Table A9-11-A, CEQA Air Quality Handbook, SCAQMD, 1993.

GHG	lbs/MWh[b]	lbs	metric tons	CO_2E
Existing				
CO_2	804.54	11570870.14	5248.45413	5248.45413
CH_4	0.0067	96.359199	0.043707762	0.917862998
N_2O	0.0037	53.213289	0.024137122	7.482507877
Project				**5256.85**
CO_2	804.54	6087954.18	2761.447312	2761.447312
CH_4	0.0067	50.6989	0.022996615	0.482928924
N_2O	0.0037	27.9979	0.012699623	3.936883272
Net				**2765.87**
CO_2	804.54	17658824.32	8009.901443	8009.901443
CH_4	0.0067	147.058099	0.066704377	1.400791922
N_2O	0.0037	81.211189	0.036836746	11.41939115

8022.72 Total Annual CO2E

[b] Emission factors for CO_2, CH_4, and N_2O were derived from the California Climate Action Registry General Reporting Protocol; Version 2.2, March 2007

Table C-10
Electricity Greenhouse Gases
Scenario 5
University Towne Centre

Electricity

Land Use	1,000 Sqft	Usage Rate * (kWh/sq.ft/yr)	(KWh/year)	MWh/year
Existing			0	0.00
Office		12.95	0	0.00
Retail	1061.4	13.55	14,381,970	14381.97
Hotel/Motel		9.95	0	0.00
Restaurant		47.45	0	0.00
Food Store		53.30	0	0.00
Warehouse		4.35	0	0.00
Cinema		11.55	0	0.00
High School		10.50	0	0.00
Elementary School		5.90	0	0.00
Hospital		21.70	0	0.00
Library		10.50	0	0.00
Residential (DU)		5,914	0	0.00
Total Existing			14,381,970	**14381.97**
Project				
Office	35.0	12.95	453,250	453.25
Retail	375.0	13.55	5,081,250	5081.25
Hotel/Motel	50.0	9.95	497,500	497.50
Restaurant		47.45	0	0.00
Food Store		53.30	0	0.00
Warehouse		4.35	0	0.00
Cinema		11.55	0	0.00
High School		10.50	0	0.00
Elementary School		5.90	0	0.00
Hospital		21.70	0	0.00
Day Spa		10.50	0	0.00
Residential (DU)	250.0	5,914	1,478,500	1478.50
Total Project			7,510,500	**7510.50**
Net Project			**21,892,470**	**21892.47**

* Electricity Usage Rates from Table A9-11-A, CEQA Air Quality Handbook, SCAQMD, 1993.

GHG	lbs/MWh[b]	lbs	metric tons	CO_2E
Existing				
CO_2	804.54	11570870.14	5248.45413	5248.45413
CH_4	0.0067	96.359199	0.043707762	0.917862998
N_2O	0.0037	53.213289	0.024137122	7.482507877
Project				**5256.85**
CO_2	804.54	6042497.67	2740.828603	2740.828603
CH_4	0.0067	50.32035	0.022824908	0.479323072
N_2O	0.0037	27.78885	0.0126048	3.907488015
Net				**2745.22**
CO_2	804.54	17613367.81	7989.282733	7989.282733
CH_4	0.0067	146.679549	0.06653267	1.39718607
N_2O	0.0037	81.002139	0.036741922	11.38999589

8002.07 Total Annual CO2E

[b] Emission factors for CO_2, CH_4, and N_2O were derived from the California Climate Action Registry General Reporting Protocol; Version 2.2, March 2007

Table C-11
Electricity Greenhouse Gases
Scenario 6
University Towne Centre

Electricity

Land Use	1,000 Sqft	Usage Rate * (kWh/sq ft/yr)	(KWh/year)	MWh/year
Existing			0	0.00
Office		12.95	0	0.00
Retail	1061.4	13.55	14,381,970	14381.97
Hotel/Motel		9.95	0	0.00
Restaurant		47.45	0	0.00
Food Store		53.30	0	0.00
Warehouse		4.35	0	0.00
Cinema		11.55	0	0.00
High School		10.50	0	0.00
Elementary School		5.90	0	0.00
Hospital		21.70	0	0.00
Library		10.50	0	0.00
Residential (DU)		5,914	0	0.00
Total Existing			14,381,970	**14381.97**
Project				
Office	35.0	12.95	453,250	453.25
Retail	425.0	13.55	5,758,750	5758.75
Hotel/Motel		9.95	0	0.00
Restaurant		47.45	0	0.00
Food Store		53.30	0	0.00
Warehouse		4.35	0	0.00
Cinema		11.55	0	0.00
High School		10.50	0	0.00
Elementary School		5.90	0	0.00
Hospital		21.70	0	0.00
Day Spa		10.50	0	0.00
Residential (DU)	500.0	5,914	2,957,000	2957.00
Total Project			9,169,000	**9169.00**
Net Project			**23,550,970**	**23550.97**

* Electricity Usage Rates from Table A9-11-A, CEQA Air Quality Handbook, SCAQMD, 1993.

GHG	lbs/MWh[b]	lbs	metric tons	CO_2E
Existing				
CO_2	804.54	11570870.14	5248.45413	5248.45413
CH_4	0.0067	96.359199	0.043707762	0.917862998
N_2O	0.0037	53.213289	0.024137122	7.482507877
Project				**5256.85**
CO_2	804.54	7376827.26	3346.069831	3346.069831
CH_4	0.0067	61.4323	0.0278652	0.585169196
N_2O	0.0037	33.9253	0.015388245	4.77035585
Net				**3351.43**
CO_2	804.54	18947697.4	8594.523961	8594.523961
CH_4	0.0067	157.791499	0.071572962	1.503032194
N_2O	0.0037	87.138589	0.039525367	12.25286373

8608.28 Total Annual CO2E

[b] Emission factors for CO_2, CH_4, and N_2O were derived from the California Climate Action Registry General Reporting Protocol; Version 2.2, March 2007

Table C-12
Electricity Greenhouse Gases
Scenario 7
University Towne Centre

Electricity

Land Use	1,000 Sqft	Usage Rate* (kWh\sq.ft\yr)	(KWh\year)	MWh\year
Existing			0	0.00
Office		12.95	0	0.00
Retail	1061.4	13.55	14,381,970	14381.97
Hotel/Motel		9.95	0	0.00
Restaurant		47.45	0	0.00
Food Store		53.30	0	0.00
Warehouse		4.35	0	0.00
Cinema		11.55	0	0.00
High School		10.50	0	0.00
Elementary School		5.90	0	0.00
Hospital		21.70	0	0.00
Library		10.50	0	0.00
Residential (DU)		5,914	0	0.00
Total Existing			14,381,970	**14381.97**
Project				
Office		12.95	0	0.00
Retail	425.0	13.55	5,758,750	5758.75
Hotel/Motel	125.0	9.95	1,243,750	1243.75
Restaurant		47.45	0	0.00
Food Store		53.30	0	0.00
Warehouse		4.35	0	0.00
Cinema		11.55	0	0.00
High School		10.50	0	0.00
Elementary School		5.90	0	0.00
Hospital		21.70	0	0.00
Day Spa		10.50	0	0.00
Residential (DU)	300.0	5,914	1,774,200	1774.20
Total Project			8,776,700	**8776.70**
Net Project			**23,158,670**	**23158.67**

* Electricity Usage Rates from Table A9-11-A, CEQA Air Quality Handbook, SCAQMD, 1993.

GHG	lbs/MWh[b]	lbs	metric tons	CO_2E
Existing				
CO_2	804.54	11570870.14	5248.45413	5248.45413
CH_4	0.0067	96.359199	0.043707762	0.917862998
N_2O	0.0037	53.213289	0.024137122	7.482507877
Project				**5256.85**
CO_2	804.54	7061206.218	3202.906651	3202.906651
CH_4	0.0067	58.80389	0.026672974	0.560132456
N_2O	0.0037	32.47379	0.014729851	4.56625392
Net				**3208.03**
CO_2	804.54	18632076.36	8451.360781	8451.360781
CH_4	0.0067	155.163089	0.070380736	1.477995453
N_2O	0.0037	85.687079	0.038866974	12.0487618

8464.89 Total Annual CO2E

[b] Emission factors for CO_2, CH_4, and N_2O were derived from the California Climate Action Registry General Reporting Protocol; Version 2.2, March 2007

Table C-13
Electricity Greenhouse Gases
Scenario 8
University Towne Centre

Electricity

Land Use	1,000 Sq/ft	Usage Rate * (kWh/sq ft/yr)	(KWh/year)	MWh/year
Existing			0	0.00
Office		12.95	0	0.00
Retail	1061.4	13.55	14,381,970	14381.97
Hotel/Motel		9.95	0	0.00
Restaurant		47.45	0	0.00
Food Store		53.30	0	0.00
Warehouse		4.35	0	0.00
Cinema		11.55	0	0.00
High School		10.50	0	0.00
Elementary School		5.90	0	0.00
Hospital		21.70	0	0.00
Library		10.50	0	0.00
Residential (DU)		5,914	0	0.00
Total Existing			14,381,970	**14381.97**
Project				
Office		12.95	0	0.00
Retail	350.0	13.55	4,742,500	4742.50
Hotel/Motel	125.0	9.95	1,243,750	1243.75
Restaurant		47.45	0	0.00
Food Store		53.30	0	0.00
Warehouse		4.35	0	0.00
Cinema		11.55	0	0.00
High School		10.50	0	0.00
Elementary School		5.90	0	0.00
Hospital		21.70	0	0.00
Day Spa		10.50	0	0.00
Residential (DU)	610.0	5,914	3,607,540	3607.54
Total Project			9,593,790	**9593.79**
Net Project			**23,975,760**	**23975.76**

* Electricity Usage Rates from Table A9-11-A, CEQA Air Quality Handbook, SCAQMD, 1993.

GHG	lbs/MWh[b]	lbs	metric tons	CO_2E
Existing				
CO_2	804.54	11570870.14	5248.45413	5248.45413
CH_4	0.0067	96.359199	0.043707762	0.917862998
N_2O	0.0037	53.213289	0.024137122	7.482507877
Project				**5256.85**
CO_2	804.54	7718587.807	3501.08968	3501.08968
CH_4	0.0067	64.278393	0.029156165	0.612279462
N_2O	0.0037	35.497023	0.016101166	4.991361354
Net				**3506.69**
CO_2	804.54	19289457.95	8749.543811	8749.543811
CH_4	0.0067	160.637592	0.072863927	1.530142459
N_2O	0.0037	88.710312	0.040238288	12.47386923

8763.55 Total Annual CO2E

[b] Emission factors for CO_2, CH_4, and N_2O were derived from the California Climate Action Registry General Reporting Protocol; Version 2.2, March 2007

Table C-14
Natural Gas Greenhouse Gas Emissions
Scenario 1
University Towne Centre

Natural Gas

Land Use	1,000 Sqft	Usage Rate (cu.ft\sq.ft\mo)	Total Natural Gas Usage (cu.ft\mo)	Total Natural Gas Usage (cu.ft\year)	Total Natural Gas Usage (MMBTU\year)
Existing					
Office	0.0	2.0	-	-	-
Retail	1061.4	2.9	3,078,060	36,936,720	37,675
Hotel/Motel	0.0	4.8	-	-	-
Restaurant	0.0	4.8	-	-	-
Food Store	0.0	2.9	-	-	-
Warehouse	0.0	2.0	-	-	-
Cinema	0.0	4.8	-	-	-
High School	0.0	2.9	-	-	-
Elementary School	0.0	2.0	-	-	-
Hospital	0.0	4.8	-	-	-
Library	0.0	2.9	-	-	-
Residential (DU)	0.0	4,012	-	-	-
Total Existing			3,078,060	**36,936,720**	**37,675**
Project					
Office	0.0	2.0	-	-	-
Retail	750.0	2.9	2,175,000	26,100,000	26,622
Hotel/Motel	0.0	4.8	-	-	-
Restaurant	0.0	4.8	-	-	-
Food Store	0.0	2.9	-	-	-
Warehouse	0.0	2.0	-	-	-
Cinema	0.0	4.8	-	-	-
High School	0.0	2.9	-	-	-
Elementary School	0.0	2.0	-	-	-
Hospital	0.0	4.8	-	-	-
Day Spa	0.0	2.9	-	-	-
Residential (DU)	250.0	4,012	1,002,875	12,034,500	12,275
Total Project			**3,177,875**	**38,134,500**	**38,897**
Net Project			**6,255,935**	**75,071,220**	**76,573**

[a] Natural Gas Usage Rates from Table A9-12-A, CEQA Air Quality Handbook, SCAQMD, 1993.

GHG	Kg/MMBtu[b]	Kg	metric tons	CO_2E (Metric Tons)
Existing				
CO_2	52.78	1,988,510.48	901.97	901.97
CH_4	0.0059	222.29	0.10	2.12
N_2O	0.0001	3.77	0.00	0.53
Project				**904.62**
CO_2	52.78	2,052,993.69	931.22	931.22
CH_4	0.0059	229.49	0.10	2.19
N_2O	0.0001	3.89	0.00	0.55
Net				**933.95**
CO_2	52.78	4,041,504.17	1,833.19	1,833.19
CH_4	0.0059	451.78	0.20	4.30
N_2O	0.0001	7.66	0.00	1.08

1838.57 Total Annual CO2E

[b] Emission factors for CO_2, CH_4, and N_2O were derived from the California Climate Action Registry General Reporting Protocol; Version 2.2, March 2007

Table C-15
Natural Gas Greenhouse Gas Emissions
Scenario 2
University Towne Centre

Natural Gas

Land Use	1,000 Sqft	Usage Rate (cu.ft\sq.ft\mo)	Total Natural Gas Usage (cu.ft\mo)	Total Natural Gas Usage (cu.ft\year)	Total Natural Gas Usage (MMBTU\year)
Existing					
Office	0.0	2.0	-	-	-
Retail	1061.4	2.9	3,078,060	36,936,720	37,675
Hotel/Motel	0.0	4.8	-	-	-
Restaurant	0.0	4.8	-	-	-
Food Store	0.0	2.9	-	-	-
Warehouse	0.0	2.0	-	-	-
Cinema	0.0	4.8	-	-	-
High School	0.0	2.9	-	-	-
Elementary School	0.0	2.0	-	-	-
Hospital	0.0	4.8	-	-	-
Library	0.0	2.9	-	-	-
Residential (DU)	0.0	4,012	-	-	-
Total Existing			3,078,060	**36,936,720**	**37,675**
Project					
Office	0.0	2.0	-	-	-
Retail	610.0	2.9	1,769,000	21,228,000	21,653
Hotel/Motel	0.0	4.8	-	-	-
Restaurant	0.0	4.8	-	-	-
Food Store	0.0	2.9	-	-	-
Warehouse	0.0	2.0	-	-	-
Cinema	0.0	4.8	-	-	-
High School	0.0	2.9	-	-	-
Elementary School	0.0	2.0	-	-	-
Hospital	0.0	4.8	-	-	-
Day Spa	0.0	2.9	-	-	-
Residential (DU)	725.0	4,012	2,908,338	34,900,050	35,598
Total Project			**4,677,338**	**56,128,050**	**57,251**
Net Project			**7,755,398**	**93,064,770**	**94,926**

[a] Natural Gas Usage Rates from Table A9-12-A, CEQA Air Quality Handbook, SCAQMD, 1993.

GHG	Kg/MMBtu[b]	Kg	metric tons	CO_2E (Metric Tons)
Existing				
CO_2	52.78	1,988,510.48	901.97	901.97
CH_4	0.0059	222.29	0.10	2.12
N_2O	0.0001	3.77	0.00	0.53
Project				**904.62**
CO_2	52.78	3,021,687.25	1,370.61	1,370.61
CH_4	0.0059	337.78	0.15	3.22
N_2O	0.0001	5.73	0.00	0.81
Net				**1,374.64**
CO_2	52.78	5,010,197.73	2,272.59	2,272.59
CH_4	0.0059	560.06	0.25	5.33
N_2O	0.0001	9.49	0.00	1.33
				2279.26 Total Annual CO2E

[b] Emission factors for CO_2, CH_4, and N_2O were derived from the California Climate Action Registry General Reporting Protocol; Version 2.2, March 2007

Table C-16
Natural Gas Greenhouse Gas Emissions
Scenario 3
University Towne Centre

Natural Gas

Land Use	1,000 Sqft	Usage Rate* (cu.ft\sq.ft\mo)	Total Natural Gas Usage (cu.ft\mo)	Total Natural Gas Usage (cu.ft\year)	Total Natural Gas Usage (MMBTU\year)
Existing					
Office	0.0	2.0	-	-	-
Retail	1061.4	2.9	3,078,060	36,936,720	37,675
Hotel/Motel	0.0	4.8	-	-	-
Restaurant	0.0	4.8	-	-	-
Food Store	0.0	2.9	-	-	-
Warehouse	0.0	2.0	-	-	-
Cinema	0.0	4.8	-	-	-
High School	0.0	2.9	-	-	-
Elementary School	0.0	2.0	-	-	-
Hospital	0.0	4.8	-	-	-
Library	0.0	2.9	-	-	-
Residential (DU)	0.0	4,012	-	-	-
Total Existing			3,078,060	**36,936,720**	**37,675**
Project					
Office	0.0	2.0	-	-	-
Retail	525.0	2.9	1,522,500	18,270,000	18,635
Hotel/Motel	92.5	4.8	444,000	5,328,000	5,435
Restaurant	0.0	4.8	-	-	-
Food Store	0.0	2.9	-	-	-
Warehouse	0.0	2.0	-	-	-
Cinema	0.0	4.8	-	-	-
High School	0.0	2.9	-	-	-
Elementary School	0.0	2.0	-	-	-
Hospital	0.0	4.8	-	-	-
Day Spa	0.0	2.9	-	-	-
Residential (DU)	0.0	4,012	-	-	-
Total Project			**1,966,500**	**23,598,000**	**24,070**
Net Project			**5,044,560**	**60,534,720**	**61,745**

* Natural Gas Usage Rates from Table A9-12-A, CEQA Air Quality Handbook, SCAQMD, 1993.

GHG	Kg/MMBtu[b]	Kg	metric tons	CO_2E (Metric Tons)
Existing				
CO_2	52.78	1,988,510.48	901.97	901.97
CH_4	0.0059	222.29	0.10	2.12
N_2O	0.0001	3.77	0.00	0.53
Project				**904.62**
CO_2	52.78	1,270,412.49	576.25	576.25
CH_4	0.0059	142.01	0.06	1.35
N_2O	0.0001	2.41	0.00	0.34
Net				**577.94**
CO_2	52.78	3,258,922.97	1,478.22	1,478.22
CH_4	0.0059	364.30	0.17	3.47
N_2O	0.0001	6.17	0.00	0.87

1482.56 Total Annual CO2E

[b] Emission factors for CO_2, CH_4, and N_2O were derived from the California Climate Action Registry General Reporting Protocol; Version 2.2, March 2007

Table C-17
Natural Gas Greenhouse Gas Emissions
Scenario 4
University Towne Centre

Natural Gas

Land Use	1,000 Sqft	Usage Rate[a] (cu.ft\sq.ft\mo)	Total Natural Gas Usage (cu.ft\mo)	Total Natural Gas Usage (cu.ft\year)	Total Natural Gas Usage (MMBTU\year)
Existing					
Office	0.0	2.0	-	-	-
Retail	1061.4	2.9	3,078,060	36,936,720	37,675
Hotel/Motel	0.0	4.8	-	-	-
Restaurant	0.0	4.8	-	-	-
Food Store	0.0	2.9	-	-	-
Warehouse	0.0	2.0	-	-	-
Cinema	0.0	4.8	-	-	-
High School	0.0	2.9	-	-	-
Elementary School	0.0	2.0	-	-	-
Hospital	0.0	4.8	-	-	-
Library	0.0	2.9	-	-	-
Residential (DU)	0.0	4,012	-	-	-
Total Existing			3,078,060	**36,936,720**	**37,675**
Project					
Office	35.0	2.0	70,000	840,000	857
Retail	525.0	2.9	1,522,500	18,270,000	18,635
Hotel/Motel	0.0	4.8	-	-	-
Restaurant	0.0	4.8	-	-	-
Food Store	0.0	2.9	-	-	-
Warehouse	0.0	2.0	-	-	-
Cinema	0.0	4.8	-	-	-
High School	0.0	2.9	-	-	-
Elementary School	0.0	2.0	-	-	-
Hospital	0.0	4.8	-	-	-
Day Spa	0.0	2.9	-	-	-
Residential (DU)	0.0	4,012	-	-	-
Total Project			**1,592,500**	**19,110,000**	**19,492**
Net Project			**4,670,560**	**56,046,720**	**57,168**

[a] Natural Gas Usage Rates from Table A9-12-A, CEQA Air Quality Handbook, SCAQMD, 1993.

GHG	Kg/MMBtu[b]	Kg	metric tons	CO_2E (Metric Tons)
Existing				
CO_2	52.78	1,988,510.48	901.97	901.97
CH_4	0.0059	222.29	0.10	2.12
N_2O	0.0001	3.77	0.00	0.53
Project				**904.62**
CO_2	52.78	1,028,798.32	466.65	466.65
CH_4	0.0059	115.00	0.05	1.10
N_2O	0.0001	1.95	0.00	0.27
Net				**468.02**
CO_2	52.78	3,017,308.80	1,368.63	1,368.63
CH_4	0.0059	337.29	0.15	3.21
N_2O	0.0001	5.72	0.00	0.80
				1372.64 Total Annual CO2E

[b] Emission factors for CO_2, CH_4, and N_2O were derived from the California Climate Action Registry General Reporting Protocol; Version 2.2, March 2007

Table C-18
Natural Gas Greenhouse Gas Emissions
Scenario 5
University Towne Centre

Natural Gas

Land Use	1,000 Sqft	Usage Rate[a] (cu.ft\sq.ft\mo)	Total Natural Gas Usage (cu.ft\mo)	Total Natural Gas Usage (cu.ft\year)	Total Natural Gas Usage (MMBTU\year)
Existing					
Office	0.0	2.0	-	-	-
Retail	1061.4	2.9	3,078,060	36,936,720	37,675
Hotel/Motel	0.0	4.8	-	-	-
Restaurant	0.0	4.8	-	-	-
Food Store	0.0	2.9	-	-	-
Warehouse	0.0	2.0	-	-	-
Cinema	0.0	4.8	-	-	-
High School	0.0	2.9	-	-	-
Elementary School	0.0	2.0	-	-	-
Hospital	0.0	4.8	-	-	-
Library	0.0	2.9	-	-	-
Residential (DU)	0.0	4,012	-	-	-
Total Existing			3,078,060	**36,936,720**	**37,675**
Project					
Office	35.0	2.0	70,000	840,000	857
Retail	375.0	2.9	1,087,500	13,050,000	13,311
Hotel/Motel	50.0	4.8	240,000	2,880,000	2,938
Restaurant	0.0	4.8	-	-	-
Food Store	0.0	2.9	-	-	-
Warehouse	0.0	2.0	-	-	-
Cinema	0.0	4.8	-	-	-
High School	0.0	2.9	-	-	-
Elementary School	0.0	2.0	-	-	-
Hospital	0.0	4.8	-	-	-
Day Spa	0.0	2.9	-	-	-
Residential (DU)	250.0	4,012	1,002,875	12,034,500	12,275
Total Project			**2,400,375**	**28,804,500**	**29,381**
Net Project			**5,478,435**	**65,741,220**	**67,056**

[a] Natural Gas Usage Rates from Table A9-12-A, CEQA Air Quality Handbook, SCAQMD, 1993.

GHG	Kg/MMBtu[b]	Kg	metric tons	CO_2E (Metric Tons)
Existing				
CO_2	52.78	1,988,510.48	901.97	901.97
CH_4	0.0059	222.29	0.10	2.12
N_2O	0.0001	3.77	0.00	0.53
Project				**904.62**
CO_2	52.78	1,550,707.54	703.39	703.39
CH_4	0.0059	173.35	0.08	1.65
N_2O	0.0001	2.94	0.00	0.41
Net				**705.45**
CO_2	52.78	3,539,218.02	1,605.36	1,605.36
CH_4	0.0059	395.63	0.18	3.77
N_2O	0.0001	6.71	0.00	0.94
				1610.07 Total Annual CO2E

[b] Emission factors for CO_2, CH_4, and N_2O were derived from the California Climate Action Registry General Reporting Protocol; Version 2.2, March 2007

Table C-19
Natural Gas Greenhouse Gas Emissions
Scenario 6
University Towne Centre

Natural Gas

Land Use	1,000 Sqft	Usage Rate (cu.ft\sq.ft\mo)	Total Natural Gas Usage (cu.ft\mo)	Total Natural Gas Usage (cu.ft\year)	Total Natural Gas Usage (MMBTU\year)
Existing					
Office	0.0	2.0	-	-	-
Retail	1061.4	2.9	3,078,060	36,936,720	37,675
Hotel/Motel	0.0	4.8	-	-	-
Restaurant	0.0	4.8	-	-	-
Food Store	0.0	2.9	-	-	-
Warehouse	0.0	2.0	-	-	-
Cinema	0.0	4.8	-	-	-
High School	0.0	2.9	-	-	-
Elementary School	0.0	2.0	-	-	-
Hospital	0.0	4.8	-	-	-
Library	0.0	2.9	-	-	-
Residential (DU)	0.0	4,012	-	-	-
Total Existing			3,078,060	**36,936,720**	**37,675**
Project					
Office	35.0	2.0	70,000	840,000	857
Retail	425.0	2.9	1,232,500	14,790,000	15,086
Hotel/Motel	0.0	4.8	-	-	-
Restaurant	0.0	4.8	-	-	-
Food Store	0.0	2.9	-	-	-
Warehouse	0.0	2.0	-	-	-
Cinema	0.0	4.8	-	-	-
High School	0.0	2.9	-	-	-
Elementary School	0.0	2.0	-	-	-
Hospital	0.0	4.8	-	-	-
Day Spa	0.0	2.9	-	-	-
Residential (DU)	500.0	4,012	2,005,750	24,069,000	24,550
Total Project			**3,308,250**	**39,699,000**	**40,493**
Net Project			**6,386,310**	**76,635,720**	**78,168**

[a] Natural Gas Usage Rates from Table A9-12-A, CEQA Air Quality Handbook, SCAQMD, 1993.

GHG	Kg/MMBtu[b]	Kg	metric tons	CO_2E (Metric Tons)
Existing				
CO_2	52.78	1,988,510.48	901.97	901.97
CH_4	0.0059	222.29	0.10	2.12
N_2O	0.0001	3.77	0.00	0.53
Project				**904.62**
CO_2	52.78	2,137,219.48	969.43	969.43
CH_4	0.0059	238.91	0.11	2.28
N_2O	0.0001	4.05	0.00	0.57
Net				**972.27**
CO_2	52.78	4,125,729.97	1,871.40	1,871.40
CH_4	0.0059	461.19	0.21	4.39
N_2O	0.0001	7.82	0.00	1.10
				1876.89 Total Annual CO2E

[b] Emission factors for CO_2, CH_4, and N_2O were derived from the California Climate Action Registry General Reporting Protocol; Version 2.2, March 2007

Table C-20
Natural Gas Greenhouse Gas Emissions
Scenario 7
University Towne Centre

Natural Gas

Land Use	1,000 Sqft	Usage Rate[a] (cu.ft\sq.ft\mo)	Total Natural Gas Usage (cu.ft\mo)	Total Natural Gas Usage (cu.ft\year)	Total Natural Gas Usage (MMBTU\year)
Existing					
Office	0.0	2.0	-	-	-
Retail	1061.4	2.9	3,078,060	36,936,720	37,675
Hotel/Motel	0.0	4.8	-	-	-
Restaurant	0.0	4.8	-	-	-
Food Store	0.0	2.9	-	-	-
Warehouse	0.0	2.0	-	-	-
Cinema	0.0	4.8	-	-	-
High School	0.0	2.9	-	-	-
Elementary School	0.0	2.0	-	-	-
Hospital	0.0	4.8	-	-	-
Library	0.0	2.9	-	-	-
Residential (DU)	0.0	4,012	-	-	-
Total Existing			3,078,060	**36,936,720**	**37,675**
Project					
Office	0.0	2.0	-	-	-
Retail	425.0	2.9	1,232,500	14,790,000	15,086
Hotel/Motel	125.0	4.8	600,000	7,200,000	7,344
Restaurant	0.0	4.8	-	-	-
Food Store	0.0	2.9	-	-	-
Warehouse	0.0	2.0	-	-	-
Cinema	0.0	4.8	-	-	-
High School	0.0	2.9	-	-	-
Elementary School	0.0	2.0	-	-	-
Hospital	0.0	4.8	-	-	-
Day Spa	0.0	2.9	-	-	-
Residential (DU)	300.0	4,012	1,203,450	14,441,400	14,730
Total Project			**3,035,950**	**36,431,400**	**37,160**
Net Project			**6,114,010**	**73,368,120**	**74,835**

[a] Natural Gas Usage Rates from Table A9-12-A, CEQA Air Quality Handbook, SCAQMD, 1993.

GHG	Kg/MMBtu[b]	Kg	metric tons	CO_2E (Metric Tons)
Existing				
CO_2	52.78	1,988,510.48	901.97	901.97
CH_4	0.0059	222.29	0.10	2.12
N_2O	0.0001	3.77	0.00	0.53
Project				**904.62**
CO_2	52.78	1,961,306.28	889.63	889.63
CH_4	0.0059	219.24	0.10	2.09
N_2O	0.0001	3.72	0.00	0.52
Net				**892.24**
CO_2	52.78	3,949,816.76	1,791.61	1,791.61
CH_4	0.0059	441.53	0.20	4.21
N_2O	0.0001	7.48	0.00	1.05
				1796.86 Total Annual CO2E

[b] Emission factors for CO_2, CH_4, and N_2O were derived from the California Climate Action Registry General Reporting Protocol; Version 2.2, March 2007

Table C-21
Natural Gas Greenhouse Gas Emissions
Scenario 8
University Towne Centre

Natural Gas

Land Use	1,000 Sqft	Usage Rate (cu.ft\sq.ft\mo)	Total Natural Gas Usage (cu.ft\mo)	Total Natural Gas Usage (cu.ft\year)	Total Natural Gas Usage (MMBTU\year)
Existing					
Office	0.0	2.0	-	-	-
Retail	1061.4	2.9	3,078,060	36,936,720	37,675
Hotel/Motel	0.0	4.8	-	-	-
Restaurant	0.0	4.8	-	-	-
Food Store	0.0	2.9	-	-	-
Warehouse	0.0	2.0	-	-	-
Cinema	0.0	4.8	-	-	-
High School	0.0	2.9	-	-	-
Elementary School	0.0	2.0	-	-	-
Hospital	0.0	4.8	-	-	-
Library	0.0	2.9	-	-	-
Residential (DU)	0.0	4,012	-	-	-
Total Existing			3,078,060	**36,936,720**	**37,675**
Project					
Office	0.0	2.0	-	-	-
Retail	350.0	2.9	1,015,000	12,180,000	12,424
Hotel/Motel	125.0	4.8	600,000	7,200,000	7,344
Restaurant	0.0	4.8	-	-	-
Food Store	0.0	2.9	-	-	-
Warehouse	0.0	2.0	-	-	-
Cinema	0.0	4.8	-	-	-
High School	0.0	2.9	-	-	-
Elementary School	0.0	2.0	-	-	-
Hospital	0.0	4.8	-	-	-
Day Spa	0.0	2.9	-	-	-
Residential (DU)	610.0	4,012	2,447,015	29,364,180	29,951
Total Project			**4,062,015**	**48,744,180**	**49,719**
Net Project			**7,140,075**	**85,680,900**	**87,395**

[a] Natural Gas Usage Rates from Table A9-12-A, CEQA Air Quality Handbook, SCAQMD, 1993.

GHG	Kg/MMBtu[b]	Kg	metric tons	CO_2E (Metric Tons)
Existing				
CO_2	52.78	1,988,510.48	901.97	901.97
CH_4	0.0059	222.29	0.10	2.12
N_2O	0.0001	3.77	0.00	0.53
Project				**904.62**
CO_2	52.78	2,624,172.18	1,190.30	1,190.30
CH_4	0.0059	293.34	0.13	2.79
N_2O	0.0001	4.97	0.00	0.70
Net				**1,193.80**
CO_2	52.78	4,612,682.66	2,092.28	2,092.28
CH_4	0.0059	515.63	0.23	4.91
N_2O	0.0001	8.74	0.00	1.23

2098.42 Total Annual CO2E

[b] Emission factors for CO_2, CH_4, and N_2O were derived from the California Climate Action Registry General Reporting Protocol; Version 2.2, March 2007

Table C-22
Water Use Greenhouse Gas Emissions
Scenario 1
University Towne Centre

Electricity

Land Use	GPD	Usage Rate (kWh\gal)	(KWh\year)	MWh\year
Existing	131281	12700	608,553	608.55
Total Existing			**608,553**	**608.55**
Project Additional	74256	12700	344,214	344.21
Total Project	74256		344213.688	344.213688
Net Project			**952,767**	**952.77**

[a] Electricity Usage Rates from Table A9-11-A, CEQA Air Quality Handbook, SCAQMD, 1993.

GHG	lbs/MWh[b]	lbs	metric tons	CO_2E
Existing				
CO_2	804.54	489605.2914	222.0810433	222.0810433
CH_4	0.0067	4.077305606	0.001849433	0.038838097
N_2O	0.0037	2.251646379	0.001021329	0.316611923
Project				**222.44**
CO_2	804.54	276933.6805	125.614902	125.614902
CH_4	0.0067	2.30623171	0.001046088	0.021967853
N_2O	0.0037	1.273590646	0.000577691	0.179084064
Net				**125.82**
CO_2	804.54	766538.9719	347.6959453	347.6959453
CH_4	0.0067	6.383537315	0.002895521	0.060805951
N_2O	0.0037	3.525237025	0.001599019	0.495695987

348.25 Total Annual CO2E

[b] Emission factors for CO_2, CH_4, and N_2O were derived from the California Climate Action Registry General Reporting Protocol; Version 2.2, March 2007

Table C-23
Water Use Greenhouse Gas Emissions
Reclaimed Water Reductions
University Towne Centre

Electricity

Land Use	GPD	Usage Rate (kWh\gal)	(KWh\year)	MWh\year
Existing	131281	12700	608,553	608.55
Total Existing			**608,553**	**608.55**
Net Reduction for reclaimed water use	54000			
Total Project	68256	12700	316,401	316.40
Net Project			**316,401**	**316.40**

* Electricity Usage Rates from Table A9-11-A, CEQA Air Quality Handbook, SCAQMD, 1993.

GHG	lbs/MWh[b]	lbs	metric tons	CO_2E
Existing				
CO_2	804.54	489605.2914	222.0810433	222.0810433
CH_4	0.0067	4.077305606	0.001849433	0.038838097
N_2O	0.0037	2.251646379	0.001021329	0.316611923
With Reclaimed Water				**222.44**
CO_2	804.54	254557.0095	115.4650231	115.4650231
CH_4	0.0067	2.11988461	0.000961563	0.020192817
N_2O	0.0037	1.170682546	0.000531012	0.164613794
				115.65

[b] Emission factors for CO_2, CH_4, and N_2O were derived from the California Climate Action Registry General Reporting Protocol; Version 2.2, March 2007

Table C-24
Water Use Greenhouse Gas Emissions
Scenario 2
University Towne Centre

Electricity

Land Use	GPD	Usage Rate (kWh\gal)	(KWh\year)	MWh\year
Existing	131281	12700	608,553	608.55
Total Existing			**608,553**	**608.55**
Project Additional	222751	12700	1,032,562	1032.56
Total Project	222751		1032562.261	1032.562261
Net Project			**1,641,115**	**1641.12**

* Electricity Usage Rates from Table A9-11-A, CEQA Air Quality Handbook, SCAQMD, 1993.

GHG	lbs/MWh[b]	lbs	metric tons	CO_2E
Existing				
CO_2	804.54	489605.2914	222.0810433	222.0810433
CH_4	0.0067	4.077305606	0.001849433	0.038838097
N_2O	0.0037	2.251646379	0.001021329	0.316611923
Project				**222.44**
CO_2	804.54	830737.6411	376.8159481	376.8159481
CH_4	0.0067	6.918167145	0.003138025	0.065898531
N_2O	0.0037	3.820480364	0.001732939	0.537211192
Net				**377.42**
CO_2	804.54	1320342.932	598.8969914	598.8969914
CH_4	0.0067	10.99547275	0.004987458	0.104736628
N_2O	0.0037	6.072126743	0.002754268	0.853823115

599.86 Total Annual CO2E

[b] Emission factors for CO_2, CH_4, and N_2O were derived from the California Climate Action Registry General Reporting Protocol; Version 2.2, March 2007

Table C-25
Water Use Greenhouse Gas Emissions
Scenario 3
University Towne Centre

Electricity

Land Use	GPD	Usage Rate (kWh\gal)	(KWh\year)	MWh\year
Existing	131281	12700	608,553	608.55
Total Existing			**608,553**	**608.55**
Project Additional	25756	12700	119,392	119.39
Total Project	25756		119391.938	119.391938
Net Project			**727,945**	**727.95**

[a] Electricity Usage Rates from Table A9-11-A, CEQA Air Quality Handbook, SCAQMD, 1993.

GHG	lbs/MWh[b]	lbs	metric tons	CO_2E
Existing				
CO_2	804.54	489605.2914	222.0810433	222.0810433
CH_4	0.0067	4.077305606	0.001849433	0.038838097
N_2O	0.0037	2.251646379	0.001021329	0.316611923
Project				**222.44**
CO_2	804.54	96055.5898	43.57004709	43.57004709
CH_4	0.0067	0.799925985	0.00036284	0.007619641
N_2O	0.0037	0.441750171	0.000200374	0.062116046
Net				**43.64**
CO_2	804.54	585660.8812	265.6510904	265.6510904
CH_4	0.0067	4.87723159	0.002212273	0.046457738
N_2O	0.0037	2.69339655	0.001221703	0.37872797

266.08 Total Annual CO2E

[b] Emission factors for CO_2, CH_4, and N_2O were derived from the California Climate Action Registry General Reporting Protocol; Version 2.2, March 2007

Table C-26
Water Use Greenhouse Gas Emissions
Scenario 4
University Towne Centre

Electricity

Land Use	GPD	Usage Rate (kWh\gal)	(KWh\year)	MWh\year
Existing	131281	12700	608,553	608.55
Total Existing			**608,553**	**608.55**
Project Additional	9111	12700	42,234	42.23
Total Project	9111		42234.0405	42.2340405
Net Project			**650,787**	**650.79**

[a] Electricity Usage Rates from Table A9-11-A, CEQA Air Quality Handbook, SCAQMD, 1993.

GHG	lbs/MWh[b]	lbs	metric tons	CO_2E
Existing				
CO_2	804.54	489605.2914	222.0810433	222.0810433
CH_4	0.0067	4.077305606	0.001849433	0.038838097
N_2O	0.0037	2.251646379	0.001021329	0.316611923
Project				**222.44**
CO_2	804.54	33978.97494	15.4125912	15.4125912
CH_4	0.0067	0.282968071	0.000128352	0.002695393
N_2O	0.0037	0.15626595	7.0881E-05	0.021973105
Net				**15.44**
CO_2	804.54	523584.2663	237.4936345	237.4936345
CH_4	0.0067	4.360273677	0.001977785	0.04153349
N_2O	0.0037	2.407912329	0.00109221	0.338585028

237.87 Total Annual CO2E

[b] Emission factors for CO_2, CH_4, and N_2O were derived from the California Climate Action Registry General Reporting Protocol; Version 2.2, March 2007

Table C-27
Water Use Greenhouse Gas Emissions
Scenario 5
University Towne Centre

Electricity

Land Use	GPD	Usage Rate (kWh\gal)	(KWh\year)	MWh\year
Existing	131281	12700	608,553	608.55
Total Existing			**608,553**	**608.55**
Project Additional	45944	12700	212,973	212.97
Total Project	45944		212973.412	212.973412
Net Project			**821,526**	**821.53**

[a] Electricity Usage Rates from Table A9-11-A, CEQA Air Quality Handbook, SCAQMD, 1993.

GHG	lbs/MWh[b]	lbs	metric tons	CO_2E
Existing				
CO_2	804.54	489605.2914	222.0810433	222.0810433
CH_4	0.0067	4.077305606	0.001849433	0.038838097
N_2O	0.0037	2.251646379	0.001021329	0.316611923
Project				**222.44**
CO_2	804.54	171345.6289	77.7210065	77.7210065
CH_4	0.0067	1.42692186	0.00064724	0.013592047
N_2O	0.0037	0.788001624	0.000357431	0.110803682
Net				**77.85**
CO_2	804.54	660950.9203	299.8020498	299.8020498
CH_4	0.0067	5.504227466	0.002496674	0.052430144
N_2O	0.0037	3.039648004	0.00137876	0.427415605

300.28 Total Annual CO2E

[b] Emission factors for CO_2, CH_4, and N_2O were derived from the California Climate Action Registry General Reporting Protocol; Version 2.2, March 2007

Table C-28
Water Use Greenhouse Gas Emissions
Scenario 6
University Towne Centre

Electricity

Land Use	GPD	Usage Rate (kWh\gal)	(KWh\year)	MWh\year
Existing	131281	12700	608,553	608.55
Total Existing			**608,553**	**608.55**
Project Additional	81000	12700	375,476	375.48
Total Project	81000		375475.5	375.4755
Net Project			**984,029**	**984.03**

[a] Electricity Usage Rates from Table A9-11-A, CEQA Air Quality Handbook, SCAQMD, 1993.

GHG	lbs/MWh[b]	lbs	metric tons	CO_2E
Existing				
CO_2	804.54	489605.2914	222.0810433	222.0810433
CH_4	0.0067	4.077305606	0.001849433	0.038838097
N_2O	0.0037	2.251646379	0.001021329	0.316611923
Project				**222.44**
CO_2	804.54	302085.0588	137.023366	137.023366
CH_4	0.0067	2.51568585	0.001141095	0.023962994
N_2O	0.0037	1.38925935	0.000630157	0.195348647
Net				**137.24**
CO_2	804.54	791690.3501	359.1044093	359.1044093
CH_4	0.0067	6.592991456	0.002990528	0.062801092
N_2O	0.0037	3.640905729	0.001651486	0.511960571

359.68 Total Annual CO2E

[b] Emission factors for CO_2, CH_4, and N_2O were derived from the California Climate Action Registry General Reporting Protocol; Version 2.2, March 2007

Table C-29
Water Use Greenhouse Gas Emissions
Scenario 7
University Towne Centre

Electricity

Land Use	GPD	Usage Rate (kWh\gal)	(KWh\year)	MWh\year
Existing	131281	12700	608,553	608.55
Total Existing			**608,553**	**608.55**
Project Additional	71745	12700	332,574	332.57
Total Project	71745		332573.9475	332.5739475
Net Project			**941,127**	**941.13**

[a] Electricity Usage Rates from Table A9-11-A, CEQA Air Quality Handbook, SCAQMD, 1993.

GHG	lbs/MWh[b]	lbs	metric tons	CO_2E
Existing				
CO_2	804.54	489605.2914	222.0810433	222.0810433
CH_4	0.0067	4.077305606	0.001849433	0.038838097
N_2O	0.0037	2.251646379	0.001021329	0.316611923
Project				**222.44**
CO_2	804.54	267569.0437	121.3671777	121.3671777
CH_4	0.0067	2.228245448	0.001010714	0.021225
N_2O	0.0037	1.230523606	0.000558156	0.173028256
Net				**121.56**
CO_2	804.54	757174.3351	343.448221	343.448221
CH_4	0.0067	6.305551054	0.002860148	0.060063098
N_2O	0.0037	3.482169985	0.001579484	0.489640179

344.00 Total Annual CO2E

[b] Emission factors for CO_2, CH_4, and N_2O were derived from the California Climate Action Registry General Reporting Protocol; Version 2.2, March 2007

Table C-30
Water Use Greenhouse Gas Emissions
Scenario 8
University Towne Centre

Electricity

Land Use	GPD	Usage Rate (kWh\gal)	(KWh\year)	MWh\year
Existing	131281	12700	608,553	608.55
Total Existing			**608,553**	**608.55**
Project Additional	71745	12700	332,574	332.57
Total Project	71745		332573.9475	332.5739475
Net Project			**941,127**	**941.13**

[a] Electricity Usage Rates from Table A9-11-A, CEQA Air Quality Handbook, SCAQMD, 1993.

GHG	lbs/MWh[b]	lbs	metric tons	CO_2E
Existing				
CO_2	804.54	489605.2914	222.0810433	222.0810433
CH_4	0.0067	4.077305606	0.001849433	0.038838097
N_2O	0.0037	2.251646379	0.001021329	0.316611923
Project				**222.44**
CO_2	804.54	267569.0437	121.3671777	121.3671777
CH_4	0.0067	2.228245448	0.001010714	0.021225
N_2O	0.0037	1.230523606	0.000558156	0.173028256
Net				**121.56**
CO_2	804.54	757174.3351	343.448221	343.448221
CH_4	0.0067	6.305551054	0.002860148	0.060063098
N_2O	0.0037	3.482169985	0.001579484	0.489640179

344.00 Total Annual CO2E

[b] Emission factors for CO_2, CH_4, and N_2O were derived from the California Climate Action Registry General Reporting Protocol; Version 2.2, March 2007

Table C-31
On-Road Mobile Source Greenhouse Gas Emissions
Scenario 1
University Towne Centre

On Road Mobile Source

Land Use	Daily VMT	Annual VMT[a]
Existing		
Total Existing	**223,610**	**81,617,650.00**
Project Additional		
Total Project	**134,924**	**49,247,260.00**
Net Project	**358,534**	**130,864,910.00**

[a] Multiplied Daily VMT by 365 to get Annual VMT
[b] Factors dervied from URBEMIS2002

San Diego County CO_2 2012 AVG Gram/Mile[c]	**542.2591429**
San Diego County CH_4 2012 AVG Gram/Mile[c]	**0.0365**
N_2O Gram/Mile	**0.042**

GHG	Gram/Mile	Gram	metric tons	CO_2E (Metric Tons)
Existing				
CO_2	542.25914	44,257,916,931.01	44,257.92	44,257.92
CH_4	0.0365	2,979,044.23	2.98	62.56
N_2O	0.042	3,427,941.30	3.43	1,062.66
Project				**45383.14**
CO_2	542.25914	26,704,776,995.66	26,704.78	26,704.78
CH_4	0.0365	1,797,524.99	1.80	37.75
N_2O	0.042	3,427,941.30	3.43	1,062.66
Net				**27805.19**
CO_2	542.25914	70,962,693,926.68	70,962.69	70,962.69
CH_4	0.0365	4,776,569.22	4.78	100.31
N_2O	0.042	3,427,941.30	3.43	1,062.66
				73188.33 Total Annual CO2E

[c] Averaged EMFAC2007 fleet values for 0-65mph
[d] Emission Factor for N_2O based on EPA Tier 0 emission factor

Table C-32
On-Road Mobile Source Greenhouse Gas Emissions
Scenario 2
University Towne Centre

On Road Mobile Source

Land Use	Daily VMT	Annual VMT[a]
Existing		
Total Existing	**223,610**	**81,617,650.00**
Project Additional		
Total Project	**132,044**	**48,195,914.00**
Net Project	**355,654**	**129,813,564.00**

[a] Multiplied Daily VMT by 365 to get Annual VMT
[b] Factors dervied from URBEMIS2002

San Diego County CO_2 2012 AVG Gram/Mile[c]	**542.2591429**
San Diego County CH_4 2012 AVG Gram/Mile[c]	**0.0365**
N_2O Gram/Mile	**0.042**

GHG	Gram/Mile	Gram	metric tons	CO_2E (Metric Tons)
Existing				
CO_2	542.25914	44,257,916,931.01	44,257.92	44,257.92
CH_4	0.0365	2,979,044.23	2.98	62.56
N_2O	0.042	3,427,941.30	3.43	1,062.66
Project				**45383.14**
CO_2	542.25914	26,134,675,014.86	26,134.68	26,134.68
CH_4	0.0365	1,759,150.86	1.76	36.94
N_2O	0.042	3,427,941.30	3.43	1,062.66
Net				**27234.28**
CO_2	542.25914	70,392,591,945.87	70,392.59	70,392.59
CH_4	0.0365	4,738,195.09	4.74	99.50
N_2O	0.042	3,427,941.30	3.43	1,062.66
				72617.42 Total Annual CO2E

[c] Averaged EMFAC2007 fleet values for 0-65mph
[d] Emission Factor for N_2O based on EPA Tier 0 emission factor

Table C-33
On-Road Mobile Source Greenhouse Gas Emissions
Scenario 3
University Towne Centre

On Road Mobile Source

Land Use	Daily VMT	Annual VMT[a]
Existing		
Total Existing	**223,610**	**81,617,650.00**
Project Additional		
Total Project	**114,610**	**41,832,504.00**
Net Project	**338,220**	**123,450,154.00**

[a] Multiplied Daily VMT by 365 to get Annual VMT
[b] Factors dervied from URBEMIS2002

San Diego County CO_2 2012 AVG Gram/Mile[c]	**542.2591429**
San Diego County CH_4 2012 AVG Gram/Mile[c]	**0.0365**
N_2O Gram/Mile	**0.042**

GHG	Gram/Mile	Gram	metric tons	CO_2E (Metric Tons)
Existing				
CO_2	542.25914	44,257,916,931.01	44,257.92	44,257.92
CH_4	0.0365	2,979,044.23	2.98	62.56
N_2O	0.042	3,427,941.30	3.43	1,062.66
Project				**45383.14**
CO_2	542.25914	22,684,057,762.61	22,684.06	22,684.06
CH_4	0.0365	1,526,886.40	1.53	32.06
N_2O	0.042	3,427,941.30	3.43	1,062.66
Net				**23778.78**
CO_2	542.25914	66,941,974,693.62	66,941.97	66,941.97
CH_4	0.0365	4,505,930.62	4.51	94.62
N_2O	0.042	3,427,941.30	3.43	1,062.66
				69161.92 Total Annual CO2E

[c] Averaged EMFAC2007 fleet values for 0-65mph
[d] Emission Factor for N_2O based on EPA Tier 0 emission factor

Table C-34
On-Road Mobile Source Greenhouse Gas Emissions
Scenario 4
University Towne Centre

On Road Mobile Source

Land Use	Daily VMT	Annual VMT[a]
Existing		
Total Existing	**223,610**	**81,617,650.00**
Project Additional		
Total Project	**103,012**	**37,599,453.00**
Net Project	**326,622**	**119,217,103.00**

[a] Multiplied Daily VMT by 365 to get Annual VMT
[b] Factors dervied from URBEMIS2002

San Diego County CO_2 2012 AVG Gram/Mile[c]	**542.2591429**
San Diego County CH_4 2012 AVG Gram/Mile[c]	**0.0365**
N_2O Gram/Mile	**0.042**

GHG	Gram/Mile	Gram	metric tons	CO_2E (Metric Tons)
Existing				
CO_2	542.25914	44,257,916,931.01	44,257.92	44,257.92
CH_4	0.0365	2,979,044.23	2.98	62.56
N_2O	0.042	3,427,941.30	3.43	1,062.66
Project				**45383.14**
CO_2	542.25914	20,388,647,155.68	20,388.65	20,388.65
CH_4	0.0365	1,372,380.03	1.37	28.82
N_2O	0.042	3,427,941.30	3.43	1,062.66
Net				**21480.13**
CO_2	542.25914	64,646,564,086.69	64,646.56	64,646.56
CH_4	0.0365	4,351,424.26	4.35	91.38
N_2O	0.042	3,427,941.30	3.43	1,062.66

66863.27 Total Annual CO2E

[c] Averaged EMFAC2007 fleet values for 0-65mph
[d] Emission Factor for N_2O based on EPA Tier 0 emission factor

Table C-35
On-Road Mobile Source Greenhouse Gas Emissions
Scenario 5
University Towne Centre

On Road Mobile Source

Land Use	Daily VMT	Annual VMT[a]
Existing		
Total Existing	**223,610**	**81,617,650.00**
Project Additional		
Total Project	**86,639**	**31,623,381.00**
Net Project	**310,249**	**113,241,031.00**

[a] Multiplied Daily VMT by 365 to get Annual VMT
[b] Factors dervied from URBEMIS2002

San Diego County CO_2 2012 AVG Gram/Mile[c]	**542.2591429**
San Diego County CH_4 2012 AVG Gram/Mile[c]	**0.0365**
N_2O Gram/Mile	**0.042**

GHG	Gram/Mile	Gram	metric tons	CO_2E (Metric Tons)
Existing				
CO_2	542.25914	44,257,916,931.01	44,257.92	44,257.92
CH_4	0.0365	2,979,044.23	2.98	62.56
N_2O	0.042	3,427,941.30	3.43	1,062.66
Project				**45383.14**
CO_2	542.25914	17,148,067,475.30	17,148.07	17,148.07
CH_4	0.0365	1,154,253.41	1.15	24.24
N_2O	0.042	3,427,941.30	3.43	1,062.66
Net				**18234.97**
CO_2	542.25914	61,405,984,406.32	61,405.98	61,405.98
CH_4	0.0365	4,133,297.63	4.13	86.80
N_2O	0.042	3,427,941.30	3.43	1,062.66
				63618.11 Total Annual CO2E

[c] Averaged EMFAC2007 fleet values for 0-65mph
[d] Emission Factor for N_2O based on EPA Tier 0 emission factor

Table C-36
On-Road Mobile Source Greenhouse Gas Emissions
Scenario 6
University Towne Centre

On Road Mobile Source

Land Use	Daily VMT	Annual VMT[a]
Existing		
Total Existing	**223,610**	**81,617,650.00**
Project Additional		
Total Project	**96,872**	**35,358,426.00**
Net Project	**320,482**	**116,976,076.00**

[a] Multiplied Daily VMT by 365 to get Annual VMT
[b] Factors dervied from URBEMIS2002

San Diego County CO_2 2012 AVG Gram/Mile[c]	**542.2591429**
San Diego County CH_4 2012 AVG Gram/Mile[c]	**0.0365**
N_2O Gram/Mile	**0.042**

GHG	Gram/Mile	Gram	metric tons	CO_2E (Metric Tons)
Existing				
CO_2	542.25914	44,257,916,931.01	44,257.92	44,257.92
CH_4	0.0365	2,979,044.23	2.98	62.56
N_2O	0.042	3,427,941.30	3.43	1,062.66
Project				**45383.14**
CO_2	542.25914	19,173,429,775.54	19,173.43	19,173.43
CH_4	0.0365	1,290,582.55	1.29	27.10
N_2O	0.042	3,427,941.30	3.43	1,062.66
Net				**20263.19**
CO_2	542.25914	63,431,346,706.55	63,431.35	63,431.35
CH_4	0.0365	4,269,626.77	4.27	89.66
N_2O	0.042	3,427,941.30	3.43	1,062.66
				65646.33 Total Annual CO2E

[c] Averaged EMFAC2007 fleet values for 0-65mph
[d] Emission Factor for N_2O based on EPA Tier 0 emission factor

Table C-37
On-Road Mobile Source Greenhouse Gas Emissions
Scenario 7
University Towne Centre

On Road Mobile Source

Land Use	Daily VMT	Annual VMT[a]
Existing		
Total Existing	**223,610**	**81,617,650.00**
Project Additional		
Total Project	**105,059**	**38,346,462.00**
Net Project	**328,669**	**119,964,112.00**

[a] Multiplied Daily VMT by 365 to get Annual VMT
[b] Factors dervied from URBEMIS2002

San Diego County CO_2 2012 AVG Gram/Mile[c]	**542.2591429**
San Diego County CH_4 2012 AVG Gram/Mile[c]	**0.0365**
N_2O Gram/Mile	**0.042**

GHG	Gram/Mile	Gram	metric tons	CO_2E (Metric Tons)
Existing				
CO_2	542.25914	44,257,916,931.01	44,257.92	44,257.92
CH_4	0.0365	2,979,044.23	2.98	62.56
N_2O	0.042	3,427,941.30	3.43	1,062.66
Project				**45383.14**
CO_2	542.25914	20,793,719,615.72	20,793.72	20,793.72
CH_4	0.0365	1,399,645.86	1.40	29.39
N_2O	0.042	3,427,941.30	3.43	1,062.66
Net				**21885.77**
CO_2	542.25914	65,051,636,546.74	65,051.64	65,051.64
CH_4	0.0365	4,378,690.09	4.38	91.95
N_2O	0.042	3,427,941.30	3.43	1,062.66
				67268.91 Total Annual CO2E

[c] Averaged EMFAC2007 fleet values for 0-65mph
[d] Emission Factor for N_2O based on EPA Tier 0 emission factor

Table C-38
On-Road Mobile Source Greenhouse Gas Emissions
Scenario 8
University Towne Centre

On Road Mobile Source

Land Use	Daily VMT	Annual VMT[a]
Existing		
Total Existing	**223,610**	**81,617,650.00**
Project Additional		
Total Project	**104,756**	**38,235,794.00**
Net Project	**328,366**	**119,853,444.00**

[a] Multiplied Daily VMT by 365 to get Annual VMT
[b] Factors dervied from URBEMIS2002

San Diego County CO_2 2012 AVG Gram/Mile[c]	**542.2591429**
San Diego County CH_4 2012 AVG Gram/Mile[c]	**0.0365**
N_2O Gram/Mile	**0.042**

GHG	Gram/Mile	Gram	metric tons	CO_2E (Metric Tons)
Existing				
CO_2	542.25914	44,257,916,931.01	44,257.92	44,257.92
CH_4	0.0365	2,979,044.23	2.98	62.56
N_2O	0.042	3,427,941.30	3.43	1,062.66
Project				**45383.14**
CO_2	542.25914	20,733,708,880.90	20,733.71	20,733.71
CH_4	0.0365	1,395,606.48	1.40	29.31
N_2O	0.042	3,427,941.30	3.43	1,062.66
Net				**21825.68**
CO_2	542.25914	64,991,625,811.92	64,991.63	64,991.63
CH_4	0.0365	4,374,650.71	4.37	91.87
N_2O	0.042	3,427,941.30	3.43	1,062.66

67208.82 Total Annual CO2E

[c] Averaged EMFAC2007 fleet values for 0-65mph
[d] Emission Factor for N_2O based on EPA Tier 0 emission factor

Table C-39
EMFAC Emission Factors
University Towne Centre

EMFAC2007 Summary

CO2	
Speed	**Grams/Mile**
0	316.433
5	1193.621
10	908.151
15	717.317
20	588.658
25	504.333
30	447.589
35	411.01
40	390.197
45	382.815
50	388.119
55	406.802
60	441.137
65	495.446
AVG	**542.2591429**

CH4	
Speed	**Grams/Mile**
0	0.035
5	0.084
10	0.064
15	0.05
20	0.04
25	0.034
30	0.029
35	0.026
40	0.024
45	0.023
50	0.023
55	0.024
60	0.026
65	0.029
AVG	**0.0365**

Pollutant Name: Carbon Dioxide
Temperature: 60F Relative Humidity: 50%
Speed
MPH ALL

0	316.433
5	1193.621
10	908.151
15	717.317
20	588.658
25	504.333
30	447.589
35	411.01
40	390.197
45	382.815
50	388.119
55	406.802
60	441.137
65	495.446

Pollutant Name: Methane
Temperature: 60F Relative Humidity: 50%
Speed
MPH ALL

0	0.035
5	0.084
10	0.064
15	0.05
20	0.04
25	0.034
30	0.029
35	0.026
40	0.024
45	0.023
50	0.023
55	0.024
60	0.026
65	0.029

ISCST3 Modeling Files – Construction Impact Assessment

```
NO ECHO

 BEE-Line ISCST3 "BEEST" Version 9.00

 Input File - C:\BEEST\UTC Construction Phase 1_95_OTHER.DTA

Output File - C:\BEEST\UTC Construction Phase 1_95_OTHER.LST

   Met File - C:\MetData\MIR95.ASC

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

CONC URBAN ELEV 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.
**NO GAS DRY DEPOSITION 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 Accepts Receptors on ELEV Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

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

**This Run Includes: 7 Source(s); 1 Source Group(s); and 1101 Receptor(s)

**The Model Assumes A Pollutant Type of: OTHER

**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) =    10.00 ;    Decay Coef. =    0.000     ;    Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                                 ;  Emission Rate Unit Factor =   0.10000E+07
                 Output Units   = MICROGRAMS/M**3

**Approximate Storage Requirements of Model =     1.3 MB of RAM.

**Input Runstream File:          UTC Construction Phase 1_95_OTHER.DTA
**Output Print File:             UTC Construction Phase 1_95_OTHER.LST
```

CONC URBAN ELEV DFAULT

*** 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	0.23055E-04	479999.6	3636524.2	109.1	0.00	85.00	85.00	0.00	1.00	HROFDY
AREA2	0	0.23180E-04	479999.6	3636609.2	109.7	0.00	85.00	370.00	0.00	1.00	HROFDY
AREA3	0	0.23177E-04	480084.6	3636701.8	110.0	0.00	75.00	275.00	0.00	1.00	HROFDY
AREA4	0	0.34859E-04	480059.6	3636979.2	110.6	0.00	45.00	20.00	0.00	1.00	HROFDY
AREA5	0	0.42616E-04	480104.6	3636979.2	111.4	0.00	105.00	35.00	0.00	1.00	HROFDY
AREA6	0	0.27816E-04	480254.6	3636979.2	114.3	0.00	340.00	100.00	0.00	1.00	HROFDY
AREA7	0	0.23167E-04	480429.6	3636749.2	115.3	0.00	92.50	125.00	0.00	1.00	HROFDY

**MODELOPTs:
CONC   URBAN ELEV   DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

CONC URBAN ELEV DFAULT

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SOURCE ID = AREA1 ; SOURCE TYPE = AREA :											
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00
SOURCE ID = AREA2 ; SOURCE TYPE = AREA :											
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00
SOURCE ID = AREA3 ; SOURCE TYPE = AREA :											
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00
SOURCE ID = AREA4 ; SOURCE TYPE = AREA :											
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00
SOURCE ID = AREA5 ; SOURCE TYPE = AREA :											
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

CONC URBAN ELEV DFAULT

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SOURCE ID = AREA6 ; SOURCE TYPE = AREA :											
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00
SOURCE ID = AREA7 ; SOURCE TYPE = AREA :											
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

**MODELOPTs:
CONC URBAN ELEV DFAULT

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

(479700.0,	3636250.0,	107.9,	0.0);	(479750.0,	3636250.0,	107.1,	0.0);
(479800.0,	3636250.0,	106.9,	0.0);	(479850.0,	3636250.0,	103.0,	0.0);
(479900.0,	3636250.0,	95.0,	0.0);	(479950.0,	3636250.0,	87.4,	0.0);
(480000.0,	3636250.0,	99.1,	0.0);	(480050.0,	3636250.0,	100.7,	0.0);
(480100.0,	3636250.0,	88.1,	0.0);	(480150.0,	3636250.0,	104.2,	0.0);
(480200.0,	3636250.0,	105.8,	0.0);	(480250.0,	3636250.0,	100.3,	0.0);
(480300.0,	3636250.0,	95.4,	0.0);	(480350.0,	3636250.0,	103.2,	0.0);
(480400.0,	3636250.0,	109.3,	0.0);	(480450.0,	3636250.0,	110.3,	0.0);
(480500.0,	3636250.0,	104.3,	0.0);	(480550.0,	3636250.0,	97.2,	0.0);
(480600.0,	3636250.0,	91.2,	0.0);	(480650.0,	3636250.0,	70.3,	0.0);
(480700.0,	3636250.0,	69.1,	0.0);	(480750.0,	3636250.0,	88.9,	0.0);
(480800.0,	3636250.0,	93.8,	0.0);	(480850.0,	3636250.0,	92.8,	0.0);
(480900.0,	3636250.0,	93.3,	0.0);	(479700.0,	3636300.0,	107.9,	0.0);
(479750.0,	3636300.0,	107.9,	0.0);	(479800.0,	3636300.0,	107.0,	0.0);
(479850.0,	3636300.0,	106.1,	0.0);	(479900.0,	3636300.0,	104.2,	0.0);
(479950.0,	3636300.0,	94.0,	0.0);	(480000.0,	3636300.0,	98.1,	0.0);
(480050.0,	3636300.0,	102.0,	0.0);	(480100.0,	3636300.0,	95.1,	0.0);
(480150.0,	3636300.0,	106.1,	0.0);	(480200.0,	3636300.0,	107.0,	0.0);
(480250.0,	3636300.0,	107.0,	0.0);	(480300.0,	3636300.0,	107.0,	0.0);
(480350.0,	3636300.0,	102.2,	0.0);	(480400.0,	3636300.0,	110.4,	0.0);
(480450.0,	3636300.0,	111.9,	0.0);	(480500.0,	3636300.0,	110.3,	0.0);
(480550.0,	3636300.0,	105.0,	0.0);	(480600.0,	3636300.0,	91.1,	0.0);
(480650.0,	3636300.0,	73.8,	0.0);	(480700.0,	3636300.0,	67.0,	0.0);
(480750.0,	3636300.0,	81.1,	0.0);	(480800.0,	3636300.0,	92.4,	0.0);
(480850.0,	3636300.0,	93.9,	0.0);	(480900.0,	3636300.0,	93.9,	0.0);
(479700.0,	3636350.0,	107.0,	0.0);	(479750.0,	3636350.0,	107.1,	0.0);
(479800.0,	3636350.0,	107.0,	0.0);	(479850.0,	3636350.0,	107.0,	0.0);
(479900.0,	3636350.0,	106.0,	0.0);	(479950.0,	3636350.0,	95.8,	0.0);
(480000.0,	3636350.0,	105.4,	0.0);	(480050.0,	3636350.0,	104.2,	0.0);
(480100.0,	3636350.0,	96.2,	0.0);	(480150.0,	3636350.0,	105.6,	0.0);
(480200.0,	3636350.0,	107.6,	0.0);	(480250.0,	3636350.0,	108.2,	0.0);
(480300.0,	3636350.0,	109.1,	0.0);	(480350.0,	3636350.0,	107.2,	0.0);
(480400.0,	3636350.0,	110.8,	0.0);	(480450.0,	3636350.0,	111.9,	0.0);
(480500.0,	3636350.0,	108.7,	0.0);	(480550.0,	3636350.0,	92.3,	0.0);
(480600.0,	3636350.0,	75.8,	0.0);	(480650.0,	3636350.0,	74.1,	0.0);
(480700.0,	3636350.0,	67.5,	0.0);	(480750.0,	3636350.0,	73.4,	0.0);
(480800.0,	3636350.0,	91.5,	0.0);	(480850.0,	3636350.0,	93.9,	0.0);
(480900.0,	3636350.0,	93.9,	0.0);	(479700.0,	3636400.0,	106.4,	0.0);
(479750.0,	3636400.0,	107.2,	0.0);	(479800.0,	3636400.0,	107.7,	0.0);
(479850.0,	3636400.0,	107.0,	0.0);	(479900.0,	3636400.0,	106.4,	0.0);
(479950.0,	3636400.0,	101.8,	0.0);	(480000.0,	3636400.0,	106.7,	0.0);

```
( 480050.0, 3636400.0,     106.8,       0.0);          ( 480100.0, 3636400.0,     102.3,       0.0);
( 480150.0, 3636400.0,     105.0,       0.0);          ( 480200.0, 3636400.0,     107.1,       0.0);
( 480250.0, 3636400.0,     108.6,       0.0);          ( 480300.0, 3636400.0,     109.1,       0.0);
( 480350.0, 3636400.0,     109.1,       0.0);          ( 480400.0, 3636400.0,     110.3,       0.0);
```

CONC URBAN ELEV DFAULT

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

(480450.0,	3636400.0,	111.9,	0.0);	(480500.0,	3636400.0,	104.2,	0.0);
(480550.0,	3636400.0,	82.6,	0.0);	(480600.0,	3636400.0,	83.6,	0.0);
(480650.0,	3636400.0,	88.5,	0.0);	(480700.0,	3636400.0,	76.0,	0.0);
(480750.0,	3636400.0,	67.1,	0.0);	(480800.0,	3636400.0,	88.7,	0.0);
(480850.0,	3636400.0,	93.7,	0.0);	(480900.0,	3636400.0,	93.9,	0.0);
(479700.0,	3636450.0,	107.9,	0.0);	(479750.0,	3636450.0,	107.9,	0.0);
(479800.0,	3636450.0,	107.9,	0.0);	(479850.0,	3636450.0,	107.9,	0.0);
(479900.0,	3636450.0,	107.0,	0.0);	(479950.0,	3636450.0,	106.1,	0.0);
(480000.0,	3636450.0,	106.1,	0.0);	(480050.0,	3636450.0,	107.0,	0.0);
(480100.0,	3636450.0,	107.0,	0.0);	(480150.0,	3636450.0,	107.9,	0.0);
(480200.0,	3636450.0,	109.1,	0.0);	(480250.0,	3636450.0,	109.1,	0.0);
(480300.0,	3636450.0,	110.0,	0.0);	(480350.0,	3636450.0,	110.0,	0.0);
(480400.0,	3636450.0,	110.9,	0.0);	(480450.0,	3636450.0,	110.9,	0.0);
(480500.0,	3636450.0,	98.3,	0.0);	(480550.0,	3636450.0,	83.7,	0.0);
(480600.0,	3636450.0,	100.9,	0.0);	(480650.0,	3636450.0,	103.4,	0.0);
(480700.0,	3636450.0,	84.4,	0.0);	(480750.0,	3636450.0,	67.1,	0.0);
(480800.0,	3636450.0,	81.4,	0.0);	(480850.0,	3636450.0,	92.7,	0.0);
(480900.0,	3636450.0,	93.9,	0.0);	(479700.0,	3636500.0,	109.1,	0.0);
(479750.0,	3636500.0,	109.1,	0.0);	(479800.0,	3636500.0,	109.0,	0.0);
(479850.0,	3636500.0,	107.9,	0.0);	(479900.0,	3636500.0,	107.7,	0.0);
(479950.0,	3636500.0,	108.4,	0.0);	(480250.0,	3636500.0,	110.0,	0.0);
(480300.0,	3636500.0,	110.0,	0.0);	(480350.0,	3636500.0,	110.8,	0.0);
(480400.0,	3636500.0,	110.9,	0.0);	(480450.0,	3636500.0,	108.3,	0.0);
(480500.0,	3636500.0,	92.0,	0.0);	(480550.0,	3636500.0,	91.4,	0.0);
(480600.0,	3636500.0,	99.7,	0.0);	(480650.0,	3636500.0,	91.7,	0.0);
(480700.0,	3636500.0,	81.3,	0.0);	(480750.0,	3636500.0,	70.7,	0.0);
(480800.0,	3636500.0,	74.2,	0.0);	(480850.0,	3636500.0,	90.7,	0.0);
(480900.0,	3636500.0,	93.3,	0.0);	(479700.0,	3636550.0,	110.0,	0.0);
(479750.0,	3636550.0,	110.0,	0.0);	(479800.0,	3636550.0,	109.3,	0.0);
(479850.0,	3636550.0,	109.1,	0.0);	(479900.0,	3636550.0,	108.8,	0.0);
(479950.0,	3636550.0,	109.2,	0.0);	(480450.0,	3636550.0,	104.3,	0.0);
(480500.0,	3636550.0,	89.8,	0.0);	(480550.0,	3636550.0,	100.6,	0.0);
(480600.0,	3636550.0,	103.6,	0.0);	(480650.0,	3636550.0,	90.7,	0.0);
(480700.0,	3636550.0,	90.7,	0.0);	(480750.0,	3636550.0,	79.7,	0.0);
(480800.0,	3636550.0,	71.5,	0.0);	(480850.0,	3636550.0,	85.4,	0.0);
(480900.0,	3636550.0,	93.9,	0.0);	(479700.0,	3636600.0,	110.0,	0.0);
(479750.0,	3636600.0,	110.0,	0.0);	(479800.0,	3636600.0,	110.0,	0.0);
(479850.0,	3636600.0,	109.1,	0.0);	(479900.0,	3636600.0,	109.1,	0.0);
(479950.0,	3636600.0,	109.1,	0.0);	(480700.0,	3636600.0,	104.4,	0.0);
(480750.0,	3636600.0,	81.1,	0.0);	(480800.0,	3636600.0,	73.7,	0.0);
(480850.0,	3636600.0,	75.7,	0.0);	(480900.0,	3636600.0,	93.0,	0.0);

```
( 479700.0, 3636650.0,     109.1,       0.0);          ( 479750.0, 3636650.0,     109.4,       0.0);
( 479800.0, 3636650.0,     109.3,       0.0);          ( 479850.0, 3636650.0,     109.1,       0.0);
( 479900.0, 3636650.0,     108.3,       0.0);          ( 479950.0, 3636650.0,     109.1,       0.0);
( 480700.0, 3636650.0,      93.2,       0.0);          ( 480750.0, 3636650.0,      93.4,       0.0);
```

CONC URBAN ELEV DFAULT

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

(480800.0,	3636650.0,	78.8,	0.0);	(480850.0,	3636650.0,	72.0,	0.0);
(480900.0,	3636650.0,	84.6,	0.0);	(479700.0,	3636700.0,	107.6,	0.0);
(479750.0,	3636700.0,	107.8,	0.0);	(479800.0,	3636700.0,	108.4,	0.0);
(479850.0,	3636700.0,	107.6,	0.0);	(479900.0,	3636700.0,	107.6,	0.0);
(479950.0,	3636700.0,	107.6,	0.0);	(480700.0,	3636700.0,	104.9,	0.0);
(480750.0,	3636700.0,	93.7,	0.0);	(480800.0,	3636700.0,	82.9,	0.0);
(480850.0,	3636700.0,	72.1,	0.0);	(480900.0,	3636700.0,	75.4,	0.0);
(479700.0,	3636750.0,	106.1,	0.0);	(479750.0,	3636750.0,	107.6,	0.0);
(479800.0,	3636750.0,	107.6,	0.0);	(479850.0,	3636750.0,	106.1,	0.0);
(479900.0,	3636750.0,	106.1,	0.0);	(479950.0,	3636750.0,	105.3,	0.0);
(480700.0,	3636750.0,	108.0,	0.0);	(480750.0,	3636750.0,	110.0,	0.0);
(480800.0,	3636750.0,	96.0,	0.0);	(480850.0,	3636750.0,	77.7,	0.0);
(480900.0,	3636750.0,	71.9,	0.0);	(479700.0,	3636800.0,	105.3,	0.0);
(479750.0,	3636800.0,	107.0,	0.0);	(479800.0,	3636800.0,	107.0,	0.0);
(479850.0,	3636800.0,	103.3,	0.0);	(479900.0,	3636800.0,	103.4,	0.0);
(479950.0,	3636800.0,	106.7,	0.0);	(480700.0,	3636800.0,	110.8,	0.0);
(480750.0,	3636800.0,	106.0,	0.0);	(480800.0,	3636800.0,	96.9,	0.0);
(480850.0,	3636800.0,	82.6,	0.0);	(480900.0,	3636800.0,	74.6,	0.0);
(479700.0,	3636850.0,	95.1,	0.0);	(479750.0,	3636850.0,	102.0,	0.0);
(479800.0,	3636850.0,	104.2,	0.0);	(479850.0,	3636850.0,	102.7,	0.0);
(479900.0,	3636850.0,	104.3,	0.0);	(479950.0,	3636850.0,	108.1,	0.0);
(480700.0,	3636850.0,	107.1,	0.0);	(480750.0,	3636850.0,	92.0,	0.0);
(480800.0,	3636850.0,	88.3,	0.0);	(480850.0,	3636850.0,	84.4,	0.0);
(480900.0,	3636850.0,	80.0,	0.0);	(479700.0,	3636900.0,	100.0,	0.0);
(479750.0,	3636900.0,	96.6,	0.0);	(479800.0,	3636900.0,	96.7,	0.0);
(479850.0,	3636900.0,	102.1,	0.0);	(479900.0,	3636900.0,	104.5,	0.0);
(479950.0,	3636900.0,	107.7,	0.0);	(480650.0,	3636900.0,	114.4,	0.0);
(480700.0,	3636900.0,	103.6,	0.0);	(480750.0,	3636900.0,	102.1,	0.0);
(480800.0,	3636900.0,	104.0,	0.0);	(480850.0,	3636900.0,	94.6,	0.0);
(480900.0,	3636900.0,	85.0,	0.0);	(479700.0,	3636950.0,	104.5,	0.0);
(479750.0,	3636950.0,	103.5,	0.0);	(479800.0,	3636950.0,	103.0,	0.0);
(479850.0,	3636950.0,	103.0,	0.0);	(479900.0,	3636950.0,	104.0,	0.0);
(479950.0,	3636950.0,	106.7,	0.0);	(480650.0,	3636950.0,	114.8,	0.0);
(480700.0,	3636950.0,	111.6,	0.0);	(480750.0,	3636950.0,	111.7,	0.0);
(480800.0,	3636950.0,	108.7,	0.0);	(480850.0,	3636950.0,	98.4,	0.0);
(480900.0,	3636950.0,	89.7,	0.0);	(479700.0,	3637000.0,	106.7,	0.0);
(479750.0,	3637000.0,	106.4,	0.0);	(479800.0,	3637000.0,	104.9,	0.0);
(479850.0,	3637000.0,	103.6,	0.0);	(479900.0,	3637000.0,	106.0,	0.0);
(479950.0,	3637000.0,	108.0,	0.0);	(480650.0,	3637000.0,	114.8,	0.0);
(480700.0,	3637000.0,	107.5,	0.0);	(480750.0,	3637000.0,	100.7,	0.0);
(480800.0,	3637000.0,	96.2,	0.0);	(480850.0,	3637000.0,	95.3,	0.0);

```
( 480900.0, 3637000.0,      88.0,       0.0);          ( 479700.0, 3637050.0,     109.1,       0.0);
( 479750.0, 3637050.0,     108.3,       0.0);          ( 479800.0, 3637050.0,     107.0,       0.0);
( 479850.0, 3637050.0,     106.1,       0.0);          ( 479900.0, 3637050.0,     107.6,       0.0);
( 479950.0, 3637050.0,     109.4,       0.0);          ( 480000.0, 3637050.0,     110.0,       0.0);
```

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

(480050.0,	3637050.0,	110.6,	0.0);	(480100.0,	3637050.0,	111.3,	0.0);
(480650.0,	3637050.0,	112.7,	0.0);	(480700.0,	3637050.0,	104.2,	0.0);
(480750.0,	3637050.0,	103.9,	0.0);	(480800.0,	3637050.0,	95.6,	0.0);
(480850.0,	3637050.0,	86.9,	0.0);	(480900.0,	3637050.0,	85.0,	0.0);
(479700.0,	3637100.0,	110.0,	0.0);	(479750.0,	3637100.0,	109.4,	0.0);
(479800.0,	3637100.0,	108.4,	0.0);	(479850.0,	3637100.0,	107.6,	0.0);
(479900.0,	3637100.0,	108.4,	0.0);	(479950.0,	3637100.0,	109.4,	0.0);
(480000.0,	3637100.0,	110.0,	0.0);	(480050.0,	3637100.0,	110.9,	0.0);
(480100.0,	3637100.0,	111.9,	0.0);	(480150.0,	3637100.0,	113.1,	0.0);
(480200.0,	3637100.0,	113.9,	0.0);	(480650.0,	3637100.0,	114.8,	0.0);
(480700.0,	3637100.0,	112.7,	0.0);	(480750.0,	3637100.0,	104.3,	0.0);
(480800.0,	3637100.0,	95.9,	0.0);	(480850.0,	3637100.0,	98.2,	0.0);
(480900.0,	3637100.0,	85.6,	0.0);	(479700.0,	3637150.0,	109.1,	0.0);
(479750.0,	3637150.0,	109.1,	0.0);	(479800.0,	3637150.0,	109.1,	0.0);
(479850.0,	3637150.0,	107.9,	0.0);	(479900.0,	3637150.0,	108.8,	0.0);
(479950.0,	3637150.0,	110.0,	0.0);	(480000.0,	3637150.0,	110.9,	0.0);
(480050.0,	3637150.0,	111.6,	0.0);	(480100.0,	3637150.0,	112.3,	0.0);
(480150.0,	3637150.0,	113.1,	0.0);	(480200.0,	3637150.0,	114.2,	0.0);
(480250.0,	3637150.0,	115.3,	0.0);	(480300.0,	3637150.0,	117.0,	0.0);
(480350.0,	3637150.0,	118.0,	0.0);	(480400.0,	3637150.0,	119.5,	0.0);
(480450.0,	3637150.0,	121.0,	0.0);	(480500.0,	3637150.0,	121.9,	0.0);
(480550.0,	3637150.0,	121.6,	0.0);	(480600.0,	3637150.0,	119.3,	0.0);
(480650.0,	3637150.0,	116.2,	0.0);	(480700.0,	3637150.0,	108.0,	0.0);
(480750.0,	3637150.0,	101.8,	0.0);	(480800.0,	3637150.0,	108.8,	0.0);
(480850.0,	3637150.0,	105.4,	0.0);	(480900.0,	3637150.0,	92.4,	0.0);
(479700.0,	3637200.0,	109.1,	0.0);	(479750.0,	3637200.0,	109.1,	0.0);
(479800.0,	3637200.0,	109.1,	0.0);	(479850.0,	3637200.0,	109.1,	0.0);
(479900.0,	3637200.0,	109.1,	0.0);	(479950.0,	3637200.0,	110.0,	0.0);
(480000.0,	3637200.0,	110.9,	0.0);	(480050.0,	3637200.0,	111.6,	0.0);
(480100.0,	3637200.0,	112.3,	0.0);	(480150.0,	3637200.0,	114.0,	0.0);
(480200.0,	3637200.0,	114.6,	0.0);	(480250.0,	3637200.0,	115.3,	0.0);
(480300.0,	3637200.0,	117.0,	0.0);	(480350.0,	3637200.0,	118.6,	0.0);
(480400.0,	3637200.0,	120.4,	0.0);	(480450.0,	3637200.0,	121.9,	0.0);
(480500.0,	3637200.0,	122.7,	0.0);	(480550.0,	3637200.0,	121.6,	0.0);
(480600.0,	3637200.0,	120.1,	0.0);	(480650.0,	3637200.0,	117.3,	0.0);
(480700.0,	3637200.0,	116.1,	0.0);	(480750.0,	3637200.0,	116.1,	0.0);
(480800.0,	3637200.0,	117.0,	0.0);	(480850.0,	3637200.0,	105.5,	0.0);
(480900.0,	3637200.0,	98.1,	0.0);	(479700.0,	3637250.0,	109.1,	0.0);
(479750.0,	3637250.0,	109.1,	0.0);	(479800.0,	3637250.0,	109.1,	0.0);
(479850.0,	3637250.0,	109.1,	0.0);	(479900.0,	3637250.0,	109.1,	0.0);

```
( 479950.0, 3637250.0,     110.2,       0.0);          ( 480000.0, 3637250.0,     110.9,       0.0);
( 480050.0, 3637250.0,     111.9,       0.0);          ( 480100.0, 3637250.0,     113.3,       0.0);
( 480150.0, 3637250.0,     114.0,       0.0);          ( 480200.0, 3637250.0,     114.9,       0.0);
( 480250.0, 3637250.0,     116.1,       0.0);          ( 480300.0, 3637250.0,     118.0,       0.0);
( 480350.0, 3637250.0,     118.9,       0.0);          ( 480400.0, 3637250.0,     121.0,       0.0);
```

CONC URBAN ELEV DFAULT

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

(480450.0,	3637250.0,	123.1,	0.0);	(480500.0,	3637250.0,	123.1,	0.0);
(480550.0,	3637250.0,	123.1,	0.0);	(480600.0,	3637250.0,	121.0,	0.0);
(480650.0,	3637250.0,	120.1,	0.0);	(480700.0,	3637250.0,	118.0,	0.0);
(480750.0,	3637250.0,	116.1,	0.0);	(480800.0,	3637250.0,	116.1,	0.0);
(480850.0,	3637250.0,	107.9,	0.0);	(480900.0,	3637250.0,	89.9,	0.0);
(479700.0,	3637300.0,	104.5,	0.0);	(479750.0,	3637300.0,	104.2,	0.0);
(479800.0,	3637300.0,	104.5,	0.0);	(479850.0,	3637300.0,	107.0,	0.0);
(479900.0,	3637300.0,	109.7,	0.0);	(479950.0,	3637300.0,	110.9,	0.0);
(480000.0,	3637300.0,	111.9,	0.0);	(480050.0,	3637300.0,	112.4,	0.0);
(480100.0,	3637300.0,	113.3,	0.0);	(480150.0,	3637300.0,	114.0,	0.0);
(480200.0,	3637300.0,	115.5,	0.0);	(480250.0,	3637300.0,	116.3,	0.0);
(480300.0,	3637300.0,	117.7,	0.0);	(480350.0,	3637300.0,	118.6,	0.0);
(480400.0,	3637300.0,	120.6,	0.0);	(480450.0,	3637300.0,	121.6,	0.0);
(480500.0,	3637300.0,	122.5,	0.0);	(480550.0,	3637300.0,	122.5,	0.0);
(480600.0,	3637300.0,	119.7,	0.0);	(480650.0,	3637300.0,	115.5,	0.0);
(480700.0,	3637300.0,	115.6,	0.0);	(480750.0,	3637300.0,	114.4,	0.0);
(480800.0,	3637300.0,	104.7,	0.0);	(480850.0,	3637300.0,	96.3,	0.0);
(480900.0,	3637300.0,	90.6,	0.0);	(479700.0,	3637350.0,	104.9,	0.0);
(479750.0,	3637350.0,	103.3,	0.0);	(479800.0,	3637350.0,	104.2,	0.0);
(479850.0,	3637350.0,	107.0,	0.0);	(479900.0,	3637350.0,	109.3,	0.0);
(479950.0,	3637350.0,	110.9,	0.0);	(480000.0,	3637350.0,	110.9,	0.0);
(480050.0,	3637350.0,	111.6,	0.0);	(480100.0,	3637350.0,	113.1,	0.0);
(480150.0,	3637350.0,	114.0,	0.0);	(480200.0,	3637350.0,	114.9,	0.0);
(480250.0,	3637350.0,	116.4,	0.0);	(480300.0,	3637350.0,	118.0,	0.0);
(480350.0,	3637350.0,	119.7,	0.0);	(480400.0,	3637350.0,	121.7,	0.0);
(480450.0,	3637350.0,	121.9,	0.0);	(480500.0,	3637350.0,	123.1,	0.0);
(480550.0,	3637350.0,	123.0,	0.0);	(480600.0,	3637350.0,	118.9,	0.0);
(480650.0,	3637350.0,	115.0,	0.0);	(480700.0,	3637350.0,	104.7,	0.0);
(480750.0,	3637350.0,	99.1,	0.0);	(480800.0,	3637350.0,	98.0,	0.0);
(480850.0,	3637350.0,	103.6,	0.0);	(480900.0,	3637350.0,	100.0,	0.0);
(479700.0,	3637400.0,	101.3,	0.0);	(479750.0,	3637400.0,	101.6,	0.0);
(479800.0,	3637400.0,	103.8,	0.0);	(479850.0,	3637400.0,	104.2,	0.0);
(479900.0,	3637400.0,	106.4,	0.0);	(479950.0,	3637400.0,	108.8,	0.0);
(480000.0,	3637400.0,	110.0,	0.0);	(480050.0,	3637400.0,	111.6,	0.0);
(480100.0,	3637400.0,	113.1,	0.0);	(480150.0,	3637400.0,	114.0,	0.0);
(480200.0,	3637400.0,	115.3,	0.0);	(480250.0,	3637400.0,	116.4,	0.0);
(480300.0,	3637400.0,	118.0,	0.0);	(480350.0,	3637400.0,	119.7,	0.0);
(480400.0,	3637400.0,	121.3,	0.0);	(480450.0,	3637400.0,	125.6,	0.0);
(480500.0,	3637400.0,	128.0,	0.0);	(480550.0,	3637400.0,	126.2,	0.0);
(480600.0,	3637400.0,	122.1,	0.0);	(480650.0,	3637400.0,	118.3,	0.0);

```
( 480700.0, 3637400.0,     113.4,       0.0);        ( 480750.0, 3637400.0,     100.4,       0.0);
( 480800.0, 3637400.0,     112.3,       0.0);        ( 480850.0, 3637400.0,     111.7,       0.0);
( 480900.0, 3637400.0,     102.1,       0.0);        ( 478900.0, 3635500.0,      96.1,       0.0);
( 479000.0, 3635500.0,      90.6,       0.0);        ( 479100.0, 3635500.0,      97.3,       0.0);
( 479200.0, 3635500.0,      82.5,       0.0);        ( 479300.0, 3635500.0,      84.1,       0.0);
```

**MODELOPTs:
CONC URBAN ELEV DFAULT

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

(	479400.0,	3635500.0,	79.3,	0.0);	(479500.0,	3635500.0,	78.3,	0.0);
(	479600.0,	3635500.0,	68.8,	0.0);	(479700.0,	3635500.0,	60.0,	0.0);
(	479800.0,	3635500.0,	58.5,	0.0);	(479900.0,	3635500.0,	55.4,	0.0);
(	480000.0,	3635500.0,	53.9,	0.0);	(480100.0,	3635500.0,	57.9,	0.0);
(	480200.0,	3635500.0,	64.7,	0.0);	(480300.0,	3635500.0,	76.7,	0.0);
(	480400.0,	3635500.0,	95.7,	0.0);	(480500.0,	3635500.0,	105.4,	0.0);
(	480600.0,	3635500.0,	96.3,	0.0);	(480700.0,	3635500.0,	77.3,	0.0);
(	480800.0,	3635500.0,	98.8,	0.0);	(480900.0,	3635500.0,	79.8,	0.0);
(	481000.0,	3635500.0,	111.5,	0.0);	(481100.0,	3635500.0,	104.9,	0.0);
(	481200.0,	3635500.0,	100.4,	0.0);	(481300.0,	3635500.0,	77.2,	0.0);
(	481400.0,	3635500.0,	84.6,	0.0);	(481500.0,	3635500.0,	99.7,	0.0);
(	481600.0,	3635500.0,	109.2,	0.0);	(481700.0,	3635500.0,	105.5,	0.0);
(	478900.0,	3635600.0,	104.2,	0.0);	(479000.0,	3635600.0,	96.7,	0.0);
(	479100.0,	3635600.0,	101.9,	0.0);	(479200.0,	3635600.0,	72.8,	0.0);
(	479300.0,	3635600.0,	91.5,	0.0);	(479400.0,	3635600.0,	83.3,	0.0);
(	479500.0,	3635600.0,	81.8,	0.0);	(479600.0,	3635600.0,	77.9,	0.0);
(	479700.0,	3635600.0,	62.4,	0.0);	(479800.0,	3635600.0,	79.5,	0.0);
(	479900.0,	3635600.0,	73.8,	0.0);	(480000.0,	3635600.0,	62.1,	0.0);
(	480100.0,	3635600.0,	59.8,	0.0);	(480200.0,	3635600.0,	58.9,	0.0);
(	480300.0,	3635600.0,	56.7,	0.0);	(480400.0,	3635600.0,	75.2,	0.0);
(	480500.0,	3635600.0,	84.0,	0.0);	(480600.0,	3635600.0,	74.9,	0.0);
(	480700.0,	3635600.0,	64.6,	0.0);	(480800.0,	3635600.0,	65.2,	0.0);
(	480900.0,	3635600.0,	73.5,	0.0);	(481000.0,	3635600.0,	70.7,	0.0);
(	481100.0,	3635600.0,	71.1,	0.0);	(481200.0,	3635600.0,	73.7,	0.0);
(	481300.0,	3635600.0,	84.7,	0.0);	(481400.0,	3635600.0,	99.4,	0.0);
(	481500.0,	3635600.0,	105.4,	0.0);	(481600.0,	3635600.0,	110.0,	0.0);
(	481700.0,	3635600.0,	108.6,	0.0);	(478900.0,	3635700.0,	97.6,	0.0);
(	479000.0,	3635700.0,	100.3,	0.0);	(479100.0,	3635700.0,	93.0,	0.0);
(	479200.0,	3635700.0,	91.6,	0.0);	(479300.0,	3635700.0,	99.7,	0.0);
(	479400.0,	3635700.0,	86.0,	0.0);	(479500.0,	3635700.0,	89.9,	0.0);
(	479600.0,	3635700.0,	86.3,	0.0);	(479700.0,	3635700.0,	79.9,	0.0);
(	479800.0,	3635700.0,	90.7,	0.0);	(479900.0,	3635700.0,	87.6,	0.0);
(	480000.0,	3635700.0,	78.0,	0.0);	(480100.0,	3635700.0,	67.4,	0.0);
(	480200.0,	3635700.0,	63.7,	0.0);	(480300.0,	3635700.0,	64.9,	0.0);
(	480400.0,	3635700.0,	56.7,	0.0);	(480500.0,	3635700.0,	63.3,	0.0);
(	480600.0,	3635700.0,	73.2,	0.0);	(480700.0,	3635700.0,	80.0,	0.0);
(	480800.0,	3635700.0,	83.3,	0.0);	(480900.0,	3635700.0,	79.9,	0.0);
(	481000.0,	3635700.0,	85.3,	0.0);	(481100.0,	3635700.0,	88.1,	0.0);
(	481200.0,	3635700.0,	86.9,	0.0);	(481300.0,	3635700.0,	89.3,	0.0);
(	481400.0,	3635700.0,	101.4,	0.0);	(481500.0,	3635700.0,	107.9,	0.0);

```
( 481600.0, 3635700.0,     109.0,       0.0);        ( 481700.0, 3635700.0,     104.9,       0.0);
( 478900.0, 3635800.0,      93.8,       0.0);        ( 479000.0, 3635800.0,      99.9,       0.0);
( 479100.0, 3635800.0,      95.1,       0.0);        ( 479200.0, 3635800.0,      88.2,       0.0);
( 479300.0, 3635800.0,     101.9,       0.0);        ( 479400.0, 3635800.0,     104.2,       0.0);
( 479500.0, 3635800.0,     101.1,       0.0);        ( 479600.0, 3635800.0,      91.2,       0.0);
```

**MODELOPTs:
CONC URBAN ELEV DFAULT

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

(479700.0,	3635800.0,	82.0,	0.0);	(479800.0,	3635800.0,	105.3,	0.0);
(479900.0,	3635800.0,	100.8,	0.0);	(480000.0,	3635800.0,	73.4,	0.0);
(480100.0,	3635800.0,	81.7,	0.0);	(480200.0,	3635800.0,	65.3,	0.0);
(480300.0,	3635800.0,	76.6,	0.0);	(480400.0,	3635800.0,	64.7,	0.0);
(480500.0,	3635800.0,	56.9,	0.0);	(480600.0,	3635800.0,	69.4,	0.0);
(480700.0,	3635800.0,	88.6,	0.0);	(480800.0,	3635800.0,	90.5,	0.0);
(480900.0,	3635800.0,	90.4,	0.0);	(481000.0,	3635800.0,	83.3,	0.0);
(481100.0,	3635800.0,	69.2,	0.0);	(481200.0,	3635800.0,	71.9,	0.0);
(481300.0,	3635800.0,	76.3,	0.0);	(481400.0,	3635800.0,	69.5,	0.0);
(481500.0,	3635800.0,	70.4,	0.0);	(481600.0,	3635800.0,	71.1,	0.0);
(481700.0,	3635800.0,	75.2,	0.0);	(478900.0,	3635900.0,	89.3,	0.0);
(479000.0,	3635900.0,	102.1,	0.0);	(479100.0,	3635900.0,	100.4,	0.0);
(479200.0,	3635900.0,	98.2,	0.0);	(479300.0,	3635900.0,	103.6,	0.0);
(479400.0,	3635900.0,	104.9,	0.0);	(479500.0,	3635900.0,	105.8,	0.0);
(479600.0,	3635900.0,	91.0,	0.0);	(479700.0,	3635900.0,	99.0,	0.0);
(479800.0,	3635900.0,	105.1,	0.0);	(479900.0,	3635900.0,	95.2,	0.0);
(480000.0,	3635900.0,	83.6,	0.0);	(480100.0,	3635900.0,	89.0,	0.0);
(480200.0,	3635900.0,	73.6,	0.0);	(480300.0,	3635900.0,	87.7,	0.0);
(480400.0,	3635900.0,	72.7,	0.0);	(480500.0,	3635900.0,	68.3,	0.0);
(480600.0,	3635900.0,	62.4,	0.0);	(480700.0,	3635900.0,	60.7,	0.0);
(480800.0,	3635900.0,	61.7,	0.0);	(480900.0,	3635900.0,	60.7,	0.0);
(481000.0,	3635900.0,	63.7,	0.0);	(481100.0,	3635900.0,	67.1,	0.0);
(481200.0,	3635900.0,	68.0,	0.0);	(481300.0,	3635900.0,	70.9,	0.0);
(481400.0,	3635900.0,	72.0,	0.0);	(481500.0,	3635900.0,	74.0,	0.0);
(481600.0,	3635900.0,	70.9,	0.0);	(481700.0,	3635900.0,	69.6,	0.0);
(478900.0,	3636000.0,	98.8,	0.0);	(479000.0,	3636000.0,	104.5,	0.0);
(479100.0,	3636000.0,	104.9,	0.0);	(479200.0,	3636000.0,	104.2,	0.0);
(479300.0,	3636000.0,	104.9,	0.0);	(479400.0,	3636000.0,	104.9,	0.0);
(479500.0,	3636000.0,	105.4,	0.0);	(479600.0,	3636000.0,	98.0,	0.0);
(479700.0,	3636000.0,	106.1,	0.0);	(479800.0,	3636000.0,	104.5,	0.0);
(479900.0,	3636000.0,	86.0,	0.0);	(480000.0,	3636000.0,	100.0,	0.0);
(480100.0,	3636000.0,	88.4,	0.0);	(480200.0,	3636000.0,	87.0,	0.0);
(480300.0,	3636000.0,	91.1,	0.0);	(480400.0,	3636000.0,	92.4,	0.0);
(480500.0,	3636000.0,	74.3,	0.0);	(480600.0,	3636000.0,	67.1,	0.0);
(480700.0,	3636000.0,	70.7,	0.0);	(480800.0,	3636000.0,	67.7,	0.0);
(480900.0,	3636000.0,	74.1,	0.0);	(481000.0,	3636000.0,	68.3,	0.0);
(481100.0,	3636000.0,	78.3,	0.0);	(481200.0,	3636000.0,	82.9,	0.0);
(481300.0,	3636000.0,	84.1,	0.0);	(481400.0,	3636000.0,	78.3,	0.0);
(481500.0,	3636000.0,	82.9,	0.0);	(481600.0,	3636000.0,	82.6,	0.0);
(481700.0,	3636000.0,	80.4,	0.0);	(478900.0,	3636100.0,	71.2,	0.0);
(479000.0,	3636100.0,	83.2,	0.0);	(479100.0,	3636100.0,	88.7,	0.0);

```
( 479200.0, 3636100.0,     103.3,       0.0);          ( 479300.0, 3636100.0,     105.3,       0.0);
( 479400.0, 3636100.0,     102.1,       0.0);          ( 479500.0, 3636100.0,     106.4,       0.0);
( 479600.0, 3636100.0,     106.6,       0.0);          ( 479700.0, 3636100.0,     107.0,       0.0);
( 479800.0, 3636100.0,      98.5,       0.0);          ( 479900.0, 3636100.0,     104.1,       0.0);
```

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

(	480000.0,	3636100.0,	96.7,	0.0);	(480100.0,	3636100.0,	77.6,	0.0);
(	480200.0,	3636100.0,	88.7,	0.0);	(480300.0,	3636100.0,	103.6,	0.0);
(	480400.0,	3636100.0,	100.9,	0.0);	(480500.0,	3636100.0,	85.9,	0.0);
(	480600.0,	3636100.0,	72.6,	0.0);	(480700.0,	3636100.0,	79.3,	0.0);
(	480800.0,	3636100.0,	79.6,	0.0);	(480900.0,	3636100.0,	87.0,	0.0);
(	481000.0,	3636100.0,	73.2,	0.0);	(481100.0,	3636100.0,	87.6,	0.0);
(	481200.0,	3636100.0,	83.3,	0.0);	(481300.0,	3636100.0,	96.3,	0.0);
(	481400.0,	3636100.0,	90.5,	0.0);	(481500.0,	3636100.0,	92.7,	0.0);
(	481600.0,	3636100.0,	100.0,	0.0);	(481700.0,	3636100.0,	93.8,	0.0);
(	478900.0,	3636200.0,	86.0,	0.0);	(479000.0,	3636200.0,	84.1,	0.0);
(	479100.0,	3636200.0,	78.6,	0.0);	(479200.0,	3636200.0,	78.0,	0.0);
(	479300.0,	3636200.0,	88.5,	0.0);	(479400.0,	3636200.0,	92.7,	0.0);
(	479500.0,	3636200.0,	105.0,	0.0);	(479600.0,	3636200.0,	107.8,	0.0);
(	479700.0,	3636200.0,	107.0,	0.0);	(479800.0,	3636200.0,	107.0,	0.0);
(	479900.0,	3636200.0,	101.9,	0.0);	(480000.0,	3636200.0,	88.8,	0.0);
(	480100.0,	3636200.0,	85.3,	0.0);	(480200.0,	3636200.0,	95.2,	0.0);
(	480300.0,	3636200.0,	100.7,	0.0);	(480400.0,	3636200.0,	107.2,	0.0);
(	480500.0,	3636200.0,	98.6,	0.0);	(480600.0,	3636200.0,	81.0,	0.0);
(	480700.0,	3636200.0,	74.2,	0.0);	(480800.0,	3636200.0,	91.1,	0.0);
(	480900.0,	3636200.0,	93.0,	0.0);	(481000.0,	3636200.0,	84.9,	0.0);
(	481100.0,	3636200.0,	89.2,	0.0);	(481200.0,	3636200.0,	87.8,	0.0);
(	481300.0,	3636200.0,	89.3,	0.0);	(481400.0,	3636200.0,	99.4,	0.0);
(	481500.0,	3636200.0,	99.0,	0.0);	(481600.0,	3636200.0,	106.4,	0.0);
(	481700.0,	3636200.0,	106.9,	0.0);	(478900.0,	3636300.0,	95.7,	0.0);
(	479000.0,	3636300.0,	92.0,	0.0);	(479100.0,	3636300.0,	89.9,	0.0);
(	479200.0,	3636300.0,	97.3,	0.0);	(479300.0,	3636300.0,	91.7,	0.0);
(	479400.0,	3636300.0,	99.1,	0.0);	(479500.0,	3636300.0,	90.0,	0.0);
(	479600.0,	3636300.0,	103.3,	0.0);	(481000.0,	3636300.0,	92.7,	0.0);
(	481100.0,	3636300.0,	75.0,	0.0);	(481200.0,	3636300.0,	100.0,	0.0);
(	481300.0,	3636300.0,	97.4,	0.0);	(481400.0,	3636300.0,	85.4,	0.0);
(	481500.0,	3636300.0,	103.0,	0.0);	(481600.0,	3636300.0,	108.6,	0.0);
(	481700.0,	3636300.0,	111.9,	0.0);	(478900.0,	3636400.0,	101.6,	0.0);
(	479000.0,	3636400.0,	97.1,	0.0);	(479100.0,	3636400.0,	98.1,	0.0);
(	479200.0,	3636400.0,	104.2,	0.0);	(479300.0,	3636400.0,	104.0,	0.0);
(	479400.0,	3636400.0,	107.0,	0.0);	(479500.0,	3636400.0,	106.1,	0.0);
(	479600.0,	3636400.0,	102.1,	0.0);	(481000.0,	3636400.0,	91.8,	0.0);
(	481100.0,	3636400.0,	83.9,	0.0);	(481200.0,	3636400.0,	84.2,	0.0);
(	481300.0,	3636400.0,	100.4,	0.0);	(481400.0,	3636400.0,	101.2,	0.0);
(	481500.0,	3636400.0,	97.0,	0.0);	(481600.0,	3636400.0,	103.4,	0.0);
(	481700.0,	3636400.0,	107.7,	0.0);	(478900.0,	3636500.0,	104.9,	0.0);
(	479000.0,	3636500.0,	98.6,	0.0);	(479100.0,	3636500.0,	102.6,	0.0);

```
( 479200.0, 3636500.0,     106.4,       0.0);         ( 479300.0, 3636500.0,     107.7,       0.0);
( 479400.0, 3636500.0,     107.9,       0.0);         ( 479500.0, 3636500.0,     109.1,       0.0);
( 479600.0, 3636500.0,     108.7,       0.0);         ( 481000.0, 3636500.0,      93.9,       0.0);
( 481100.0, 3636500.0,      92.6,       0.0);         ( 481200.0, 3636500.0,      87.0,       0.0);
```

CONC URBAN ELEV DFAULT

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

(481300.0,	3636500.0,	92.9,	0.0);	(481400.0,	3636500.0,	99.7,	0.0);
(481500.0,	3636500.0,	105.3,	0.0);	(481600.0,	3636500.0,	105.5,	0.0);
(481700.0,	3636500.0,	107.1,	0.0);	(478900.0,	3636600.0,	104.9,	0.0);
(479000.0,	3636600.0,	105.4,	0.0);	(479100.0,	3636600.0,	102.1,	0.0);
(479200.0,	3636600.0,	106.4,	0.0);	(479300.0,	3636600.0,	100.4,	0.0);
(479400.0,	3636600.0,	98.1,	0.0);	(479500.0,	3636600.0,	106.7,	0.0);
(479600.0,	3636600.0,	109.7,	0.0);	(481000.0,	3636600.0,	91.7,	0.0);
(481100.0,	3636600.0,	95.1,	0.0);	(481200.0,	3636600.0,	93.9,	0.0);
(481300.0,	3636600.0,	86.0,	0.0);	(481400.0,	3636600.0,	97.3,	0.0);
(481500.0,	3636600.0,	107.9,	0.0);	(481600.0,	3636600.0,	111.9,	0.0);
(481700.0,	3636600.0,	110.9,	0.0);	(478900.0,	3636700.0,	101.5,	0.0);
(479000.0,	3636700.0,	98.5,	0.0);	(479100.0,	3636700.0,	94.3,	0.0);
(479200.0,	3636700.0,	93.3,	0.0);	(479300.0,	3636700.0,	88.6,	0.0);
(479400.0,	3636700.0,	94.3,	0.0);	(479500.0,	3636700.0,	91.0,	0.0);
(479600.0,	3636700.0,	104.7,	0.0);	(481000.0,	3636700.0,	90.9,	0.0);
(481100.0,	3636700.0,	94.7,	0.0);	(481200.0,	3636700.0,	97.3,	0.0);
(481300.0,	3636700.0,	96.8,	0.0);	(481400.0,	3636700.0,	93.4,	0.0);
(481500.0,	3636700.0,	101.4,	0.0);	(481600.0,	3636700.0,	109.3,	0.0);
(481700.0,	3636700.0,	110.7,	0.0);	(478900.0,	3636800.0,	88.3,	0.0);
(479000.0,	3636800.0,	83.1,	0.0);	(479100.0,	3636800.0,	84.3,	0.0);
(479200.0,	3636800.0,	92.0,	0.0);	(479300.0,	3636800.0,	101.8,	0.0);
(479400.0,	3636800.0,	103.3,	0.0);	(479500.0,	3636800.0,	102.3,	0.0);
(479600.0,	3636800.0,	96.0,	0.0);	(481000.0,	3636800.0,	91.7,	0.0);
(481100.0,	3636800.0,	95.2,	0.0);	(481200.0,	3636800.0,	100.3,	0.0);
(481300.0,	3636800.0,	100.3,	0.0);	(481400.0,	3636800.0,	101.9,	0.0);
(481500.0,	3636800.0,	99.0,	0.0);	(481600.0,	3636800.0,	100.9,	0.0);
(481700.0,	3636800.0,	108.6,	0.0);	(478900.0,	3636900.0,	83.6,	0.0);
(479000.0,	3636900.0,	93.6,	0.0);	(479100.0,	3636900.0,	96.9,	0.0);
(479200.0,	3636900.0,	103.9,	0.0);	(479300.0,	3636900.0,	105.7,	0.0);
(479400.0,	3636900.0,	109.1,	0.0);	(479500.0,	3636900.0,	108.7,	0.0);
(479600.0,	3636900.0,	103.6,	0.0);	(481000.0,	3636900.0,	76.9,	0.0);
(481100.0,	3636900.0,	91.0,	0.0);	(481200.0,	3636900.0,	103.9,	0.0);
(481300.0,	3636900.0,	106.4,	0.0);	(481400.0,	3636900.0,	113.7,	0.0);
(481500.0,	3636900.0,	109.1,	0.0);	(481600.0,	3636900.0,	103.6,	0.0);
(481700.0,	3636900.0,	108.1,	0.0);	(478900.0,	3637000.0,	85.1,	0.0);
(479000.0,	3637000.0,	90.8,	0.0);	(479100.0,	3637000.0,	97.0,	0.0);
(479200.0,	3637000.0,	103.3,	0.0);	(479300.0,	3637000.0,	105.8,	0.0);
(479400.0,	3637000.0,	110.0,	0.0);	(479500.0,	3637000.0,	110.9,	0.0);
(479600.0,	3637000.0,	109.4,	0.0);	(481000.0,	3637000.0,	82.8,	0.0);
(481100.0,	3637000.0,	76.2,	0.0);	(481200.0,	3637000.0,	96.0,	0.0);
(481300.0,	3637000.0,	96.7,	0.0);	(481400.0,	3637000.0,	111.3,	0.0);

```
( 481500.0, 3637000.0,     108.3,       0.0);        ( 481600.0, 3637000.0,     102.3,       0.0);
( 481700.0, 3637000.0,     110.0,       0.0);        ( 478900.0, 3637100.0,      99.1,       0.0);
( 479000.0, 3637100.0,      97.1,       0.0);        ( 479100.0, 3637100.0,      95.0,       0.0);
( 479200.0, 3637100.0,      91.2,       0.0);        ( 479300.0, 3637100.0,     102.3,       0.0);
```

CONC URBAN ELEV DFAULT

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

(479400.0,	3637100.0,	107.9,	0.0);	(479500.0,	3637100.0,	110.0,	0.0);
(479600.0,	3637100.0,	110.0,	0.0);	(481000.0,	3637100.0,	95.2,	0.0);
(481100.0,	3637100.0,	93.6,	0.0);	(481200.0,	3637100.0,	78.0,	0.0);
(481300.0,	3637100.0,	80.5,	0.0);	(481400.0,	3637100.0,	83.0,	0.0);
(481500.0,	3637100.0,	88.1,	0.0);	(481600.0,	3637100.0,	90.2,	0.0);
(481700.0,	3637100.0,	91.7,	0.0);	(478900.0,	3637200.0,	105.3,	0.0);
(479000.0,	3637200.0,	103.3,	0.0);	(479100.0,	3637200.0,	103.9,	0.0);
(479200.0,	3637200.0,	103.9,	0.0);	(479300.0,	3637200.0,	101.3,	0.0);
(479400.0,	3637200.0,	104.9,	0.0);	(479500.0,	3637200.0,	109.1,	0.0);
(479600.0,	3637200.0,	109.1,	0.0);	(481000.0,	3637200.0,	107.1,	0.0);
(481100.0,	3637200.0,	111.9,	0.0);	(481200.0,	3637200.0,	109.1,	0.0);
(481300.0,	3637200.0,	85.6,	0.0);	(481400.0,	3637200.0,	96.9,	0.0);
(481500.0,	3637200.0,	109.1,	0.0);	(481600.0,	3637200.0,	113.0,	0.0);
(481700.0,	3637200.0,	98.2,	0.0);	(478900.0,	3637300.0,	82.0,	0.0);
(479000.0,	3637300.0,	98.3,	0.0);	(479100.0,	3637300.0,	104.5,	0.0);
(479200.0,	3637300.0,	106.3,	0.0);	(479300.0,	3637300.0,	106.7,	0.0);
(479400.0,	3637300.0,	106.3,	0.0);	(479500.0,	3637300.0,	105.6,	0.0);
(479600.0,	3637300.0,	103.9,	0.0);	(481000.0,	3637300.0,	112.1,	0.0);
(481100.0,	3637300.0,	114.6,	0.0);	(481200.0,	3637300.0,	109.3,	0.0);
(481300.0,	3637300.0,	86.9,	0.0);	(481400.0,	3637300.0,	108.3,	0.0);
(481500.0,	3637300.0,	111.4,	0.0);	(481600.0,	3637300.0,	119.0,	0.0);
(481700.0,	3637300.0,	102.7,	0.0);	(478900.0,	3637400.0,	88.9,	0.0);
(479000.0,	3637400.0,	84.1,	0.0);	(479100.0,	3637400.0,	94.1,	0.0);
(479200.0,	3637400.0,	100.0,	0.0);	(479300.0,	3637400.0,	101.0,	0.0);
(479400.0,	3637400.0,	95.3,	0.0);	(479500.0,	3637400.0,	94.2,	0.0);
(479600.0,	3637400.0,	96.6,	0.0);	(481000.0,	3637400.0,	105.5,	0.0);
(481100.0,	3637400.0,	108.9,	0.0);	(481200.0,	3637400.0,	95.3,	0.0);
(481300.0,	3637400.0,	90.6,	0.0);	(481400.0,	3637400.0,	104.3,	0.0);
(481500.0,	3637400.0,	114.3,	0.0);	(481600.0,	3637400.0,	115.2,	0.0);
(481700.0,	3637400.0,	110.6,	0.0);	(478900.0,	3637500.0,	103.3,	0.0);
(479000.0,	3637500.0,	97.3,	0.0);	(479100.0,	3637500.0,	88.1,	0.0);
(479200.0,	3637500.0,	89.3,	0.0);	(479300.0,	3637500.0,	91.1,	0.0);
(479400.0,	3637500.0,	100.0,	0.0);	(479500.0,	3637500.0,	103.9,	0.0);
(479600.0,	3637500.0,	103.3,	0.0);	(479700.0,	3637500.0,	103.9,	0.0);
(479800.0,	3637500.0,	103.9,	0.0);	(479900.0,	3637500.0,	106.3,	0.0);
(480000.0,	3637500.0,	110.0,	0.0);	(480100.0,	3637500.0,	112.6,	0.0);
(480200.0,	3637500.0,	115.7,	0.0);	(480300.0,	3637500.0,	117.0,	0.0);
(480400.0,	3637500.0,	121.3,	0.0);	(480500.0,	3637500.0,	129.7,	0.0);
(480600.0,	3637500.0,	124.1,	0.0);	(480700.0,	3637500.0,	115.7,	0.0);
(480800.0,	3637500.0,	116.9,	0.0);	(480900.0,	3637500.0,	103.0,	0.0);
(481000.0,	3637500.0,	111.7,	0.0);	(481100.0,	3637500.0,	112.3,	0.0);

```
( 481200.0, 3637500.0,      99.1,       0.0);          ( 481300.0, 3637500.0,      90.3,       0.0);
( 481400.0, 3637500.0,     104.2,       0.0);          ( 481500.0, 3637500.0,     107.9,       0.0);
( 481600.0, 3637500.0,     108.3,       0.0);          ( 481700.0, 3637500.0,     118.3,       0.0);
( 478900.0, 3637600.0,     102.7,       0.0);          ( 479000.0, 3637600.0,      99.4,       0.0);
```

**MODELOPTs:
CONC URBAN ELEV DFAULT

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

(	479100.0,	3637600.0,	98.5,	0.0);	(479200.0,	3637600.0,	101.4,	0.0);
(	479300.0,	3637600.0,	109.0,	0.0);	(479400.0,	3637600.0,	107.3,	0.0);
(	479500.0,	3637600.0,	104.1,	0.0);	(479600.0,	3637600.0,	103.9,	0.0);
(	479700.0,	3637600.0,	105.3,	0.0);	(479800.0,	3637600.0,	107.1,	0.0);
(	479900.0,	3637600.0,	108.8,	0.0);	(480000.0,	3637600.0,	110.9,	0.0);
(	480100.0,	3637600.0,	113.3,	0.0);	(480200.0,	3637600.0,	112.5,	0.0);
(	480300.0,	3637600.0,	117.0,	0.0);	(480400.0,	3637600.0,	120.7,	0.0);
(	480500.0,	3637600.0,	128.7,	0.0);	(480600.0,	3637600.0,	125.3,	0.0);
(	480700.0,	3637600.0,	120.7,	0.0);	(480800.0,	3637600.0,	118.7,	0.0);
(	480900.0,	3637600.0,	105.4,	0.0);	(481000.0,	3637600.0,	113.3,	0.0);
(	481100.0,	3637600.0,	118.1,	0.0);	(481200.0,	3637600.0,	111.3,	0.0);
(	481300.0,	3637600.0,	102.7,	0.0);	(481400.0,	3637600.0,	95.0,	0.0);
(	481500.0,	3637600.0,	95.1,	0.0);	(481600.0,	3637600.0,	111.8,	0.0);
(	481700.0,	3637600.0,	116.6,	0.0);	(478900.0,	3637700.0,	99.1,	0.0);
(	479000.0,	3637700.0,	100.9,	0.0);	(479100.0,	3637700.0,	100.9,	0.0);
(	479200.0,	3637700.0,	103.5,	0.0);	(479300.0,	3637700.0,	109.4,	0.0);
(	479400.0,	3637700.0,	109.7,	0.0);	(479500.0,	3637700.0,	107.6,	0.0);
(	479600.0,	3637700.0,	106.5,	0.0);	(479700.0,	3637700.0,	107.0,	0.0);
(	479800.0,	3637700.0,	108.3,	0.0);	(479900.0,	3637700.0,	109.9,	0.0);
(	480000.0,	3637700.0,	111.9,	0.0);	(480100.0,	3637700.0,	112.0,	0.0);
(	480200.0,	3637700.0,	103.8,	0.0);	(480300.0,	3637700.0,	118.0,	0.0);
(	480400.0,	3637700.0,	124.5,	0.0);	(480500.0,	3637700.0,	128.1,	0.0);
(	480600.0,	3637700.0,	127.1,	0.0);	(480700.0,	3637700.0,	123.7,	0.0);
(	480800.0,	3637700.0,	121.3,	0.0);	(480900.0,	3637700.0,	103.0,	0.0);
(	481000.0,	3637700.0,	115.6,	0.0);	(481100.0,	3637700.0,	120.7,	0.0);
(	481200.0,	3637700.0,	113.1,	0.0);	(481300.0,	3637700.0,	99.5,	0.0);
(	481400.0,	3637700.0,	109.6,	0.0);	(481500.0,	3637700.0,	96.3,	0.0);
(	481600.0,	3637700.0,	109.3,	0.0);	(481700.0,	3637700.0,	116.6,	0.0);
(	478900.0,	3637800.0,	101.0,	0.0);	(479000.0,	3637800.0,	103.0,	0.0);
(	479100.0,	3637800.0,	103.0,	0.0);	(479200.0,	3637800.0,	105.6,	0.0);
(	479300.0,	3637800.0,	110.0,	0.0);	(479400.0,	3637800.0,	110.0,	0.0);
(	479500.0,	3637800.0,	109.1,	0.0);	(479600.0,	3637800.0,	107.3,	0.0);
(	479700.0,	3637800.0,	107.0,	0.0);	(479800.0,	3637800.0,	106.4,	0.0);
(	479900.0,	3637800.0,	110.3,	0.0);	(480000.0,	3637800.0,	104.9,	0.0);
(	480100.0,	3637800.0,	94.0,	0.0);	(480200.0,	3637800.0,	105.5,	0.0);
(	480300.0,	3637800.0,	118.0,	0.0);	(480400.0,	3637800.0,	126.0,	0.0);
(	480500.0,	3637800.0,	128.9,	0.0);	(480600.0,	3637800.0,	128.0,	0.0);
(	480700.0,	3637800.0,	123.7,	0.0);	(480800.0,	3637800.0,	118.1,	0.0);
(	480900.0,	3637800.0,	116.1,	0.0);	(481000.0,	3637800.0,	118.3,	0.0);
(	481100.0,	3637800.0,	119.3,	0.0);	(481200.0,	3637800.0,	111.9,	0.0);
(	481300.0,	3637800.0,	109.6,	0.0);	(481400.0,	3637800.0,	114.7,	0.0);

```
( 481500.0, 3637800.0,     107.9,       0.0);         ( 481600.0, 3637800.0,      97.3,       0.0);
( 481700.0, 3637800.0,     106.7,       0.0);         ( 478900.0, 3637900.0,      96.4,       0.0);
( 479000.0, 3637900.0,     101.8,       0.0);         ( 479100.0, 3637900.0,     104.9,       0.0);
( 479200.0, 3637900.0,     106.4,       0.0);         ( 479300.0, 3637900.0,     108.8,       0.0);
```

CONC URBAN ELEV DFAULT

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

(479400.0,	3637900.0,	110.0,	0.0);	(479500.0,	3637900.0,	109.0,	0.0);
(479600.0,	3637900.0,	107.2,	0.0);	(479700.0,	3637900.0,	104.9,	0.0);
(479800.0,	3637900.0,	102.5,	0.0);	(479900.0,	3637900.0,	89.7,	0.0);
(480000.0,	3637900.0,	92.3,	0.0);	(480100.0,	3637900.0,	111.8,	0.0);
(480200.0,	3637900.0,	109.5,	0.0);	(480300.0,	3637900.0,	118.0,	0.0);
(480400.0,	3637900.0,	125.2,	0.0);	(480500.0,	3637900.0,	128.9,	0.0);
(480600.0,	3637900.0,	127.7,	0.0);	(480700.0,	3637900.0,	123.7,	0.0);
(480800.0,	3637900.0,	120.7,	0.0);	(480900.0,	3637900.0,	116.4,	0.0);
(481000.0,	3637900.0,	115.9,	0.0);	(481100.0,	3637900.0,	109.4,	0.0);
(481200.0,	3637900.0,	114.9,	0.0);	(481300.0,	3637900.0,	114.5,	0.0);
(481400.0,	3637900.0,	114.3,	0.0);	(481500.0,	3637900.0,	108.0,	0.0);
(481600.0,	3637900.0,	107.0,	0.0);	(481700.0,	3637900.0,	98.9,	0.0);
(478900.0,	3638000.0,	96.1,	0.0);	(479000.0,	3638000.0,	95.7,	0.0);
(479100.0,	3638000.0,	103.6,	0.0);	(479200.0,	3638000.0,	105.3,	0.0);
(479300.0,	3638000.0,	108.2,	0.0);	(479400.0,	3638000.0,	109.4,	0.0);
(479500.0,	3638000.0,	108.0,	0.0);	(479600.0,	3638000.0,	104.1,	0.0);
(479700.0,	3638000.0,	96.0,	0.0);	(479800.0,	3638000.0,	92.2,	0.0);
(479900.0,	3638000.0,	76.7,	0.0);	(480000.0,	3638000.0,	104.0,	0.0);
(480100.0,	3638000.0,	97.3,	0.0);	(480200.0,	3638000.0,	110.9,	0.0);
(480300.0,	3638000.0,	118.9,	0.0);	(480400.0,	3638000.0,	127.5,	0.0);
(480500.0,	3638000.0,	128.9,	0.0);	(480600.0,	3638000.0,	127.4,	0.0);
(480700.0,	3638000.0,	124.7,	0.0);	(480800.0,	3638000.0,	122.2,	0.0);
(480900.0,	3638000.0,	120.1,	0.0);	(481000.0,	3638000.0,	117.7,	0.0);
(481100.0,	3638000.0,	109.3,	0.0);	(481200.0,	3638000.0,	110.3,	0.0);
(481300.0,	3638000.0,	117.0,	0.0);	(481400.0,	3638000.0,	115.9,	0.0);
(481500.0,	3638000.0,	110.3,	0.0);	(481600.0,	3638000.0,	112.6,	0.0);
(481700.0,	3638000.0,	109.1,	0.0);	(478900.0,	3638100.0,	100.3,	0.0);
(479000.0,	3638100.0,	99.7,	0.0);	(479100.0,	3638100.0,	102.1,	0.0);
(479200.0,	3638100.0,	104.9,	0.0);	(479300.0,	3638100.0,	107.9,	0.0);
(479400.0,	3638100.0,	107.0,	0.0);	(479500.0,	3638100.0,	98.0,	0.0);
(479600.0,	3638100.0,	101.2,	0.0);	(479700.0,	3638100.0,	66.1,	0.0);
(479800.0,	3638100.0,	68.3,	0.0);	(479900.0,	3638100.0,	71.3,	0.0);
(480000.0,	3638100.0,	89.0,	0.0);	(480100.0,	3638100.0,	104.2,	0.0);
(480200.0,	3638100.0,	106.0,	0.0);	(480300.0,	3638100.0,	114.9,	0.0);
(480400.0,	3638100.0,	127.7,	0.0);	(480500.0,	3638100.0,	128.9,	0.0);
(480600.0,	3638100.0,	127.1,	0.0);	(480700.0,	3638100.0,	123.7,	0.0);
(480800.0,	3638100.0,	121.3,	0.0);	(480900.0,	3638100.0,	121.0,	0.0);
(481000.0,	3638100.0,	117.7,	0.0);	(481100.0,	3638100.0,	104.2,	0.0);
(481200.0,	3638100.0,	78.9,	0.0);	(481300.0,	3638100.0,	115.4,	0.0);
(481400.0,	3638100.0,	116.4,	0.0);	(481500.0,	3638100.0,	103.0,	0.0);
(481600.0,	3638100.0,	110.9,	0.0);	(481700.0,	3638100.0,	112.0,	0.0);

```
( 478900.0, 3638200.0,     103.7,       0.0);        ( 479000.0, 3638200.0,     104.2,       0.0);
( 479100.0, 3638200.0,     105.3,       0.0);        ( 479200.0, 3638200.0,     105.4,       0.0);
( 479300.0, 3638200.0,     106.7,       0.0);        ( 479400.0, 3638200.0,     105.4,       0.0);
( 479500.0, 3638200.0,     103.4,       0.0);        ( 479600.0, 3638200.0,      64.9,       0.0);
```

CONC URBAN ELEV DFAULT

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

(479700.0,	3638200.0,	70.7,	0.0);	(479800.0,	3638200.0,	102.6,	0.0);
(479900.0,	3638200.0,	90.8,	0.0);	(480000.0,	3638200.0,	97.0,	0.0);
(480100.0,	3638200.0,	108.6,	0.0);	(480200.0,	3638200.0,	111.3,	0.0);
(480300.0,	3638200.0,	121.0,	0.0);	(480400.0,	3638200.0,	127.7,	0.0);
(480500.0,	3638200.0,	129.3,	0.0);	(480600.0,	3638200.0,	121.7,	0.0);
(480700.0,	3638200.0,	115.4,	0.0);	(480800.0,	3638200.0,	104.6,	0.0);
(480900.0,	3638200.0,	119.7,	0.0);	(481000.0,	3638200.0,	111.7,	0.0);
(481100.0,	3638200.0,	85.2,	0.0);	(481200.0,	3638200.0,	98.0,	0.0);
(481300.0,	3638200.0,	115.7,	0.0);	(481400.0,	3638200.0,	115.2,	0.0);
(481500.0,	3638200.0,	93.5,	0.0);	(481600.0,	3638200.0,	94.3,	0.0);
(481700.0,	3638200.0,	98.3,	0.0);				

CONC URBAN ELEV DFAULT

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

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

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	WIND SPEED CATEGORY					
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	WIND SPEED CATEGORY					
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

CONC URBAN ELEV DFAULT

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

FILE: MIR95.ASC
FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)
SURFACE STATION NO.: 93107 UPPER AIR STATION NO.: 3190
NAME: MIRAMAR_NAS,CA NAME: UNKNOWN
YEAR: 1995 YEAR: 1995

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING HEIGHT (M) RURAL	MIXING HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
95	01	01	01	181.0	1.00	282.6	6	1255.7	240.0	0.0000	0.0	0.0000	0	0.00
95	01	01	02	268.0	1.03	282.0	6	1267.5	240.0	0.0000	0.0	0.0000	0	0.00
95	01	01	03	244.0	1.03	282.6	6	1279.3	240.0	0.0000	0.0	0.0000	0	0.00
95	01	01	04	293.0	1.54	282.6	6	1291.1	240.0	0.0000	0.0	0.0000	0	0.00
95	01	01	05	293.0	2.06	282.6	5	1302.9	240.0	0.0000	0.0	0.0000	0	0.00
95	01	01	06	292.0	0.00	282.6	6	1314.7	240.0	0.0000	0.0	0.0000	0	0.00
95	01	01	07	285.0	1.03	280.4	5	13.8	251.5	0.0000	0.0	0.0000	0	0.00
95	01	01	08	253.0	1.00	283.2	4	213.1	416.8	0.0000	0.0	0.0000	0	0.00
95	01	01	09	247.0	0.00	288.7	3	412.4	582.2	0.0000	0.0	0.0000	0	0.00
95	01	01	10	151.0	2.06	288.7	3	611.8	747.6	0.0000	0.0	0.0000	0	0.00
95	01	01	11	144.0	2.06	289.3	3	811.1	912.9	0.0000	0.0	0.0000	0	0.00
95	01	01	12	136.0	4.12	290.9	3	1010.4	1078.3	0.0000	0.0	0.0000	0	0.00
95	01	01	13	143.0	3.60	291.5	3	1209.7	1243.6	0.0000	0.0	0.0000	0	0.00
95	01	01	14	129.0	4.12	289.3	3	1409.0	1409.0	0.0000	0.0	0.0000	0	0.00
95	01	01	15	132.0	4.12	290.4	3	1409.0	1409.0	0.0000	0.0	0.0000	0	0.00
95	01	01	16	144.0	3.09	289.3	4	1409.0	1409.0	0.0000	0.0	0.0000	0	0.00
95	01	01	17	161.0	2.06	288.2	5	1409.5	1371.2	0.0000	0.0	0.0000	0	0.00
95	01	01	18	57.0	1.03	284.8	6	1412.2	1182.2	0.0000	0.0	0.0000	0	0.00
95	01	01	19	64.0	0.00	283.7	7	1414.9	993.1	0.0000	0.0	0.0000	0	0.00
95	01	01	20	57.0	0.00	281.5	7	1417.6	804.1	0.0000	0.0	0.0000	0	0.00
95	01	01	21	280.0	1.03	282.0	7	1420.3	615.1	0.0000	0.0	0.0000	0	0.00
95	01	01	22	272.0	1.03	280.9	7	1423.0	426.1	0.0000	0.0	0.0000	0	0.00
95	01	01	23	270.0	1.54	280.9	7	1425.7	237.0	0.0000	0.0	0.0000	0	0.00
95	01	01	24	270.0	1.54	282.0	7	1428.4	48.0	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.

CONC URBAN ELEV DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
479700.00	3636250.00	0.14271	479750.00	3636250.00	0.15648	
479800.00	3636250.00	0.17461	479850.00	3636250.00	0.20221	
479900.00	3636250.00	0.25213	479950.00	3636250.00	0.34638	
480000.00	3636250.00	0.48575	480050.00	3636250.00	0.61953	
480100.00	3636250.00	0.72129	480150.00	3636250.00	0.82157	
480200.00	3636250.00	0.91935	480250.00	3636250.00	0.99219	
480300.00	3636250.00	1.04026	480350.00	3636250.00	1.07076	
480400.00	3636250.00	1.08481	480450.00	3636250.00	1.08083	
480500.00	3636250.00	1.05999	480550.00	3636250.00	1.02927	
480600.00	3636250.00	0.99803	480650.00	3636250.00	0.97152	
480700.00	3636250.00	0.94816	480750.00	3636250.00	0.92332	
480800.00	3636250.00	0.89397	480850.00	3636250.00	0.85977	
480900.00	3636250.00	0.82202	479700.00	3636300.00	0.16241	
479750.00	3636300.00	0.17855	479800.00	3636300.00	0.19998	
479850.00	3636300.00	0.23166	479900.00	3636300.00	0.28674	
479950.00	3636300.00	0.39738	480000.00	3636300.00	0.58597	
480050.00	3636300.00	0.78205	480100.00	3636300.00	0.93617	
480150.00	3636300.00	1.08505	480200.00	3636300.00	1.20156	
480250.00	3636300.00	1.26421	480300.00	3636300.00	1.29310	
480350.00	3636300.00	1.30142	480400.00	3636300.00	1.29261	
480450.00	3636300.00	1.26721	480500.00	3636300.00	1.22690	
480550.00	3636300.00	1.17975	480600.00	3636300.00	1.13675	
480650.00	3636300.00	1.10172	480700.00	3636300.00	1.06967	
480750.00	3636300.00	1.03415	480800.00	3636300.00	0.99274	
480850.00	3636300.00	0.94661	480900.00	3636300.00	0.89777	
479700.00	3636350.00	0.18705	479750.00	3636350.00	0.20740	
479800.00	3636350.00	0.23302	479850.00	3636350.00	0.27052	
479900.00	3636350.00	0.33445	479950.00	3636350.00	0.46507	
480000.00	3636350.00	0.72831	480050.00	3636350.00	1.03887	
480100.00	3636350.00	1.29566	480150.00	3636350.00	1.51366	
480200.00	3636350.00	1.62371	480250.00	3636350.00	1.64576	
480300.00	3636350.00	1.62813	480350.00	3636350.00	1.58872	
480400.00	3636350.00	1.53885	480450.00	3636350.00	1.48244	
480500.00	3636350.00	1.41801	480550.00	3636350.00	1.35247	
480600.00	3636350.00	1.29746	480650.00	3636350.00	1.25333	
480700.00	3636350.00	1.20999	480750.00	3636350.00	1.16013	
480800.00	3636350.00	1.10348	480850.00	3636350.00	1.04298	

480900.00	3636350.00	0.98105	479700.00	3636400.00	0.21743
479750.00	3636400.00	0.24416	479800.00	3636400.00	0.27840
479850.00	3636400.00	0.32511	479900.00	3636400.00	0.40267

CONC URBAN ELEV DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
479950.00	3636400.00	0.56257	480000.00	3636400.00	0.95009
480050.00	3636400.00	1.50626	480100.00	3636400.00	1.98571
480150.00	3636400.00	2.26175	480200.00	3636400.00	2.27311
480250.00	3636400.00	2.17863	480300.00	3636400.00	2.05582
480350.00	3636400.00	1.92946	480400.00	3636400.00	1.81940
480450.00	3636400.00	1.72636	480500.00	3636400.00	1.63687
480550.00	3636400.00	1.55333	480600.00	3636400.00	1.48759
480650.00	3636400.00	1.43319	480700.00	3636400.00	1.37404
480750.00	3636400.00	1.30476	480800.00	3636400.00	1.22908
480850.00	3636400.00	1.15110	480900.00	3636400.00	1.07326
479700.00	3636450.00	0.25598	479750.00	3636450.00	0.29166
479800.00	3636450.00	0.33898	479850.00	3636450.00	0.40576
479900.00	3636450.00	0.51120	479950.00	3636450.00	0.72274
480000.00	3636450.00	1.35960	480050.00	3636450.00	2.62810
480100.00	3636450.00	3.61265	480150.00	3636450.00	3.65609
480200.00	3636450.00	3.24824	480250.00	3636450.00	2.86618
480300.00	3636450.00	2.56092	480350.00	3636450.00	2.31471
480400.00	3636450.00	2.13353	480450.00	3636450.00	2.00452
480500.00	3636450.00	1.89251	480550.00	3636450.00	1.79370
480600.00	3636450.00	1.71975	480650.00	3636450.00	1.65156
480700.00	3636450.00	1.56869	480750.00	3636450.00	1.47332
480800.00	3636450.00	1.37358	480850.00	3636450.00	1.27344
480900.00	3636450.00	1.17528	479700.00	3636500.00	0.30806
479750.00	3636500.00	0.35769	479800.00	3636500.00	0.42573
479850.00	3636500.00	0.52653	479900.00	3636500.00	0.69824
479950.00	3636500.00	1.06063	480250.00	3636500.00	3.66165
480300.00	3636500.00	3.13489	480350.00	3636500.00	2.75050
480400.00	3636500.00	2.48904	480450.00	3636500.00	2.32654
480500.00	3636500.00	2.19896	480550.00	3636500.00	2.09297
480600.00	3636500.00	2.01473	480650.00	3636500.00	1.92355
480700.00	3636500.00	1.80440	480750.00	3636500.00	1.67365
480800.00	3636500.00	1.54152	480850.00	3636500.00	1.41117
480900.00	3636500.00	1.28579	479700.00	3636550.00	0.39296
479750.00	3636550.00	0.47179	479800.00	3636550.00	0.58804
479850.00	3636550.00	0.77664	479900.00	3636550.00	1.13948
479950.00	3636550.00	2.11317	480450.00	3636550.00	2.69730
480500.00	3636550.00	2.57977	480550.00	3636550.00	2.49112

480600.00	3636550.00	2.41128	480650.00	3636550.00	2.27463
480700.00	3636550.00	2.09819	480750.00	3636550.00	1.91517
480800.00	3636550.00	1.73459	480850.00	3636550.00	1.56112

CONC URBAN ELEV DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
480900.00	3636550.00	1.40034	479700.00	3636600.00	0.49476
479750.00	3636600.00	0.60521	479800.00	3636600.00	0.76968
479850.00	3636600.00	1.03978	479900.00	3636600.00	1.55846
479950.00	3636600.00	2.86267	480700.00	3636600.00	2.47207
480750.00	3636600.00	2.20010	480800.00	3636600.00	1.94499
480850.00	3636600.00	1.71424	480900.00	3636600.00	1.51244
479700.00	3636650.00	0.58100	479750.00	3636650.00	0.71487
479800.00	3636650.00	0.91595	479850.00	3636650.00	1.24015
479900.00	3636650.00	1.82637	479950.00	3636650.00	3.27630
480700.00	3636650.00	2.92401	480750.00	3636650.00	2.50701
480800.00	3636650.00	2.15482	480850.00	3636650.00	1.86126
480900.00	3636650.00	1.61837	479700.00	3636700.00	0.66621
479750.00	3636700.00	0.82256	479800.00	3636700.00	1.04892
479850.00	3636700.00	1.40324	479900.00	3636700.00	2.05020
479950.00	3636700.00	3.63336	480700.00	3636700.00	3.39021
480750.00	3636700.00	2.80377	480800.00	3636700.00	2.35497
480850.00	3636700.00	2.00217	480900.00	3636700.00	1.71886
479700.00	3636750.00	0.75508	479750.00	3636750.00	0.93208
479800.00	3636750.00	1.18522	479850.00	3636750.00	1.58555
479900.00	3636750.00	2.32199	479950.00	3636750.00	4.04953
480700.00	3636750.00	3.81763	480750.00	3636750.00	3.08694
480800.00	3636750.00	2.55055	480850.00	3636750.00	2.13713
480900.00	3636750.00	1.80790	479700.00	3636800.00	0.82864
479750.00	3636800.00	1.01897	479800.00	3636800.00	1.29605
479850.00	3636800.00	1.73581	479900.00	3636800.00	2.53131
479950.00	3636800.00	4.33048	480700.00	3636800.00	4.18452
480750.00	3636800.00	3.35184	480800.00	3636800.00	2.72735
480850.00	3636800.00	2.24340	480900.00	3636800.00	1.86252
479700.00	3636850.00	0.87742	479750.00	3636850.00	1.07578
479800.00	3636850.00	1.36904	479850.00	3636850.00	1.83759
479900.00	3636850.00	2.66555	479950.00	3636850.00	4.47421
480700.00	3636850.00	4.59683	480750.00	3636850.00	3.60472
480800.00	3636850.00	2.85311	480850.00	3636850.00	2.28604
480900.00	3636850.00	1.85972	479700.00	3636900.00	0.90729
479750.00	3636900.00	1.10942	479800.00	3636900.00	1.40703
479850.00	3636900.00	1.87565	479900.00	3636900.00	2.69457
479950.00	3636900.00	4.47810	480650.00	3636900.00	6.99202

480700.00	3636900.00	5.18030	480750.00	3636900.00	3.83077
480800.00	3636900.00	2.89704	480850.00	3636900.00	2.25560
480900.00	3636900.00	1.80709	479700.00	3636950.00	0.92712

CONC URBAN ELEV DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
479750.00	3636950.00	1.12586	479800.00	3636950.00	1.41296
479850.00	3636950.00	1.85718	479900.00	3636950.00	2.62335
479950.00	3636950.00	4.29528	480650.00	3636950.00	9.18266
480700.00	3636950.00	5.75427	480750.00	3636950.00	3.91296
480800.00	3636950.00	2.84528	480850.00	3636950.00	2.17862
480900.00	3636950.00	1.73455	479700.00	3637000.00	0.92564
479750.00	3637000.00	1.11204	479800.00	3637000.00	1.37443
479850.00	3637000.00	1.76488	479900.00	3637000.00	2.39310
479950.00	3637000.00	3.56728	480650.00	3637000.00	10.59118
480700.00	3637000.00	5.68801	480750.00	3637000.00	3.70757
480800.00	3637000.00	2.67541	480850.00	3637000.00	2.05089
480900.00	3637000.00	1.63656	479700.00	3637050.00	0.87705
479750.00	3637050.00	1.03512	479800.00	3637050.00	1.24901
479850.00	3637050.00	1.54709	479900.00	3637050.00	1.97428
479950.00	3637050.00	2.66182	480000.00	3637050.00	3.81732
480050.00	3637050.00	5.59073	480100.00	3637050.00	7.82804
480650.00	3637050.00	8.47367	480700.00	3637050.00	4.64696
480750.00	3637050.00	3.13627	480800.00	3637050.00	2.32670
480850.00	3637050.00	1.82080	480900.00	3637050.00	1.47518
479700.00	3637100.00	0.79412	479750.00	3637100.00	0.92078
479800.00	3637100.00	1.08542	479850.00	3637100.00	1.30559
479900.00	3637100.00	1.61669	479950.00	3637100.00	2.05612
480000.00	3637100.00	2.65805	480050.00	3637100.00	3.46898
480100.00	3637100.00	4.33539	480150.00	3637100.00	5.11514
480200.00	3637100.00	5.68226	480650.00	3637100.00	5.13743
480700.00	3637100.00	3.39539	480750.00	3637100.00	2.46841
480800.00	3637100.00	1.90685	480850.00	3637100.00	1.53544
480900.00	3637100.00	1.27231	479700.00	3637150.00	0.69601
479750.00	3637150.00	0.79512	479800.00	3637150.00	0.92338
479850.00	3637150.00	1.09302	479900.00	3637150.00	1.31412
479950.00	3637150.00	1.58453	480000.00	3637150.00	1.94623
480050.00	3637150.00	2.41086	480100.00	3637150.00	2.85194
480150.00	3637150.00	3.19902	480200.00	3637150.00	3.49596
480250.00	3637150.00	4.02737	480300.00	3637150.00	4.85779
480350.00	3637150.00	5.40288	480400.00	3637150.00	5.68983
480450.00	3637150.00	5.78208	480500.00	3637150.00	5.68615
480550.00	3637150.00	5.24996	480600.00	3637150.00	4.37259

480650.00	3637150.00	3.33444	480700.00	3637150.00	2.55753
480750.00	3637150.00	1.99216	480800.00	3637150.00	1.59294
480850.00	3637150.00	1.30809	480900.00	3637150.00	1.09943

CONC URBAN ELEV DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
479700.00	3637200.00	0.59991	479750.00	3637200.00	0.68005
479800.00	3637200.00	0.78359	479850.00	3637200.00	0.91505
479900.00	3637200.00	1.07464	479950.00	3637200.00	1.25967
480000.00	3637200.00	1.50221	480050.00	3637200.00	1.78309
480100.00	3637200.00	2.03361	480150.00	3637200.00	2.24159
480200.00	3637200.00	2.44492	480250.00	3637200.00	2.67219
480300.00	3637200.00	3.02049	480350.00	3637200.00	3.26606
480400.00	3637200.00	3.42497	480450.00	3637200.00	3.51147
480500.00	3637200.00	3.46786	480550.00	3637200.00	3.23081
480600.00	3637200.00	2.84480	480650.00	3637200.00	2.36575
480700.00	3637200.00	1.97198	480750.00	3637200.00	1.63898
480800.00	3637200.00	1.36666	480850.00	3637200.00	1.14935
480900.00	3637200.00	0.97831	479700.00	3637250.00	0.52160
479750.00	3637250.00	0.59112	479800.00	3637250.00	0.67893
479850.00	3637250.00	0.78476	479900.00	3637250.00	0.90367
479950.00	3637250.00	1.03301	480000.00	3637250.00	1.19133
480050.00	3637250.00	1.36661	480100.00	3637250.00	1.53726
480150.00	3637250.00	1.69423	480200.00	3637250.00	1.82209
480250.00	3637250.00	1.93960	480300.00	3637250.00	2.12233
480350.00	3637250.00	2.26516	480400.00	3637250.00	2.36280
480450.00	3637250.00	2.41450	480500.00	3637250.00	2.37884
480550.00	3637250.00	2.25389	480600.00	3637250.00	2.04861
480650.00	3637250.00	1.78367	480700.00	3637250.00	1.55568
480750.00	3637250.00	1.35286	480800.00	3637250.00	1.17220
480850.00	3637250.00	1.01587	480900.00	3637250.00	0.88279
479700.00	3637300.00	0.46457	479750.00	3637300.00	0.52675
479800.00	3637300.00	0.60109	479850.00	3637300.00	0.68381
479900.00	3637300.00	0.76752	479950.00	3637300.00	0.85402
480000.00	3637300.00	0.95922	480050.00	3637300.00	1.08313
480100.00	3637300.00	1.21556	480150.00	3637300.00	1.33761
480200.00	3637300.00	1.41963	480250.00	3637300.00	1.49172
480300.00	3637300.00	1.60043	480350.00	3637300.00	1.69252
480400.00	3637300.00	1.75204	480450.00	3637300.00	1.77696
480500.00	3637300.00	1.75009	480550.00	3637300.00	1.68119
480600.00	3637300.00	1.55854	480650.00	3637300.00	1.39688
480700.00	3637300.00	1.25229	480750.00	3637300.00	1.12348
480800.00	3637300.00	1.00297	480850.00	3637300.00	0.89253

480900.00	3637300.00	0.79354	479700.00	3637350.00	0.42164
479750.00	3637350.00	0.47540	479800.00	3637350.00	0.53507
479850.00	3637350.00	0.59537	479900.00	3637350.00	0.65147

CONC URBAN ELEV DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
479950.00	3637350.00	0.71062	480000.00	3637350.00	0.78762
480050.00	3637350.00	0.88550	480100.00	3637350.00	0.99404
480150.00	3637350.00	1.08990	480200.00	3637350.00	1.14756
480250.00	3637350.00	1.19610	480300.00	3637350.00	1.26281
480350.00	3637350.00	1.32122	480400.00	3637350.00	1.35776
480450.00	3637350.00	1.36919	480500.00	3637350.00	1.35167
480550.00	3637350.00	1.31082	480600.00	3637350.00	1.23112
480650.00	3637350.00	1.12490	480700.00	3637350.00	1.02657
480750.00	3637350.00	0.94014	480800.00	3637350.00	0.85859
480850.00	3637350.00	0.78070	480900.00	3637350.00	0.70806
479700.00	3637400.00	0.38481	479750.00	3637400.00	0.42888
479800.00	3637400.00	0.47422	479850.00	3637400.00	0.51637
479900.00	3637400.00	0.55471	479950.00	3637400.00	0.59907
480000.00	3637400.00	0.66157	480050.00	3637400.00	0.74393
480100.00	3637400.00	0.83511	480150.00	3637400.00	0.91079
480200.00	3637400.00	0.95388	480250.00	3637400.00	0.98687
480300.00	3637400.00	1.02674	480350.00	3637400.00	1.06255
480400.00	3637400.00	1.08534	480450.00	3637400.00	1.09128
480500.00	3637400.00	1.08150	480550.00	3637400.00	1.05547
480600.00	3637400.00	1.00059	480650.00	3637400.00	0.92670
480700.00	3637400.00	0.85605	480750.00	3637400.00	0.79443
480800.00	3637400.00	0.73740	480850.00	3637400.00	0.68211
480900.00	3637400.00	0.62884	478900.00	3635500.00	0.02491
479000.00	3635500.00	0.02643	479100.00	3635500.00	0.02813
479200.00	3635500.00	0.03002	479300.00	3635500.00	0.03190
479400.00	3635500.00	0.03350	479500.00	3635500.00	0.03526
479600.00	3635500.00	0.03904	479700.00	3635500.00	0.04766
479800.00	3635500.00	0.06325	479900.00	3635500.00	0.08480
480000.00	3635500.00	0.10739	480100.00	3635500.00	0.12592
480200.00	3635500.00	0.14061	480300.00	3635500.00	0.15578
480400.00	3635500.00	0.17413	480500.00	3635500.00	0.19400
480600.00	3635500.00	0.21187	480700.00	3635500.00	0.22595
480800.00	3635500.00	0.23675	480900.00	3635500.00	0.24550
481000.00	3635500.00	0.25249	481100.00	3635500.00	0.25705
481200.00	3635500.00	0.25846	481300.00	3635500.00	0.25678
481400.00	3635500.00	0.25266	481500.00	3635500.00	0.24702
481600.00	3635500.00	0.24058	481700.00	3635500.00	0.23376

478900.00	3635600.00	0.02702	479000.00	3635600.00	0.02866
479100.00	3635600.00	0.03058	479200.00	3635600.00	0.03276
479300.00	3635600.00	0.03516	479400.00	3635600.00	0.03744

CONC URBAN ELEV DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
479500.00	3635600.00	0.03955	479600.00	3635600.00	0.04305
479700.00	3635600.00	0.05153	479800.00	3635600.00	0.06862
479900.00	3635600.00	0.09410	480000.00	3635600.00	0.12154
480100.00	3635600.00	0.14362	480200.00	3635600.00	0.16106
480300.00	3635600.00	0.18052	480400.00	3635600.00	0.20472
480500.00	3635600.00	0.22936	480600.00	3635600.00	0.24900
480700.00	3635600.00	0.26263	480800.00	3635600.00	0.27242
480900.00	3635600.00	0.28033	481000.00	3635600.00	0.28626
481100.00	3635600.00	0.28899	481200.00	3635600.00	0.28781
481300.00	3635600.00	0.28320	481400.00	3635600.00	0.27627
481500.00	3635600.00	0.26808	481600.00	3635600.00	0.25933
481700.00	3635600.00	0.25038	478900.00	3635700.00	0.03006
479000.00	3635700.00	0.03147	479100.00	3635700.00	0.03350
479200.00	3635700.00	0.03600	479300.00	3635700.00	0.03886
479400.00	3635700.00	0.04193	479500.00	3635700.00	0.04486
479600.00	3635700.00	0.04841	479700.00	3635700.00	0.05650
479800.00	3635700.00	0.07501	479900.00	3635700.00	0.10553
480000.00	3635700.00	0.13982	480100.00	3635700.00	0.16680
480200.00	3635700.00	0.18803	480300.00	3635700.00	0.21380
480400.00	3635700.00	0.24600	480500.00	3635700.00	0.27580
480600.00	3635700.00	0.29616	480700.00	3635700.00	0.30817
480800.00	3635700.00	0.31641	480900.00	3635700.00	0.32312
481000.00	3635700.00	0.32719	481100.00	3635700.00	0.32683
481200.00	3635700.00	0.32177	481300.00	3635700.00	0.31316
481400.00	3635700.00	0.30257	481500.00	3635700.00	0.29110
481600.00	3635700.00	0.27942	481700.00	3635700.00	0.26774
478900.00	3635800.00	0.03462	479000.00	3635800.00	0.03553
479100.00	3635800.00	0.03730	479200.00	3635800.00	0.03992
479300.00	3635800.00	0.04325	479400.00	3635800.00	0.04710
479500.00	3635800.00	0.05117	479600.00	3635800.00	0.05549
479700.00	3635800.00	0.06324	479800.00	3635800.00	0.08276
479900.00	3635800.00	0.11967	480000.00	3635800.00	0.16398
480100.00	3635800.00	0.19808	480200.00	3635800.00	0.22485
480300.00	3635800.00	0.26024	480400.00	3635800.00	0.30297
480500.00	3635800.00	0.33756	480600.00	3635800.00	0.35669
480700.00	3635800.00	0.36569	480800.00	3635800.00	0.37180
480900.00	3635800.00	0.37650	481000.00	3635800.00	0.37704

481100.00	3635800.00	0.37154	481200.00	3635800.00	0.36074
481300.00	3635800.00	0.34674	481400.00	3635800.00	0.33139
481500.00	3635800.00	0.31578	481600.00	3635800.00	0.30037

CONC URBAN ELEV DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481700.00	3635800.00	0.28525	478900.00	3635900.00	0.04079
479000.00	3635900.00	0.04141	479100.00	3635900.00	0.04278
479200.00	3635900.00	0.04515	479300.00	3635900.00	0.04868
479400.00	3635900.00	0.05329	479500.00	3635900.00	0.05863
479600.00	3635900.00	0.06447	479700.00	3635900.00	0.07260
479800.00	3635900.00	0.09258	479900.00	3635900.00	0.13720
480000.00	3635900.00	0.19672	480100.00	3635900.00	0.24191
480200.00	3635900.00	0.27753	480300.00	3635900.00	0.32762
480400.00	3635900.00	0.38308	480500.00	3635900.00	0.42063
480600.00	3635900.00	0.43562	480700.00	3635900.00	0.43995
480800.00	3635900.00	0.44294	480900.00	3635900.00	0.44356
481000.00	3635900.00	0.43745	481100.00	3635900.00	0.42372
481200.00	3635900.00	0.40483	481300.00	3635900.00	0.38374
481400.00	3635900.00	0.36233	481500.00	3635900.00	0.34150
481600.00	3635900.00	0.32143	481700.00	3635900.00	0.30223
478900.00	3636000.00	0.04796	479000.00	3636000.00	0.04902
479100.00	3636000.00	0.05042	479200.00	3636000.00	0.05267
479300.00	3636000.00	0.05610	479400.00	3636000.00	0.06111
479500.00	3636000.00	0.06779	479600.00	3636000.00	0.07564
479700.00	3636000.00	0.08551	479800.00	3636000.00	0.10591
479900.00	3636000.00	0.15913	480000.00	3636000.00	0.24240
480100.00	3636000.00	0.30620	480200.00	3636000.00	0.35747
480300.00	3636000.00	0.42936	480400.00	3636000.00	0.49768
480500.00	3636000.00	0.53406	480600.00	3636000.00	0.54071
480700.00	3636000.00	0.53793	480800.00	3636000.00	0.53529
480900.00	3636000.00	0.52740	481000.00	3636000.00	0.50952
481100.00	3636000.00	0.48348	481200.00	3636000.00	0.45371
481300.00	3636000.00	0.42359	481400.00	3636000.00	0.39468
481500.00	3636000.00	0.36743	481600.00	3636000.00	0.34179
481700.00	3636000.00	0.31769	478900.00	3636100.00	0.05512
479000.00	3636100.00	0.05770	479100.00	3636100.00	0.06001
479200.00	3636100.00	0.06275	479300.00	3636100.00	0.06663
479400.00	3636100.00	0.07204	479500.00	3636100.00	0.07964
479600.00	3636100.00	0.08997	479700.00	3636100.00	0.10297
479800.00	3636100.00	0.12523	479900.00	3636100.00	0.18731
480000.00	3636100.00	0.30875	480100.00	3636100.00	0.40667
480200.00	3636100.00	0.48851	480300.00	3636100.00	0.58905

480400.00	3636100.00	0.66469	480500.00	3636100.00	0.69225
480600.00	3636100.00	0.68339	480700.00	3636100.00	0.66869
480800.00	3636100.00	0.65452	480900.00	3636100.00	0.63008

CONC URBAN ELEV DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481000.00	3636100.00	0.59343	481100.00	3636100.00	0.55044
481200.00	3636100.00	0.50687	481300.00	3636100.00	0.46562
481400.00	3636100.00	0.42750	481500.00	3636100.00	0.39247
481600.00	3636100.00	0.36025	481700.00	3636100.00	0.33070
478900.00	3636200.00	0.06122	479000.00	3636200.00	0.06614
479100.00	3636200.00	0.07080	479200.00	3636200.00	0.07528
479300.00	3636200.00	0.08043	479400.00	3636200.00	0.08727
479500.00	3636200.00	0.09660	479600.00	3636200.00	0.10932
479700.00	3636200.00	0.12706	479800.00	3636200.00	0.15442
479900.00	3636200.00	0.22586	480000.00	3636200.00	0.41130
480100.00	3636200.00	0.57985	480200.00	3636200.00	0.72523
480300.00	3636200.00	0.84917	480400.00	3636200.00	0.91459
480500.00	3636200.00	0.91634	480600.00	3636200.00	0.87752
480700.00	3636200.00	0.84212	480800.00	3636200.00	0.80532
480900.00	3636200.00	0.75264	481000.00	3636200.00	0.68930
481100.00	3636200.00	0.62456	481200.00	3636200.00	0.56383
481300.00	3636200.00	0.50879	481400.00	3636200.00	0.45942
481500.00	3636200.00	0.41514	481600.00	3636200.00	0.37554
481700.00	3636200.00	0.34020	478900.00	3636300.00	0.06655
479000.00	3636300.00	0.07332	479100.00	3636300.00	0.08099
479200.00	3636300.00	0.08909	479300.00	3636300.00	0.09755
479400.00	3636300.00	0.10737	479500.00	3636300.00	0.12015
479600.00	3636300.00	0.13778	481000.00	3636300.00	0.79895
481100.00	3636300.00	0.70623	481200.00	3636300.00	0.62354
481300.00	3636300.00	0.55126	481400.00	3636300.00	0.48833
481500.00	3636300.00	0.43367	481600.00	3636300.00	0.38634
481700.00	3636300.00	0.34549	478900.00	3636400.00	0.07305
479000.00	3636400.00	0.08092	479100.00	3636400.00	0.09061
479200.00	3636400.00	0.10247	479300.00	3636400.00	0.11633
479400.00	3636400.00	0.13221	479500.00	3636400.00	0.15191
479600.00	3636400.00	0.17874	481000.00	3636400.00	0.92497
481100.00	3636400.00	0.79402	481200.00	3636400.00	0.68282
481300.00	3636400.00	0.58948	481400.00	3636400.00	0.51137
481500.00	3636400.00	0.44612	481600.00	3636400.00	0.39177
481700.00	3636400.00	0.34652	478900.00	3636500.00	0.08296
479000.00	3636500.00	0.09281	479100.00	3636500.00	0.10474
479200.00	3636500.00	0.11976	479300.00	3636500.00	0.13927

479400.00	3636500.00	0.16443	479500.00	3636500.00	0.19652
479600.00	3636500.00	0.24046	481000.00	3636500.00	1.06189
481100.00	3636500.00	0.87991	481200.00	3636500.00	0.73466

CONC URBAN ELEV DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481300.00	3636500.00	0.61854	481400.00	3636500.00	0.52561
481500.00	3636500.00	0.45139	481600.00	3636500.00	0.39189
481700.00	3636500.00	0.34407	478900.00	3636600.00	0.09894
479000.00	3636600.00	0.11234	479100.00	3636600.00	0.12907
479200.00	3636600.00	0.15035	479300.00	3636600.00	0.17832
479400.00	3636600.00	0.21701	479500.00	3636600.00	0.27296
479600.00	3636600.00	0.35666	481000.00	3636600.00	1.19030
481100.00	3636600.00	0.95133	481200.00	3636600.00	0.77082
481300.00	3636600.00	0.63374	481400.00	3636600.00	0.52940
481500.00	3636600.00	0.44954	481600.00	3636600.00	0.38784
481700.00	3636600.00	0.33949	478900.00	3636700.00	0.12208
479000.00	3636700.00	0.13920	479100.00	3636700.00	0.16093
479200.00	3636700.00	0.18913	479300.00	3636700.00	0.22660
479400.00	3636700.00	0.27802	479500.00	3636700.00	0.35225
479600.00	3636700.00	0.46816	481000.00	3636700.00	1.29298
481100.00	3636700.00	0.99424	481200.00	3636700.00	0.78265
481300.00	3636700.00	0.63173	481400.00	3636700.00	0.52253
481500.00	3636700.00	0.44185	481600.00	3636700.00	0.38082
481700.00	3636700.00	0.33361	478900.00	3636800.00	0.14946
479000.00	3636800.00	0.17027	479100.00	3636800.00	0.19659
479200.00	3636800.00	0.23074	479300.00	3636800.00	0.27666
479400.00	3636800.00	0.34113	479500.00	3636800.00	0.43626
479600.00	3636800.00	0.58405	481000.00	3636800.00	1.32343
481100.00	3636800.00	0.98321	481200.00	3636800.00	0.76194
481300.00	3636800.00	0.61206	481400.00	3636800.00	0.50633
481500.00	3636800.00	0.42904	481600.00	3636800.00	0.37069
481700.00	3636800.00	0.32546	478900.00	3636900.00	0.17609
479000.00	3636900.00	0.20039	479100.00	3636900.00	0.23113
479200.00	3636900.00	0.27102	479300.00	3636900.00	0.32416
479400.00	3636900.00	0.39699	479500.00	3636900.00	0.50006
479600.00	3636900.00	0.65357	481000.00	3636900.00	1.24585
481100.00	3636900.00	0.92208	481200.00	3636900.00	0.71748
481300.00	3636900.00	0.57935	481400.00	3636900.00	0.48151
481500.00	3636900.00	0.40949	481600.00	3636900.00	0.35485
481700.00	3636900.00	0.31231	478900.00	3637000.00	0.19604
479000.00	3637000.00	0.22271	479100.00	3637000.00	0.25623
479200.00	3637000.00	0.29903	479300.00	3637000.00	0.35471

479400.00	3637000.00	0.42873	479500.00	3637000.00	0.53094
479600.00	3637000.00	0.68157	481000.00	3637000.00	1.12971
481100.00	3637000.00	0.83917	481200.00	3637000.00	0.65558

CONC URBAN ELEV DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481300.00	3637000.00	0.53156	481400.00	3637000.00	0.44359
481500.00	3637000.00	0.37878	481600.00	3637000.00	0.32952
481700.00	3637000.00	0.29111	478900.00	3637100.00	0.20086
479000.00	3637100.00	0.22665	479100.00	3637100.00	0.25836
479200.00	3637100.00	0.29772	479300.00	3637100.00	0.34720
479400.00	3637100.00	0.41082	479500.00	3637100.00	0.49563
479600.00	3637100.00	0.61490	481000.00	3637100.00	0.92475
481100.00	3637100.00	0.70833	481200.00	3637100.00	0.56414
481300.00	3637100.00	0.46358	481400.00	3637100.00	0.39087
481500.00	3637100.00	0.33664	481600.00	3637100.00	0.29507
481700.00	3637100.00	0.26246	478900.00	3637200.00	0.18796
479000.00	3637200.00	0.20942	479100.00	3637200.00	0.23495
479200.00	3637200.00	0.26551	479300.00	3637200.00	0.30254
479400.00	3637200.00	0.34840	479500.00	3637200.00	0.40715
479600.00	3637200.00	0.48599	481000.00	3637200.00	0.73728
481100.00	3637200.00	0.58098	481200.00	3637200.00	0.47313
481300.00	3637200.00	0.39530	481400.00	3637200.00	0.33744
481500.00	3637200.00	0.29342	481600.00	3637200.00	0.25926
481700.00	3637200.00	0.23224	478900.00	3637300.00	0.16601
479000.00	3637300.00	0.18256	479100.00	3637300.00	0.20162
479200.00	3637300.00	0.22362	479300.00	3637300.00	0.24933
479400.00	3637300.00	0.28034	479500.00	3637300.00	0.32000
479600.00	3637300.00	0.37607	481000.00	3637300.00	0.62922
481100.00	3637300.00	0.50611	481200.00	3637300.00	0.41590
481300.00	3637300.00	0.34930	481400.00	3637300.00	0.29923
481500.00	3637300.00	0.26087	481600.00	3637300.00	0.23097
481700.00	3637300.00	0.20731	478900.00	3637400.00	0.14481
479000.00	3637400.00	0.15748	479100.00	3637400.00	0.17155
479200.00	3637400.00	0.18737	479300.00	3637400.00	0.20591
479400.00	3637400.00	0.22935	479500.00	3637400.00	0.26218
479600.00	3637400.00	0.31172	481000.00	3637400.00	0.53163
481100.00	3637400.00	0.44810	481200.00	3637400.00	0.37843
481300.00	3637400.00	0.32201	481400.00	3637400.00	0.27713
481500.00	3637400.00	0.24163	481600.00	3637400.00	0.21347
481700.00	3637400.00	0.19102	478900.00	3637500.00	0.12762
479000.00	3637500.00	0.13722	479100.00	3637500.00	0.14772

479200.00	3637500.00	0.15968	479300.00	3637500.00	0.17458
479400.00	3637500.00	0.19489	479500.00	3637500.00	0.22406
479600.00	3637500.00	0.26544	479700.00	3637500.00	0.31793
479800.00	3637500.00	0.37050	479900.00	3637500.00	0.41612

CONC URBAN ELEV DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
480000.00	3637500.00	0.49768	480100.00	3637500.00	0.62415
480200.00	3637500.00	0.69510	480300.00	3637500.00	0.72130
480400.00	3637500.00	0.74201	480500.00	3637500.00	0.74488
480600.00	3637500.00	0.70375	480700.00	3637500.00	0.62319
480800.00	3637500.00	0.55508	480900.00	3637500.00	0.49543
481000.00	3637500.00	0.43847	481100.00	3637500.00	0.38621
481200.00	3637500.00	0.33912	481300.00	3637500.00	0.29720
481400.00	3637500.00	0.26069	481500.00	3637500.00	0.22959
481600.00	3637500.00	0.20358	481700.00	3637500.00	0.18202
478900.00	3637600.00	0.11336	479000.00	3637600.00	0.12046
479100.00	3637600.00	0.12834	479200.00	3637600.00	0.13790
479300.00	3637600.00	0.15059	479400.00	3637600.00	0.16831
479500.00	3637600.00	0.19298	479600.00	3637600.00	0.22545
479700.00	3637600.00	0.26273	479800.00	3637600.00	0.29635
479900.00	3637600.00	0.33075	480000.00	3637600.00	0.39879
480100.00	3637600.00	0.48810	480200.00	3637600.00	0.52925
480300.00	3637600.00	0.53684	480400.00	3637600.00	0.54327
480500.00	3637600.00	0.54831	480600.00	3637600.00	0.52514
480700.00	3637600.00	0.47645	480800.00	3637600.00	0.43249
480900.00	3637600.00	0.39581	481000.00	3637600.00	0.36075
481100.00	3637600.00	0.32727	481200.00	3637600.00	0.29634
481300.00	3637600.00	0.26779	481400.00	3637600.00	0.24135
481500.00	3637600.00	0.21711	481600.00	3637600.00	0.19530
481700.00	3637600.00	0.17608	478900.00	3637700.00	0.10043
479000.00	3637700.00	0.10552	479100.00	3637700.00	0.11159
479200.00	3637700.00	0.11957	479300.00	3637700.00	0.13067
479400.00	3637700.00	0.14619	479500.00	3637700.00	0.16724
479600.00	3637700.00	0.19370	479700.00	3637700.00	0.22192
479800.00	3637700.00	0.24587	479900.00	3637700.00	0.27496
480000.00	3637700.00	0.33089	480100.00	3637700.00	0.39173
480200.00	3637700.00	0.41559	480300.00	3637700.00	0.41666
480400.00	3637700.00	0.41898	480500.00	3637700.00	0.42306
480600.00	3637700.00	0.40851	480700.00	3637700.00	0.37750
480800.00	3637700.00	0.34778	480900.00	3637700.00	0.32323
481000.00	3637700.00	0.30034	481100.00	3637700.00	0.27779
481200.00	3637700.00	0.25645	481300.00	3637700.00	0.23674
481400.00	3637700.00	0.21838	481500.00	3637700.00	0.20102

481600.00	3637700.00	0.18455	481700.00	3637700.00	0.16910
478900.00	3637800.00	0.08817	479000.00	3637800.00	0.09197
479100.00	3637800.00	0.09704	479200.00	3637800.00	0.10424

CONC URBAN ELEV DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
479300.00	3637800.00	0.11449	479400.00	3637800.00	0.12877
479500.00	3637800.00	0.14771	479600.00	3637800.00	0.17032
479700.00	3637800.00	0.19209	479800.00	3637800.00	0.20984
479900.00	3637800.00	0.23515	480000.00	3637800.00	0.27954
480100.00	3637800.00	0.32041	480200.00	3637800.00	0.33469
480300.00	3637800.00	0.33426	480400.00	3637800.00	0.33610
480500.00	3637800.00	0.33855	480600.00	3637800.00	0.32817
480700.00	3637800.00	0.30726	480800.00	3637800.00	0.28660
480900.00	3637800.00	0.26952	481000.00	3637800.00	0.25399
481100.00	3637800.00	0.23838	481200.00	3637800.00	0.22293
481300.00	3637800.00	0.20844	481400.00	3637800.00	0.19512
481500.00	3637800.00	0.18270	481600.00	3637800.00	0.17087
481700.00	3637800.00	0.15941	478900.00	3637900.00	0.07697
479000.00	3637900.00	0.08023	479100.00	3637900.00	0.08505
479200.00	3637900.00	0.09215	479300.00	3637900.00	0.10228
479400.00	3637900.00	0.11609	479500.00	3637900.00	0.13359
479600.00	3637900.00	0.15275	479700.00	3637900.00	0.16899
479800.00	3637900.00	0.18250	479900.00	3637900.00	0.20462
480000.00	3637900.00	0.23881	480100.00	3637900.00	0.26641
480200.00	3637900.00	0.27545	480300.00	3637900.00	0.27560
480400.00	3637900.00	0.27785	480500.00	3637900.00	0.27895
480600.00	3637900.00	0.27069	480700.00	3637900.00	0.25559
480800.00	3637900.00	0.24072	480900.00	3637900.00	0.22854
481000.00	3637900.00	0.21786	481100.00	3637900.00	0.20705
481200.00	3637900.00	0.19577	481300.00	3637900.00	0.18467
481400.00	3637900.00	0.17431	481500.00	3637900.00	0.16485
481600.00	3637900.00	0.15607	481700.00	3637900.00	0.14772
478900.00	3638000.00	0.06742	479000.00	3638000.00	0.07075
479100.00	3638000.00	0.07587	479200.00	3638000.00	0.08334
479300.00	3638000.00	0.09366	479400.00	3638000.00	0.10711
479500.00	3638000.00	0.12301	479600.00	3638000.00	0.13847
479700.00	3638000.00	0.15007	479800.00	3638000.00	0.16090
479900.00	3638000.00	0.17998	480000.00	3638000.00	0.20587
480100.00	3638000.00	0.22481	480200.00	3638000.00	0.23113
480300.00	3638000.00	0.23247	480400.00	3638000.00	0.23512
480500.00	3638000.00	0.23533	480600.00	3638000.00	0.22831
480700.00	3638000.00	0.21666	480800.00	3638000.00	0.20540

480900.00	3638000.00	0.19645	481000.00	3638000.00	0.18901
481100.00	3638000.00	0.18163	481200.00	3638000.00	0.17361
481300.00	3638000.00	0.16514	481400.00	3638000.00	0.15683

CONC URBAN ELEV DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481500.00	3638000.00	0.14911	481600.00	3638000.00	0.14209
481700.00	3638000.00	0.13565	478900.00	3638100.00	0.05985
479000.00	3638100.00	0.06367	479100.00	3638100.00	0.06936
479200.00	3638100.00	0.07728	479300.00	3638100.00	0.08768
479400.00	3638100.00	0.10046	479500.00	3638100.00	0.11428
479600.00	3638100.00	0.12602	479700.00	3638100.00	0.13417
479800.00	3638100.00	0.14337	479900.00	3638100.00	0.15951
480000.00	3638100.00	0.17895	480100.00	3638100.00	0.19229
480200.00	3638100.00	0.19739	480300.00	3638100.00	0.19987
480400.00	3638100.00	0.20270	480500.00	3638100.00	0.20238
480600.00	3638100.00	0.19622	480700.00	3638100.00	0.18671
480800.00	3638100.00	0.17772	480900.00	3638100.00	0.17083
481000.00	3638100.00	0.16552	481100.00	3638100.00	0.16056
481200.00	3638100.00	0.15507	481300.00	3638100.00	0.14886
481400.00	3638100.00	0.14230	481500.00	3638100.00	0.13588
481600.00	3638100.00	0.12993	481700.00	3638100.00	0.12452
478900.00	3638200.00	0.05430	479000.00	3638200.00	0.05876
479100.00	3638200.00	0.06498	479200.00	3638200.00	0.07314
479300.00	3638200.00	0.08333	479400.00	3638200.00	0.09504
479500.00	3638200.00	0.10638	479600.00	3638200.00	0.11482
479700.00	3638200.00	0.12072	479800.00	3638200.00	0.12880
479900.00	3638200.00	0.14219	480000.00	3638200.00	0.15678
480100.00	3638200.00	0.16658	480200.00	3638200.00	0.17126
480300.00	3638200.00	0.17458	480400.00	3638200.00	0.17740
480500.00	3638200.00	0.17680	480600.00	3638200.00	0.17135
480700.00	3638200.00	0.16327	480800.00	3638200.00	0.15573
480900.00	3638200.00	0.15012	481000.00	3638200.00	0.14616
481100.00	3638200.00	0.14284	481200.00	3638200.00	0.13925
481300.00	3638200.00	0.13494	481400.00	3638200.00	0.12998
481500.00	3638200.00	0.12476	481600.00	3638200.00	0.11965
481700.00	3638200.00	0.11491			

CONC URBAN ELEV DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479700.00	3636250.00	6.30783c	(95102824)	479750.00	3636250.00	5.19208c	(95102824)
479800.00	3636250.00	4.45107c	(95030824)	479850.00	3636250.00	5.04181c	(95070524)
479900.00	3636250.00	5.15960c	(95070524)	479950.00	3636250.00	4.70771c	(95103124)
480000.00	3636250.00	8.48439c	(95022424)	480050.00	3636250.00	10.77352c	(95022424)
480100.00	3636250.00	9.48827c	(95022424)	480150.00	3636250.00	7.25610c	(95022424)
480200.00	3636250.00	6.15154c	(95052624)	480250.00	3636250.00	6.25040c	(95052624)
480300.00	3636250.00	6.33272c	(95022424)	480350.00	3636250.00	6.96450c	(95022424)
480400.00	3636250.00	7.58891c	(95022424)	480450.00	3636250.00	7.84506c	(95022424)
480500.00	3636250.00	7.41849c	(95022424)	480550.00	3636250.00	6.39072c	(95022424)
480600.00	3636250.00	6.37997c	(95022324)	480650.00	3636250.00	6.55552c	(95022324)
480700.00	3636250.00	6.55432c	(95022324)	480750.00	3636250.00	6.31648c	(95022324)
480800.00	3636250.00	5.93321c	(95022324)	480850.00	3636250.00	5.54666c	(95022324)
480900.00	3636250.00	5.24203c	(95022324)	479700.00	3636300.00	7.53564c	(95102824)
479750.00	3636300.00	7.05321c	(95102824)	479800.00	3636300.00	5.75568c	(95102824)
479850.00	3636300.00	5.51720c	(95070524)	479900.00	3636300.00	6.28821c	(95070524)
479950.00	3636300.00	5.81259c	(95070524)	480000.00	3636300.00	9.89588c	(95022424)
480050.00	3636300.00	13.11072c	(95022424)	480100.00	3636300.00	11.09275c	(95022424)
480150.00	3636300.00	8.44529c	(95022424)	480200.00	3636300.00	7.47053c	(95052624)
480250.00	3636300.00	7.22424c	(95022424)	480300.00	3636300.00	7.41690c	(95022424)
480350.00	3636300.00	7.89891c	(95022424)	480400.00	3636300.00	8.49428c	(95022424)
480450.00	3636300.00	8.73801c	(95022424)	480500.00	3636300.00	8.14875c	(95022424)
480550.00	3636300.00	6.97227c	(95022324)	480600.00	3636300.00	7.12735c	(95022324)
480650.00	3636300.00	7.19628c	(95022324)	480700.00	3636300.00	7.00624c	(95022324)
480750.00	3636300.00	6.58714c	(95022324)	480800.00	3636300.00	6.12586c	(95022324)
480850.00	3636300.00	5.76966c	(95022324)	480900.00	3636300.00	5.53251c	(95022324)
479700.00	3636350.00	8.29041c	(95102824)	479750.00	3636350.00	8.44568c	(95102824)
479800.00	3636350.00	8.05592c	(95102824)	479850.00	3636350.00	6.81510c	(95030824)
479900.00	3636350.00	7.39973c	(95070524)	479950.00	3636350.00	7.74452c	(95070524)
480000.00	3636350.00	11.74041c	(95022424)	480050.00	3636350.00	16.49675c	(95022424)
480100.00	3636350.00	13.34544c	(95022424)	480150.00	3636350.00	10.48281c	(95022424)
480200.00	3636350.00	9.45989c	(95022424)	480250.00	3636350.00	8.83628c	(95022324)
480300.00	3636350.00	9.50309c	(95022324)	480350.00	3636350.00	9.06250c	(95022324)
480400.00	3636350.00	9.38238c	(95022424)	480450.00	3636350.00	9.67380c	(95022424)
480500.00	3636350.00	8.91220c	(95022424)	480550.00	3636350.00	7.77943c	(95022324)
480600.00	3636350.00	7.86537c	(95022324)	480650.00	3636350.00	7.76582c	(95022324)
480700.00	3636350.00	7.35340c	(95022324)	480750.00	3636350.00	6.81470c	(95022324)
480800.00	3636350.00	6.39748c	(95022324)	480850.00	3636350.00	6.15437c	(95022324)

480900.00	3636350.00	5.98458c (95022324)	479700.00	3636400.00	8.58623c (95102824)
479750.00	3636400.00	9.30558c (95102824)	479800.00	3636400.00	9.63186c (95102824)
479850.00	3636400.00	9.50014c (95102824)	479900.00	3636400.00	8.53152c (95030824)

CONC URBAN ELEV DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479950.00	3636400.00	10.31528c	(95070524)	480000.00	3636400.00	14.29419c	(95022424)
480050.00	3636400.00	21.79042c	(95022424)	480100.00	3636400.00	17.08740c	(95022424)
480150.00	3636400.00	14.21326c	(95022424)	480200.00	3636400.00	12.02765c	(95022424)
480250.00	3636400.00	12.55422c	(95022324)	480300.00	3636400.00	11.45015c	(95022324)
480350.00	3636400.00	10.12630c	(95022324)	480400.00	3636400.00	10.27079c	(95022424)
480450.00	3636400.00	10.68548c	(95022424)	480500.00	3636400.00	9.74166c	(95022424)
480550.00	3636400.00	8.60944c	(95022324)	480600.00	3636400.00	8.56963c	(95022324)
480650.00	3636400.00	8.24765c	(95022324)	480700.00	3636400.00	7.65490c	(95022324)
480750.00	3636400.00	7.16187c	(95022324)	480800.00	3636400.00	6.92868c	(95022324)
480850.00	3636400.00	6.79658c	(95022324)	480900.00	3636400.00	6.58888c	(95022324)
479700.00	3636450.00	8.72384c	(95020224)	479750.00	3636450.00	9.63710c	(95102824)
479800.00	3636450.00	10.64988c	(95102824)	479850.00	3636450.00	11.30078c	(95102824)
479900.00	3636450.00	11.81176c	(95102824)	479950.00	3636450.00	12.66463c	(95070524)
480000.00	3636450.00	18.34145c	(95022424)	480050.00	3636450.00	31.60073c	(95022424)
480100.00	3636450.00	24.85192c	(95022424)	480150.00	3636450.00	19.88820c	(95022424)
480200.00	3636450.00	17.46327c	(95022324)	480250.00	3636450.00	14.75463c	(95022324)
480300.00	3636450.00	12.57438c	(95022324)	480350.00	3636450.00	11.26609c	(95022324)
480400.00	3636450.00	11.15777c	(95022424)	480450.00	3636450.00	11.80113c	(95022424)
480500.00	3636450.00	10.68241c	(95022424)	480550.00	3636450.00	9.41666c	(95022324)
480600.00	3636450.00	9.23550c	(95022324)	480650.00	3636450.00	8.70211c	(95022324)
480700.00	3636450.00	8.12340c	(95022324)	480750.00	3636450.00	7.91305c	(95022324)
480800.00	3636450.00	7.87331c	(95022324)	480850.00	3636450.00	7.66082c	(95022324)
480900.00	3636450.00	7.21912c	(95022324)	479700.00	3636500.00	9.90941c	(95020224)
479750.00	3636500.00	10.18738c	(95020224)	479800.00	3636500.00	11.01304c	(95102824)
479850.00	3636500.00	12.55814c	(95102824)	479900.00	3636500.00	13.96295c	(95102824)
479950.00	3636500.00	16.57232c	(95030824)	480250.00	3636500.00	16.65976c	(95022324)
480300.00	3636500.00	14.58522c	(95022324)	480350.00	3636500.00	13.52899c	(95022324)
480400.00	3636500.00	12.55063c	(95022324)	480450.00	3636500.00	13.05479c	(95022424)
480500.00	3636500.00	11.84019c	(95022424)	480550.00	3636500.00	10.18869c	(95022324)
480600.00	3636500.00	9.94270c	(95022324)	480650.00	3636500.00	9.37836c	(95022324)
480700.00	3636500.00	9.19578c	(95022324)	480750.00	3636500.00	9.33116c	(95022324)
480800.00	3636500.00	9.14069c	(95022324)	480850.00	3636500.00	8.49878c	(95022324)
480900.00	3636500.00	7.67913c	(95022324)	479700.00	3636550.00	10.63488c	(95112024)
479750.00	3636550.00	11.33640c	(95020224)	479800.00	3636550.00	12.08928c	(95020224)
479850.00	3636550.00	12.94123c	(95102824)	479900.00	3636550.00	15.57588c	(95102824)
479950.00	3636550.00	22.87659c	(95122524)	480450.00	3636550.00	14.59635c	(95022424)
480500.00	3636550.00	13.48227c	(95022424)	480550.00	3636550.00	11.08454c	(95022324)

480600.00	3636550.00	11.10380c (95031824)	480650.00	3636550.00	10.94674c (95022324)
480700.00	3636550.00	11.37431c (95022324)	480750.00	3636550.00	11.22996c (95022324)
480800.00	3636550.00	10.23931c (95022324)	480850.00	3636550.00	8.98037c (95022324)

CONC URBAN ELEV DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
480900.00	3636550.00	7.90499c	(95052024)	479700.00	3636600.00	11.16526c	(95112024)
479750.00	3636600.00	12.10014c	(95112024)	479800.00	3636600.00	13.10189c	(95112024)
479850.00	3636600.00	14.57809c	(95020224)	479900.00	3636600.00	17.91641c	(95122524)
479950.00	3636600.00	27.72566c	(95122524)	480700.00	3636600.00	14.29846c	(95022324)
480750.00	3636600.00	12.62240c	(95022324)	480800.00	3636600.00	10.63434c	(95022324)
480850.00	3636600.00	9.19093c	(95052024)	480900.00	3636600.00	8.49246c	(95052024)
479700.00	3636650.00	11.03689c	(95112024)	479750.00	3636650.00	12.53227c	(95112024)
479800.00	3636650.00	13.95027c	(95112024)	479850.00	3636650.00	16.28800c	(95122524)
479900.00	3636650.00	21.30049c	(95122524)	479950.00	3636650.00	32.26334c	(95122524)
480700.00	3636650.00	15.89389c	(95022324)	480750.00	3636650.00	12.74120c	(95022324)
480800.00	3636650.00	10.76156c	(95052024)	480850.00	3636650.00	9.68537c	(95052024)
480900.00	3636650.00	8.89060c	(95052024)	479700.00	3636700.00	12.00360c	(95122524)
479750.00	3636700.00	13.46636c	(95122524)	479800.00	3636700.00	15.49635c	(95122524)
479850.00	3636700.00	18.62601c	(95122524)	479900.00	3636700.00	24.09797c	(95122524)
479950.00	3636700.00	36.19236c	(95122524)	480700.00	3636700.00	15.61206c	(95022324)
480750.00	3636700.00	12.76340c	(95022324)	480800.00	3636700.00	11.18766c	(95022324)
480850.00	3636700.00	10.16777c	(95052024)	480900.00	3636700.00	9.40652c	(95052024)
479700.00	3636750.00	13.13306c	(95122524)	479750.00	3636750.00	15.10530c	(95122524)
479800.00	3636750.00	17.55838c	(95122524)	479850.00	3636750.00	21.11717c	(95122524)
479900.00	3636750.00	27.13252c	(95122524)	479950.00	3636750.00	40.09603c	(95122524)
480700.00	3636750.00	16.62388c	(95022324)	480750.00	3636750.00	14.42675c	(95022324)
480800.00	3636750.00	12.70063c	(95022324)	480850.00	3636750.00	11.04434c	(95052024)
480900.00	3636750.00	9.96519c	(95052024)	479700.00	3636800.00	12.87673c	(95122524)
479750.00	3636800.00	15.70201c	(95122524)	479800.00	3636800.00	18.93408c	(95122524)
479850.00	3636800.00	23.07430c	(95122524)	479900.00	3636800.00	29.60253c	(95122524)
479950.00	3636800.00	43.17026c	(95122524)	480700.00	3636800.00	19.25928c	(95022324)
480750.00	3636800.00	16.60520c	(95022324)	480800.00	3636800.00	13.39731c	(95052024)
480850.00	3636800.00	11.84632c	(95052024)	480900.00	3636800.00	9.88318c	(95052024)
479700.00	3636850.00	10.79324c	(95122524)	479750.00	3636850.00	13.98700c	(95122524)
479800.00	3636850.00	18.30906c	(95122524)	479850.00	3636850.00	23.78152c	(95122524)
479900.00	3636850.00	31.26018c	(95122524)	479950.00	3636850.00	45.46036c	(95122524)
480700.00	3636850.00	21.49415c	(95022324)	480750.00	3636850.00	17.60054c	(95052024)
480800.00	3636850.00	14.77868c	(95052024)	480850.00	3636850.00	11.49539c	(95052024)
480900.00	3636850.00	8.60814c	(95052024)	479700.00	3636900.00	9.85213c	(95012924)
479750.00	3636900.00	12.11902c	(95010624)	479800.00	3636900.00	15.17018c	(95010624)
479850.00	3636900.00	20.36811c	(95122524)	479900.00	3636900.00	30.13213c	(95122524)
479950.00	3636900.00	46.59239c	(95122524)	480650.00	3636900.00	30.04416c	(95022324)

480700.00	3636900.00	26.34616c (95052024)	480750.00	3636900.00	20.16661c (95052024)
480800.00	3636900.00	14.04837c (95052024)	480850.00	3636900.00	9.58591c (95052024)
480900.00	3636900.00	7.77517c (95112024)	479700.00	3636950.00	11.12624c (95010624)

CONC URBAN ELEV DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479750.00	3636950.00	13.31158c	(95010624)	479800.00	3636950.00	16.26696c	(95010624)
479850.00	3636950.00	20.61946c	(95010624)	479900.00	3636950.00	27.79657c	(95010624)
479950.00	3636950.00	42.51851c	(95010624)	480650.00	3636950.00	43.96755c	(95052024)
480700.00	3636950.00	28.00726c	(95052024)	480750.00	3636950.00	17.15884c	(95052024)
480800.00	3636950.00	11.02318c	(95081824)	480850.00	3636950.00	8.65755c	(95081824)
480900.00	3636950.00	7.32094c	(95101824)	479700.00	3637000.00	12.03624c	(95010624)
479750.00	3637000.00	14.24183c	(95010624)	479800.00	3637000.00	17.29351c	(95010624)
479850.00	3637000.00	21.75331c	(95010624)	479900.00	3637000.00	28.76028c	(95010624)
479950.00	3637000.00	40.09281c	(95010624)	480650.00	3637000.00	38.32847c	(95052024)
480700.00	3637000.00	22.75823c	(95101824)	480750.00	3637000.00	17.08700c	(95101824)
480800.00	3637000.00	13.21411c	(95101824)	480850.00	3637000.00	10.42947c	(95101824)
480900.00	3637000.00	8.40478c	(95101824)	479700.00	3637050.00	12.60154c	(95010624)
479750.00	3637050.00	14.61302c	(95010624)	479800.00	3637050.00	17.02720c	(95010624)
479850.00	3637050.00	19.64831c	(95010624)	479900.00	3637050.00	22.74190c	(95010624)
479950.00	3637050.00	28.43422c	(95010624)	480000.00	3637050.00	37.19789c	(95021624)
480050.00	3637050.00	57.68454c	(95030424)	480100.00	3637050.00	76.63254c	(95030424)
480650.00	3637050.00	41.14478c	(95052324)	480700.00	3637050.00	23.51410c	(95052324)
480750.00	3637050.00	16.50867c	(95040824)	480800.00	3637050.00	12.52390c	(95040824)
480850.00	3637050.00	9.97709c	(95040824)	480900.00	3637050.00	8.23682c	(95040824)
479700.00	3637100.00	12.11803c	(95010624)	479750.00	3637100.00	13.32315c	(95010624)
479800.00	3637100.00	14.67182c	(95010624)	479850.00	3637100.00	16.49610c	(95010624)
479900.00	3637100.00	18.76739c	(95010624)	479950.00	3637100.00	24.01479c	(95021624)
480000.00	3637100.00	26.84225c	(95021624)	480050.00	3637100.00	37.24847c	(95030424)
480100.00	3637100.00	44.51222c	(95030424)	480150.00	3637100.00	45.27788c	(95030424)
480200.00	3637100.00	48.11946c	(95010624)	480650.00	3637100.00	42.54562c	(95052324)
480700.00	3637100.00	27.03255c	(95052324)	480750.00	3637100.00	18.65702c	(95052324)
480800.00	3637100.00	13.87462c	(95052324)	480850.00	3637100.00	10.94212c	(95052324)
480900.00	3637100.00	8.94417c	(95052324)	479700.00	3637150.00	10.82437c	(95010624)
479750.00	3637150.00	11.67304c	(95010624)	479800.00	3637150.00	12.74126c	(95010624)
479850.00	3637150.00	14.01255c	(95010624)	479900.00	3637150.00	15.55861c	(95021624)
479950.00	3637150.00	20.40296c	(95021624)	480000.00	3637150.00	21.97718c	(95110824)
480050.00	3637150.00	27.18203c	(95030424)	480100.00	3637150.00	33.22876c	(95030424)
480150.00	3637150.00	35.68018c	(95030424)	480200.00	3637150.00	33.03199c	(95030424)
480250.00	3637150.00	34.30566c	(95030424)	480300.00	3637150.00	43.50381c	(95030424)
480350.00	3637150.00	44.45825c	(95030424)	480400.00	3637150.00	43.41190c	(95030424)
480450.00	3637150.00	41.45288c	(95030424)	480500.00	3637150.00	40.51953c	(95052424)
480550.00	3637150.00	40.03135c	(95052424)	480600.00	3637150.00	33.59126c	(95052424)

480650.00	3637150.00	29.02342c (95052324)	480700.00	3637150.00	23.83096c (95052324)
480750.00	3637150.00	18.40927c (95052324)	480800.00	3637150.00	14.21005c (95052324)
480850.00	3637150.00	11.24485c (95052324)	480900.00	3637150.00	9.18445c (95052324)

CONC URBAN ELEV DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479700.00	3637200.00	9.76265c	(95010624)	479750.00	3637200.00	10.60638c	(95010624)
479800.00	3637200.00	11.73331c	(95010624)	479850.00	3637200.00	13.20450c	(95010624)
479900.00	3637200.00	14.88642c	(95010624)	479950.00	3637200.00	17.14746c	(95021624)
480000.00	3637200.00	18.57306c	(95110824)	480050.00	3637200.00	22.37563c	(95030424)
480100.00	3637200.00	26.95048c	(95030424)	480150.00	3637200.00	28.13665c	(95030424)
480200.00	3637200.00	26.06152c	(95030424)	480250.00	3637200.00	25.99394c	(95030424)
480300.00	3637200.00	28.97106c	(95030424)	480350.00	3637200.00	29.31968c	(95030424)
480400.00	3637200.00	28.01387c	(95030424)	480450.00	3637200.00	26.18145c	(95030424)
480500.00	3637200.00	27.09925c	(95052424)	480550.00	3637200.00	27.38235c	(95052424)
480600.00	3637200.00	23.80106c	(95052424)	480650.00	3637200.00	19.81867c	(95052324)
480700.00	3637200.00	18.55565c	(95052324)	480750.00	3637200.00	16.17737c	(95052324)
480800.00	3637200.00	13.58376c	(95052324)	480850.00	3637200.00	11.21338c	(95052324)
480900.00	3637200.00	9.27789c	(95052324)	479700.00	3637250.00	9.22789c	(95010624)
479750.00	3637250.00	10.15494c	(95010624)	479800.00	3637250.00	11.21656c	(95010624)
479850.00	3637250.00	12.17540c	(95010624)	479900.00	3637250.00	13.61693c	(95021624)
479950.00	3637250.00	15.39117c	(95110824)	480000.00	3637250.00	15.71860c	(95110824)
480050.00	3637250.00	18.96524c	(95030424)	480100.00	3637250.00	21.80068c	(95030424)
480150.00	3637250.00	22.35238c	(95030424)	480200.00	3637250.00	21.03165c	(95030424)
480250.00	3637250.00	20.60978c	(95030424)	480300.00	3637250.00	21.36667c	(95030424)
480350.00	3637250.00	21.09719c	(95030424)	480400.00	3637250.00	20.26067c	(95030424)
480450.00	3637250.00	19.18621c	(95030424)	480500.00	3637250.00	19.47626c	(95052424)
480550.00	3637250.00	20.03835c	(95052424)	480600.00	3637250.00	17.97701c	(95052424)
480650.00	3637250.00	14.82232c	(95052424)	480700.00	3637250.00	14.17315c	(95052324)
480750.00	3637250.00	13.32421c	(95052324)	480800.00	3637250.00	12.01395c	(95052324)
480850.00	3637250.00	10.55670c	(95052324)	480900.00	3637250.00	9.10945c	(95052324)
479700.00	3637300.00	8.62661c	(95010624)	479750.00	3637300.00	9.18914c	(95010624)
479800.00	3637300.00	9.53435c	(95010624)	479850.00	3637300.00	10.31069c	(95021624)
479900.00	3637300.00	12.35713c	(95021624)	479950.00	3637300.00	13.79546c	(95110824)
480000.00	3637300.00	13.25625c	(95110824)	480050.00	3637300.00	15.92567c	(95030424)
480100.00	3637300.00	17.75544c	(95030424)	480150.00	3637300.00	18.06734c	(95030424)
480200.00	3637300.00	17.10948c	(95030424)	480250.00	3637300.00	16.61062c	(95030424)
480300.00	3637300.00	16.66913c	(95030424)	480350.00	3637300.00	16.36845c	(95030424)
480400.00	3637300.00	15.92849c	(95030424)	480450.00	3637300.00	15.19350c	(95030424)
480500.00	3637300.00	14.58478c	(95052424)	480550.00	3637300.00	15.18848c	(95052424)
480600.00	3637300.00	13.99842c	(95052424)	480650.00	3637300.00	11.97136c	(95052424)
480700.00	3637300.00	10.93473c	(95052424)	480750.00	3637300.00	10.70657c	(95052324)
480800.00	3637300.00	10.16965c	(95052324)	480850.00	3637300.00	9.38900c	(95052324)

480900.00	3637300.00	8.49628c (95052324)	479700.00	3637350.00	7.29345c (95010624)
479750.00	3637350.00	7.28215c (95010624)	479800.00	3637350.00	7.71395c (95021624)
479850.00	3637350.00	9.94335c (95021624)	479900.00	3637350.00	11.13048c (95021624)

CONC URBAN ELEV DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479950.00	3637350.00	12.28908c	(95110824)	480000.00	3637350.00	11.35845c	(95030424)
480050.00	3637350.00	13.35126c	(95030424)	480100.00	3637350.00	14.63558c	(95030424)
480150.00	3637350.00	14.76637c	(95030424)	480200.00	3637350.00	14.05932c	(95030424)
480250.00	3637350.00	13.64823c	(95030424)	480300.00	3637350.00	13.61605c	(95030424)
480350.00	3637350.00	13.47075c	(95030424)	480400.00	3637350.00	13.17757c	(95030424)
480450.00	3637350.00	12.56089c	(95030424)	480500.00	3637350.00	11.45762c	(95030424)
480550.00	3637350.00	11.78319c	(95052424)	480600.00	3637350.00	11.11156c	(95052424)
480650.00	3637350.00	9.79800c	(95052424)	480700.00	3637350.00	8.98314c	(95052424)
480750.00	3637350.00	8.68743c	(95052424)	480800.00	3637350.00	8.39701c	(95052324)
480850.00	3637350.00	8.06170c	(95052324)	480900.00	3637350.00	7.57790c	(95052324)
479700.00	3637400.00	5.49889c	(95010624)	479750.00	3637400.00	5.77831c	(95021624)
479800.00	3637400.00	7.73480c	(95021624)	479850.00	3637400.00	9.45083c	(95021624)
479900.00	3637400.00	10.50039c	(95110824)	479950.00	3637400.00	10.86252c	(95110824)
480000.00	3637400.00	9.77081c	(95030424)	480050.00	3637400.00	11.25730c	(95030424)
480100.00	3637400.00	12.18605c	(95030424)	480150.00	3637400.00	12.22687c	(95030424)
480200.00	3637400.00	11.74545c	(95030424)	480250.00	3637400.00	11.49071c	(95030424)
480300.00	3637400.00	11.51772c	(95030424)	480350.00	3637400.00	11.48373c	(95030424)
480400.00	3637400.00	11.23775c	(95030424)	480450.00	3637400.00	10.70346c	(95030424)
480500.00	3637400.00	9.78635c	(95030424)	480550.00	3637400.00	9.30694c	(95052424)
480600.00	3637400.00	8.93033c	(95052424)	480650.00	3637400.00	8.07868c	(95052424)
480700.00	3637400.00	7.46159c	(95052424)	480750.00	3637400.00	7.25451c	(95052424)
480800.00	3637400.00	7.15368c	(95052424)	480850.00	3637400.00	6.91074c	(95052424)
480900.00	3637400.00	6.56157c	(95052324)	478900.00	3635500.00	2.73306c	(95102824)
479000.00	3635500.00	2.40816c	(95102824)	479100.00	3635500.00	1.82130c	(95102824)
479200.00	3635500.00	1.28664c	(95030824)	479300.00	3635500.00	1.11546c	(95030824)
479400.00	3635500.00	1.11055c	(95070524)	479500.00	3635500.00	1.24067c	(95070524)
479600.00	3635500.00	1.23197c	(95070524)	479700.00	3635500.00	1.12969c	(95070524)
479800.00	3635500.00	1.00238c	(95103124)	479900.00	3635500.00	1.56923c	(95103124)
480000.00	3635500.00	2.26409c	(95022424)	480100.00	3635500.00	2.54950c	(95022424)
480200.00	3635500.00	2.37842c	(95022424)	480300.00	3635500.00	2.07410c	(95022424)
480400.00	3635500.00	1.84650c	(95022424)	480500.00	3635500.00	1.65119c	(95022424)
480600.00	3635500.00	1.55024c	(95111424)	480700.00	3635500.00	1.64103c	(95111424)
480800.00	3635500.00	1.71059	(95083124)	480900.00	3635500.00	1.79073	(95083124)
481000.00	3635500.00	1.82833	(95083124)	481100.00	3635500.00	1.80273	(95083124)
481200.00	3635500.00	1.70088	(95083124)	481300.00	3635500.00	1.78685c	(95022324)
481400.00	3635500.00	1.86841c	(95022324)	481500.00	3635500.00	1.93279c	(95022324)
481600.00	3635500.00	1.98062c	(95022324)	481700.00	3635500.00	2.00198c	(95022324)

478900.00	3635600.00	2.93243c (95102824)	479000.00	3635600.00	2.98240c (95102824)
479100.00	3635600.00	2.59237c (95102824)	479200.00	3635600.00	1.90626c (95102824)
479300.00	3635600.00	1.40700c (95030824)	479400.00	3635600.00	1.22268c (95111824)

CONC URBAN ELEV DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479500.00	3635600.00	1.34589c	(95070524)	479600.00	3635600.00	1.41487c	(95070524)
479700.00	3635600.00	1.33132c	(95070524)	479800.00	3635600.00	1.18149c	(95070524)
479900.00	3635600.00	1.70403c	(95103124)	480000.00	3635600.00	2.53696c	(95022424)
480100.00	3635600.00	2.85619c	(95022424)	480200.00	3635600.00	2.59331c	(95022424)
480300.00	3635600.00	2.23203c	(95022424)	480400.00	3635600.00	2.03585c	(95022424)
480500.00	3635600.00	1.88231c	(95022424)	480600.00	3635600.00	1.78273c	(95111424)
480700.00	3635600.00	1.82963c	(95031824)	480800.00	3635600.00	1.83634c	(95031824)
480900.00	3635600.00	1.88805	(95083124)	481000.00	3635600.00	1.90619	(95083124)
481100.00	3635600.00	1.93632c	(95022324)	481200.00	3635600.00	2.06784c	(95022324)
481300.00	3635600.00	2.13497c	(95022324)	481400.00	3635600.00	2.17259c	(95022324)
481500.00	3635600.00	2.19599c	(95022324)	481600.00	3635600.00	2.19884c	(95022324)
481700.00	3635600.00	2.16296c	(95022324)	478900.00	3635700.00	2.71656c	(95102824)
479000.00	3635700.00	3.22245c	(95102824)	479100.00	3635700.00	3.27610c	(95102824)
479200.00	3635700.00	2.80352c	(95102824)	479300.00	3635700.00	1.99544c	(95102824)
479400.00	3635700.00	1.53919c	(95030824)	479500.00	3635700.00	1.40816c	(95070524)
479600.00	3635700.00	1.60659c	(95070524)	479700.00	3635700.00	1.57613c	(95070524)
479800.00	3635700.00	1.41479c	(95070524)	479900.00	3635700.00	1.85563c	(95103124)
480000.00	3635700.00	2.87876c	(95022424)	480100.00	3635700.00	3.23938c	(95022424)
480200.00	3635700.00	2.83851c	(95022424)	480300.00	3635700.00	2.41384c	(95022424)
480400.00	3635700.00	2.28480c	(95022424)	480500.00	3635700.00	2.20182c	(95022424)
480600.00	3635700.00	2.01307c	(95031824)	480700.00	3635700.00	2.07258c	(95031824)
480800.00	3635700.00	2.01171c	(95031824)	480900.00	3635700.00	1.99261	(95083124)
481000.00	3635700.00	2.24528c	(95022324)	481100.00	3635700.00	2.41856c	(95022324)
481200.00	3635700.00	2.47131c	(95022324)	481300.00	3635700.00	2.46844c	(95022324)
481400.00	3635700.00	2.45312c	(95022324)	481500.00	3635700.00	2.42843c	(95022324)
481600.00	3635700.00	2.37276c	(95022324)	481700.00	3635700.00	2.26342c	(95022324)
478900.00	3635800.00	2.54630c	(95020224)	479000.00	3635800.00	2.96690c	(95102824)
479100.00	3635800.00	3.56863c	(95102824)	479200.00	3635800.00	3.62877c	(95102824)
479300.00	3635800.00	3.04849c	(95102824)	479400.00	3635800.00	2.08652c	(95102824)
479500.00	3635800.00	1.67781c	(95030824)	479600.00	3635800.00	1.77910c	(95070524)
479700.00	3635800.00	1.87175c	(95070524)	479800.00	3635800.00	1.71132c	(95070524)
479900.00	3635800.00	2.02168c	(95103124)	480000.00	3635800.00	3.31629c	(95022424)
480100.00	3635800.00	3.72834c	(95022424)	480200.00	3635800.00	3.11858c	(95022424)
480300.00	3635800.00	2.63293c	(95022424)	480400.00	3635800.00	2.63142c	(95022424)
480500.00	3635800.00	2.65524c	(95022424)	480600.00	3635800.00	2.41437c	(95022424)
480700.00	3635800.00	2.30337c	(95031824)	480800.00	3635800.00	2.19147c	(95031824)
480900.00	3635800.00	2.60275c	(95022324)	481000.00	3635800.00	2.85385c	(95022324)

481100.00	3635800.00	2.89866c (95022324)	481200.00	3635800.00	2.83802c (95022324)
481300.00	3635800.00	2.76445c (95022324)	481400.00	3635800.00	2.70060c (95022324)
481500.00	3635800.00	2.61820c (95022324)	481600.00	3635800.00	2.48305c (95022324)

CONC URBAN ELEV DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
481700.00	3635800.00	2.27825c	(95022324)	478900.00	3635900.00	3.48811c	(95020224)
479000.00	3635900.00	3.08002c	(95020224)	479100.00	3635900.00	3.26336c	(95102824)
479200.00	3635900.00	3.98623c	(95102824)	479300.00	3635900.00	4.05792c	(95102824)
479400.00	3635900.00	3.33944c	(95102824)	479500.00	3635900.00	2.22168c	(95030824)
479600.00	3635900.00	1.87618c	(95070524)	479700.00	3635900.00	2.20958c	(95070524)
479800.00	3635900.00	2.10628c	(95070524)	479900.00	3635900.00	2.19148c	(95103124)
480000.00	3635900.00	3.89102c	(95022424)	480100.00	3635900.00	4.37069c	(95022424)
480200.00	3635900.00	3.44460c	(95022424)	480300.00	3635900.00	2.91906c	(95022424)
480400.00	3635900.00	3.14094c	(95022424)	480500.00	3635900.00	3.30121c	(95022424)
480600.00	3635900.00	2.97036c	(95022424)	480700.00	3635900.00	2.52805c	(95031824)
480800.00	3635900.00	3.00634c	(95022324)	480900.00	3635900.00	3.38640c	(95022324)
481000.00	3635900.00	3.44379c	(95022324)	481100.00	3635900.00	3.30812c	(95022324)
481200.00	3635900.00	3.14863c	(95022324)	481300.00	3635900.00	3.02725c	(95022324)
481400.00	3635900.00	2.91052c	(95022324)	481500.00	3635900.00	2.74379c	(95022324)
481600.00	3635900.00	2.49816c	(95022324)	481700.00	3635900.00	2.30399c	(95052024)
478900.00	3636000.00	3.94210c	(95020224)	479000.00	3636000.00	4.03068c	(95020224)
479100.00	3636000.00	3.72047c	(95020224)	479200.00	3636000.00	3.61893c	(95102824)
479300.00	3636000.00	4.49985c	(95102824)	479400.00	3636000.00	4.59351c	(95102824)
479500.00	3636000.00	3.69259c	(95102824)	479600.00	3636000.00	2.56094c	(95030824)
479700.00	3636000.00	2.52919c	(95070524)	479800.00	3636000.00	2.64952c	(95070524)
479900.00	3636000.00	2.34001c	(95103124)	480000.00	3636000.00	4.66907c	(95022424)
480100.00	3636000.00	5.23991c	(95022424)	480200.00	3636000.00	3.83867c	(95022424)
480300.00	3636000.00	3.40920c	(95052624)	480400.00	3636000.00	3.91878c	(95022424)
480500.00	3636000.00	4.19645c	(95022424)	480600.00	3636000.00	3.63095c	(95022424)
480700.00	3636000.00	3.47447c	(95022324)	480800.00	3636000.00	4.02059c	(95022324)
480900.00	3636000.00	4.13537c	(95022324)	481000.00	3636000.00	3.91166c	(95022324)
481100.00	3636000.00	3.62963c	(95022324)	481200.00	3636000.00	3.42681c	(95022324)
481300.00	3636000.00	3.26636c	(95022324)	481400.00	3636000.00	3.06162c	(95022324)
481500.00	3636000.00	2.76447c	(95022324)	481600.00	3636000.00	2.62049c	(95052024)
481700.00	3636000.00	2.52281c	(95052024)	478900.00	3636100.00	4.11602c	(95112024)
479000.00	3636100.00	4.44037c	(95112024)	479100.00	3636100.00	4.61453c	(95020224)
479200.00	3636100.00	4.47206c	(95020224)	479300.00	3636100.00	4.05500c	(95102824)
479400.00	3636100.00	5.13985c	(95102824)	479500.00	3636100.00	5.28287c	(95102824)
479600.00	3636100.00	4.14382c	(95102824)	479700.00	3636100.00	2.95172c	(95030824)
479800.00	3636100.00	3.36090c	(95070524)	479900.00	3636100.00	2.98937c	(95070524)
480000.00	3636100.00	5.76359c	(95022424)	480100.00	3636100.00	6.46060c	(95022424)
480200.00	3636100.00	4.36877c	(95022424)	480300.00	3636100.00	4.39686c	(95052624)

480400.00	3636100.00	5.09082c (95022424)	480500.00	3636100.00	5.35383c (95022424)
480600.00	3636100.00	4.32868c (95022424)	480700.00	3636100.00	4.75324c (95022324)
480800.00	3636100.00	4.99432c (95022324)	480900.00	3636100.00	4.69217c (95022324)

CONC URBAN ELEV DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
481000.00	3636100.00	4.24615c	(95022324)	481100.00	3636100.00	3.93308c	(95022324)
481200.00	3636100.00	3.71590c	(95022324)	481300.00	3636100.00	3.46269c	(95022324)
481400.00	3636100.00	3.09634c	(95022324)	481500.00	3636100.00	3.00122c	(95052024)
481600.00	3636100.00	2.85030c	(95052024)	481700.00	3636100.00	2.64165c	(95052024)
478900.00	3636200.00	3.44669c	(95112024)	479000.00	3636200.00	4.33120c	(95112024)
479100.00	3636200.00	4.96375c	(95112024)	479200.00	3636200.00	5.22681c	(95020224)
479300.00	3636200.00	5.33696c	(95020224)	479400.00	3636200.00	4.88893c	(95020224)
479500.00	3636200.00	5.95900c	(95102824)	479600.00	3636200.00	6.21002c	(95102824)
479700.00	3636200.00	4.76580c	(95102824)	479800.00	3636200.00	4.05569c	(95070524)
479900.00	3636200.00	4.22741c	(95070524)	480000.00	3636200.00	7.37552c	(95022424)
480100.00	3636200.00	8.25195c	(95022424)	480200.00	3636200.00	5.28071c	(95022424)
480300.00	3636200.00	5.56934c	(95052624)	480400.00	3636200.00	6.68996c	(95022424)
480500.00	3636200.00	6.70561c	(95022424)	480600.00	3636200.00	5.62592c	(95022324)
480700.00	3636200.00	6.00860c	(95022324)	480800.00	3636200.00	5.70425c	(95022324)
480900.00	3636200.00	5.05052c	(95022324)	481000.00	3636200.00	4.60026c	(95022324)
481100.00	3636200.00	4.31560c	(95022324)	481200.00	3636200.00	3.99200c	(95022324)
481300.00	3636200.00	3.60821c	(95052024)	481400.00	3636200.00	3.47310c	(95052024)
481500.00	3636200.00	3.24676c	(95052024)	481600.00	3636200.00	2.95343c	(95052024)
481700.00	3636200.00	2.62235c	(95052024)	478900.00	3636300.00	2.72901c	(95122524)
479000.00	3636300.00	3.21685c	(95112024)	479100.00	3636300.00	4.40573c	(95112024)
479200.00	3636300.00	5.43404c	(95112024)	479300.00	3636300.00	6.02532c	(95112024)
479400.00	3636300.00	6.32404c	(95020224)	479500.00	3636300.00	6.14220c	(95020224)
479600.00	3636300.00	7.04664c	(95102824)	481000.00	3636300.00	5.18376c	(95022324)
481100.00	3636300.00	4.73593c	(95022324)	481200.00	3636300.00	4.30090c	(95052024)
481300.00	3636300.00	4.07726c	(95052024)	481400.00	3636300.00	3.73662c	(95052024)
481500.00	3636300.00	3.32228c	(95052024)	481600.00	3636300.00	2.87661c	(95052024)
481700.00	3636300.00	2.43785c	(95052024)	478900.00	3636400.00	3.23767c	(95122724)
479000.00	3636400.00	3.27966c	(95122724)	479100.00	3636400.00	3.43478c	(95122524)
479200.00	3636400.00	4.26937c	(95112024)	479300.00	3636400.00	5.79734c	(95112024)
479400.00	3636400.00	6.92890c	(95112024)	479500.00	3636400.00	7.48934c	(95020224)
479600.00	3636400.00	7.71686c	(95020224)	481000.00	3636400.00	5.86415c	(95022324)
481100.00	3636400.00	5.25226c	(95052024)	481200.00	3636400.00	4.86890c	(95052024)
481300.00	3636400.00	4.34945c	(95052024)	481400.00	3636400.00	3.75852c	(95052024)
481500.00	3636400.00	3.15709c	(95052024)	481600.00	3636400.00	2.59424c	(95052024)
481700.00	3636400.00	2.10199c	(95052024)	478900.00	3636500.00	3.26659c	(95122724)
479000.00	3636500.00	3.65353c	(95122724)	479100.00	3636500.00	3.93646c	(95122724)

479200.00	3636500.00	4.22035c (95122524)	479300.00	3636500.00	4.62131c (95122524)
479400.00	3636500.00	5.95381c (95112024)	479500.00	3636500.00	7.87062c (95112024)
479600.00	3636500.00	9.05935c (95112024)	481000.00	3636500.00	6.59809c (95052024)
481100.00	3636500.00	5.91195c (95052024)	481200.00	3636500.00	5.11920c (95052024)

CONC URBAN ELEV DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
481300.00	3636500.00	4.27520c	(95052024)	481400.00	3636500.00	3.45697c	(95052024)
481500.00	3636500.00	2.73421c	(95052024)	481600.00	3636500.00	2.14308c	(95052024)
481700.00	3636500.00	1.77568c	(95051924)	478900.00	3636600.00	2.37108c	(95122724)
479000.00	3636600.00	3.00603c	(95122724)	479100.00	3636600.00	3.69674c	(95122724)
479200.00	3636600.00	4.36254c	(95122724)	479300.00	3636600.00	5.02854c	(95122524)
479400.00	3636600.00	6.03025c	(95122524)	479500.00	3636600.00	6.88630c	(95122524)
479600.00	3636600.00	8.82114c	(95112024)	481000.00	3636600.00	7.30115c	(95052024)
481100.00	3636600.00	6.12999c	(95052024)	481200.00	3636600.00	4.89823c	(95052024)
481300.00	3636600.00	3.75641c	(95052024)	481400.00	3636600.00	2.82669c	(95052024)
481500.00	3636600.00	2.22889c	(95022524)	481600.00	3636600.00	1.99572c	(95081824)
481700.00	3636600.00	1.81038c	(95081824)	478900.00	3636700.00	2.20891c	(95112824)
479000.00	3636700.00	2.40291c	(95112824)	479100.00	3636700.00	2.59998c	(95012224)
479200.00	3636700.00	3.09935c	(95122524)	479300.00	3636700.00	4.13278c	(95122724)
479400.00	3636700.00	5.59473c	(95122524)	479500.00	3636700.00	7.53844c	(95122524)
479600.00	3636700.00	9.70463c	(95122524)	481000.00	3636700.00	7.62410c	(95052024)
481100.00	3636700.00	5.63666c	(95052024)	481200.00	3636700.00	3.97320c	(95052024)
481300.00	3636700.00	2.96751c	(95022524)	481400.00	3636700.00	2.56421c	(95081824)
481500.00	3636700.00	2.24759c	(95081824)	481600.00	3636700.00	1.96330c	(95081824)
481700.00	3636700.00	1.79790c	(95031924)	478900.00	3636800.00	2.44956c	(95112324)
479000.00	3636800.00	2.68654c	(95112324)	479100.00	3636800.00	2.96434c	(95112324)
479200.00	3636800.00	3.29803c	(95112324)	479300.00	3636800.00	3.71176c	(95112324)
479400.00	3636800.00	4.37796c	(95012224)	479500.00	3636800.00	5.74525c	(95122524)
479600.00	3636800.00	8.45045c	(95122524)	481000.00	3636800.00	6.24513c	(95052024)
481100.00	3636800.00	4.21469c	(95022524)	481200.00	3636800.00	3.44670c	(95081824)
481300.00	3636800.00	2.86561c	(95081824)	481400.00	3636800.00	2.57359c	(95031924)
481500.00	3636800.00	2.31418c	(95031924)	481600.00	3636800.00	2.08027c	(95031924)
481700.00	3636800.00	1.87254c	(95031924)	478900.00	3636900.00	3.32828c	(95112324)
479000.00	3636900.00	3.61989c	(95112324)	479100.00	3636900.00	3.95649c	(95112324)
479200.00	3636900.00	4.35180c	(95112324)	479300.00	3636900.00	4.82144c	(95112324)
479400.00	3636900.00	5.39088c	(95112324)	479500.00	3636900.00	6.10045c	(95112324)
479600.00	3636900.00	7.29668c	(95012924)	481000.00	3636900.00	5.47565c	(95112024)
481100.00	3636900.00	4.15205c	(95031924)	481200.00	3636900.00	3.51248c	(95101824)
481300.00	3636900.00	3.01682c	(95101824)	481400.00	3636900.00	2.64825c	(95020524)
481500.00	3636900.00	2.45186c	(95020524)	481600.00	3636900.00	2.28026c	(95020524)
481700.00	3636900.00	2.12838c	(95020524)	478900.00	3637000.00	3.88676c	(95112324)
479000.00	3637000.00	4.19599c	(95112324)	479100.00	3637000.00	4.55190c	(95112324)

479200.00	3637000.00	4.96723c (95112324)	479300.00	3637000.00	5.46686c (95112324)
479400.00	3637000.00	6.07916c (95112324)	479500.00	3637000.00	7.03622c (95112924)
479600.00	3637000.00	8.99610c (95010624)	481000.00	3637000.00	5.83646c (95040824)
481100.00	3637000.00	4.60194c (95040824)	481200.00	3637000.00	3.73124c (95040824)

CONC URBAN ELEV DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
481300.00	3637000.00	3.40242c	(95020524)	481400.00	3637000.00	3.18705c	(95020524)
481500.00	3637000.00	2.98751c	(95020524)	481600.00	3637000.00	2.80245c	(95020524)
481700.00	3637000.00	2.63065c	(95020524)	478900.00	3637100.00	3.68628c	(95112324)
479000.00	3637100.00	3.90938c	(95112324)	479100.00	3637100.00	4.15845c	(95112324)
479200.00	3637100.00	4.60747c	(95010624)	479300.00	3637100.00	5.56715c	(95010624)
479400.00	3637100.00	6.72729c	(95010624)	479500.00	3637100.00	8.13703c	(95010624)
479600.00	3637100.00	9.91511c	(95010624)	481000.00	3637100.00	6.29403c	(95052324)
481100.00	3637100.00	4.62167c	(95052324)	481200.00	3637100.00	3.99155c	(95020524)
481300.00	3637100.00	3.73936c	(95020524)	481400.00	3637100.00	3.53308c	(95020524)
481500.00	3637100.00	3.34722c	(95020524)	481600.00	3637100.00	3.17434c	(95020524)
481700.00	3637100.00	3.01070c	(95020524)	478900.00	3637200.00	3.45700c	(95010624)
479000.00	3637200.00	4.05343c	(95010624)	479100.00	3637200.00	4.71600c	(95010624)
479200.00	3637200.00	5.44106c	(95010624)	479300.00	3637200.00	6.21381c	(95010624)
479400.00	3637200.00	7.01230c	(95010624)	479500.00	3637200.00	7.80764c	(95010624)
479600.00	3637200.00	8.63029c	(95010624)	481000.00	3637200.00	6.63969c	(95052324)
481100.00	3637200.00	5.00444c	(95052324)	481200.00	3637200.00	3.88287c	(95052324)
481300.00	3637200.00	3.27998c	(95020524)	481400.00	3637200.00	3.24085c	(95020524)
481500.00	3637200.00	3.17949c	(95020524)	481600.00	3637200.00	3.10250c	(95020524)
481700.00	3637200.00	3.01553c	(95020524)	478900.00	3637300.00	4.09580c	(95010624)
479000.00	3637300.00	4.57924c	(95010624)	479100.00	3637300.00	5.05032c	(95010624)
479200.00	3637300.00	5.48297c	(95010624)	479300.00	3637300.00	5.86790c	(95010624)
479400.00	3637300.00	6.23669c	(95010624)	479500.00	3637300.00	6.71208c	(95010624)
479600.00	3637300.00	7.48981c	(95010624)	481000.00	3637300.00	6.66629c	(95052324)
481100.00	3637300.00	5.15180c	(95052324)	481200.00	3637300.00	4.04098c	(95052324)
481300.00	3637300.00	3.22972c	(95052324)	481400.00	3637300.00	2.62560c	(95052324)
481500.00	3637300.00	2.35365c	(95020524)	481600.00	3637300.00	2.45148c	(95020524)
481700.00	3637300.00	2.50967c	(95020524)	478900.00	3637400.00	4.25970c	(95010624)
479000.00	3637400.00	4.51846c	(95010624)	479100.00	3637400.00	4.72556c	(95010624)
479200.00	3637400.00	4.89327c	(95010624)	479300.00	3637400.00	5.06397c	(95010624)
479400.00	3637400.00	5.28557c	(95010624)	479500.00	3637400.00	5.55143c	(95010624)
479600.00	3637400.00	5.71399c	(95010624)	481000.00	3637400.00	5.88284c	(95052324)
481100.00	3637400.00	5.01581c	(95052324)	481200.00	3637400.00	4.14106c	(95052324)
481300.00	3637400.00	3.38183c	(95052324)	481400.00	3637400.00	2.76882c	(95052324)
481500.00	3637400.00	2.28619c	(95052324)	481600.00	3637400.00	1.90971c	(95052324)
481700.00	3637400.00	1.68261c	(95020524)	478900.00	3637500.00	3.93533c	(95010624)
479000.00	3637500.00	3.98899c	(95010624)	479100.00	3637500.00	4.00090c	(95010624)
479200.00	3637500.00	3.98191c	(95010624)	479300.00	3637500.00	3.92202c	(95010624)

479400.00	3637500.00	3.78306c (95010624)	479500.00	3637500.00	3.52345c (95010624)
479600.00	3637500.00	3.24180c (95031924)	479700.00	3637500.00	4.54157c (95021624)
479800.00	3637500.00	7.50193c (95021624)	479900.00	3637500.00	8.96457c (95110824)

CONC URBAN ELEV DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
480000.00	3637500.00	7.28594c	(95030424)	480100.00	3637500.00	8.76890c	(95030424)
480200.00	3637500.00	8.78169c	(95110524)	480300.00	3637500.00	8.75092c	(95030424)
480400.00	3637500.00	8.62700c	(95030424)	480500.00	3637500.00	7.58012c	(95030424)
480600.00	3637500.00	5.95027c	(95052424)	480700.00	3637500.00	5.22914c	(95052424)
480800.00	3637500.00	5.15465c	(95052424)	480900.00	3637500.00	5.16605c	(95052424)
481000.00	3637500.00	4.73219c	(95052424)	481100.00	3637500.00	4.30954c	(95052324)
481200.00	3637500.00	3.88709c	(95052324)	481300.00	3637500.00	3.38584c	(95052324)
481400.00	3637500.00	2.88179c	(95052324)	481500.00	3637500.00	2.42553c	(95052324)
481600.00	3637500.00	2.03778c	(95052324)	481700.00	3637500.00	1.71904c	(95052324)
478900.00	3637600.00	3.25763c	(95010624)	479000.00	3637600.00	3.13701c	(95010624)
479100.00	3637600.00	2.96133c	(95010624)	479200.00	3637600.00	2.72681c	(95010624)
479300.00	3637600.00	2.43927c	(95010624)	479400.00	3637600.00	2.63331c	(95031924)
479500.00	3637600.00	2.78194c	(95031924)	479600.00	3637600.00	2.74258c	(95031924)
479700.00	3637600.00	4.90934c	(95021624)	479800.00	3637600.00	6.80272c	(95021624)
479900.00	3637600.00	7.34174c	(95110824)	480000.00	3637600.00	5.64209c	(95030424)
480100.00	3637600.00	6.71448c	(95110524)	480200.00	3637600.00	7.19581c	(95110524)
480300.00	3637600.00	6.93560c	(95030424)	480400.00	3637600.00	6.90783c	(95030424)
480500.00	3637600.00	6.16512c	(95030424)	480600.00	3637600.00	4.44224c	(95101024)
480700.00	3637600.00	4.28464c	(95011124)	480800.00	3637600.00	3.94191c	(95011124)
480900.00	3637600.00	3.92991c	(95052424)	481000.00	3637600.00	3.94504c	(95052424)
481100.00	3637600.00	3.64742c	(95052424)	481200.00	3637600.00	3.27570c	(95052324)
481300.00	3637600.00	3.07745c	(95052324)	481400.00	3637600.00	2.79730c	(95052324)
481500.00	3637600.00	2.47363c	(95052324)	481600.00	3637600.00	2.14498c	(95052324)
481700.00	3637600.00	1.84076c	(95052324)	478900.00	3637700.00	2.34377c	(95010624)
479000.00	3637700.00	2.12420c	(95102424)	479100.00	3637700.00	2.13375c	(95102424)
479200.00	3637700.00	2.12666c	(95102424)	479300.00	3637700.00	2.26656c	(95031924)
479400.00	3637700.00	2.42589c	(95031924)	479500.00	3637700.00	2.43746c	(95031924)
479600.00	3637700.00	3.05927c	(95021624)	479700.00	3637700.00	5.05246c	(95021624)
479800.00	3637700.00	6.09932c	(95110824)	479900.00	3637700.00	5.89685c	(95110824)
480000.00	3637700.00	4.57643c	(95030424)	480100.00	3637700.00	6.01804c	(95110524)
480200.00	3637700.00	5.80813c	(95110524)	480300.00	3637700.00	5.66003c	(95030424)
480400.00	3637700.00	5.67631c	(95030424)	480500.00	3637700.00	5.14901c	(95030424)
480600.00	3637700.00	3.90771c	(95101024)	480700.00	3637700.00	3.66476c	(95011124)
480800.00	3637700.00	3.56488c	(95011124)	480900.00	3637700.00	3.05097c	(95011124)
481000.00	3637700.00	3.13113c	(95052424)	481100.00	3637700.00	3.13259c	(95052424)
481200.00	3637700.00	2.92050c	(95052424)	481300.00	3637700.00	2.59350c	(95052424)
481400.00	3637700.00	2.47759c	(95052324)	481500.00	3637700.00	2.32992c	(95052324)

481600.00	3637700.00	2.13027c (95052324)	481700.00	3637700.00	1.90217c (95052324)
478900.00	3637800.00	1.94606c (95102424)	479000.00	3637800.00	1.92851c (95102424)
479100.00	3637800.00	1.87344c (95102424)	479200.00	3637800.00	1.98468c (95031924)

CONC URBAN ELEV DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479300.00	3637800.00	2.14107c	(95031924)	479400.00	3637800.00	2.17722c	(95031924)
479500.00	3637800.00	2.14328c	(95031924)	479600.00	3637800.00	3.43195c	(95110524)
479700.00	3637800.00	4.86085c	(95021624)	479800.00	3637800.00	5.57106c	(95110824)
479900.00	3637800.00	4.79570c	(95110824)	480000.00	3637800.00	4.11835c	(95110524)
480100.00	3637800.00	5.22165c	(95110524)	480200.00	3637800.00	5.04769c	(95110824)
480300.00	3637800.00	4.73281c	(95030424)	480400.00	3637800.00	4.75617c	(95030424)
480500.00	3637800.00	4.36778c	(95030424)	480600.00	3637800.00	3.45871c	(95030424)
480700.00	3637800.00	3.04901c	(95011124)	480800.00	3637800.00	3.17213c	(95011124)
480900.00	3637800.00	2.92934c	(95011124)	481000.00	3637800.00	2.39246c	(95052424)
481100.00	3637800.00	2.56593c	(95052424)	481200.00	3637800.00	2.56141c	(95052424)
481300.00	3637800.00	2.40527c	(95052424)	481400.00	3637800.00	2.16440c	(95052424)
481500.00	3637800.00	2.02358c	(95052324)	481600.00	3637800.00	1.95501c	(95052324)
481700.00	3637800.00	1.83860c	(95052324)	478900.00	3637900.00	1.72469c	(95102424)
479000.00	3637900.00	1.62308c	(95102424)	479100.00	3637900.00	1.76082c	(95031924)
479200.00	3637900.00	1.90786c	(95031924)	479300.00	3637900.00	1.95554c	(95031924)
479400.00	3637900.00	1.92561c	(95031924)	479500.00	3637900.00	2.39019c	(95110524)
479600.00	3637900.00	3.59658c	(95021624)	479700.00	3637900.00	4.40152c	(95021624)
479800.00	3637900.00	4.92937c	(95110824)	479900.00	3637900.00	4.06161c	(95110824)
480000.00	3637900.00	3.99077c	(95110524)	480100.00	3637900.00	4.40410c	(95110524)
480200.00	3637900.00	4.33610c	(95110824)	480300.00	3637900.00	4.03521c	(95030424)
480400.00	3637900.00	4.05170c	(95030424)	480500.00	3637900.00	3.74911c	(95030424)
480600.00	3637900.00	3.07815c	(95030424)	480700.00	3637900.00	2.74545c	(95101024)
480800.00	3637900.00	2.74909c	(95011124)	480900.00	3637900.00	2.72350c	(95011124)
481000.00	3637900.00	2.38011c	(95011124)	481100.00	3637900.00	2.01984c	(95052424)
481200.00	3637900.00	2.14780c	(95052424)	481300.00	3637900.00	2.14276c	(95052424)
481400.00	3637900.00	2.02598c	(95052424)	481500.00	3637900.00	1.84215c	(95052424)
481600.00	3637900.00	1.67369c	(95052324)	481700.00	3637900.00	1.65190c	(95052324)
478900.00	3638000.00	1.38648c	(95102424)	479000.00	3638000.00	1.57868c	(95031924)
479100.00	3638000.00	1.71420c	(95031924)	479200.00	3638000.00	1.76648c	(95031924)
479300.00	3638000.00	1.74190c	(95031924)	479400.00	3638000.00	1.65648c	(95031924)
479500.00	3638000.00	2.69724c	(95110524)	479600.00	3638000.00	3.59617c	(95021624)
479700.00	3638000.00	4.14304c	(95110824)	479800.00	3638000.00	4.31716c	(95110824)
479900.00	3638000.00	3.61774c	(95110824)	480000.00	3638000.00	3.67561c	(95110524)
480100.00	3638000.00	4.03928c	(95110824)	480200.00	3638000.00	3.65186c	(95110824)
480300.00	3638000.00	3.49451c	(95030424)	480400.00	3638000.00	3.50047c	(95030424)
480500.00	3638000.00	3.25216c	(95030424)	480600.00	3638000.00	2.74549c	(95030424)
480700.00	3638000.00	2.51559c	(95101024)	480800.00	3638000.00	2.31004c	(95011124)

480900.00	3638000.00	2.45367c (95011124)	481000.00	3638000.00	2.31108c (95011124)
481100.00	3638000.00	1.92702c (95011124)	481200.00	3638000.00	1.73319c (95052424)
481300.00	3638000.00	1.82915c (95052424)	481400.00	3638000.00	1.82548c (95052424)

CONC URBAN ELEV DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
481500.00	3638000.00	1.73703c	(95052424)	481600.00	3638000.00	1.59371c	(95052424)
481700.00	3638000.00	1.42851c	(95052424)	478900.00	3638100.00	1.42731c	(95031924)
479000.00	3638100.00	1.55087c	(95031924)	479100.00	3638100.00	1.60392c	(95031924)
479200.00	3638100.00	1.58552c	(95031924)	479300.00	3638100.00	1.50452c	(95031924)
479400.00	3638100.00	1.93892c	(95110524)	479500.00	3638100.00	2.80636c	(95110524)
479600.00	3638100.00	3.42557c	(95021624)	479700.00	3638100.00	3.93982c	(95110824)
479800.00	3638100.00	3.81280c	(95110824)	479900.00	3638100.00	3.36054c	(95110824)
480000.00	3638100.00	3.52082c	(95110824)	480100.00	3638100.00	3.67759c	(95110824)
480200.00	3638100.00	3.02594c	(95110824)	480300.00	3638100.00	3.06354c	(95030424)
480400.00	3638100.00	3.06080c	(95030424)	480500.00	3638100.00	2.85075c	(95030424)
480600.00	3638100.00	2.45534c	(95030424)	480700.00	3638100.00	2.28574c	(95101024)
480800.00	3638100.00	2.02814c	(95101024)	480900.00	3638100.00	2.14324c	(95011124)
481000.00	3638100.00	2.16248c	(95011124)	481100.00	3638100.00	1.94489c	(95011124)
481200.00	3638100.00	1.56394c	(95011124)	481300.00	3638100.00	1.57194c	(95102824)
481400.00	3638100.00	1.61706c	(95102824)	481500.00	3638100.00	1.57883c	(95052424)
481600.00	3638100.00	1.51119c	(95052424)	481700.00	3638100.00	1.39726c	(95052424)
478900.00	3638200.00	1.41221c	(95031924)	479000.00	3638200.00	1.46355c	(95031924)
479100.00	3638200.00	1.45052c	(95031924)	479200.00	3638200.00	1.37707c	(95031924)
479300.00	3638200.00	1.32777c	(95110524)	479400.00	3638200.00	2.19514c	(95110524)
479500.00	3638200.00	2.74625c	(95110524)	479600.00	3638200.00	3.15202c	(95021624)
479700.00	3638200.00	3.66866c	(95110824)	479800.00	3638200.00	3.43276c	(95110824)
479900.00	3638200.00	3.20150c	(95110824)	480000.00	3638200.00	3.37447c	(95110824)
480100.00	3638200.00	3.27838c	(95110824)	480200.00	3638200.00	2.60446c	(95030424)
480300.00	3638200.00	2.71278c	(95030424)	480400.00	3638200.00	2.70393c	(95030424)
480500.00	3638200.00	2.52177c	(95030424)	480600.00	3638200.00	2.20392c	(95030424)
480700.00	3638200.00	2.06034c	(95101024)	480800.00	3638200.00	1.90393c	(95101024)
480900.00	3638200.00	1.81890c	(95011124)	481000.00	3638200.00	1.95750c	(95011124)
481100.00	3638200.00	1.88496c	(95011124)	481200.00	3638200.00	1.63080c	(95011124)
481300.00	3638200.00	1.35188c	(95102824)	481400.00	3638200.00	1.49700c	(95102824)
481500.00	3638200.00	1.52708c	(95102824)	481600.00	3638200.00	1.45377c	(95102824)
481700.00	3638200.00	1.35264c	(95012524)				

CONC URBAN ELEV DFAULT

*** THE 2ND HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479700.00	3636250.00	4.85964c	(95030824)	479750.00	3636250.00	4.89801c	(95030824)
479800.00	3636250.00	4.23326c	(95070524)	479850.00	3636250.00	3.74206c	(95111824)
479900.00	3636250.00	2.91673c	(95031424)	479950.00	3636250.00	4.51977c	(95070524)
480000.00	3636250.00	7.53690c	(95102124)	480050.00	3636250.00	9.19062c	(95102124)
480100.00	3636250.00	7.64173c	(95102124)	480150.00	3636250.00	6.09063c	(95120924)
480200.00	3636250.00	6.10236c	(95022424)	480250.00	3636250.00	5.94400c	(95022424)
480300.00	3636250.00	6.21971c	(95052624)	480350.00	3636250.00	6.10476c	(95052624)
480400.00	3636250.00	6.03411c	(95022324)	480450.00	3636250.00	6.10157c	(95022324)
480500.00	3636250.00	6.09961c	(95022324)	480550.00	3636250.00	6.18688c	(95022324)
480600.00	3636250.00	5.19939c	(95022424)	480650.00	3636250.00	4.37702c	(95031824)
480700.00	3636250.00	4.50786c	(95031824)	480750.00	3636250.00	4.54753c	(95031824)
480800.00	3636250.00	4.42481c	(95031824)	480850.00	3636250.00	4.15129c	(95031824)
480900.00	3636250.00	3.85302c	(95052024)	479700.00	3636300.00	5.23201c	(95030824)
479750.00	3636300.00	5.68960c	(95030824)	479800.00	3636300.00	5.70195c	(95030824)
479850.00	3636300.00	4.98490c	(95030824)	479900.00	3636300.00	4.00713c	(95031424)
479950.00	3636300.00	4.88903c	(95103124)	480000.00	3636300.00	8.75867c	(95102124)
480050.00	3636300.00	11.13612c	(95102124)	480100.00	3636300.00	8.86323c	(95102124)
480150.00	3636300.00	7.36079c	(95052624)	480200.00	3636300.00	7.42206c	(95022424)
480250.00	3636300.00	7.17182c	(95052624)	480300.00	3636300.00	6.95356c	(95022324)
480350.00	3636300.00	7.45722c	(95022324)	480400.00	3636300.00	7.34145c	(95022324)
480450.00	3636300.00	7.06891c	(95022324)	480500.00	3636300.00	6.92591c	(95022324)
480550.00	3636300.00	6.83123c	(95022424)	480600.00	3636300.00	5.40615c	(95022424)
480650.00	3636300.00	4.97479c	(95031824)	480700.00	3636300.00	5.13025c	(95031824)
480750.00	3636300.00	5.09338c	(95031824)	480800.00	3636300.00	4.83344c	(95031824)
480850.00	3636300.00	4.41997c	(95031824)	480900.00	3636300.00	4.29466c	(95052024)
479700.00	3636350.00	5.81597c	(95020224)	479750.00	3636350.00	6.19402c	(95030824)
479800.00	3636350.00	6.80838c	(95030824)	479850.00	3636350.00	6.56393c	(95102824)
479900.00	3636350.00	5.60210c	(95030824)	479950.00	3636350.00	5.23822c	(95101924)
480000.00	3636350.00	10.42253c	(95103124)	480050.00	3636350.00	13.93495c	(95102124)
480100.00	3636350.00	10.50907c	(95102124)	480150.00	3636350.00	9.72668c	(95052624)
480200.00	3636350.00	8.95445c	(95052624)	480250.00	3636350.00	8.72690c	(95022424)
480300.00	3636350.00	8.47179c	(95022424)	480350.00	3636350.00	8.76870c	(95022424)
480400.00	3636350.00	8.37499c	(95022324)	480450.00	3636350.00	7.92512c	(95022324)
480500.00	3636350.00	7.75434c	(95022324)	480550.00	3636350.00	7.24863c	(95022424)
480600.00	3636350.00	5.58310c	(95022424)	480650.00	3636350.00	5.73024c	(95031824)
480700.00	3636350.00	5.85333c	(95031824)	480750.00	3636350.00	5.65471c	(95031824)
480800.00	3636350.00	5.20031c	(95031824)	480850.00	3636350.00	4.77148c	(95052024)

480900.00	3636350.00	4.78849c (95052024)	479700.00	3636400.00	7.32863c (95020224)
479750.00	3636400.00	7.05677c (95020224)	479800.00	3636400.00	7.48921c (95030824)
479850.00	3636400.00	8.42371c (95030824)	479900.00	3636400.00	8.04729c (95070524)

CONC URBAN ELEV DFAULT

*** THE 2ND HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479950.00	3636400.00	6.40917c	(95111824)	480000.00	3636400.00	12.76999c	(95103124)
480050.00	3636400.00	18.26916c	(95102124)	480100.00	3636400.00	14.12201c	(95011424)
480150.00	3636400.00	12.80157c	(95052624)	480200.00	3636400.00	11.97909c	(95022324)
480250.00	3636400.00	10.04360c	(95022424)	480300.00	3636400.00	9.36139c	(95022424)
480350.00	3636400.00	9.57650c	(95022424)	480400.00	3636400.00	9.29093c	(95022324)
480450.00	3636400.00	8.88677c	(95022324)	480500.00	3636400.00	8.67584c	(95022324)
480550.00	3636400.00	7.65551c	(95022424)	480600.00	3636400.00	6.29503c	(95031824)
480650.00	3636400.00	6.67668c	(95031824)	480700.00	3636400.00	6.64461c	(95031824)
480750.00	3636400.00	6.17376c	(95031824)	480800.00	3636400.00	5.48889c	(95031824)
480850.00	3636400.00	5.33803c	(95052024)	480900.00	3636400.00	5.39365c	(95052024)
479700.00	3636450.00	8.40638c	(95102824)	479750.00	3636450.00	8.58004c	(95020224)
479800.00	3636450.00	8.47347c	(95020224)	479850.00	3636450.00	9.35314c	(95030824)
479900.00	3636450.00	11.03877c	(95030824)	479950.00	3636450.00	11.73129c	(95030824)
480000.00	3636450.00	16.40517c	(95103124)	480050.00	3636450.00	25.96646c	(95102124)
480100.00	3636450.00	21.26043c	(95052624)	480150.00	3636450.00	18.86084c	(95022324)
480200.00	3636450.00	13.94215c	(95022424)	480250.00	3636450.00	12.51242c	(95031824)
480300.00	3636450.00	10.99863c	(95031824)	480350.00	3636450.00	10.42976c	(95022424)
480400.00	3636450.00	10.62414c	(95022324)	480450.00	3636450.00	10.12319c	(95022324)
480500.00	3636450.00	9.64878c	(95022324)	480550.00	3636450.00	8.08186c	(95022424)
480600.00	3636450.00	7.47697c	(95031824)	480650.00	3636450.00	7.81000c	(95031824)
480700.00	3636450.00	7.41698c	(95031824)	480750.00	3636450.00	6.58515c	(95031824)
480800.00	3636450.00	5.99063c	(95052024)	480850.00	3636450.00	6.09155c	(95052024)
480900.00	3636450.00	6.15939c	(95052024)	479700.00	3636500.00	9.62940c	(95112024)
479750.00	3636500.00	9.72760c	(95112024)	479800.00	3636500.00	10.29295c	(95020224)
479850.00	3636500.00	10.38419c	(95020224)	479900.00	3636500.00	12.60474c	(95030824)
479950.00	3636500.00	16.45145c	(95102824)	480250.00	3636500.00	14.94830c	(95031824)
480300.00	3636500.00	12.17618c	(95031824)	480350.00	3636500.00	11.32660c	(95022424)
480400.00	3636500.00	11.93605c	(95022424)	480450.00	3636500.00	11.39805c	(95022324)
480500.00	3636500.00	10.47683c	(95022324)	480550.00	3636500.00	8.61979c	(95022424)
480600.00	3636500.00	9.07098c	(95031824)	480650.00	3636500.00	9.03496c	(95031824)
480700.00	3636500.00	8.04840c	(95031824)	480750.00	3636500.00	6.88577c	(95031824)
480800.00	3636500.00	6.98819c	(95052024)	480850.00	3636500.00	7.10308c	(95052024)
480900.00	3636500.00	7.05663c	(95052024)	479700.00	3636550.00	10.57582c	(95020224)
479750.00	3636550.00	11.19369c	(95112024)	479800.00	3636550.00	11.75596c	(95112024)
479850.00	3636550.00	12.82555c	(95020224)	479900.00	3636550.00	14.97422c	(95030824)
479950.00	3636550.00	22.39009c	(95030824)	480450.00	3636550.00	12.11491c	(95022324)
480500.00	3636550.00	11.02438c	(95022324)	480550.00	3636550.00	10.12915c	(95031824)

480600.00	3636550.00	11.01034c (95022324)	480650.00	3636550.00	10.14162c (95031824)
480700.00	3636550.00	8.51215c (95031824)	480750.00	3636550.00	8.23229c (95052024)
480800.00	3636550.00	8.41195c (95052024)	480850.00	3636550.00	8.26111c (95052024)

CONC URBAN ELEV DFAULT

*** THE 2ND HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
480900.00	3636550.00	7.88358c	(95022324)	479700.00	3636600.00	10.70518c	(95020224)
479750.00	3636600.00	11.89845c	(95020224)	479800.00	3636600.00	13.10006c	(95020224)
479850.00	3636600.00	14.42963c	(95112024)	479900.00	3636600.00	16.75499c	(95020224)
479950.00	3636600.00	25.23118c	(95120724)	480700.00	3636600.00	10.18567c	(95052024)
480750.00	3636600.00	10.37488c	(95052024)	480800.00	3636600.00	9.90412c	(95052024)
480850.00	3636600.00	9.08741c	(95022324)	480900.00	3636600.00	7.98503c	(95022324)
479700.00	3636650.00	10.45065c	(95122524)	479750.00	3636650.00	11.89165c	(95020224)
479800.00	3636650.00	13.58592c	(95020224)	479850.00	3636650.00	15.63200c	(95112024)
479900.00	3636650.00	18.23092c	(95112024)	479950.00	3636650.00	28.56021c	(95120724)
480700.00	3636650.00	13.55979c	(95052024)	480750.00	3636650.00	12.17090c	(95052024)
480800.00	3636650.00	10.59763c	(95022324)	480850.00	3636650.00	9.27623c	(95022324)
480900.00	3636650.00	8.21016c	(95022324)	479700.00	3636700.00	9.67036c	(95112024)
479750.00	3636700.00	12.10737c	(95112024)	479800.00	3636700.00	14.26097c	(95112024)
479850.00	3636700.00	16.47129c	(95112024)	479900.00	3636700.00	19.47083c	(95112024)
479950.00	3636700.00	31.69151c	(95120724)	480700.00	3636700.00	15.27427c	(95052024)
480750.00	3636700.00	12.65916c	(95052024)	480800.00	3636700.00	11.10355c	(95052024)
480850.00	3636700.00	9.94644c	(95022324)	480900.00	3636700.00	8.48130c	(95022324)
479700.00	3636750.00	9.52702c	(95122724)	479750.00	3636750.00	10.45705c	(95122724)
479800.00	3636750.00	13.38028c	(95112024)	479850.00	3636750.00	16.59710c	(95112024)
479900.00	3636750.00	22.25167c	(95120724)	479950.00	3636750.00	37.58186c	(95120724)
480700.00	3636750.00	14.91364c	(95052024)	480750.00	3636750.00	12.83775c	(95052024)
480800.00	3636750.00	11.87023c	(95052024)	480850.00	3636750.00	10.59548c	(95022324)
480900.00	3636750.00	8.22542c	(95022324)	479700.00	3636800.00	10.43403c	(95122724)
479750.00	3636800.00	12.00040c	(95122724)	479800.00	3636800.00	13.63455c	(95120724)
479850.00	3636800.00	18.14689c	(95120724)	479900.00	3636800.00	26.06345c	(95120724)
479950.00	3636800.00	42.23580c	(95120724)	480700.00	3636800.00	15.01144c	(95052024)
480750.00	3636800.00	14.28148c	(95052024)	480800.00	3636800.00	13.37856c	(95022324)
480850.00	3636800.00	9.81722c	(95022324)	480900.00	3636800.00	8.38310c	(95022524)
479700.00	3636850.00	9.20299c	(95120724)	479750.00	3636850.00	11.48830c	(95122724)
479800.00	3636850.00	14.46538c	(95120724)	479850.00	3636850.00	19.53092c	(95120724)
479900.00	3636850.00	28.06186c	(95120724)	479950.00	3636850.00	44.29612c	(95120724)
480700.00	3636850.00	19.14755c	(95052024)	480750.00	3636850.00	16.54365c	(95022324)
480800.00	3636850.00	11.64108c	(95022524)	480850.00	3636850.00	9.87515c	(95022524)
480900.00	3636850.00	8.04109c	(95022524)	479700.00	3636900.00	9.82831c	(95010624)
479750.00	3636900.00	11.72399c	(95012924)	479800.00	3636900.00	14.55784c	(95120724)
479850.00	3636900.00	19.47419c	(95010624)	479900.00	3636900.00	27.91554c	(95120724)
479950.00	3636900.00	44.75229c	(95120724)	480650.00	3636900.00	29.05926c	(95052024)

480700.00	3636900.00	21.35045c (95022324)	480750.00	3636900.00	15.15263c (95022524)
480800.00	3636900.00	11.71239c (95022524)	480850.00	3636900.00	9.43365c (95112024)
480900.00	3636900.00	7.05469c (95081824)	479700.00	3636950.00	10.97087c (95012924)

CONC URBAN ELEV DFAULT

*** THE 2ND HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479750.00	3636950.00	12.77195c	(95012924)	479800.00	3636950.00	15.04205c	(95012924)
479850.00	3636950.00	18.98465c	(95120724)	479900.00	3636950.00	26.19772c	(95120724)
479950.00	3636950.00	41.60258c	(95120724)	480650.00	3636950.00	35.32799c	(95022324)
480700.00	3636950.00	21.67865c	(95022524)	480750.00	3636950.00	14.10170c	(95022524)
480800.00	3636950.00	10.81355c	(95052024)	480850.00	3636950.00	8.57697c	(95101824)
480900.00	3636950.00	7.25624c	(95031924)	479700.00	3637000.00	11.17725c	(95012924)
479750.00	3637000.00	12.79722c	(95012924)	479800.00	3637000.00	14.92108c	(95012924)
479850.00	3637000.00	18.60926c	(95120724)	479900.00	3637000.00	24.41994c	(95120724)
479950.00	3637000.00	33.66282c	(95120724)	480650.00	3637000.00	37.03742c	(95112024)
480700.00	3637000.00	21.66932c	(95051124)	480750.00	3637000.00	14.92362c	(95051124)
480800.00	3637000.00	11.44820c	(95031924)	480850.00	3637000.00	9.07746c	(95040824)
480900.00	3637000.00	7.71229c	(95040824)	479700.00	3637050.00	10.69974c	(95012924)
479750.00	3637050.00	12.02195c	(95012924)	479800.00	3637050.00	13.54837c	(95012924)
479850.00	3637050.00	16.01148c	(95120724)	479900.00	3637050.00	19.40991c	(95120724)
479950.00	3637050.00	27.22788c	(95021624)	480000.00	3637050.00	36.64346c	(95030424)
480050.00	3637050.00	44.84207c	(95021624)	480100.00	3637050.00	50.87565c	(95110824)
480650.00	3637050.00	36.81142c	(95040824)	480700.00	3637050.00	23.30751c	(95040824)
480750.00	3637050.00	16.30109c	(95052324)	480800.00	3637050.00	12.45225c	(95052324)
480850.00	3637050.00	9.93287c	(95052324)	480900.00	3637050.00	8.09930c	(95052324)
479700.00	3637100.00	9.61208c	(95012924)	479750.00	3637100.00	10.18941c	(95012924)
479800.00	3637100.00	11.47028c	(95120724)	479850.00	3637100.00	13.29997c	(95120724)
479900.00	3637100.00	16.47513c	(95021624)	479950.00	3637100.00	20.36986c	(95010624)
480000.00	3637100.00	26.59486c	(95110824)	480050.00	3637100.00	28.37841c	(95021624)
480100.00	3637100.00	28.50479c	(95010624)	480150.00	3637100.00	35.84036c	(95010624)
480200.00	3637100.00	39.85363c	(95030424)	480650.00	3637100.00	29.52090c	(95052424)
480700.00	3637100.00	17.03719c	(95050724)	480750.00	3637100.00	13.54504c	(95040824)
480800.00	3637100.00	11.04741c	(95040824)	480850.00	3637100.00	9.16674c	(95040824)
480900.00	3637100.00	7.73821c	(95040824)	479700.00	3637150.00	7.87327c	(95012924)
479750.00	3637150.00	8.58768c	(95120724)	479800.00	3637150.00	9.73462c	(95120724)
479850.00	3637150.00	11.32994c	(95120724)	479900.00	3637150.00	15.46344c	(95010624)
479950.00	3637150.00	18.75664c	(95110824)	480000.00	3637150.00	21.15381c	(95021624)
480050.00	3637150.00	22.85147c	(95010624)	480100.00	3637150.00	25.04980c	(95010624)
480150.00	3637150.00	25.80389c	(95010624)	480200.00	3637150.00	27.21363c	(95010624)
480250.00	3637150.00	29.05278c	(95021624)	480300.00	3637150.00	32.04688c	(95021624)
480350.00	3637150.00	33.87573c	(95021624)	480400.00	3637150.00	35.25768c	(95052424)
480450.00	3637150.00	38.82240c	(95052424)	480500.00	3637150.00	37.13266c	(95030424)
480550.00	3637150.00	30.49234c	(95030424)	480600.00	3637150.00	30.54050c	(95052324)

480650.00	3637150.00	24.96583c (95052424)	480700.00	3637150.00	18.74276c (95052424)
480750.00	3637150.00	13.03414c (95052424)	480800.00	3637150.00	9.38182c (95050724)
480850.00	3637150.00	7.45556c (95050724)	480900.00	3637150.00	6.27748c (95040824)

CONC URBAN ELEV DFAULT

*** THE 2ND HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479700.00	3637200.00	6.52031c	(95120724)	479750.00	3637200.00	7.24941c	(95120724)
479800.00	3637200.00	8.25170c	(95120724)	479850.00	3637200.00	10.74302c	(95021624)
479900.00	3637200.00	14.73073c	(95021624)	479950.00	3637200.00	17.09018c	(95110824)
480000.00	3637200.00	16.95683c	(95021624)	480050.00	3637200.00	16.86409c	(95110824)
480100.00	3637200.00	15.54533c	(95010624)	480150.00	3637200.00	18.76420c	(95031924)
480200.00	3637200.00	19.26665c	(95031924)	480250.00	3637200.00	20.26968c	(95021624)
480300.00	3637200.00	22.26243c	(95021624)	480350.00	3637200.00	24.20295c	(95110824)
480400.00	3637200.00	24.12453c	(95110824)	480450.00	3637200.00	25.05004c	(95052424)
480500.00	3637200.00	23.72496c	(95030424)	480550.00	3637200.00	19.81504c	(95030424)
480600.00	3637200.00	19.60242c	(95052324)	480650.00	3637200.00	18.82175c	(95052424)
480700.00	3637200.00	16.56620c	(95052424)	480750.00	3637200.00	13.58050c	(95052424)
480800.00	3637200.00	10.56811c	(95052424)	480850.00	3637200.00	8.15883c	(95052424)
480900.00	3637200.00	6.38513c	(95050724)	479700.00	3637250.00	5.50907c	(95012924)
479750.00	3637250.00	6.10618c	(95122424)	479800.00	3637250.00	7.65181c	(95021624)
479850.00	3637250.00	10.54747c	(95021624)	479900.00	3637250.00	12.62845c	(95010624)
479950.00	3637250.00	14.56201c	(95021624)	480000.00	3637250.00	14.84774c	(95030424)
480050.00	3637250.00	13.08510c	(95110824)	480100.00	3637250.00	12.28677c	(95031924)
480150.00	3637250.00	15.27598c	(95031924)	480200.00	3637250.00	15.01047c	(95031924)
480250.00	3637250.00	15.86526c	(95021624)	480300.00	3637250.00	17.57711c	(95110824)
480350.00	3637250.00	19.15273c	(95110824)	480400.00	3637250.00	18.46814c	(95110824)
480450.00	3637250.00	17.58026c	(95052424)	480500.00	3637250.00	17.47388c	(95030424)
480550.00	3637250.00	14.66079c	(95030424)	480600.00	3637250.00	13.52214c	(95052324)
480650.00	3637250.00	14.15832c	(95052324)	480700.00	3637250.00	13.47794c	(95052424)
480750.00	3637250.00	12.26979c	(95052424)	480800.00	3637250.00	10.51819c	(95052424)
480850.00	3637250.00	8.69289c	(95052424)	480900.00	3637250.00	7.09847c	(95052424)
479700.00	3637300.00	5.24325c	(95012924)	479750.00	3637300.00	5.70699c	(95122424)
479800.00	3637300.00	7.66694c	(95021624)	479850.00	3637300.00	9.46115c	(95010624)
479900.00	3637300.00	11.56957c	(95110824)	479950.00	3637300.00	12.48714c	(95021624)
480000.00	3637300.00	13.09488c	(95030424)	480050.00	3637300.00	10.16926c	(95110824)
480100.00	3637300.00	10.54550c	(95031924)	480150.00	3637300.00	12.13419c	(95031924)
480200.00	3637300.00	12.68651c	(95110524)	480250.00	3637300.00	13.13019c	(95021624)
480300.00	3637300.00	14.86978c	(95110824)	480350.00	3637300.00	15.69227c	(95110824)
480400.00	3637300.00	14.82846c	(95110824)	480450.00	3637300.00	13.40930c	(95110824)
480500.00	3637300.00	13.83058c	(95030424)	480550.00	3637300.00	11.63519c	(95030424)
480600.00	3637300.00	9.98462c	(95102924)	480650.00	3637300.00	10.32559c	(95052324)
480700.00	3637300.00	10.76021c	(95052324)	480750.00	3637300.00	10.41090c	(95052424)
480800.00	3637300.00	9.60047c	(95052424)	480850.00	3637300.00	8.46760c	(95052424)

480900.00	3637300.00	7.26440c (95052424)	479700.00	3637350.00	4.72077c (95012924)
479750.00	3637350.00	5.64498c (95021624)	479800.00	3637350.00	7.00054c (95010624)
479850.00	3637350.00	8.01667c (95110524)	479900.00	3637350.00	11.12938c (95110824)

CONC URBAN ELEV DFAULT

*** THE 2ND HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479950.00	3637350.00	10.73622c	(95021624)	480000.00	3637350.00	11.10132c	(95110824)
480050.00	3637350.00	7.95898c	(95110824)	480100.00	3637350.00	8.64349c	(95031924)
480150.00	3637350.00	10.15931c	(95110524)	480200.00	3637350.00	11.59442c	(95110524)
480250.00	3637350.00	11.52953c	(95110524)	480300.00	3637350.00	12.78279c	(95110824)
480350.00	3637350.00	13.10281c	(95110824)	480400.00	3637350.00	12.23749c	(95110824)
480450.00	3637350.00	10.73004c	(95110824)	480500.00	3637350.00	11.23832c	(95052424)
480550.00	3637350.00	9.66933c	(95030424)	480600.00	3637350.00	7.93959c	(95102924)
480650.00	3637350.00	7.65167c	(95052324)	480700.00	3637350.00	8.16844c	(95052324)
480750.00	3637350.00	8.45520c	(95052324)	480800.00	3637350.00	8.36665c	(95052424)
480850.00	3637350.00	7.78256c	(95052424)	480900.00	3637350.00	6.99935c	(95052424)
479700.00	3637400.00	4.35871c	(95122424)	479750.00	3637400.00	5.17887c	(95010624)
479800.00	3637400.00	6.58931c	(95110524)	479850.00	3637400.00	8.23577c	(95110824)
479900.00	3637400.00	9.96617c	(95021624)	479950.00	3637400.00	9.16580c	(95021624)
480000.00	3637400.00	9.24566c	(95110824)	480050.00	3637400.00	7.34096c	(95123124)
480100.00	3637400.00	7.05962c	(95110524)	480150.00	3637400.00	9.77349c	(95110524)
480200.00	3637400.00	10.60426c	(95110524)	480250.00	3637400.00	10.22704c	(95110524)
480300.00	3637400.00	11.10376c	(95110824)	480350.00	3637400.00	11.09348c	(95110824)
480400.00	3637400.00	10.21185c	(95110824)	480450.00	3637400.00	8.48227c	(95110824)
480500.00	3637400.00	8.85813c	(95052424)	480550.00	3637400.00	8.29862c	(95030424)
480600.00	3637400.00	6.31932c	(95011124)	480650.00	3637400.00	6.18502c	(95011124)
480700.00	3637400.00	6.25554c	(95052324)	480750.00	3637400.00	6.62883c	(95052324)
480800.00	3637400.00	6.81139c	(95052324)	480850.00	3637400.00	6.76942c	(95052324)
480900.00	3637400.00	6.47279c	(95052424)	478900.00	3635500.00	1.10988c	(95030824)
479000.00	3635500.00	1.26970c	(95030824)	479100.00	3635500.00	1.33932c	(95030824)
479200.00	3635500.00	1.18666c	(95102824)	479300.00	3635500.00	1.06550c	(95111824)
479400.00	3635500.00	1.08419c	(95111824)	479500.00	3635500.00	0.95831c	(95031424)
479600.00	3635500.00	0.75713c	(95031424)	479700.00	3635500.00	0.73728c	(95091724)
479800.00	3635500.00	0.99224c	(95070524)	479900.00	3635500.00	1.55246c	(95022424)
480000.00	3635500.00	2.04180c	(95102124)	480100.00	3635500.00	2.18228c	(95102124)
480200.00	3635500.00	1.94109c	(95102124)	480300.00	3635500.00	1.66464c	(95102124)
480400.00	3635500.00	1.47807c	(95102124)	480500.00	3635500.00	1.49228c	(95052624)
480600.00	3635500.00	1.48347c	(95052624)	480700.00	3635500.00	1.58650c	(95031824)
480800.00	3635500.00	1.65509c	(95031824)	480900.00	3635500.00	1.64101c	(95031824)
481000.00	3635500.00	1.60642c	(95060424)	481100.00	3635500.00	1.60946c	(95060424)
481200.00	3635500.00	1.67491c	(95022324)	481300.00	3635500.00	1.62190c	(95102724)
481400.00	3635500.00	1.62365c	(95102724)	481500.00	3635500.00	1.58315c	(95102724)

481600.00	3635500.00	1.50227c (95102724)	481700.00	3635500.00	1.38570c (95102724)
478900.00	3635600.00	1.01780c (95030824)	479000.00	3635600.00	1.25919c (95030824)
479100.00	3635600.00	1.44078c (95030824)	479200.00	3635600.00	1.50214c (95030824)
479300.00	3635600.00	1.19868c (95102824)	479400.00	3635600.00	1.17280c (95030824)

CONC URBAN ELEV DFAULT

*** THE 2ND HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479500.00	3635600.00	1.16349c	(95111824)	479600.00	3635600.00	0.96151c	(95031424)
479700.00	3635600.00	0.73565c	(95091724)	479800.00	3635600.00	1.03407c	(95091724)
479900.00	3635600.00	1.66400c	(95022424)	480000.00	3635600.00	2.28363c	(95102124)
480100.00	3635600.00	2.42958c	(95102124)	480200.00	3635600.00	2.09638c	(95102124)
480300.00	3635600.00	1.78572c	(95102124)	480400.00	3635600.00	1.65982c	(95052624)
480500.00	3635600.00	1.78294c	(95052624)	480600.00	3635600.00	1.69360c	(95052624)
480700.00	3635600.00	1.78616c	(95111424)	480800.00	3635600.00	1.82548	(95083124)
480900.00	3635600.00	1.77979c	(95031824)	481000.00	3635600.00	1.75798c	(95060424)
481100.00	3635600.00	1.84322	(95083124)	481200.00	3635600.00	1.73792c	(95102724)
481300.00	3635600.00	1.74134c	(95102724)	481400.00	3635600.00	1.70043c	(95102724)
481500.00	3635600.00	1.61643c	(95102724)	481600.00	3635600.00	1.49113c	(95102724)
481700.00	3635600.00	1.37565c	(95052024)	478900.00	3635700.00	1.54697c	(95020224)
479000.00	3635700.00	1.15977c	(95030824)	479100.00	3635700.00	1.44866c	(95030824)
479200.00	3635700.00	1.65536c	(95030824)	479300.00	3635700.00	1.69885c	(95030824)
479400.00	3635700.00	1.30893c	(95111824)	479500.00	3635700.00	1.38279c	(95111824)
479600.00	3635700.00	1.21069c	(95031424)	479700.00	3635700.00	0.91766c	(95031424)
479800.00	3635700.00	1.11646c	(95091724)	479900.00	3635700.00	1.78271c	(95022424)
480000.00	3635700.00	2.58711c	(95102124)	480100.00	3635700.00	2.73737c	(95102124)
480200.00	3635700.00	2.27016c	(95102124)	480300.00	3635700.00	1.92442c	(95102124)
480400.00	3635700.00	2.04179c	(95052624)	480500.00	3635700.00	2.11674c	(95052624)
480600.00	3635700.00	2.00381c	(95111424)	480700.00	3635700.00	1.91831c	(95111424)
480800.00	3635700.00	1.93930	(95083124)	480900.00	3635700.00	1.93356c	(95022324)
481000.00	3635700.00	1.98268	(95083124)	481100.00	3635700.00	1.91230c	(95060424)
481200.00	3635700.00	1.88739c	(95102724)	481300.00	3635700.00	1.84458c	(95102724)
481400.00	3635700.00	1.75626c	(95102724)	481500.00	3635700.00	1.62072c	(95102724)
481600.00	3635700.00	1.59243c	(95052024)	481700.00	3635700.00	1.70019c	(95052024)
478900.00	3635800.00	2.12173c	(95102824)	479000.00	3635800.00	1.92471c	(95020224)
479100.00	3635800.00	1.34123c	(95030824)	479200.00	3635800.00	1.69270c	(95030824)
479300.00	3635800.00	1.92799c	(95030824)	479400.00	3635800.00	1.93639c	(95030824)
479500.00	3635800.00	1.56706c	(95111824)	479600.00	3635800.00	1.52309c	(95111824)
479700.00	3635800.00	1.21064c	(95031424)	479800.00	3635800.00	1.18896c	(95091724)
479900.00	3635800.00	1.90284c	(95022424)	480000.00	3635800.00	2.97599c	(95102124)
480100.00	3635800.00	3.12891c	(95102124)	480200.00	3635800.00	2.46578c	(95102124)
480300.00	3635800.00	2.08908c	(95102124)	480400.00	3635800.00	2.52266c	(95052624)
480500.00	3635800.00	2.48532c	(95052624)	480600.00	3635800.00	2.35465c	(95031824)
480700.00	3635800.00	2.19055c	(95060424)	480800.00	3635800.00	2.16097c	(95022324)

480900.00	3635800.00	2.13150c (95060424)	481000.00	3635800.00	2.14943c (95060424)
481100.00	3635800.00	2.08854c (95060424)	481200.00	3635800.00	2.02503c (95102724)
481300.00	3635800.00	1.93164c (95102724)	481400.00	3635800.00	1.78354c (95102724)
481500.00	3635800.00	1.85371c (95052024)	481600.00	3635800.00	1.95862c (95052024)

CONC URBAN ELEV DFAULT

*** THE 2ND HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
481700.00	3635800.00	2.01926c	(95052024)	478900.00	3635900.00	3.01406c	(95112024)
479000.00	3635900.00	2.43862c	(95112024)	479100.00	3635900.00	2.41377c	(95020224)
479200.00	3635900.00	1.62961c	(95020224)	479300.00	3635900.00	2.01285c	(95030824)
479400.00	3635900.00	2.28028c	(95030824)	479500.00	3635900.00	2.17779c	(95102824)
479600.00	3635900.00	1.85435c	(95111824)	479700.00	3635900.00	1.60297c	(95031424)
479800.00	3635900.00	1.23079c	(95091724)	479900.00	3635900.00	2.01252c	(95022424)
480000.00	3635900.00	3.48703c	(95102124)	480100.00	3635900.00	3.64091c	(95102124)
480200.00	3635900.00	2.69042c	(95102124)	480300.00	3635900.00	2.64340c	(95052624)
480400.00	3635900.00	3.10571c	(95052624)	480500.00	3635900.00	2.87978c	(95052624)
480600.00	3635900.00	2.68215c	(95031824)	480700.00	3635900.00	2.48607c	(95022424)
480800.00	3635900.00	2.41302c	(95031824)	480900.00	3635900.00	2.39777c	(95060424)
481000.00	3635900.00	2.41027c	(95060424)	481100.00	3635900.00	2.25600c	(95102724)
481200.00	3635900.00	2.15624c	(95102724)	481300.00	3635900.00	2.02521c	(95052024)
481400.00	3635900.00	2.16904c	(95052024)	481500.00	3635900.00	2.26625c	(95052024)
481600.00	3635900.00	2.31168c	(95052024)	481700.00	3635900.00	2.18090c	(95022324)
478900.00	3636000.00	3.89893c	(95112024)	479000.00	3636000.00	3.65875c	(95112024)
479100.00	3636000.00	3.11068c	(95112024)	479200.00	3636000.00	3.04748c	(95020224)
479300.00	3636000.00	2.13833c	(95020224)	479400.00	3636000.00	2.44271c	(95030824)
479500.00	3636000.00	2.74482c	(95030824)	479600.00	3636000.00	2.26710c	(95102824)
479700.00	3636000.00	2.13367c	(95111824)	479800.00	3636000.00	1.57842c	(95031424)
479900.00	3636000.00	2.27903c	(95070524)	480000.00	3636000.00	4.17875c	(95102124)
480100.00	3636000.00	4.33058c	(95102124)	480200.00	3636000.00	3.03915c	(95120924)
480300.00	3636000.00	3.34348c	(95022424)	480400.00	3636000.00	3.77981c	(95052624)
480500.00	3636000.00	3.51809c	(95011424)	480600.00	3636000.00	3.02636c	(95011424)
480700.00	3636000.00	2.89061c	(95022424)	480800.00	3636000.00	2.74948c	(95031824)
480900.00	3636000.00	2.75456c	(95060424)	481000.00	3636000.00	2.68275c	(95060424)
481100.00	3636000.00	2.44990c	(95102724)	481200.00	3636000.00	2.41772c	(95052024)
481300.00	3636000.00	2.55155c	(95052024)	481400.00	3636000.00	2.63500c	(95052024)
481500.00	3636000.00	2.65895c	(95052024)	481600.00	3636000.00	2.38058c	(95022324)
481700.00	3636000.00	1.95356c	(95022324)	478900.00	3636100.00	3.61504c	(95020224)
479000.00	3636100.00	4.29132c	(95020224)	479100.00	3636100.00	4.38614c	(95112024)
479200.00	3636100.00	3.93983c	(95112024)	479300.00	3636100.00	3.86253c	(95020224)
479400.00	3636100.00	2.86375c	(95020224)	479500.00	3636100.00	3.03942c	(95030824)
479600.00	3636100.00	3.37624c	(95030824)	479700.00	3636100.00	2.68308c	(95111824)
479800.00	3636100.00	2.30308c	(95031424)	479900.00	3636100.00	2.45914c	(95101924)
480000.00	3636100.00	5.14827c	(95102124)	480100.00	3636100.00	5.29147c	(95102124)
480200.00	3636100.00	3.66695c	(95120924)	480300.00	3636100.00	4.06687c	(95022424)

480400.00	3636100.00	4.53194c (95052624)	480500.00	3636100.00	4.24627c (95011424)
480600.00	3636100.00	4.10706c (95022324)	480700.00	3636100.00	3.24090c (95031824)
480800.00	3636100.00	3.27840c (95031824)	480900.00	3636100.00	3.18786c (95060424)

CONC URBAN ELEV DFAULT

*** THE 2ND HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
481000.00	3636100.00	2.89642c	(95060424)	481100.00	3636100.00	2.90482c	(95052024)
481200.00	3636100.00	3.01811c	(95052024)	481300.00	3636100.00	3.08287c	(95052024)
481400.00	3636100.00	3.08009c	(95052024)	481500.00	3636100.00	2.62484c	(95022324)
481600.00	3636100.00	2.10745c	(95022324)	481700.00	3636100.00	1.94397c	(95022524)
478900.00	3636200.00	2.57348c	(95020224)	479000.00	3636200.00	3.61975c	(95020224)
479100.00	3636200.00	4.59362c	(95020224)	479200.00	3636200.00	5.17836c	(95112024)
479300.00	3636200.00	4.92556c	(95112024)	479400.00	3636200.00	4.60491c	(95102824)
479500.00	3636200.00	3.91100c	(95020224)	479600.00	3636200.00	3.90302c	(95030824)
479700.00	3636200.00	4.27955c	(95030824)	479800.00	3636200.00	3.38732c	(95111824)
479900.00	3636200.00	2.68805c	(95101924)	480000.00	3636200.00	6.56809c	(95102124)
480100.00	3636200.00	6.68734c	(95102124)	480200.00	3636200.00	5.04201c	(95052624)
480300.00	3636200.00	5.38134c	(95022424)	480400.00	3636200.00	5.36307c	(95052624)
480500.00	3636200.00	5.20933c	(95022324)	480600.00	3636200.00	4.94998c	(95022424)
480700.00	3636200.00	3.98911c	(95031824)	480800.00	3636200.00	4.01174c	(95031824)
480900.00	3636200.00	3.60464c	(95060424)	481000.00	3636200.00	3.51508c	(95052024)
481100.00	3636200.00	3.59993c	(95052024)	481200.00	3636200.00	3.64488c	(95052024)
481300.00	3636200.00	3.52691c	(95022324)	481400.00	3636200.00	2.93534c	(95022324)
481500.00	3636200.00	2.35368c	(95022524)	481600.00	3636200.00	2.23508c	(95022524)
481700.00	3636200.00	2.07911c	(95022524)	478900.00	3636300.00	2.56650c	(95122724)
479000.00	3636300.00	2.75436c	(95122524)	479100.00	3636300.00	3.48929c	(95020224)
479200.00	3636300.00	4.81470c	(95020224)	479300.00	3636300.00	5.86023c	(95020224)
479400.00	3636300.00	6.06201c	(95112024)	479500.00	3636300.00	5.60413c	(95112024)
479600.00	3636300.00	5.38805c	(95020224)	481000.00	3636300.00	4.35306c	(95052024)
481100.00	3636300.00	4.38593c	(95052024)	481200.00	3636300.00	4.11303c	(95022324)
481300.00	3636300.00	3.34803c	(95022324)	481400.00	3636300.00	2.77649c	(95022524)
481500.00	3636300.00	2.58292c	(95022524)	481600.00	3636300.00	2.35044c	(95022524)
481700.00	3636300.00	2.10170c	(95022524)	478900.00	3636400.00	2.88615c	(95122524)
479000.00	3636400.00	3.21645c	(95122524)	479100.00	3636400.00	3.23260c	(95122724)
479200.00	3636400.00	3.51875c	(95122524)	479300.00	3636400.00	4.90212c	(95020224)
479400.00	3636400.00	6.50281c	(95020224)	479500.00	3636400.00	7.40802c	(95112024)
479600.00	3636400.00	7.28133c	(95112024)	481000.00	3636400.00	5.43308c	(95052024)
481100.00	3636400.00	4.94932c	(95022324)	481200.00	3636400.00	3.92592c	(95022324)
481300.00	3636400.00	3.31639c	(95022524)	481400.00	3636400.00	3.00643c	(95022524)
481500.00	3636400.00	2.66295c	(95022524)	481600.00	3636400.00	2.31714c	(95022524)
481700.00	3636400.00	1.99121c	(95022524)	478900.00	3636500.00	2.50041c	(95122524)
479000.00	3636500.00	3.07541c	(95122524)	479100.00	3636500.00	3.67760c	(95122524)
479200.00	3636500.00	4.08882c	(95122724)	479300.00	3636500.00	4.12927c	(95122724)

479400.00	3636500.00	4.87059c (95122524)	479500.00	3636500.00	7.12681c (95020224)
479600.00	3636500.00	8.89569c (95020224)	481000.00	3636500.00	6.17539c (95022324)
481100.00	3636500.00	4.76936c (95022324)	481200.00	3636500.00	4.01593c (95022524)

CONC URBAN ELEV DFAULT

*** THE 2ND HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
481300.00	3636500.00	3.52531c	(95022524)	481400.00	3636500.00	3.02108c	(95022524)
481500.00	3636500.00	2.54512c	(95022524)	481600.00	3636500.00	2.12121c	(95022524)
481700.00	3636500.00	1.75891c	(95022524)	478900.00	3636600.00	2.03170c	(95112824)
479000.00	3636600.00	2.43316c	(95122524)	479100.00	3636600.00	3.12605c	(95122524)
479200.00	3636600.00	4.01127c	(95122524)	479300.00	3636600.00	4.90136c	(95122724)
479400.00	3636600.00	5.24316c	(95122724)	479500.00	3636600.00	5.72135c	(95112024)
479600.00	3636600.00	7.71358c	(95122524)	481000.00	3636600.00	6.07175c	(95022324)
481100.00	3636600.00	4.92329c	(95022524)	481200.00	3636600.00	4.16480c	(95022524)
481300.00	3636600.00	3.42841c	(95022524)	481400.00	3636600.00	2.77407c	(95022524)
481500.00	3636600.00	2.21181c	(95051924)	481600.00	3636600.00	1.86832c	(95051924)
481700.00	3636600.00	1.63331c	(95052124)	478900.00	3636700.00	2.09024c	(95012224)
479000.00	3636700.00	2.32622c	(95012224)	479100.00	3636700.00	2.58820c	(95112824)
479200.00	3636700.00	3.04833c	(95122724)	479300.00	3636700.00	4.11450c	(95122524)
479400.00	3636700.00	5.34338c	(95122724)	479500.00	3636700.00	6.44942c	(95122724)
479600.00	3636700.00	7.24764c	(95122724)	481000.00	3636700.00	6.20921c	(95022524)
481100.00	3636700.00	5.00680c	(95022524)	481200.00	3636700.00	3.88164c	(95022524)
481300.00	3636700.00	2.90893c	(95081824)	481400.00	3636700.00	2.33361c	(95051924)
481500.00	3636700.00	2.09394c	(95052124)	481600.00	3636700.00	1.93540c	(95031924)
481700.00	3636700.00	1.71301c	(95081824)	478900.00	3636800.00	2.43900	(95121824)
479000.00	3636800.00	2.61391	(95121824)	479100.00	3636800.00	2.82157	(95121824)
479200.00	3636800.00	3.15470c	(95012224)	479300.00	3636800.00	3.69665c	(95012224)
479400.00	3636800.00	4.24648c	(95112324)	479500.00	3636800.00	5.24219c	(95012224)
479600.00	3636800.00	7.17908c	(95122724)	481000.00	3636800.00	6.05785c	(95022524)
481100.00	3636800.00	4.09547c	(95081824)	481200.00	3636800.00	3.22150c	(95051124)
481300.00	3636800.00	2.85481c	(95031924)	481400.00	3636800.00	2.43057c	(95101824)
481500.00	3636800.00	2.18464c	(95101824)	481600.00	3636800.00	1.97505c	(95101824)
481700.00	3636800.00	1.79527c	(95101824)	478900.00	3636900.00	3.03091c	(95112924)
479000.00	3636900.00	3.29014c	(95112924)	479100.00	3636900.00	3.59722c	(95112924)
479200.00	3636900.00	3.97407c	(95112924)	479300.00	3636900.00	4.45386c	(95112924)
479400.00	3636900.00	5.09414c	(95112924)	479500.00	3636900.00	5.97743c	(95112924)
479600.00	3636900.00	7.21405c	(95112924)	481000.00	3636900.00	5.21248c	(95081824)
481100.00	3636900.00	4.12850c	(95101824)	481200.00	3636900.00	3.49116c	(95031924)
481300.00	3636900.00	2.94766c	(95031924)	481400.00	3636900.00	2.61819c	(95101824)
481500.00	3636900.00	2.29530c	(95101824)	481600.00	3636900.00	2.03157c	(95101824)
481700.00	3636900.00	1.81412c	(95101824)	478900.00	3637000.00	3.44288c	(95112924)
479000.00	3637000.00	3.74127c	(95112924)	479100.00	3637000.00	4.10760c	(95112924)
479200.00	3637000.00	4.57007c	(95112924)	479300.00	3637000.00	5.17357c	(95112924)

479400.00	3637000.00	5.97168c (95112924)	479500.00	3637000.00	6.91213c (95010624)
479600.00	3637000.00	8.71466c (95012924)	481000.00	3637000.00	5.82046c (95101824)
481100.00	3637000.00	4.33891c (95101824)	481200.00	3637000.00	3.63897c (95020524)

CONC URBAN ELEV DFAULT

*** THE 2ND HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
481300.00	3637000.00	3.09014c	(95040824)	481400.00	3637000.00	2.60301c	(95040824)
481500.00	3637000.00	2.22411c	(95040824)	481600.00	3637000.00	2.05596c	(95121124)
481700.00	3637000.00	1.93495c	(95121124)	478900.00	3637100.00	3.30539c	(95010224)
479000.00	3637100.00	3.51591c	(95010224)	479100.00	3637100.00	3.81055c	(95010624)
479200.00	3637100.00	4.43945c	(95112324)	479300.00	3637100.00	4.90368c	(95012924)
479400.00	3637100.00	5.85670c	(95012924)	479500.00	3637100.00	6.96308c	(95012924)
479600.00	3637100.00	8.23037c	(95012924)	481000.00	3637100.00	5.78009c	(95040824)
481100.00	3637100.00	4.53885c	(95040824)	481200.00	3637100.00	3.69235c	(95040824)
481300.00	3637100.00	3.07786c	(95040824)	481400.00	3637100.00	2.61215c	(95040824)
481500.00	3637100.00	2.29635c	(95121124)	481600.00	3637100.00	2.17874c	(95121124)
481700.00	3637100.00	2.07632c	(95121124)	478900.00	3637200.00	3.16499c	(95120824)
479000.00	3637200.00	3.33715c	(95120824)	479100.00	3637200.00	3.74979c	(95012924)
479200.00	3637200.00	4.33412c	(95012924)	479300.00	3637200.00	4.95078c	(95012924)
479400.00	3637200.00	5.54891c	(95012924)	479500.00	3637200.00	6.03877c	(95012924)
479600.00	3637200.00	6.29242c	(95012924)	481000.00	3637200.00	4.57311c	(95050724)
481100.00	3637200.00	3.51261c	(95040824)	481200.00	3637200.00	3.28617c	(95020524)
481300.00	3637200.00	3.08113c	(95052324)	481400.00	3637200.00	2.49960c	(95052324)
481500.00	3637200.00	2.07241c	(95052324)	481600.00	3637200.00	1.95891c	(95121124)
481700.00	3637200.00	1.92236c	(95121124)	478900.00	3637300.00	3.05994c	(95012924)
479000.00	3637300.00	3.46670c	(95012924)	479100.00	3637300.00	3.86787c	(95012924)
479200.00	3637300.00	4.22431c	(95012924)	479300.00	3637300.00	4.48948c	(95012924)
479400.00	3637300.00	4.63185c	(95012924)	479500.00	3637300.00	4.69324c	(95012924)
479600.00	3637300.00	4.83435c	(95012924)	481000.00	3637300.00	5.19552c	(95052424)
481100.00	3637300.00	3.79520c	(95050724)	481200.00	3637300.00	2.99854c	(95050724)
481300.00	3637300.00	2.37261c	(95050724)	481400.00	3637300.00	2.20475c	(95020524)
481500.00	3637300.00	2.17043c	(95052324)	481600.00	3637300.00	1.82394c	(95052324)
481700.00	3637300.00	1.55848c	(95052324)	478900.00	3637400.00	3.22311c	(95012924)
479000.00	3637400.00	3.47293c	(95012924)	479100.00	3637400.00	3.65836c	(95012924)
479200.00	3637400.00	3.76938c	(95012924)	479300.00	3637400.00	3.82729c	(95012924)
479400.00	3637400.00	3.88655c	(95012924)	479500.00	3637400.00	3.97784c	(95012924)
479600.00	3637400.00	3.99159c	(95012924)	481000.00	3637400.00	5.28560c	(95052424)
481100.00	3637400.00	4.13513c	(95052424)	481200.00	3637400.00	3.19746c	(95052424)
481300.00	3637400.00	2.62255c	(95050724)	481400.00	3637400.00	2.17802c	(95050724)
481500.00	3637400.00	1.78843c	(95050724)	481600.00	3637400.00	1.51516c	(95020524)
481700.00	3637400.00	1.61693c	(95052324)	478900.00	3637500.00	3.12584c	(95012924)
479000.00	3637500.00	3.20767c	(95012924)	479100.00	3637500.00	3.23742c	(95012924)
479200.00	3637500.00	3.22851c	(95012924)	479300.00	3637500.00	3.18004c	(95012924)

479400.00	3637500.00	3.03561c (95012924)	479500.00	3637500.00	3.13174c (95031924)
479600.00	3637500.00	3.14561c (95010624)	479700.00	3637500.00	4.11206c (95110524)
479800.00	3637500.00	6.18419c (95110524)	479900.00	3637500.00	7.73429c (95021624)

CONC URBAN ELEV DFAULT

*** THE 2ND HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
480000.00	3637500.00	6.44598c	(95110824)	480100.00	3637500.00	7.14855c	(95110524)
480200.00	3637500.00	8.70143c	(95030424)	480300.00	3637500.00	8.57661c	(95110824)
480400.00	3637500.00	7.03973c	(95110824)	480500.00	3637500.00	5.85232c	(95052424)
480600.00	3637500.00	5.20470c	(95011124)	480700.00	3637500.00	4.98888c	(95011124)
480800.00	3637500.00	4.44891c	(95061424)	480900.00	3637500.00	4.67991c	(95052324)
481000.00	3637500.00	4.59219c	(95052324)	481100.00	3637500.00	4.02687c	(95052424)
481200.00	3637500.00	3.31416c	(95052424)	481300.00	3637500.00	2.70290c	(95052424)
481400.00	3637500.00	2.22778c	(95050724)	481500.00	3637500.00	1.95841c	(95050724)
481600.00	3637500.00	1.67929c	(95050724)	481700.00	3637500.00	1.41789c	(95050724)
478900.00	3637600.00	2.79362c	(95012924)	479000.00	3637600.00	2.74352c	(95012924)
479100.00	3637600.00	2.63471c	(95012924)	479200.00	3637600.00	2.44375c	(95012924)
479300.00	3637600.00	2.37353c	(95102424)	479400.00	3637600.00	2.42136c	(95102424)
479500.00	3637600.00	2.39744c	(95102424)	479600.00	3637600.00	2.73632c	(95122424)
479700.00	3637600.00	4.58073c	(95110524)	479800.00	3637600.00	6.33293c	(95110824)
479900.00	3637600.00	5.71504c	(95021624)	480000.00	3637600.00	4.92684c	(95123124)
480100.00	3637600.00	6.70369c	(95030424)	480200.00	3637600.00	6.84673c	(95030424)
480300.00	3637600.00	6.73981c	(95110824)	480400.00	3637600.00	4.71983c	(95110824)
480500.00	3637600.00	4.85031c	(95101024)	480600.00	3637600.00	4.44175c	(95030424)
480700.00	3637600.00	3.71708c	(95052424)	480800.00	3637600.00	3.68933c	(95052424)
480900.00	3637600.00	3.49711c	(95061424)	481000.00	3637600.00	3.40405c	(95052324)
481100.00	3637600.00	3.38459c	(95052324)	481200.00	3637600.00	3.18305c	(95052424)
481300.00	3637600.00	2.70251c	(95052424)	481400.00	3637600.00	2.27817c	(95052424)
481500.00	3637600.00	1.92265c	(95052424)	481600.00	3637600.00	1.71798c	(95012524)
481700.00	3637600.00	1.53720c	(95012524)	478900.00	3637700.00	2.24168c	(95012924)
479000.00	3637700.00	2.09265c	(95010624)	479100.00	3637700.00	1.89928c	(95110724)
479200.00	3637700.00	1.95265c	(95031924)	479300.00	3637700.00	2.08320c	(95102424)
479400.00	3637700.00	1.92032c	(95102424)	479500.00	3637700.00	2.10223c	(95030424)
479600.00	3637700.00	3.05545c	(95110524)	479700.00	3637700.00	4.51848c	(95110524)
479800.00	3637700.00	5.76527c	(95021624)	479900.00	3637700.00	4.19557c	(95021624)
480000.00	3637700.00	4.06473c	(95110824)	480100.00	3637700.00	5.38112c	(95030424)
480200.00	3637700.00	5.76066c	(95110824)	480300.00	3637700.00	5.27583c	(95110824)
480400.00	3637700.00	3.79663c	(95101024)	480500.00	3637700.00	4.13840c	(95101024)
480600.00	3637700.00	3.90039c	(95030424)	480700.00	3637700.00	3.22781c	(95101024)
480800.00	3637700.00	2.65002c	(95052424)	480900.00	3637700.00	2.90327c	(95052424)
481000.00	3637700.00	2.83156c	(95061424)	481100.00	3637700.00	2.69659c	(95061424)
481200.00	3637700.00	2.58831c	(95052324)	481300.00	3637700.00	2.56012c	(95052324)
481400.00	3637700.00	2.24631c	(95052424)	481500.00	3637700.00	1.93385c	(95052424)

481600.00	3637700.00	1.76000c (95012524)	481700.00	3637700.00	1.65140c (95012524)
478900.00	3637800.00	1.68070c (95110724)	479000.00	3637800.00	1.50826c (95110724)
479100.00	3637800.00	1.71578c (95031924)	479200.00	3637800.00	1.75185c (95102424)

CONC URBAN ELEV DFAULT

*** THE 2ND HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479300.00	3637800.00	1.54044c	(95030424)	479400.00	3637800.00	1.68178c	(95030424)
479500.00	3637800.00	1.93168c	(95021624)	479600.00	3637800.00	3.40003c	(95021624)
479700.00	3637800.00	4.06202c	(95110524)	479800.00	3637800.00	4.65583c	(95021624)
479900.00	3637800.00	3.28855c	(95021624)	480000.00	3637800.00	3.84580c	(95030424)
480100.00	3637800.00	4.51833c	(95110824)	480200.00	3637800.00	4.63007c	(95030424)
480300.00	3637800.00	4.06881c	(95110824)	480400.00	3637800.00	3.07118c	(95101024)
480500.00	3637800.00	3.51462c	(95101024)	480600.00	3637800.00	3.45762c	(95101024)
480700.00	3637800.00	2.97917c	(95101024)	480800.00	3637800.00	2.31608c	(95101124)
480900.00	3637800.00	2.11549c	(95052424)	481000.00	3637800.00	2.34938c	(95011124)
481100.00	3637800.00	2.34740c	(95061424)	481200.00	3637800.00	2.22200c	(95061424)
481300.00	3637800.00	2.03725c	(95052324)	481400.00	3637800.00	2.04530c	(95052324)
481500.00	3637800.00	1.90142c	(95052424)	481600.00	3637800.00	1.67653c	(95012524)
481700.00	3637800.00	1.61513c	(95012524)	478900.00	3637900.00	1.24813c	(95031924)
479000.00	3637900.00	1.52802c	(95031924)	479100.00	3637900.00	1.44940c	(95102424)
479200.00	3637900.00	1.29485c	(95030424)	479300.00	3637900.00	1.37453c	(95030424)
479400.00	3637900.00	1.49036c	(95122424)	479500.00	3637900.00	2.20740c	(95021624)
479600.00	3637900.00	3.49201c	(95110524)	479700.00	3637900.00	4.20113c	(95110824)
479800.00	3637900.00	3.71332c	(95021624)	479900.00	3637900.00	2.85867c	(95021624)
480000.00	3637900.00	3.68010c	(95110824)	480100.00	3637900.00	4.33032c	(95110824)
480200.00	3637900.00	3.92145c	(95030424)	480300.00	3637900.00	3.10090c	(95110824)
480400.00	3637900.00	2.49724c	(95101024)	480500.00	3637900.00	2.96806c	(95101024)
480600.00	3637900.00	3.05020c	(95101024)	480700.00	3637900.00	2.44928c	(95011124)
480800.00	3637900.00	2.22648c	(95101024)	480900.00	3637900.00	1.78651c	(95101124)
481000.00	3637900.00	1.78720c	(95052424)	481100.00	3637900.00	1.93521c	(95061424)
481200.00	3637900.00	1.98582c	(95061424)	481300.00	3637900.00	1.87335c	(95061424)
481400.00	3637900.00	1.76537c	(95012524)	481500.00	3637900.00	1.66391c	(95052324)
481600.00	3637900.00	1.63642c	(95052424)	481700.00	3637900.00	1.51194c	(95012524)
478900.00	3638000.00	1.37538c	(95031924)	479000.00	3638000.00	1.18653c	(95102424)
479100.00	3638000.00	1.10463c	(95030424)	479200.00	3638000.00	1.18991c	(95123124)
479300.00	3638000.00	1.29278c	(95123124)	479400.00	3638000.00	1.57555c	(95110524)
479500.00	3638000.00	2.47518c	(95021624)	479600.00	3638000.00	3.29695c	(95110524)
479700.00	3638000.00	3.82495c	(95021624)	479800.00	3638000.00	3.04862c	(95021624)
479900.00	3638000.00	2.93449c	(95110524)	480000.00	3638000.00	3.61524c	(95110824)
480100.00	3638000.00	3.62025c	(95110524)	480200.00	3638000.00	3.37598c	(95030424)
480300.00	3638000.00	2.35392c	(95110824)	480400.00	3638000.00	2.10899c	(95052424)
480500.00	3638000.00	2.49964c	(95101024)	480600.00	3638000.00	2.67423c	(95101024)
480700.00	3638000.00	2.12732c	(95030424)	480800.00	3638000.00	2.13703c	(95101024)

480900.00	3638000.00	1.74560c (95101124)	481000.00	3638000.00	1.37392c (95080824)
481100.00	3638000.00	1.54925c (95052424)	481200.00	3638000.00	1.68310c (95061424)
481300.00	3638000.00	1.72458c (95102824)	481400.00	3638000.00	1.68080c (95012524)

CONC URBAN ELEV DFAULT

*** THE 2ND HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
481500.00	3638000.00	1.59780c	(95012524)	481600.00	3638000.00	1.49984c	(95012524)
481700.00	3638000.00	1.42020c	(95012524)	478900.00	3638100.00	0.96537c	(95102424)
479000.00	3638100.00	0.95425c	(95030424)	479100.00	3638100.00	1.04415c	(95123124)
479200.00	3638100.00	1.18297c	(95123124)	479300.00	3638100.00	1.18694	(95010424)
479400.00	3638100.00	1.65856c	(95021624)	479500.00	3638100.00	2.66355c	(95021624)
479600.00	3638100.00	2.97406c	(95110524)	479700.00	3638100.00	3.27170c	(95021624)
479800.00	3638100.00	2.64657c	(95021624)	479900.00	3638100.00	2.91352c	(95110524)
480000.00	3638100.00	3.24560c	(95110524)	480100.00	3638100.00	2.92182c	(95110524)
480200.00	3638100.00	2.94754c	(95030424)	480300.00	3638100.00	1.89088c	(95052424)
480400.00	3638100.00	1.90999c	(95052424)	480500.00	3638100.00	2.10666c	(95101024)
480600.00	3638100.00	2.33107c	(95101024)	480700.00	3638100.00	1.97748c	(95030424)
480800.00	3638100.00	1.88411c	(95011124)	480900.00	3638100.00	1.65801c	(95101124)
481000.00	3638100.00	1.39151c	(95101124)	481100.00	3638100.00	1.23457c	(95080824)
481200.00	3638100.00	1.39573c	(95102824)	481300.00	3638100.00	1.50553c	(95052424)
481400.00	3638100.00	1.58031c	(95052424)	481500.00	3638100.00	1.54286c	(95012524)
481600.00	3638100.00	1.46304c	(95012524)	481700.00	3638100.00	1.37115c	(95012524)
478900.00	3638200.00	0.83305c	(95030424)	479000.00	3638200.00	0.91621c	(95123124)
479100.00	3638200.00	1.07628c	(95123124)	479200.00	3638200.00	1.11864c	(95123124)
479300.00	3638200.00	1.24866c	(95031924)	479400.00	3638200.00	1.86565c	(95021624)
479500.00	3638200.00	2.74229c	(95021624)	479600.00	3638200.00	3.08206c	(95110824)
479700.00	3638200.00	2.82327c	(95021624)	479800.00	3638200.00	2.42831c	(95021624)
479900.00	3638200.00	2.76269c	(95110524)	480000.00	3638200.00	2.76955c	(95110524)
480100.00	3638200.00	2.44598c	(95030424)	480200.00	3638200.00	2.47829c	(95110824)
480300.00	3638200.00	1.71087c	(95052424)	480400.00	3638200.00	1.73902c	(95052424)
480500.00	3638200.00	1.78344c	(95101024)	480600.00	3638200.00	2.02441c	(95101024)
480700.00	3638200.00	1.82832c	(95030424)	480800.00	3638200.00	1.56334c	(95101124)
480900.00	3638200.00	1.61966c	(95101024)	481000.00	3638200.00	1.37095c	(95101124)
481100.00	3638200.00	1.16851c	(95080824)	481200.00	3638200.00	1.12861c	(95080824)
481300.00	3638200.00	1.27782c	(95012524)	481400.00	3638200.00	1.41702c	(95012524)
481500.00	3638200.00	1.46210c	(95012524)	481600.00	3638200.00	1.42945c	(95012524)
481700.00	3638200.00	1.33065c	(95052424)				

**MODELOPTs:
CONC URBAN ELEV DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

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

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	10.59118 AT (480650.00, 3637000.00, 114.80, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	9.18266 AT (480650.00, 3636950.00, 114.80, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	8.47367 AT (480650.00, 3637050.00, 112.70, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	7.82804 AT (480100.00, 3637050.00, 111.30, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	6.99202 AT (480650.00, 3636900.00, 114.40, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	5.78208 AT (480450.00, 3637150.00, 121.00, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	5.75427 AT (480700.00, 3636950.00, 111.60, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	5.68983 AT (480400.00, 3637150.00, 119.50, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	5.68801 AT (480700.00, 3637000.00, 107.50, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	5.68615 AT (480500.00, 3637150.00, 121.90, 0.00)	DC	NA

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

CONC URBAN ELEV DFAULT

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF OTHER 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	76.63254c	ON 95030424: AT (480100.00, 3637050.00, 111.30, 0.00)	DC	NA
	HIGH	2ND HIGH VALUE IS	50.87565c	ON 95110824: AT (480100.00, 3637050.00, 111.30, 0.00)	DC	NA

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

**MODELOPTs:
CONC URBAN ELEV DFAULT

*** Message Summary : ISCST3 Model Execution ***

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

A Total of 0 Fatal Error Message(s)
A Total of 0 Warning Message(s)
A Total of 1526 Informational Message(s)

A Total of 1525 Calm Hours Identified

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

******** WARNING MESSAGES ********
*** NONE ***

****
*** ISCST3 Finishes Successfully ***
****

```
NO ECHO

 BEE-Line ISCST3 "BEEST" Version 9.00

 Input File - C:\BEEST\UTC Construction Phase 2_95_OTHER.DTA

Output File - C:\BEEST\UTC Construction Phase 2_95_OTHER.LST

   Met File - C:\MetData\MIR95.ASC

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

CONC URBAN ELEV 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.
**NO GAS DRY DEPOSITION 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 Accepts Receptors on ELEV Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

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

**This Run Includes: 7 Source(s);   1 Source Group(s); and   1100 Receptor(s)

**The Model Assumes A Pollutant Type of: OTHER

**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) =    10.00 ;    Decay Coef. =    0.000     ;    Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                                 ;  Emission Rate Unit Factor =   0.10000E+07
                 Output Units   = MICROGRAMS/M**3

**Approximate Storage Requirements of Model =     1.3 MB of RAM.

**Input Runstream File:          UTC Construction Phase 2_95_OTHER.DTA
**Output Print File:             UTC Construction Phase 2_95_OTHER.LST
```

CONC URBAN ELEV DFAULT

*** 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	0.10760E-04	479999.6	3636524.2	109.1	0.00	85.00	85.00	0.00	1.00	HROFDY
AREA2	0	0.10821E-04	479999.6	3636609.2	109.7	0.00	85.00	370.00	0.00	1.00	HROFDY
AREA3	0	0.10819E-04	480084.6	3636701.8	110.0	0.00	75.00	275.00	0.00	1.00	HROFDY
AREA4	0	0.16240E-04	480059.6	3636979.2	110.6	0.00	45.00	20.00	0.00	1.00	HROFDY
AREA5	0	0.19885E-04	480104.6	3636979.2	111.4	0.00	105.00	35.00	0.00	1.00	HROFDY
AREA6	0	0.12985E-04	480254.6	3636979.2	114.3	0.00	340.00	100.00	0.00	1.00	HROFDY
AREA7	0	0.10810E-04	480429.6	3636749.2	115.3	0.00	92.50	125.00	0.00	1.00	HROFDY

CONC URBAN ELEV DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

CONC URBAN ELEV DFAULT

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SOURCE ID = AREA1 ; SOURCE TYPE = AREA :											
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00
SOURCE ID = AREA2 ; SOURCE TYPE = AREA :											
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00
SOURCE ID = AREA3 ; SOURCE TYPE = AREA :											
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00
SOURCE ID = AREA4 ; SOURCE TYPE = AREA :											
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00
SOURCE ID = AREA5 ; SOURCE TYPE = AREA :											
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

CONC URBAN ELEV DFAULT

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SOURCE ID = AREA6 ; SOURCE TYPE = AREA :											
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00
SOURCE ID = AREA7 ; SOURCE TYPE = AREA :											
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

CONC URBAN ELEV DFAULT

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

(479700.0,	3636250.0,	107.9,	0.0);	(479750.0,	3636250.0,	107.1,	0.0);
(479800.0,	3636250.0,	106.9,	0.0);	(479850.0,	3636250.0,	103.0,	0.0);
(479900.0,	3636250.0,	95.0,	0.0);	(479950.0,	3636250.0,	87.4,	0.0);
(480000.0,	3636250.0,	99.1,	0.0);	(480050.0,	3636250.0,	100.7,	0.0);
(480100.0,	3636250.0,	88.1,	0.0);	(480150.0,	3636250.0,	104.2,	0.0);
(480200.0,	3636250.0,	105.8,	0.0);	(480250.0,	3636250.0,	100.3,	0.0);
(480300.0,	3636250.0,	95.4,	0.0);	(480350.0,	3636250.0,	103.2,	0.0);
(480400.0,	3636250.0,	109.3,	0.0);	(480450.0,	3636250.0,	110.3,	0.0);
(480500.0,	3636250.0,	104.3,	0.0);	(480550.0,	3636250.0,	97.2,	0.0);
(480600.0,	3636250.0,	91.2,	0.0);	(480650.0,	3636250.0,	70.3,	0.0);
(480700.0,	3636250.0,	69.1,	0.0);	(480750.0,	3636250.0,	88.9,	0.0);
(480800.0,	3636250.0,	93.8,	0.0);	(480850.0,	3636250.0,	92.8,	0.0);
(480900.0,	3636250.0,	93.3,	0.0);	(479700.0,	3636300.0,	107.9,	0.0);
(479750.0,	3636300.0,	107.9,	0.0);	(479800.0,	3636300.0,	107.0,	0.0);
(479850.0,	3636300.0,	106.1,	0.0);	(479900.0,	3636300.0,	104.2,	0.0);
(479950.0,	3636300.0,	94.0,	0.0);	(480000.0,	3636300.0,	98.1,	0.0);
(480050.0,	3636300.0,	102.0,	0.0);	(480100.0,	3636300.0,	95.1,	0.0);
(480150.0,	3636300.0,	106.1,	0.0);	(480200.0,	3636300.0,	107.0,	0.0);
(480250.0,	3636300.0,	107.0,	0.0);	(480300.0,	3636300.0,	107.0,	0.0);
(480350.0,	3636300.0,	102.2,	0.0);	(480400.0,	3636300.0,	110.4,	0.0);
(480450.0,	3636300.0,	111.9,	0.0);	(480500.0,	3636300.0,	110.3,	0.0);
(480550.0,	3636300.0,	105.0,	0.0);	(480600.0,	3636300.0,	91.1,	0.0);
(480650.0,	3636300.0,	73.8,	0.0);	(480700.0,	3636300.0,	67.0,	0.0);
(480750.0,	3636300.0,	81.1,	0.0);	(480800.0,	3636300.0,	92.4,	0.0);
(480850.0,	3636300.0,	93.9,	0.0);	(480900.0,	3636300.0,	93.9,	0.0);
(479700.0,	3636350.0,	107.0,	0.0);	(479750.0,	3636350.0,	107.1,	0.0);
(479800.0,	3636350.0,	107.0,	0.0);	(479850.0,	3636350.0,	107.0,	0.0);
(479900.0,	3636350.0,	106.0,	0.0);	(479950.0,	3636350.0,	95.8,	0.0);
(480000.0,	3636350.0,	105.4,	0.0);	(480050.0,	3636350.0,	104.2,	0.0);
(480100.0,	3636350.0,	96.2,	0.0);	(480150.0,	3636350.0,	105.6,	0.0);
(480200.0,	3636350.0,	107.6,	0.0);	(480250.0,	3636350.0,	108.2,	0.0);
(480300.0,	3636350.0,	109.1,	0.0);	(480350.0,	3636350.0,	107.2,	0.0);
(480400.0,	3636350.0,	110.8,	0.0);	(480450.0,	3636350.0,	111.9,	0.0);
(480500.0,	3636350.0,	108.7,	0.0);	(480550.0,	3636350.0,	92.3,	0.0);
(480600.0,	3636350.0,	75.8,	0.0);	(480650.0,	3636350.0,	74.1,	0.0);
(480700.0,	3636350.0,	67.5,	0.0);	(480750.0,	3636350.0,	73.4,	0.0);
(480800.0,	3636350.0,	91.5,	0.0);	(480850.0,	3636350.0,	93.9,	0.0);
(480900.0,	3636350.0,	93.9,	0.0);	(479700.0,	3636400.0,	106.4,	0.0);
(479750.0,	3636400.0,	107.2,	0.0);	(479800.0,	3636400.0,	107.7,	0.0);
(479850.0,	3636400.0,	107.0,	0.0);	(479900.0,	3636400.0,	106.4,	0.0);
(479950.0,	3636400.0,	101.8,	0.0);	(480000.0,	3636400.0,	106.7,	0.0);

```
( 480050.0, 3636400.0,     106.8,       0.0);          ( 480100.0, 3636400.0,     102.3,       0.0);
( 480150.0, 3636400.0,     105.0,       0.0);          ( 480200.0, 3636400.0,     107.1,       0.0);
( 480250.0, 3636400.0,     108.6,       0.0);          ( 480300.0, 3636400.0,     109.1,       0.0);
( 480350.0, 3636400.0,     109.1,       0.0);          ( 480400.0, 3636400.0,     110.3,       0.0);
```

CONC URBAN ELEV DFAULT

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

(480450.0,	3636400.0,	111.9,	0.0);	(480500.0,	3636400.0,	104.2,	0.0);
(480550.0,	3636400.0,	82.6,	0.0);	(480600.0,	3636400.0,	83.6,	0.0);
(480650.0,	3636400.0,	88.5,	0.0);	(480700.0,	3636400.0,	76.0,	0.0);
(480750.0,	3636400.0,	67.1,	0.0);	(480800.0,	3636400.0,	88.7,	0.0);
(480850.0,	3636400.0,	93.7,	0.0);	(480900.0,	3636400.0,	93.9,	0.0);
(479700.0,	3636450.0,	107.9,	0.0);	(479750.0,	3636450.0,	107.9,	0.0);
(479800.0,	3636450.0,	107.9,	0.0);	(479850.0,	3636450.0,	107.9,	0.0);
(479900.0,	3636450.0,	107.0,	0.0);	(479950.0,	3636450.0,	106.1,	0.0);
(480000.0,	3636450.0,	106.1,	0.0);	(480050.0,	3636450.0,	107.0,	0.0);
(480100.0,	3636450.0,	107.0,	0.0);	(480150.0,	3636450.0,	107.9,	0.0);
(480200.0,	3636450.0,	109.1,	0.0);	(480250.0,	3636450.0,	109.1,	0.0);
(480300.0,	3636450.0,	110.0,	0.0);	(480350.0,	3636450.0,	110.0,	0.0);
(480400.0,	3636450.0,	110.9,	0.0);	(480450.0,	3636450.0,	110.9,	0.0);
(480500.0,	3636450.0,	98.3,	0.0);	(480550.0,	3636450.0,	83.7,	0.0);
(480600.0,	3636450.0,	100.9,	0.0);	(480650.0,	3636450.0,	103.4,	0.0);
(480700.0,	3636450.0,	84.4,	0.0);	(480750.0,	3636450.0,	67.1,	0.0);
(480800.0,	3636450.0,	81.4,	0.0);	(480850.0,	3636450.0,	92.7,	0.0);
(480900.0,	3636450.0,	93.9,	0.0);	(479700.0,	3636500.0,	109.1,	0.0);
(479750.0,	3636500.0,	109.1,	0.0);	(479800.0,	3636500.0,	109.0,	0.0);
(479850.0,	3636500.0,	107.9,	0.0);	(479900.0,	3636500.0,	107.7,	0.0);
(479950.0,	3636500.0,	108.4,	0.0);	(480250.0,	3636500.0,	110.0,	0.0);
(480300.0,	3636500.0,	110.0,	0.0);	(480350.0,	3636500.0,	110.8,	0.0);
(480400.0,	3636500.0,	110.9,	0.0);	(480450.0,	3636500.0,	108.3,	0.0);
(480500.0,	3636500.0,	92.0,	0.0);	(480550.0,	3636500.0,	91.4,	0.0);
(480600.0,	3636500.0,	99.7,	0.0);	(480650.0,	3636500.0,	91.7,	0.0);
(480700.0,	3636500.0,	81.3,	0.0);	(480750.0,	3636500.0,	70.7,	0.0);
(480800.0,	3636500.0,	74.2,	0.0);	(480850.0,	3636500.0,	90.7,	0.0);
(480900.0,	3636500.0,	93.3,	0.0);	(479700.0,	3636550.0,	110.0,	0.0);
(479750.0,	3636550.0,	110.0,	0.0);	(479800.0,	3636550.0,	109.3,	0.0);
(479850.0,	3636550.0,	109.1,	0.0);	(479900.0,	3636550.0,	108.8,	0.0);
(479950.0,	3636550.0,	109.2,	0.0);	(480450.0,	3636550.0,	104.3,	0.0);
(480500.0,	3636550.0,	89.8,	0.0);	(480550.0,	3636550.0,	100.6,	0.0);
(480600.0,	3636550.0,	103.6,	0.0);	(480650.0,	3636550.0,	90.7,	0.0);
(480700.0,	3636550.0,	90.7,	0.0);	(480750.0,	3636550.0,	79.7,	0.0);
(480800.0,	3636550.0,	71.5,	0.0);	(480850.0,	3636550.0,	85.4,	0.0);
(480900.0,	3636550.0,	93.9,	0.0);	(479700.0,	3636600.0,	110.0,	0.0);
(479750.0,	3636600.0,	110.0,	0.0);	(479800.0,	3636600.0,	110.0,	0.0);
(479850.0,	3636600.0,	109.1,	0.0);	(479900.0,	3636600.0,	109.1,	0.0);
(479950.0,	3636600.0,	109.1,	0.0);	(480700.0,	3636600.0,	104.4,	0.0);
(480750.0,	3636600.0,	81.1,	0.0);	(480800.0,	3636600.0,	73.7,	0.0);
(480850.0,	3636600.0,	75.7,	0.0);	(480900.0,	3636600.0,	93.0,	0.0);

```
( 479700.0, 3636650.0,     109.1,       0.0);         ( 479750.0, 3636650.0,     109.4,       0.0);
( 479800.0, 3636650.0,     109.3,       0.0);         ( 479850.0, 3636650.0,     109.1,       0.0);
( 479900.0, 3636650.0,     108.3,       0.0);         ( 479950.0, 3636650.0,     109.1,       0.0);
( 480700.0, 3636650.0,      93.2,       0.0);         ( 480750.0, 3636650.0,      93.4,       0.0);
```

CONC URBAN ELEV DFAULT

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

(480800.0,	3636650.0,	78.8,	0.0);	(480850.0,	3636650.0,	72.0,	0.0);
(480900.0,	3636650.0,	84.6,	0.0);	(479700.0,	3636700.0,	107.6,	0.0);
(479750.0,	3636700.0,	107.8,	0.0);	(479800.0,	3636700.0,	108.4,	0.0);
(479850.0,	3636700.0,	107.6,	0.0);	(479900.0,	3636700.0,	107.6,	0.0);
(479950.0,	3636700.0,	107.6,	0.0);	(480700.0,	3636700.0,	104.9,	0.0);
(480750.0,	3636700.0,	93.7,	0.0);	(480800.0,	3636700.0,	82.9,	0.0);
(480850.0,	3636700.0,	72.1,	0.0);	(480900.0,	3636700.0,	75.4,	0.0);
(479700.0,	3636750.0,	106.1,	0.0);	(479750.0,	3636750.0,	107.6,	0.0);
(479800.0,	3636750.0,	107.6,	0.0);	(479850.0,	3636750.0,	106.1,	0.0);
(479900.0,	3636750.0,	106.1,	0.0);	(479950.0,	3636750.0,	105.3,	0.0);
(480700.0,	3636750.0,	108.0,	0.0);	(480750.0,	3636750.0,	110.0,	0.0);
(480800.0,	3636750.0,	96.0,	0.0);	(480850.0,	3636750.0,	77.7,	0.0);
(480900.0,	3636750.0,	71.9,	0.0);	(479700.0,	3636800.0,	105.3,	0.0);
(479750.0,	3636800.0,	107.0,	0.0);	(479800.0,	3636800.0,	107.0,	0.0);
(479850.0,	3636800.0,	103.3,	0.0);	(479900.0,	3636800.0,	103.4,	0.0);
(479950.0,	3636800.0,	106.7,	0.0);	(480700.0,	3636800.0,	110.8,	0.0);
(480750.0,	3636800.0,	106.0,	0.0);	(480800.0,	3636800.0,	96.9,	0.0);
(480850.0,	3636800.0,	82.6,	0.0);	(480900.0,	3636800.0,	74.6,	0.0);
(479700.0,	3636850.0,	95.1,	0.0);	(479750.0,	3636850.0,	102.0,	0.0);
(479800.0,	3636850.0,	104.2,	0.0);	(479850.0,	3636850.0,	102.7,	0.0);
(479900.0,	3636850.0,	104.3,	0.0);	(479950.0,	3636850.0,	108.1,	0.0);
(480700.0,	3636850.0,	107.1,	0.0);	(480750.0,	3636850.0,	92.0,	0.0);
(480800.0,	3636850.0,	88.3,	0.0);	(480850.0,	3636850.0,	84.4,	0.0);
(480900.0,	3636850.0,	80.0,	0.0);	(479700.0,	3636900.0,	100.0,	0.0);
(479750.0,	3636900.0,	96.6,	0.0);	(479800.0,	3636900.0,	96.7,	0.0);
(479850.0,	3636900.0,	102.1,	0.0);	(479900.0,	3636900.0,	104.5,	0.0);
(479950.0,	3636900.0,	107.7,	0.0);	(480650.0,	3636900.0,	114.4,	0.0);
(480700.0,	3636900.0,	103.6,	0.0);	(480750.0,	3636900.0,	102.1,	0.0);
(480800.0,	3636900.0,	104.0,	0.0);	(480850.0,	3636900.0,	94.6,	0.0);
(480900.0,	3636900.0,	85.0,	0.0);	(479700.0,	3636950.0,	104.5,	0.0);
(479750.0,	3636950.0,	103.5,	0.0);	(479800.0,	3636950.0,	103.0,	0.0);
(479850.0,	3636950.0,	103.0,	0.0);	(479900.0,	3636950.0,	104.0,	0.0);
(479950.0,	3636950.0,	106.7,	0.0);	(480650.0,	3636950.0,	114.8,	0.0);
(480700.0,	3636950.0,	111.6,	0.0);	(480750.0,	3636950.0,	111.7,	0.0);
(480800.0,	3636950.0,	108.7,	0.0);	(480850.0,	3636950.0,	98.4,	0.0);
(480900.0,	3636950.0,	89.7,	0.0);	(479700.0,	3637000.0,	106.7,	0.0);
(479750.0,	3637000.0,	106.4,	0.0);	(479800.0,	3637000.0,	104.9,	0.0);
(479850.0,	3637000.0,	103.6,	0.0);	(479900.0,	3637000.0,	106.0,	0.0);
(479950.0,	3637000.0,	108.0,	0.0);	(480650.0,	3637000.0,	114.8,	0.0);
(480700.0,	3637000.0,	107.5,	0.0);	(480750.0,	3637000.0,	100.7,	0.0);
(480800.0,	3637000.0,	96.2,	0.0);	(480850.0,	3637000.0,	95.3,	0.0);

```
( 480900.0, 3637000.0,      88.0,       0.0);        ( 479700.0, 3637050.0,     109.1,       0.0);
( 479750.0, 3637050.0,     108.3,       0.0);        ( 479800.0, 3637050.0,     107.0,       0.0);
( 479850.0, 3637050.0,     106.1,       0.0);        ( 479900.0, 3637050.0,     107.6,       0.0);
( 479950.0, 3637050.0,     109.4,       0.0);        ( 480000.0, 3637050.0,     110.0,       0.0);
```

CONC URBAN ELEV DFAULT

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

(	480050.0,	3637050.0,	110.6,	0.0);	(480650.0,	3637050.0,	112.7,	0.0);
(	480700.0,	3637050.0,	104.2,	0.0);	(480750.0,	3637050.0,	103.9,	0.0);
(	480800.0,	3637050.0,	95.6,	0.0);	(480850.0,	3637050.0,	86.9,	0.0);
(	480900.0,	3637050.0,	85.0,	0.0);	(479700.0,	3637100.0,	110.0,	0.0);
(	479750.0,	3637100.0,	109.4,	0.0);	(479800.0,	3637100.0,	108.4,	0.0);
(	479850.0,	3637100.0,	107.6,	0.0);	(479900.0,	3637100.0,	108.4,	0.0);
(	479950.0,	3637100.0,	109.4,	0.0);	(480000.0,	3637100.0,	110.0,	0.0);
(	480050.0,	3637100.0,	110.9,	0.0);	(480100.0,	3637100.0,	111.9,	0.0);
(	480150.0,	3637100.0,	113.1,	0.0);	(480200.0,	3637100.0,	113.9,	0.0);
(	480650.0,	3637100.0,	114.8,	0.0);	(480700.0,	3637100.0,	112.7,	0.0);
(	480750.0,	3637100.0,	104.3,	0.0);	(480800.0,	3637100.0,	95.9,	0.0);
(	480850.0,	3637100.0,	98.2,	0.0);	(480900.0,	3637100.0,	85.6,	0.0);
(	479700.0,	3637150.0,	109.1,	0.0);	(479750.0,	3637150.0,	109.1,	0.0);
(	479800.0,	3637150.0,	109.1,	0.0);	(479850.0,	3637150.0,	107.9,	0.0);
(	479900.0,	3637150.0,	108.8,	0.0);	(479950.0,	3637150.0,	110.0,	0.0);
(	480000.0,	3637150.0,	110.9,	0.0);	(480050.0,	3637150.0,	111.6,	0.0);
(	480100.0,	3637150.0,	112.3,	0.0);	(480150.0,	3637150.0,	113.1,	0.0);
(	480200.0,	3637150.0,	114.2,	0.0);	(480250.0,	3637150.0,	115.3,	0.0);
(	480300.0,	3637150.0,	117.0,	0.0);	(480350.0,	3637150.0,	118.0,	0.0);
(	480400.0,	3637150.0,	119.5,	0.0);	(480450.0,	3637150.0,	121.0,	0.0);
(	480500.0,	3637150.0,	121.9,	0.0);	(480550.0,	3637150.0,	121.6,	0.0);
(	480600.0,	3637150.0,	119.3,	0.0);	(480650.0,	3637150.0,	116.2,	0.0);
(	480700.0,	3637150.0,	108.0,	0.0);	(480750.0,	3637150.0,	101.8,	0.0);
(	480800.0,	3637150.0,	108.8,	0.0);	(480850.0,	3637150.0,	105.4,	0.0);
(	480900.0,	3637150.0,	92.4,	0.0);	(479700.0,	3637200.0,	109.1,	0.0);
(	479750.0,	3637200.0,	109.1,	0.0);	(479800.0,	3637200.0,	109.1,	0.0);
(	479850.0,	3637200.0,	109.1,	0.0);	(479900.0,	3637200.0,	109.1,	0.0);
(	479950.0,	3637200.0,	110.0,	0.0);	(480000.0,	3637200.0,	110.9,	0.0);
(	480050.0,	3637200.0,	111.6,	0.0);	(480100.0,	3637200.0,	112.3,	0.0);
(	480150.0,	3637200.0,	114.0,	0.0);	(480200.0,	3637200.0,	114.6,	0.0);
(	480250.0,	3637200.0,	115.3,	0.0);	(480300.0,	3637200.0,	117.0,	0.0);
(	480350.0,	3637200.0,	118.6,	0.0);	(480400.0,	3637200.0,	120.4,	0.0);
(	480450.0,	3637200.0,	121.9,	0.0);	(480500.0,	3637200.0,	122.7,	0.0);
(	480550.0,	3637200.0,	121.6,	0.0);	(480600.0,	3637200.0,	120.1,	0.0);
(	480650.0,	3637200.0,	117.3,	0.0);	(480700.0,	3637200.0,	116.1,	0.0);
(	480750.0,	3637200.0,	116.1,	0.0);	(480800.0,	3637200.0,	117.0,	0.0);
(	480850.0,	3637200.0,	105.5,	0.0);	(480900.0,	3637200.0,	98.1,	0.0);
(	479700.0,	3637250.0,	109.1,	0.0);	(479750.0,	3637250.0,	109.1,	0.0);
(	479800.0,	3637250.0,	109.1,	0.0);	(479850.0,	3637250.0,	109.1,	0.0);
(	479900.0,	3637250.0,	109.1,	0.0);	(479950.0,	3637250.0,	110.2,	0.0);

```
( 480000.0, 3637250.0,     110.9,       0.0);          ( 480050.0, 3637250.0,     111.9,       0.0);
( 480100.0, 3637250.0,     113.3,       0.0);          ( 480150.0, 3637250.0,     114.0,       0.0);
( 480200.0, 3637250.0,     114.9,       0.0);          ( 480250.0, 3637250.0,     116.1,       0.0);
( 480300.0, 3637250.0,     118.0,       0.0);          ( 480350.0, 3637250.0,     118.9,       0.0);
( 480400.0, 3637250.0,     121.0,       0.0);          ( 480450.0, 3637250.0,     123.1,       0.0);
```

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

(	480500.0,	3637250.0,	123.1,	0.0);	(480550.0,	3637250.0,	123.1,	0.0);
(	480600.0,	3637250.0,	121.0,	0.0);	(480650.0,	3637250.0,	120.1,	0.0);
(	480700.0,	3637250.0,	118.0,	0.0);	(480750.0,	3637250.0,	116.1,	0.0);
(	480800.0,	3637250.0,	116.1,	0.0);	(480850.0,	3637250.0,	107.9,	0.0);
(	480900.0,	3637250.0,	89.9,	0.0);	(479700.0,	3637300.0,	104.5,	0.0);
(	479750.0,	3637300.0,	104.2,	0.0);	(479800.0,	3637300.0,	104.5,	0.0);
(	479850.0,	3637300.0,	107.0,	0.0);	(479900.0,	3637300.0,	109.7,	0.0);
(	479950.0,	3637300.0,	110.9,	0.0);	(480000.0,	3637300.0,	111.9,	0.0);
(	480050.0,	3637300.0,	112.4,	0.0);	(480100.0,	3637300.0,	113.3,	0.0);
(	480150.0,	3637300.0,	114.0,	0.0);	(480200.0,	3637300.0,	115.5,	0.0);
(	480250.0,	3637300.0,	116.3,	0.0);	(480300.0,	3637300.0,	117.7,	0.0);
(	480350.0,	3637300.0,	118.6,	0.0);	(480400.0,	3637300.0,	120.6,	0.0);
(	480450.0,	3637300.0,	121.6,	0.0);	(480500.0,	3637300.0,	122.5,	0.0);
(	480550.0,	3637300.0,	122.5,	0.0);	(480600.0,	3637300.0,	119.7,	0.0);
(	480650.0,	3637300.0,	115.5,	0.0);	(480700.0,	3637300.0,	115.6,	0.0);
(	480750.0,	3637300.0,	114.4,	0.0);	(480800.0,	3637300.0,	104.7,	0.0);
(	480850.0,	3637300.0,	96.3,	0.0);	(480900.0,	3637300.0,	90.6,	0.0);
(	479700.0,	3637350.0,	104.9,	0.0);	(479750.0,	3637350.0,	103.3,	0.0);
(	479800.0,	3637350.0,	104.2,	0.0);	(479850.0,	3637350.0,	107.0,	0.0);
(	479900.0,	3637350.0,	109.3,	0.0);	(479950.0,	3637350.0,	110.9,	0.0);
(	480000.0,	3637350.0,	110.9,	0.0);	(480050.0,	3637350.0,	111.6,	0.0);
(	480100.0,	3637350.0,	113.1,	0.0);	(480150.0,	3637350.0,	114.0,	0.0);
(	480200.0,	3637350.0,	114.9,	0.0);	(480250.0,	3637350.0,	116.4,	0.0);
(	480300.0,	3637350.0,	118.0,	0.0);	(480350.0,	3637350.0,	119.7,	0.0);
(	480400.0,	3637350.0,	121.7,	0.0);	(480450.0,	3637350.0,	121.9,	0.0);
(	480500.0,	3637350.0,	123.1,	0.0);	(480550.0,	3637350.0,	123.0,	0.0);
(	480600.0,	3637350.0,	118.9,	0.0);	(480650.0,	3637350.0,	115.0,	0.0);
(	480700.0,	3637350.0,	104.7,	0.0);	(480750.0,	3637350.0,	99.1,	0.0);
(	480800.0,	3637350.0,	98.0,	0.0);	(480850.0,	3637350.0,	103.6,	0.0);
(	480900.0,	3637350.0,	100.0,	0.0);	(479700.0,	3637400.0,	101.3,	0.0);
(	479750.0,	3637400.0,	101.6,	0.0);	(479800.0,	3637400.0,	103.8,	0.0);
(	479850.0,	3637400.0,	104.2,	0.0);	(479900.0,	3637400.0,	106.4,	0.0);
(	479950.0,	3637400.0,	108.8,	0.0);	(480000.0,	3637400.0,	110.0,	0.0);
(	480050.0,	3637400.0,	111.6,	0.0);	(480100.0,	3637400.0,	113.1,	0.0);
(	480150.0,	3637400.0,	114.0,	0.0);	(480200.0,	3637400.0,	115.3,	0.0);
(	480250.0,	3637400.0,	116.4,	0.0);	(480300.0,	3637400.0,	118.0,	0.0);
(	480350.0,	3637400.0,	119.7,	0.0);	(480400.0,	3637400.0,	121.3,	0.0);
(	480450.0,	3637400.0,	125.6,	0.0);	(480500.0,	3637400.0,	128.0,	0.0);
(	480550.0,	3637400.0,	126.2,	0.0);	(480600.0,	3637400.0,	122.1,	0.0);
(	480650.0,	3637400.0,	118.3,	0.0);	(480700.0,	3637400.0,	113.4,	0.0);

```
( 480750.0, 3637400.0,     100.4,       0.0);          ( 480800.0, 3637400.0,     112.3,       0.0);
( 480850.0, 3637400.0,     111.7,       0.0);          ( 480900.0, 3637400.0,     102.1,       0.0);
( 478900.0, 3635500.0,      96.1,       0.0);          ( 479000.0, 3635500.0,      90.6,       0.0);
( 479100.0, 3635500.0,      97.3,       0.0);          ( 479200.0, 3635500.0,      82.5,       0.0);
( 479300.0, 3635500.0,      84.1,       0.0);          ( 479400.0, 3635500.0,      79.3,       0.0);
```

CONC URBAN ELEV DFAULT

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

(	479500.0,	3635500.0,	78.3,	0.0);	(479600.0,	3635500.0,	68.8,	0.0);
(	479700.0,	3635500.0,	60.0,	0.0);	(479800.0,	3635500.0,	58.5,	0.0);
(	479900.0,	3635500.0,	55.4,	0.0);	(480000.0,	3635500.0,	53.9,	0.0);
(	480100.0,	3635500.0,	57.9,	0.0);	(480200.0,	3635500.0,	64.7,	0.0);
(	480300.0,	3635500.0,	76.7,	0.0);	(480400.0,	3635500.0,	95.7,	0.0);
(	480500.0,	3635500.0,	105.4,	0.0);	(480600.0,	3635500.0,	96.3,	0.0);
(	480700.0,	3635500.0,	77.3,	0.0);	(480800.0,	3635500.0,	98.8,	0.0);
(	480900.0,	3635500.0,	79.8,	0.0);	(481000.0,	3635500.0,	111.5,	0.0);
(	481100.0,	3635500.0,	104.9,	0.0);	(481200.0,	3635500.0,	100.4,	0.0);
(	481300.0,	3635500.0,	77.2,	0.0);	(481400.0,	3635500.0,	84.6,	0.0);
(	481500.0,	3635500.0,	99.7,	0.0);	(481600.0,	3635500.0,	109.2,	0.0);
(	481700.0,	3635500.0,	105.5,	0.0);	(478900.0,	3635600.0,	104.2,	0.0);
(	479000.0,	3635600.0,	96.7,	0.0);	(479100.0,	3635600.0,	101.9,	0.0);
(	479200.0,	3635600.0,	72.8,	0.0);	(479300.0,	3635600.0,	91.5,	0.0);
(	479400.0,	3635600.0,	83.3,	0.0);	(479500.0,	3635600.0,	81.8,	0.0);
(	479600.0,	3635600.0,	77.9,	0.0);	(479700.0,	3635600.0,	62.4,	0.0);
(	479800.0,	3635600.0,	79.5,	0.0);	(479900.0,	3635600.0,	73.8,	0.0);
(	480000.0,	3635600.0,	62.1,	0.0);	(480100.0,	3635600.0,	59.8,	0.0);
(	480200.0,	3635600.0,	58.9,	0.0);	(480300.0,	3635600.0,	56.7,	0.0);
(	480400.0,	3635600.0,	75.2,	0.0);	(480500.0,	3635600.0,	84.0,	0.0);
(	480600.0,	3635600.0,	74.9,	0.0);	(480700.0,	3635600.0,	64.6,	0.0);
(	480800.0,	3635600.0,	65.2,	0.0);	(480900.0,	3635600.0,	73.5,	0.0);
(	481000.0,	3635600.0,	70.7,	0.0);	(481100.0,	3635600.0,	71.1,	0.0);
(	481200.0,	3635600.0,	73.7,	0.0);	(481300.0,	3635600.0,	84.7,	0.0);
(	481400.0,	3635600.0,	99.4,	0.0);	(481500.0,	3635600.0,	105.4,	0.0);
(	481600.0,	3635600.0,	110.0,	0.0);	(481700.0,	3635600.0,	108.6,	0.0);
(	478900.0,	3635700.0,	97.6,	0.0);	(479000.0,	3635700.0,	100.3,	0.0);
(	479100.0,	3635700.0,	93.0,	0.0);	(479200.0,	3635700.0,	91.6,	0.0);
(	479300.0,	3635700.0,	99.7,	0.0);	(479400.0,	3635700.0,	86.0,	0.0);
(	479500.0,	3635700.0,	89.9,	0.0);	(479600.0,	3635700.0,	86.3,	0.0);
(	479700.0,	3635700.0,	79.9,	0.0);	(479800.0,	3635700.0,	90.7,	0.0);
(	479900.0,	3635700.0,	87.6,	0.0);	(480000.0,	3635700.0,	78.0,	0.0);
(	480100.0,	3635700.0,	67.4,	0.0);	(480200.0,	3635700.0,	63.7,	0.0);
(	480300.0,	3635700.0,	64.9,	0.0);	(480400.0,	3635700.0,	56.7,	0.0);
(	480500.0,	3635700.0,	63.3,	0.0);	(480600.0,	3635700.0,	73.2,	0.0);
(	480700.0,	3635700.0,	80.0,	0.0);	(480800.0,	3635700.0,	83.3,	0.0);
(	480900.0,	3635700.0,	79.9,	0.0);	(481000.0,	3635700.0,	85.3,	0.0);
(	481100.0,	3635700.0,	88.1,	0.0);	(481200.0,	3635700.0,	86.9,	0.0);
(	481300.0,	3635700.0,	89.3,	0.0);	(481400.0,	3635700.0,	101.4,	0.0);
(	481500.0,	3635700.0,	107.9,	0.0);	(481600.0,	3635700.0,	109.0,	0.0);

```
( 481700.0, 3635700.0,     104.9,       0.0);        ( 478900.0, 3635800.0,      93.8,       0.0);
( 479000.0, 3635800.0,      99.9,       0.0);        ( 479100.0, 3635800.0,      95.1,       0.0);
( 479200.0, 3635800.0,      88.2,       0.0);        ( 479300.0, 3635800.0,     101.9,       0.0);
( 479400.0, 3635800.0,     104.2,       0.0);        ( 479500.0, 3635800.0,     101.1,       0.0);
( 479600.0, 3635800.0,      91.2,       0.0);        ( 479700.0, 3635800.0,      82.0,       0.0);
```

CONC URBAN ELEV DFAULT

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

(	479800.0,	3635800.0,	105.3,	0.0);	(479900.0,	3635800.0,	100.8,	0.0);
(	480000.0,	3635800.0,	73.4,	0.0);	(480100.0,	3635800.0,	81.7,	0.0);
(	480200.0,	3635800.0,	65.3,	0.0);	(480300.0,	3635800.0,	76.6,	0.0);
(	480400.0,	3635800.0,	64.7,	0.0);	(480500.0,	3635800.0,	56.9,	0.0);
(	480600.0,	3635800.0,	69.4,	0.0);	(480700.0,	3635800.0,	88.6,	0.0);
(	480800.0,	3635800.0,	90.5,	0.0);	(480900.0,	3635800.0,	90.4,	0.0);
(	481000.0,	3635800.0,	83.3,	0.0);	(481100.0,	3635800.0,	69.2,	0.0);
(	481200.0,	3635800.0,	71.9,	0.0);	(481300.0,	3635800.0,	76.3,	0.0);
(	481400.0,	3635800.0,	69.5,	0.0);	(481500.0,	3635800.0,	70.4,	0.0);
(	481600.0,	3635800.0,	71.1,	0.0);	(481700.0,	3635800.0,	75.2,	0.0);
(	478900.0,	3635900.0,	89.3,	0.0);	(479000.0,	3635900.0,	102.1,	0.0);
(	479100.0,	3635900.0,	100.4,	0.0);	(479200.0,	3635900.0,	98.2,	0.0);
(	479300.0,	3635900.0,	103.6,	0.0);	(479400.0,	3635900.0,	104.9,	0.0);
(	479500.0,	3635900.0,	105.8,	0.0);	(479600.0,	3635900.0,	91.0,	0.0);
(	479700.0,	3635900.0,	99.0,	0.0);	(479800.0,	3635900.0,	105.1,	0.0);
(	479900.0,	3635900.0,	95.2,	0.0);	(480000.0,	3635900.0,	83.6,	0.0);
(	480100.0,	3635900.0,	89.0,	0.0);	(480200.0,	3635900.0,	73.6,	0.0);
(	480300.0,	3635900.0,	87.7,	0.0);	(480400.0,	3635900.0,	72.7,	0.0);
(	480500.0,	3635900.0,	68.3,	0.0);	(480600.0,	3635900.0,	62.4,	0.0);
(	480700.0,	3635900.0,	60.7,	0.0);	(480800.0,	3635900.0,	61.7,	0.0);
(	480900.0,	3635900.0,	60.7,	0.0);	(481000.0,	3635900.0,	63.7,	0.0);
(	481100.0,	3635900.0,	67.1,	0.0);	(481200.0,	3635900.0,	68.0,	0.0);
(	481300.0,	3635900.0,	70.9,	0.0);	(481400.0,	3635900.0,	72.0,	0.0);
(	481500.0,	3635900.0,	74.0,	0.0);	(481600.0,	3635900.0,	70.9,	0.0);
(	481700.0,	3635900.0,	69.6,	0.0);	(478900.0,	3636000.0,	98.8,	0.0);
(	479000.0,	3636000.0,	104.5,	0.0);	(479100.0,	3636000.0,	104.9,	0.0);
(	479200.0,	3636000.0,	104.2,	0.0);	(479300.0,	3636000.0,	104.9,	0.0);
(	479400.0,	3636000.0,	104.9,	0.0);	(479500.0,	3636000.0,	105.4,	0.0);
(	479600.0,	3636000.0,	98.0,	0.0);	(479700.0,	3636000.0,	106.1,	0.0);
(	479800.0,	3636000.0,	104.5,	0.0);	(479900.0,	3636000.0,	86.0,	0.0);
(	480000.0,	3636000.0,	100.0,	0.0);	(480100.0,	3636000.0,	88.4,	0.0);
(	480200.0,	3636000.0,	87.0,	0.0);	(480300.0,	3636000.0,	91.1,	0.0);
(	480400.0,	3636000.0,	92.4,	0.0);	(480500.0,	3636000.0,	74.3,	0.0);
(	480600.0,	3636000.0,	67.1,	0.0);	(480700.0,	3636000.0,	70.7,	0.0);
(	480800.0,	3636000.0,	67.7,	0.0);	(480900.0,	3636000.0,	74.1,	0.0);
(	481000.0,	3636000.0,	68.3,	0.0);	(481100.0,	3636000.0,	78.3,	0.0);
(	481200.0,	3636000.0,	82.9,	0.0);	(481300.0,	3636000.0,	84.1,	0.0);
(	481400.0,	3636000.0,	78.3,	0.0);	(481500.0,	3636000.0,	82.9,	0.0);
(	481600.0,	3636000.0,	82.6,	0.0);	(481700.0,	3636000.0,	80.4,	0.0);
(	478900.0,	3636100.0,	71.2,	0.0);	(479000.0,	3636100.0,	83.2,	0.0);
(	479100.0,	3636100.0,	88.7,	0.0);	(479200.0,	3636100.0,	103.3,	0.0);

```
( 479300.0, 3636100.0,     105.3,       0.0);          ( 479400.0, 3636100.0,     102.1,       0.0);
( 479500.0, 3636100.0,     106.4,       0.0);          ( 479600.0, 3636100.0,     106.6,       0.0);
( 479700.0, 3636100.0,     107.0,       0.0);          ( 479800.0, 3636100.0,      98.5,       0.0);
( 479900.0, 3636100.0,     104.1,       0.0);          ( 480000.0, 3636100.0,      96.7,       0.0);
```

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

(	480100.0,	3636100.0,	77.6,	0.0);	(480200.0,	3636100.0,	88.7,	0.0);
(	480300.0,	3636100.0,	103.6,	0.0);	(480400.0,	3636100.0,	100.9,	0.0);
(	480500.0,	3636100.0,	85.9,	0.0);	(480600.0,	3636100.0,	72.6,	0.0);
(	480700.0,	3636100.0,	79.3,	0.0);	(480800.0,	3636100.0,	79.6,	0.0);
(	480900.0,	3636100.0,	87.0,	0.0);	(481000.0,	3636100.0,	73.2,	0.0);
(	481100.0,	3636100.0,	87.6,	0.0);	(481200.0,	3636100.0,	83.3,	0.0);
(	481300.0,	3636100.0,	96.3,	0.0);	(481400.0,	3636100.0,	90.5,	0.0);
(	481500.0,	3636100.0,	92.7,	0.0);	(481600.0,	3636100.0,	100.0,	0.0);
(	481700.0,	3636100.0,	93.8,	0.0);	(478900.0,	3636200.0,	86.0,	0.0);
(	479000.0,	3636200.0,	84.1,	0.0);	(479100.0,	3636200.0,	78.6,	0.0);
(	479200.0,	3636200.0,	78.0,	0.0);	(479300.0,	3636200.0,	88.5,	0.0);
(	479400.0,	3636200.0,	92.7,	0.0);	(479500.0,	3636200.0,	105.0,	0.0);
(	479600.0,	3636200.0,	107.8,	0.0);	(479700.0,	3636200.0,	107.0,	0.0);
(	479800.0,	3636200.0,	107.0,	0.0);	(479900.0,	3636200.0,	101.9,	0.0);
(	480000.0,	3636200.0,	88.8,	0.0);	(480100.0,	3636200.0,	85.3,	0.0);
(	480200.0,	3636200.0,	95.2,	0.0);	(480300.0,	3636200.0,	100.7,	0.0);
(	480400.0,	3636200.0,	107.2,	0.0);	(480500.0,	3636200.0,	98.6,	0.0);
(	480600.0,	3636200.0,	81.0,	0.0);	(480700.0,	3636200.0,	74.2,	0.0);
(	480800.0,	3636200.0,	91.1,	0.0);	(480900.0,	3636200.0,	93.0,	0.0);
(	481000.0,	3636200.0,	84.9,	0.0);	(481100.0,	3636200.0,	89.2,	0.0);
(	481200.0,	3636200.0,	87.8,	0.0);	(481300.0,	3636200.0,	89.3,	0.0);
(	481400.0,	3636200.0,	99.4,	0.0);	(481500.0,	3636200.0,	99.0,	0.0);
(	481600.0,	3636200.0,	106.4,	0.0);	(481700.0,	3636200.0,	106.9,	0.0);
(	478900.0,	3636300.0,	95.7,	0.0);	(479000.0,	3636300.0,	92.0,	0.0);
(	479100.0,	3636300.0,	89.9,	0.0);	(479200.0,	3636300.0,	97.3,	0.0);
(	479300.0,	3636300.0,	91.7,	0.0);	(479400.0,	3636300.0,	99.1,	0.0);
(	479500.0,	3636300.0,	90.0,	0.0);	(479600.0,	3636300.0,	103.3,	0.0);
(	481000.0,	3636300.0,	92.7,	0.0);	(481100.0,	3636300.0,	75.0,	0.0);
(	481200.0,	3636300.0,	100.0,	0.0);	(481300.0,	3636300.0,	97.4,	0.0);
(	481400.0,	3636300.0,	85.4,	0.0);	(481500.0,	3636300.0,	103.0,	0.0);
(	481600.0,	3636300.0,	108.6,	0.0);	(481700.0,	3636300.0,	111.9,	0.0);
(	478900.0,	3636400.0,	101.6,	0.0);	(479000.0,	3636400.0,	97.1,	0.0);
(	479100.0,	3636400.0,	98.1,	0.0);	(479200.0,	3636400.0,	104.2,	0.0);
(	479300.0,	3636400.0,	104.0,	0.0);	(479400.0,	3636400.0,	107.0,	0.0);
(	479500.0,	3636400.0,	106.1,	0.0);	(479600.0,	3636400.0,	102.1,	0.0);
(	481000.0,	3636400.0,	91.8,	0.0);	(481100.0,	3636400.0,	83.9,	0.0);
(	481200.0,	3636400.0,	84.2,	0.0);	(481300.0,	3636400.0,	100.4,	0.0);
(	481400.0,	3636400.0,	101.2,	0.0);	(481500.0,	3636400.0,	97.0,	0.0);
(	481600.0,	3636400.0,	103.4,	0.0);	(481700.0,	3636400.0,	107.7,	0.0);
(	478900.0,	3636500.0,	104.9,	0.0);	(479000.0,	3636500.0,	98.6,	0.0);
(	479100.0,	3636500.0,	102.6,	0.0);	(479200.0,	3636500.0,	106.4,	0.0);

```
( 479300.0, 3636500.0,     107.7,       0.0);         ( 479400.0, 3636500.0,     107.9,       0.0);
( 479500.0, 3636500.0,     109.1,       0.0);         ( 479600.0, 3636500.0,     108.7,       0.0);
( 481000.0, 3636500.0,      93.9,       0.0);         ( 481100.0, 3636500.0,      92.6,       0.0);
( 481200.0, 3636500.0,      87.0,       0.0);         ( 481300.0, 3636500.0,      92.9,       0.0);
```

CONC URBAN ELEV DFAULT

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

(481400.0,	3636500.0,	99.7,	0.0);	(481500.0,	3636500.0,	105.3,	0.0);
(481600.0,	3636500.0,	105.5,	0.0);	(481700.0,	3636500.0,	107.1,	0.0);
(478900.0,	3636600.0,	104.9,	0.0);	(479000.0,	3636600.0,	105.4,	0.0);
(479100.0,	3636600.0,	102.1,	0.0);	(479200.0,	3636600.0,	106.4,	0.0);
(479300.0,	3636600.0,	100.4,	0.0);	(479400.0,	3636600.0,	98.1,	0.0);
(479500.0,	3636600.0,	106.7,	0.0);	(479600.0,	3636600.0,	109.7,	0.0);
(481000.0,	3636600.0,	91.7,	0.0);	(481100.0,	3636600.0,	95.1,	0.0);
(481200.0,	3636600.0,	93.9,	0.0);	(481300.0,	3636600.0,	86.0,	0.0);
(481400.0,	3636600.0,	97.3,	0.0);	(481500.0,	3636600.0,	107.9,	0.0);
(481600.0,	3636600.0,	111.9,	0.0);	(481700.0,	3636600.0,	110.9,	0.0);
(478900.0,	3636700.0,	101.5,	0.0);	(479000.0,	3636700.0,	98.5,	0.0);
(479100.0,	3636700.0,	94.3,	0.0);	(479200.0,	3636700.0,	93.3,	0.0);
(479300.0,	3636700.0,	88.6,	0.0);	(479400.0,	3636700.0,	94.3,	0.0);
(479500.0,	3636700.0,	91.0,	0.0);	(479600.0,	3636700.0,	104.7,	0.0);
(481000.0,	3636700.0,	90.9,	0.0);	(481100.0,	3636700.0,	94.7,	0.0);
(481200.0,	3636700.0,	97.3,	0.0);	(481300.0,	3636700.0,	96.8,	0.0);
(481400.0,	3636700.0,	93.4,	0.0);	(481500.0,	3636700.0,	101.4,	0.0);
(481600.0,	3636700.0,	109.3,	0.0);	(481700.0,	3636700.0,	110.7,	0.0);
(478900.0,	3636800.0,	88.3,	0.0);	(479000.0,	3636800.0,	83.1,	0.0);
(479100.0,	3636800.0,	84.3,	0.0);	(479200.0,	3636800.0,	92.0,	0.0);
(479300.0,	3636800.0,	101.8,	0.0);	(479400.0,	3636800.0,	103.3,	0.0);
(479500.0,	3636800.0,	102.3,	0.0);	(479600.0,	3636800.0,	96.0,	0.0);
(481000.0,	3636800.0,	91.7,	0.0);	(481100.0,	3636800.0,	95.2,	0.0);
(481200.0,	3636800.0,	100.3,	0.0);	(481300.0,	3636800.0,	100.3,	0.0);
(481400.0,	3636800.0,	101.9,	0.0);	(481500.0,	3636800.0,	99.0,	0.0);
(481600.0,	3636800.0,	100.9,	0.0);	(481700.0,	3636800.0,	108.6,	0.0);
(478900.0,	3636900.0,	83.6,	0.0);	(479000.0,	3636900.0,	93.6,	0.0);
(479100.0,	3636900.0,	96.9,	0.0);	(479200.0,	3636900.0,	103.9,	0.0);
(479300.0,	3636900.0,	105.7,	0.0);	(479400.0,	3636900.0,	109.1,	0.0);
(479500.0,	3636900.0,	108.7,	0.0);	(479600.0,	3636900.0,	103.6,	0.0);
(481000.0,	3636900.0,	76.9,	0.0);	(481100.0,	3636900.0,	91.0,	0.0);
(481200.0,	3636900.0,	103.9,	0.0);	(481300.0,	3636900.0,	106.4,	0.0);
(481400.0,	3636900.0,	113.7,	0.0);	(481500.0,	3636900.0,	109.1,	0.0);
(481600.0,	3636900.0,	103.6,	0.0);	(481700.0,	3636900.0,	108.1,	0.0);
(478900.0,	3637000.0,	85.1,	0.0);	(479000.0,	3637000.0,	90.8,	0.0);
(479100.0,	3637000.0,	97.0,	0.0);	(479200.0,	3637000.0,	103.3,	0.0);
(479300.0,	3637000.0,	105.8,	0.0);	(479400.0,	3637000.0,	110.0,	0.0);
(479500.0,	3637000.0,	110.9,	0.0);	(479600.0,	3637000.0,	109.4,	0.0);
(481000.0,	3637000.0,	82.8,	0.0);	(481100.0,	3637000.0,	76.2,	0.0);
(481200.0,	3637000.0,	96.0,	0.0);	(481300.0,	3637000.0,	96.7,	0.0);
(481400.0,	3637000.0,	111.3,	0.0);	(481500.0,	3637000.0,	108.3,	0.0);

```
( 481600.0, 3637000.0,     102.3,       0.0);          ( 481700.0, 3637000.0,     110.0,       0.0);
( 478900.0, 3637100.0,      99.1,       0.0);          ( 479000.0, 3637100.0,      97.1,       0.0);
( 479100.0, 3637100.0,      95.0,       0.0);          ( 479200.0, 3637100.0,      91.2,       0.0);
( 479300.0, 3637100.0,     102.3,       0.0);          ( 479400.0, 3637100.0,     107.9,       0.0);
```

CONC URBAN ELEV DFAULT

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

(	479500.0,	3637100.0,	110.0,	0.0);	(479600.0,	3637100.0,	110.0,	0.0);
(	481000.0,	3637100.0,	95.2,	0.0);	(481100.0,	3637100.0,	93.6,	0.0);
(	481200.0,	3637100.0,	78.0,	0.0);	(481300.0,	3637100.0,	80.5,	0.0);
(	481400.0,	3637100.0,	83.0,	0.0);	(481500.0,	3637100.0,	88.1,	0.0);
(	481600.0,	3637100.0,	90.2,	0.0);	(481700.0,	3637100.0,	91.7,	0.0);
(	478900.0,	3637200.0,	105.3,	0.0);	(479000.0,	3637200.0,	103.3,	0.0);
(	479100.0,	3637200.0,	103.9,	0.0);	(479200.0,	3637200.0,	103.9,	0.0);
(	479300.0,	3637200.0,	101.3,	0.0);	(479400.0,	3637200.0,	104.9,	0.0);
(	479500.0,	3637200.0,	109.1,	0.0);	(479600.0,	3637200.0,	109.1,	0.0);
(	481000.0,	3637200.0,	107.1,	0.0);	(481100.0,	3637200.0,	111.9,	0.0);
(	481200.0,	3637200.0,	109.1,	0.0);	(481300.0,	3637200.0,	85.6,	0.0);
(	481400.0,	3637200.0,	96.9,	0.0);	(481500.0,	3637200.0,	109.1,	0.0);
(	481600.0,	3637200.0,	113.0,	0.0);	(481700.0,	3637200.0,	98.2,	0.0);
(	478900.0,	3637300.0,	82.0,	0.0);	(479000.0,	3637300.0,	98.3,	0.0);
(	479100.0,	3637300.0,	104.5,	0.0);	(479200.0,	3637300.0,	106.3,	0.0);
(	479300.0,	3637300.0,	106.7,	0.0);	(479400.0,	3637300.0,	106.3,	0.0);
(	479500.0,	3637300.0,	105.6,	0.0);	(479600.0,	3637300.0,	103.9,	0.0);
(	481000.0,	3637300.0,	112.1,	0.0);	(481100.0,	3637300.0,	114.6,	0.0);
(	481200.0,	3637300.0,	109.3,	0.0);	(481300.0,	3637300.0,	86.9,	0.0);
(	481400.0,	3637300.0,	108.3,	0.0);	(481500.0,	3637300.0,	111.4,	0.0);
(	481600.0,	3637300.0,	119.0,	0.0);	(481700.0,	3637300.0,	102.7,	0.0);
(	478900.0,	3637400.0,	88.9,	0.0);	(479000.0,	3637400.0,	84.1,	0.0);
(	479100.0,	3637400.0,	94.1,	0.0);	(479200.0,	3637400.0,	100.0,	0.0);
(	479300.0,	3637400.0,	101.0,	0.0);	(479400.0,	3637400.0,	95.3,	0.0);
(	479500.0,	3637400.0,	94.2,	0.0);	(479600.0,	3637400.0,	96.6,	0.0);
(	481000.0,	3637400.0,	105.5,	0.0);	(481100.0,	3637400.0,	108.9,	0.0);
(	481200.0,	3637400.0,	95.3,	0.0);	(481300.0,	3637400.0,	90.6,	0.0);
(	481400.0,	3637400.0,	104.3,	0.0);	(481500.0,	3637400.0,	114.3,	0.0);
(	481600.0,	3637400.0,	115.2,	0.0);	(481700.0,	3637400.0,	110.6,	0.0);
(	478900.0,	3637500.0,	103.3,	0.0);	(479000.0,	3637500.0,	97.3,	0.0);
(	479100.0,	3637500.0,	88.1,	0.0);	(479200.0,	3637500.0,	89.3,	0.0);
(	479300.0,	3637500.0,	91.1,	0.0);	(479400.0,	3637500.0,	100.0,	0.0);
(	479500.0,	3637500.0,	103.9,	0.0);	(479600.0,	3637500.0,	103.3,	0.0);
(	479700.0,	3637500.0,	103.9,	0.0);	(479800.0,	3637500.0,	103.9,	0.0);
(	479900.0,	3637500.0,	106.3,	0.0);	(480000.0,	3637500.0,	110.0,	0.0);
(	480100.0,	3637500.0,	112.6,	0.0);	(480200.0,	3637500.0,	115.7,	0.0);
(	480300.0,	3637500.0,	117.0,	0.0);	(480400.0,	3637500.0,	121.3,	0.0);
(	480500.0,	3637500.0,	129.7,	0.0);	(480600.0,	3637500.0,	124.1,	0.0);
(	480700.0,	3637500.0,	115.7,	0.0);	(480800.0,	3637500.0,	116.9,	0.0);
(	480900.0,	3637500.0,	103.0,	0.0);	(481000.0,	3637500.0,	111.7,	0.0);
(	481100.0,	3637500.0,	112.3,	0.0);	(481200.0,	3637500.0,	99.1,	0.0);

```
( 481300.0, 3637500.0,      90.3,       0.0);         ( 481400.0, 3637500.0,     104.2,       0.0);
( 481500.0, 3637500.0,     107.9,       0.0);         ( 481600.0, 3637500.0,     108.3,       0.0);
( 481700.0, 3637500.0,     118.3,       0.0);         ( 478900.0, 3637600.0,     102.7,       0.0);
( 479000.0, 3637600.0,      99.4,       0.0);         ( 479100.0, 3637600.0,      98.5,       0.0);
```

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

(	479200.0,	3637600.0,	101.4, 0.0);	(	479300.0,	3637600.0,	109.0, 0.0);
(	479400.0,	3637600.0,	107.3, 0.0);	(	479500.0,	3637600.0,	104.1, 0.0);
(	479600.0,	3637600.0,	103.9, 0.0);	(	479700.0,	3637600.0,	105.3, 0.0);
(	479800.0,	3637600.0,	107.1, 0.0);	(	479900.0,	3637600.0,	108.8, 0.0);
(	480000.0,	3637600.0,	110.9, 0.0);	(	480100.0,	3637600.0,	113.3, 0.0);
(	480200.0,	3637600.0,	112.5, 0.0);	(	480300.0,	3637600.0,	117.0, 0.0);
(	480400.0,	3637600.0,	120.7, 0.0);	(	480500.0,	3637600.0,	128.7, 0.0);
(	480600.0,	3637600.0,	125.3, 0.0);	(	480700.0,	3637600.0,	120.7, 0.0);
(	480800.0,	3637600.0,	118.7, 0.0);	(	480900.0,	3637600.0,	105.4, 0.0);
(	481000.0,	3637600.0,	113.3, 0.0);	(	481100.0,	3637600.0,	118.1, 0.0);
(	481200.0,	3637600.0,	111.3, 0.0);	(	481300.0,	3637600.0,	102.7, 0.0);
(	481400.0,	3637600.0,	95.0, 0.0);	(	481500.0,	3637600.0,	95.1, 0.0);
(	481600.0,	3637600.0,	111.8, 0.0);	(	481700.0,	3637600.0,	116.6, 0.0);
(	478900.0,	3637700.0,	99.1, 0.0);	(	479000.0,	3637700.0,	100.9, 0.0);
(	479100.0,	3637700.0,	100.9, 0.0);	(	479200.0,	3637700.0,	103.5, 0.0);
(	479300.0,	3637700.0,	109.4, 0.0);	(	479400.0,	3637700.0,	109.7, 0.0);
(	479500.0,	3637700.0,	107.6, 0.0);	(	479600.0,	3637700.0,	106.5, 0.0);
(	479700.0,	3637700.0,	107.0, 0.0);	(	479800.0,	3637700.0,	108.3, 0.0);
(	479900.0,	3637700.0,	109.9, 0.0);	(	480000.0,	3637700.0,	111.9, 0.0);
(	480100.0,	3637700.0,	112.0, 0.0);	(	480200.0,	3637700.0,	103.8, 0.0);
(	480300.0,	3637700.0,	118.0, 0.0);	(	480400.0,	3637700.0,	124.5, 0.0);
(	480500.0,	3637700.0,	128.1, 0.0);	(	480600.0,	3637700.0,	127.1, 0.0);
(	480700.0,	3637700.0,	123.7, 0.0);	(	480800.0,	3637700.0,	121.3, 0.0);
(	480900.0,	3637700.0,	103.0, 0.0);	(	481000.0,	3637700.0,	115.6, 0.0);
(	481100.0,	3637700.0,	120.7, 0.0);	(	481200.0,	3637700.0,	113.1, 0.0);
(	481300.0,	3637700.0,	99.5, 0.0);	(	481400.0,	3637700.0,	109.6, 0.0);
(	481500.0,	3637700.0,	96.3, 0.0);	(	481600.0,	3637700.0,	109.3, 0.0);
(	481700.0,	3637700.0,	116.6, 0.0);	(	478900.0,	3637800.0,	101.0, 0.0);
(	479000.0,	3637800.0,	103.0, 0.0);	(	479100.0,	3637800.0,	103.0, 0.0);
(	479200.0,	3637800.0,	105.6, 0.0);	(	479300.0,	3637800.0,	110.0, 0.0);
(	479400.0,	3637800.0,	110.0, 0.0);	(	479500.0,	3637800.0,	109.1, 0.0);
(	479600.0,	3637800.0,	107.3, 0.0);	(	479700.0,	3637800.0,	107.0, 0.0);
(	479800.0,	3637800.0,	106.4, 0.0);	(	479900.0,	3637800.0,	110.3, 0.0);
(	480000.0,	3637800.0,	104.9, 0.0);	(	480100.0,	3637800.0,	94.0, 0.0);
(	480200.0,	3637800.0,	105.5, 0.0);	(	480300.0,	3637800.0,	118.0, 0.0);
(	480400.0,	3637800.0,	126.0, 0.0);	(	480500.0,	3637800.0,	128.9, 0.0);
(	480600.0,	3637800.0,	128.0, 0.0);	(	480700.0,	3637800.0,	123.7, 0.0);
(	480800.0,	3637800.0,	118.1, 0.0);	(	480900.0,	3637800.0,	116.1, 0.0);
(	481000.0,	3637800.0,	118.3, 0.0);	(	481100.0,	3637800.0,	119.3, 0.0);
(	481200.0,	3637800.0,	111.9, 0.0);	(	481300.0,	3637800.0,	109.6, 0.0);
(	481400.0,	3637800.0,	114.7, 0.0);	(	481500.0,	3637800.0,	107.9, 0.0);

```
( 481600.0, 3637800.0,      97.3,       0.0);        ( 481700.0, 3637800.0,     106.7,       0.0);
( 478900.0, 3637900.0,      96.4,       0.0);        ( 479000.0, 3637900.0,     101.8,       0.0);
( 479100.0, 3637900.0,     104.9,       0.0);        ( 479200.0, 3637900.0,     106.4,       0.0);
( 479300.0, 3637900.0,     108.8,       0.0);        ( 479400.0, 3637900.0,     110.0,       0.0);
```

CONC URBAN ELEV DFAULT

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

(	479500.0,	3637900.0,	109.0, 0.0);	(	479600.0,	3637900.0,	107.2, 0.0);
(	479700.0,	3637900.0,	104.9, 0.0);	(	479800.0,	3637900.0,	102.5, 0.0);
(	479900.0,	3637900.0,	89.7, 0.0);	(	480000.0,	3637900.0,	92.3, 0.0);
(	480100.0,	3637900.0,	111.8, 0.0);	(	480200.0,	3637900.0,	109.5, 0.0);
(	480300.0,	3637900.0,	118.0, 0.0);	(	480400.0,	3637900.0,	125.2, 0.0);
(	480500.0,	3637900.0,	128.9, 0.0);	(	480600.0,	3637900.0,	127.7, 0.0);
(	480700.0,	3637900.0,	123.7, 0.0);	(	480800.0,	3637900.0,	120.7, 0.0);
(	480900.0,	3637900.0,	116.4, 0.0);	(	481000.0,	3637900.0,	115.9, 0.0);
(	481100.0,	3637900.0,	109.4, 0.0);	(	481200.0,	3637900.0,	114.9, 0.0);
(	481300.0,	3637900.0,	114.5, 0.0);	(	481400.0,	3637900.0,	114.3, 0.0);
(	481500.0,	3637900.0,	108.0, 0.0);	(	481600.0,	3637900.0,	107.0, 0.0);
(	481700.0,	3637900.0,	98.9, 0.0);	(	478900.0,	3638000.0,	96.1, 0.0);
(	479000.0,	3638000.0,	95.7, 0.0);	(	479100.0,	3638000.0,	103.6, 0.0);
(	479200.0,	3638000.0,	105.3, 0.0);	(	479300.0,	3638000.0,	108.2, 0.0);
(	479400.0,	3638000.0,	109.4, 0.0);	(	479500.0,	3638000.0,	108.0, 0.0);
(	479600.0,	3638000.0,	104.1, 0.0);	(	479700.0,	3638000.0,	96.0, 0.0);
(	479800.0,	3638000.0,	92.2, 0.0);	(	479900.0,	3638000.0,	76.7, 0.0);
(	480000.0,	3638000.0,	104.0, 0.0);	(	480100.0,	3638000.0,	97.3, 0.0);
(	480200.0,	3638000.0,	110.9, 0.0);	(	480300.0,	3638000.0,	118.9, 0.0);
(	480400.0,	3638000.0,	127.5, 0.0);	(	480500.0,	3638000.0,	128.9, 0.0);
(	480600.0,	3638000.0,	127.4, 0.0);	(	480700.0,	3638000.0,	124.7, 0.0);
(	480800.0,	3638000.0,	122.2, 0.0);	(	480900.0,	3638000.0,	120.1, 0.0);
(	481000.0,	3638000.0,	117.7, 0.0);	(	481100.0,	3638000.0,	109.3, 0.0);
(	481200.0,	3638000.0,	110.3, 0.0);	(	481300.0,	3638000.0,	117.0, 0.0);
(	481400.0,	3638000.0,	115.9, 0.0);	(	481500.0,	3638000.0,	110.3, 0.0);
(	481600.0,	3638000.0,	112.6, 0.0);	(	481700.0,	3638000.0,	109.1, 0.0);
(	478900.0,	3638100.0,	100.3, 0.0);	(	479000.0,	3638100.0,	99.7, 0.0);
(	479100.0,	3638100.0,	102.1, 0.0);	(	479200.0,	3638100.0,	104.9, 0.0);
(	479300.0,	3638100.0,	107.9, 0.0);	(	479400.0,	3638100.0,	107.0, 0.0);
(	479500.0,	3638100.0,	98.0, 0.0);	(	479600.0,	3638100.0,	101.2, 0.0);
(	479700.0,	3638100.0,	66.1, 0.0);	(	479800.0,	3638100.0,	68.3, 0.0);
(	479900.0,	3638100.0,	71.3, 0.0);	(	480000.0,	3638100.0,	89.0, 0.0);
(	480100.0,	3638100.0,	104.2, 0.0);	(	480200.0,	3638100.0,	106.0, 0.0);
(	480300.0,	3638100.0,	114.9, 0.0);	(	480400.0,	3638100.0,	127.7, 0.0);
(	480500.0,	3638100.0,	128.9, 0.0);	(	480600.0,	3638100.0,	127.1, 0.0);
(	480700.0,	3638100.0,	123.7, 0.0);	(	480800.0,	3638100.0,	121.3, 0.0);
(	480900.0,	3638100.0,	121.0, 0.0);	(	481000.0,	3638100.0,	117.7, 0.0);
(	481100.0,	3638100.0,	104.2, 0.0);	(	481200.0,	3638100.0,	78.9, 0.0);
(	481300.0,	3638100.0,	115.4, 0.0);	(	481400.0,	3638100.0,	116.4, 0.0);
(	481500.0,	3638100.0,	103.0, 0.0);	(	481600.0,	3638100.0,	110.9, 0.0);
(	481700.0,	3638100.0,	112.0, 0.0);	(	478900.0,	3638200.0,	103.7, 0.0);

```
( 479000.0, 3638200.0,     104.2,       0.0);          ( 479100.0, 3638200.0,     105.3,       0.0);
( 479200.0, 3638200.0,     105.4,       0.0);          ( 479300.0, 3638200.0,     106.7,       0.0);
( 479400.0, 3638200.0,     105.4,       0.0);          ( 479500.0, 3638200.0,     103.4,       0.0);
( 479600.0, 3638200.0,      64.9,       0.0);          ( 479700.0, 3638200.0,      70.7,       0.0);
```

**MODELOPTs:
CONC URBAN ELEV DFAULT

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

(	479800.0,	3638200.0,	102.6,	0.0);	(479900.0,	3638200.0,	90.8,	0.0);
(	480000.0,	3638200.0,	97.0,	0.0);	(480100.0,	3638200.0,	108.6,	0.0);
(	480200.0,	3638200.0,	111.3,	0.0);	(480300.0,	3638200.0,	121.0,	0.0);
(	480400.0,	3638200.0,	127.7,	0.0);	(480500.0,	3638200.0,	129.3,	0.0);
(	480600.0,	3638200.0,	121.7,	0.0);	(480700.0,	3638200.0,	115.4,	0.0);
(	480800.0,	3638200.0,	104.6,	0.0);	(480900.0,	3638200.0,	119.7,	0.0);
(	481000.0,	3638200.0,	111.7,	0.0);	(481100.0,	3638200.0,	85.2,	0.0);
(	481200.0,	3638200.0,	98.0,	0.0);	(481300.0,	3638200.0,	115.7,	0.0);
(	481400.0,	3638200.0,	115.2,	0.0);	(481500.0,	3638200.0,	93.5,	0.0);
(	481600.0,	3638200.0,	94.3,	0.0);	(481700.0,	3638200.0,	98.3,	0.0);

CONC URBAN ELEV DFAULT

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

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

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	WIND SPEED CATEGORY					
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	WIND SPEED CATEGORY					
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

CONC URBAN ELEV DFAULT

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

FILE: MIR95.ASC
FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)
SURFACE STATION NO.: 93107 UPPER AIR STATION NO.: 3190
NAME: MIRAMAR_NAS,CA NAME: UNKNOWN
YEAR: 1995 YEAR: 1995

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING HEIGHT (M) RURAL	MIXING HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
95	01	01	01	181.0	1.00	282.6	6	1255.7	240.0	0.0000	0.0	0.0000	0	0.00
95	01	01	02	268.0	1.03	282.0	6	1267.5	240.0	0.0000	0.0	0.0000	0	0.00
95	01	01	03	244.0	1.03	282.6	6	1279.3	240.0	0.0000	0.0	0.0000	0	0.00
95	01	01	04	293.0	1.54	282.6	6	1291.1	240.0	0.0000	0.0	0.0000	0	0.00
95	01	01	05	293.0	2.06	282.6	5	1302.9	240.0	0.0000	0.0	0.0000	0	0.00
95	01	01	06	292.0	0.00	282.6	6	1314.7	240.0	0.0000	0.0	0.0000	0	0.00
95	01	01	07	285.0	1.03	280.4	5	13.8	251.5	0.0000	0.0	0.0000	0	0.00
95	01	01	08	253.0	1.00	283.2	4	213.1	416.8	0.0000	0.0	0.0000	0	0.00
95	01	01	09	247.0	0.00	288.7	3	412.4	582.2	0.0000	0.0	0.0000	0	0.00
95	01	01	10	151.0	2.06	288.7	3	611.8	747.6	0.0000	0.0	0.0000	0	0.00
95	01	01	11	144.0	2.06	289.3	3	811.1	912.9	0.0000	0.0	0.0000	0	0.00
95	01	01	12	136.0	4.12	290.9	3	1010.4	1078.3	0.0000	0.0	0.0000	0	0.00
95	01	01	13	143.0	3.60	291.5	3	1209.7	1243.6	0.0000	0.0	0.0000	0	0.00
95	01	01	14	129.0	4.12	289.3	3	1409.0	1409.0	0.0000	0.0	0.0000	0	0.00
95	01	01	15	132.0	4.12	290.4	3	1409.0	1409.0	0.0000	0.0	0.0000	0	0.00
95	01	01	16	144.0	3.09	289.3	4	1409.0	1409.0	0.0000	0.0	0.0000	0	0.00
95	01	01	17	161.0	2.06	288.2	5	1409.5	1371.2	0.0000	0.0	0.0000	0	0.00
95	01	01	18	57.0	1.03	284.8	6	1412.2	1182.2	0.0000	0.0	0.0000	0	0.00
95	01	01	19	64.0	0.00	283.7	7	1414.9	993.1	0.0000	0.0	0.0000	0	0.00
95	01	01	20	57.0	0.00	281.5	7	1417.6	804.1	0.0000	0.0	0.0000	0	0.00
95	01	01	21	280.0	1.03	282.0	7	1420.3	615.1	0.0000	0.0	0.0000	0	0.00
95	01	01	22	272.0	1.03	280.9	7	1423.0	426.1	0.0000	0.0	0.0000	0	0.00
95	01	01	23	270.0	1.54	280.9	7	1425.7	237.0	0.0000	0.0	0.0000	0	0.00
95	01	01	24	270.0	1.54	282.0	7	1428.4	48.0	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.

CONC URBAN ELEV DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
479700.00	3636250.00	0.06661	479750.00	3636250.00	0.07304
479800.00	3636250.00	0.08150	479850.00	3636250.00	0.09438
479900.00	3636250.00	0.11769	479950.00	3636250.00	0.16168
480000.00	3636250.00	0.22673	480050.00	3636250.00	0.28918
480100.00	3636250.00	0.33667	480150.00	3636250.00	0.38348
480200.00	3636250.00	0.42912	480250.00	3636250.00	0.46312
480300.00	3636250.00	0.48556	480350.00	3636250.00	0.49980
480400.00	3636250.00	0.50636	480450.00	3636250.00	0.50449
480500.00	3636250.00	0.49477	480550.00	3636250.00	0.48042
480600.00	3636250.00	0.46584	480650.00	3636250.00	0.45347
480700.00	3636250.00	0.44256	480750.00	3636250.00	0.43097
480800.00	3636250.00	0.41727	480850.00	3636250.00	0.40130
480900.00	3636250.00	0.38368	479700.00	3636300.00	0.07581
479750.00	3636300.00	0.08334	479800.00	3636300.00	0.09334
479850.00	3636300.00	0.10813	479900.00	3636300.00	0.13384
479950.00	3636300.00	0.18549	480000.00	3636300.00	0.27351
480050.00	3636300.00	0.36504	480100.00	3636300.00	0.43697
480150.00	3636300.00	0.50646	480200.00	3636300.00	0.56085
480250.00	3636300.00	0.59009	480300.00	3636300.00	0.60358
480350.00	3636300.00	0.60746	480400.00	3636300.00	0.60335
480450.00	3636300.00	0.59149	480500.00	3636300.00	0.57267
480550.00	3636300.00	0.55067	480600.00	3636300.00	0.53059
480650.00	3636300.00	0.51424	480700.00	3636300.00	0.49927
480750.00	3636300.00	0.48269	480800.00	3636300.00	0.46337
480850.00	3636300.00	0.44184	480900.00	3636300.00	0.41904
479700.00	3636350.00	0.08731	479750.00	3636350.00	0.09681
479800.00	3636350.00	0.10877	479850.00	3636350.00	0.12627
479900.00	3636350.00	0.15611	479950.00	3636350.00	0.21708
480000.00	3636350.00	0.33995	480050.00	3636350.00	0.48491
480100.00	3636350.00	0.60476	480150.00	3636350.00	0.70652
480200.00	3636350.00	0.75789	480250.00	3636350.00	0.76819
480300.00	3636350.00	0.75996	480350.00	3636350.00	0.74157
480400.00	3636350.00	0.71829	480450.00	3636350.00	0.69195
480500.00	3636350.00	0.66188	480550.00	3636350.00	0.63128
480600.00	3636350.00	0.60560	480650.00	3636350.00	0.58500
480700.00	3636350.00	0.56477	480750.00	3636350.00	0.54149
480800.00	3636350.00	0.51506	480850.00	3636350.00	0.48681

480900.00	3636350.00	0.45791	479700.00	3636400.00	0.10149
479750.00	3636400.00	0.11396	479800.00	3636400.00	0.12995
479850.00	3636400.00	0.15175	479900.00	3636400.00	0.18795

CONC URBAN ELEV DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
479950.00	3636400.00	0.26259	480000.00	3636400.00	0.44347
480050.00	3636400.00	0.70306	480100.00	3636400.00	0.92684
480150.00	3636400.00	1.05569	480200.00	3636400.00	1.06101
480250.00	3636400.00	1.01691	480300.00	3636400.00	0.95960
480350.00	3636400.00	0.90062	480400.00	3636400.00	0.84924
480450.00	3636400.00	0.80581	480500.00	3636400.00	0.76403
480550.00	3636400.00	0.72503	480600.00	3636400.00	0.69434
480650.00	3636400.00	0.66895	480700.00	3636400.00	0.64134
480750.00	3636400.00	0.60900	480800.00	3636400.00	0.57367
480850.00	3636400.00	0.53728	480900.00	3636400.00	0.50095
479700.00	3636450.00	0.11948	479750.00	3636450.00	0.13614
479800.00	3636450.00	0.15822	479850.00	3636450.00	0.18939
479900.00	3636450.00	0.23861	479950.00	3636450.00	0.33735
480000.00	3636450.00	0.63461	480050.00	3636450.00	1.22667
480100.00	3636450.00	1.68621	480150.00	3636450.00	1.70650
480200.00	3636450.00	1.51617	480250.00	3636450.00	1.33785
480300.00	3636450.00	1.19537	480350.00	3636450.00	1.08044
480400.00	3636450.00	0.99587	480450.00	3636450.00	0.93564
480500.00	3636450.00	0.88335	480550.00	3636450.00	0.83722
480600.00	3636450.00	0.80270	480650.00	3636450.00	0.77086
480700.00	3636450.00	0.73219	480750.00	3636450.00	0.68766
480800.00	3636450.00	0.64111	480850.00	3636450.00	0.59438
480900.00	3636450.00	0.54856	479700.00	3636500.00	0.14379
479750.00	3636500.00	0.16696	479800.00	3636500.00	0.19871
479850.00	3636500.00	0.24576	479900.00	3636500.00	0.32591
479950.00	3636500.00	0.49506	480250.00	3636500.00	1.70916
480300.00	3636500.00	1.46330	480350.00	3636500.00	1.28386
480400.00	3636500.00	1.16181	480450.00	3636500.00	1.08594
480500.00	3636500.00	1.02638	480550.00	3636500.00	0.97690
480600.00	3636500.00	0.94036	480650.00	3636500.00	0.89780
480700.00	3636500.00	0.84219	480750.00	3636500.00	0.78116
480800.00	3636500.00	0.71949	480850.00	3636500.00	0.65866
480900.00	3636500.00	0.60014	479700.00	3636550.00	0.18342
479750.00	3636550.00	0.22021	479800.00	3636550.00	0.27448
479850.00	3636550.00	0.36250	479900.00	3636550.00	0.53186
479950.00	3636550.00	0.98632	480450.00	3636550.00	1.25899
480500.00	3636550.00	1.20411	480550.00	3636550.00	1.16271

480600.00	3636550.00	1.12543	480650.00	3636550.00	1.06165
480700.00	3636550.00	0.97930	480750.00	3636550.00	0.89388
480800.00	3636550.00	0.80960	480850.00	3636550.00	0.72865

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
480900.00	3636550.00	0.65361	479700.00	3636600.00	0.23094
479750.00	3636600.00	0.28249	479800.00	3636600.00	0.35926
479850.00	3636600.00	0.48533	479900.00	3636600.00	0.72742
479950.00	3636600.00	1.33616	480700.00	3636600.00	1.15379
480750.00	3636600.00	1.02686	480800.00	3636600.00	0.90780
480850.00	3636600.00	0.80012	480900.00	3636600.00	0.70593
479700.00	3636650.00	0.27119	479750.00	3636650.00	0.33368
479800.00	3636650.00	0.42754	479850.00	3636650.00	0.57887
479900.00	3636650.00	0.85251	479950.00	3636650.00	1.52933
480700.00	3636650.00	1.36471	480750.00	3636650.00	1.17011
480800.00	3636650.00	1.00575	480850.00	3636650.00	0.86874
480900.00	3636650.00	0.75538	479700.00	3636700.00	0.31097
479750.00	3636700.00	0.38395	479800.00	3636700.00	0.48962
479850.00	3636700.00	0.65501	479900.00	3636700.00	0.95701
479950.00	3636700.00	1.69604	480700.00	3636700.00	1.58229
480750.00	3636700.00	1.30862	480800.00	3636700.00	1.09917
480850.00	3636700.00	0.93452	480900.00	3636700.00	0.80229
479700.00	3636750.00	0.35246	479750.00	3636750.00	0.43508
479800.00	3636750.00	0.55325	479850.00	3636750.00	0.74012
479900.00	3636750.00	1.08388	479950.00	3636750.00	1.89031
480700.00	3636750.00	1.78181	480750.00	3636750.00	1.44081
480800.00	3636750.00	1.19048	480850.00	3636750.00	0.99753
480900.00	3636750.00	0.84386	479700.00	3636800.00	0.38679
479750.00	3636800.00	0.47563	479800.00	3636800.00	0.60497
479850.00	3636800.00	0.81025	479900.00	3636800.00	1.18159
479950.00	3636800.00	2.02146	480700.00	3636800.00	1.95311
480750.00	3636800.00	1.56449	480800.00	3636800.00	1.27302
480850.00	3636800.00	1.04715	480900.00	3636800.00	0.86936
479700.00	3636850.00	0.40956	479750.00	3636850.00	0.50215
479800.00	3636850.00	0.63904	479850.00	3636850.00	0.85776
479900.00	3636850.00	1.24425	479950.00	3636850.00	2.08854
480700.00	3636850.00	2.14565	480750.00	3636850.00	1.68257
480800.00	3636850.00	1.33175	480850.00	3636850.00	1.06706
480900.00	3636850.00	0.86807	479700.00	3636900.00	0.42350
479750.00	3636900.00	0.51785	479800.00	3636900.00	0.65677
479850.00	3636900.00	0.87552	479900.00	3636900.00	1.25778
479950.00	3636900.00	2.09033	480650.00	3636900.00	3.26373

480700.00	3636900.00	2.41808	480750.00	3636900.00	1.78814
480800.00	3636900.00	1.35229	480850.00	3636900.00	1.05287
480900.00	3636900.00	0.84351	479700.00	3636950.00	0.43275

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
479750.00	3636950.00	0.52552	479800.00	3636950.00	0.65953
479850.00	3636950.00	0.86689	479900.00	3636950.00	1.22452
479950.00	3636950.00	2.00496	480650.00	3636950.00	4.28648
480700.00	3636950.00	2.68606	480750.00	3636950.00	1.82654
480800.00	3636950.00	1.32814	480850.00	3636950.00	1.01695
480900.00	3636950.00	0.80965	479700.00	3637000.00	0.43205
479750.00	3637000.00	0.51905	479800.00	3637000.00	0.64152
479850.00	3637000.00	0.82376	479900.00	3637000.00	1.11697
479950.00	3637000.00	1.66498	480650.00	3637000.00	4.94404
480700.00	3637000.00	2.65516	480750.00	3637000.00	1.73067
480800.00	3637000.00	1.24886	480850.00	3637000.00	0.95733
480900.00	3637000.00	0.76392	479700.00	3637050.00	0.40936
479750.00	3637050.00	0.48314	479800.00	3637050.00	0.58298
479850.00	3637050.00	0.72210	479900.00	3637050.00	0.92148
479950.00	3637050.00	1.24237	480000.00	3637050.00	1.78166
480050.00	3637050.00	2.60914	480650.00	3637050.00	3.95559
480700.00	3637050.00	2.16920	480750.00	3637050.00	1.46399
480800.00	3637050.00	1.08608	480850.00	3637050.00	0.84992
480900.00	3637050.00	0.68859	479700.00	3637100.00	0.37066
479750.00	3637100.00	0.42978	479800.00	3637100.00	0.50663
479850.00	3637100.00	0.60939	479900.00	3637100.00	0.75459
479950.00	3637100.00	0.95970	480000.00	3637100.00	1.24063
480050.00	3637100.00	1.61907	480100.00	3637100.00	2.02338
480150.00	3637100.00	2.38734	480200.00	3637100.00	2.65214
480650.00	3637100.00	2.39819	480700.00	3637100.00	1.58497
480750.00	3637100.00	1.15224	480800.00	3637100.00	0.89009
480850.00	3637100.00	0.71672	480900.00	3637100.00	0.59389
479700.00	3637150.00	0.32487	479750.00	3637150.00	0.37113
479800.00	3637150.00	0.43099	479850.00	3637150.00	0.51017
479900.00	3637150.00	0.61338	479950.00	3637150.00	0.73959
480000.00	3637150.00	0.90840	480050.00	3637150.00	1.12525
480100.00	3637150.00	1.33109	480150.00	3637150.00	1.49310
480200.00	3637150.00	1.63173	480250.00	3637150.00	1.87985
480300.00	3637150.00	2.26754	480350.00	3637150.00	2.52202
480400.00	3637150.00	2.65601	480450.00	3637150.00	2.69908
480500.00	3637150.00	2.65432	480550.00	3637150.00	2.45071
480600.00	3637150.00	2.04113	480650.00	3637150.00	1.55652

480700.00	3637150.00	1.19384	480750.00	3637150.00	0.92992
480800.00	3637150.00	0.74356	480850.00	3637150.00	0.61060
480900.00	3637150.00	0.51319	479700.00	3637200.00	0.28001

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
479750.00	3637200.00	0.31742	479800.00	3637200.00	0.36575
479850.00	3637200.00	0.42711	479900.00	3637200.00	0.50160
479950.00	3637200.00	0.58796	480000.00	3637200.00	0.70116
480050.00	3637200.00	0.83225	480100.00	3637200.00	0.94917
480150.00	3637200.00	1.04625	480200.00	3637200.00	1.14118
480250.00	3637200.00	1.24729	480300.00	3637200.00	1.40990
480350.00	3637200.00	1.52455	480400.00	3637200.00	1.59874
480450.00	3637200.00	1.63913	480500.00	3637200.00	1.61878
480550.00	3637200.00	1.50813	480600.00	3637200.00	1.32794
480650.00	3637200.00	1.10432	480700.00	3637200.00	0.92051
480750.00	3637200.00	0.76506	480800.00	3637200.00	0.63794
480850.00	3637200.00	0.53650	480900.00	3637200.00	0.45665
479700.00	3637250.00	0.24346	479750.00	3637250.00	0.27591
479800.00	3637250.00	0.31690	479850.00	3637250.00	0.36630
479900.00	3637250.00	0.42180	479950.00	3637250.00	0.48217
480000.00	3637250.00	0.55606	480050.00	3637250.00	0.63787
480100.00	3637250.00	0.71751	480150.00	3637250.00	0.79078
480200.00	3637250.00	0.85047	480250.00	3637250.00	0.90534
480300.00	3637250.00	0.99065	480350.00	3637250.00	1.05733
480400.00	3637250.00	1.10292	480450.00	3637250.00	1.12706
480500.00	3637250.00	1.11042	480550.00	3637250.00	1.05209
480600.00	3637250.00	0.95627	480650.00	3637250.00	0.83260
480700.00	3637250.00	0.72617	480750.00	3637250.00	0.63150
480800.00	3637250.00	0.54717	480850.00	3637250.00	0.47419
480900.00	3637250.00	0.41207	479700.00	3637300.00	0.21685
479750.00	3637300.00	0.24587	479800.00	3637300.00	0.28057
479850.00	3637300.00	0.31918	479900.00	3637300.00	0.35825
479950.00	3637300.00	0.39862	480000.00	3637300.00	0.44773
480050.00	3637300.00	0.50556	480100.00	3637300.00	0.56737
480150.00	3637300.00	0.62433	480200.00	3637300.00	0.66263
480250.00	3637300.00	0.69628	480300.00	3637300.00	0.74704
480350.00	3637300.00	0.79003	480400.00	3637300.00	0.81782
480450.00	3637300.00	0.82946	480500.00	3637300.00	0.81691
480550.00	3637300.00	0.78476	480600.00	3637300.00	0.72750
480650.00	3637300.00	0.65205	480700.00	3637300.00	0.58455
480750.00	3637300.00	0.52442	480800.00	3637300.00	0.46817
480850.00	3637300.00	0.41662	480900.00	3637300.00	0.37041

479700.00	3637350.00	0.19681	479750.00	3637350.00	0.22190
479800.00	3637350.00	0.24975	479850.00	3637350.00	0.27790
479900.00	3637350.00	0.30408	479950.00	3637350.00	0.33169

CONC URBAN ELEV DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
480000.00	3637350.00	0.36763	480050.00	3637350.00	0.41332
480100.00	3637350.00	0.46398	480150.00	3637350.00	0.50872
480200.00	3637350.00	0.53564	480250.00	3637350.00	0.55830
480300.00	3637350.00	0.58945	480350.00	3637350.00	0.61671
480400.00	3637350.00	0.63378	480450.00	3637350.00	0.63911
480500.00	3637350.00	0.63093	480550.00	3637350.00	0.61187
480600.00	3637350.00	0.57466	480650.00	3637350.00	0.52508
480700.00	3637350.00	0.47918	480750.00	3637350.00	0.43884
480800.00	3637350.00	0.40077	480850.00	3637350.00	0.36442
480900.00	3637350.00	0.33051	479700.00	3637400.00	0.17962
479750.00	3637400.00	0.20019	479800.00	3637400.00	0.22135
479850.00	3637400.00	0.24102	479900.00	3637400.00	0.25892
479950.00	3637400.00	0.27962	480000.00	3637400.00	0.30879
480050.00	3637400.00	0.34724	480100.00	3637400.00	0.38979
480150.00	3637400.00	0.42512	480200.00	3637400.00	0.44523
480250.00	3637400.00	0.46064	480300.00	3637400.00	0.47925
480350.00	3637400.00	0.49597	480400.00	3637400.00	0.50661
480450.00	3637400.00	0.50938	480500.00	3637400.00	0.50482
480550.00	3637400.00	0.49267	480600.00	3637400.00	0.46705
480650.00	3637400.00	0.43256	480700.00	3637400.00	0.39959
480750.00	3637400.00	0.37082	480800.00	3637400.00	0.34420
480850.00	3637400.00	0.31839	480900.00	3637400.00	0.29353
478900.00	3635500.00	0.01163	479000.00	3635500.00	0.01234
479100.00	3635500.00	0.01313	479200.00	3635500.00	0.01401
479300.00	3635500.00	0.01489	479400.00	3635500.00	0.01564
479500.00	3635500.00	0.01646	479600.00	3635500.00	0.01822
479700.00	3635500.00	0.02225	479800.00	3635500.00	0.02952
479900.00	3635500.00	0.03958	480000.00	3635500.00	0.05012
480100.00	3635500.00	0.05877	480200.00	3635500.00	0.06563
480300.00	3635500.00	0.07271	480400.00	3635500.00	0.08128
480500.00	3635500.00	0.09055	480600.00	3635500.00	0.09889
480700.00	3635500.00	0.10546	480800.00	3635500.00	0.11051
480900.00	3635500.00	0.11459	481000.00	3635500.00	0.11786
481100.00	3635500.00	0.11998	481200.00	3635500.00	0.12064
481300.00	3635500.00	0.11986	481400.00	3635500.00	0.11793
481500.00	3635500.00	0.11530	481600.00	3635500.00	0.11229
481700.00	3635500.00	0.10911	478900.00	3635600.00	0.01261

479000.00	3635600.00	0.01338	479100.00	3635600.00	0.01428
479200.00	3635600.00	0.01529	479300.00	3635600.00	0.01641
479400.00	3635600.00	0.01748	479500.00	3635600.00	0.01846

CONC URBAN ELEV DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
479600.00	3635600.00	0.02009	479700.00	3635600.00	0.02405
479800.00	3635600.00	0.03203	479900.00	3635600.00	0.04392
480000.00	3635600.00	0.05673	480100.00	3635600.00	0.06704
480200.00	3635600.00	0.07518	480300.00	3635600.00	0.08426
480400.00	3635600.00	0.09555	480500.00	3635600.00	0.10706
480600.00	3635600.00	0.11622	480700.00	3635600.00	0.12259
480800.00	3635600.00	0.12716	480900.00	3635600.00	0.13085
481000.00	3635600.00	0.13361	481100.00	3635600.00	0.13489
481200.00	3635600.00	0.13434	481300.00	3635600.00	0.13219
481400.00	3635600.00	0.12895	481500.00	3635600.00	0.12513
481600.00	3635600.00	0.12105	481700.00	3635600.00	0.11687
478900.00	3635700.00	0.01403	479000.00	3635700.00	0.01469
479100.00	3635700.00	0.01564	479200.00	3635700.00	0.01680
479300.00	3635700.00	0.01814	479400.00	3635700.00	0.01957
479500.00	3635700.00	0.02094	479600.00	3635700.00	0.02260
479700.00	3635700.00	0.02637	479800.00	3635700.00	0.03501
479900.00	3635700.00	0.04926	480000.00	3635700.00	0.06526
480100.00	3635700.00	0.07786	480200.00	3635700.00	0.08776
480300.00	3635700.00	0.09980	480400.00	3635700.00	0.11483
480500.00	3635700.00	0.12874	480600.00	3635700.00	0.13824
480700.00	3635700.00	0.14384	480800.00	3635700.00	0.14769
480900.00	3635700.00	0.15082	481000.00	3635700.00	0.15272
481100.00	3635700.00	0.15255	481200.00	3635700.00	0.15019
481300.00	3635700.00	0.14617	481400.00	3635700.00	0.14123
481500.00	3635700.00	0.13588	481600.00	3635700.00	0.13042
481700.00	3635700.00	0.12497	478900.00	3635800.00	0.01616
479000.00	3635800.00	0.01658	479100.00	3635800.00	0.01741
479200.00	3635800.00	0.01863	479300.00	3635800.00	0.02019
479400.00	3635800.00	0.02198	479500.00	3635800.00	0.02389
479600.00	3635800.00	0.02590	479700.00	3635800.00	0.02952
479800.00	3635800.00	0.03863	479900.00	3635800.00	0.05586
480000.00	3635800.00	0.07654	480100.00	3635800.00	0.09246
480200.00	3635800.00	0.10495	480300.00	3635800.00	0.12147
480400.00	3635800.00	0.14142	480500.00	3635800.00	0.15756
480600.00	3635800.00	0.16649	480700.00	3635800.00	0.17069
480800.00	3635800.00	0.17354	480900.00	3635800.00	0.17574
481000.00	3635800.00	0.17599	481100.00	3635800.00	0.17342

481200.00	3635800.00	0.16838	481300.00	3635800.00	0.16185
481400.00	3635800.00	0.15468	481500.00	3635800.00	0.14739
481600.00	3635800.00	0.14020	481700.00	3635800.00	0.13315

CONC URBAN ELEV DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
478900.00	3635900.00	0.01904	479000.00	3635900.00	0.01933
479100.00	3635900.00	0.01997	479200.00	3635900.00	0.02108
479300.00	3635900.00	0.02272	479400.00	3635900.00	0.02488
479500.00	3635900.00	0.02737	479600.00	3635900.00	0.03009
479700.00	3635900.00	0.03389	479800.00	3635900.00	0.04321
479900.00	3635900.00	0.06404	480000.00	3635900.00	0.09182
480100.00	3635900.00	0.11292	480200.00	3635900.00	0.12954
480300.00	3635900.00	0.15292	480400.00	3635900.00	0.17881
480500.00	3635900.00	0.19633	480600.00	3635900.00	0.20333
480700.00	3635900.00	0.20535	480800.00	3635900.00	0.20675
480900.00	3635900.00	0.20704	481000.00	3635900.00	0.20419
481100.00	3635900.00	0.19778	481200.00	3635900.00	0.18896
481300.00	3635900.00	0.17911	481400.00	3635900.00	0.16912
481500.00	3635900.00	0.15940	481600.00	3635900.00	0.15003
481700.00	3635900.00	0.14107	478900.00	3636000.00	0.02239
479000.00	3636000.00	0.02288	479100.00	3636000.00	0.02353
479200.00	3636000.00	0.02459	479300.00	3636000.00	0.02619
479400.00	3636000.00	0.02852	479500.00	3636000.00	0.03164
479600.00	3636000.00	0.03531	479700.00	3636000.00	0.03992
479800.00	3636000.00	0.04943	479900.00	3636000.00	0.07428
480000.00	3636000.00	0.11314	480100.00	3636000.00	0.14292
480200.00	3636000.00	0.16686	480300.00	3636000.00	0.20041
480400.00	3636000.00	0.23230	480500.00	3636000.00	0.24928
480600.00	3636000.00	0.25238	480700.00	3636000.00	0.25109
480800.00	3636000.00	0.24985	480900.00	3636000.00	0.24617
481000.00	3636000.00	0.23782	481100.00	3636000.00	0.22567
481200.00	3636000.00	0.21177	481300.00	3636000.00	0.19771
481400.00	3636000.00	0.18422	481500.00	3636000.00	0.17150
481600.00	3636000.00	0.15953	481700.00	3636000.00	0.14829
478900.00	3636100.00	0.02573	479000.00	3636100.00	0.02693
479100.00	3636100.00	0.02801	479200.00	3636100.00	0.02929
479300.00	3636100.00	0.03110	479400.00	3636100.00	0.03362
479500.00	3636100.00	0.03717	479600.00	3636100.00	0.04199
479700.00	3636100.00	0.04806	479800.00	3636100.00	0.05845
479900.00	3636100.00	0.08743	480000.00	3636100.00	0.14412
480100.00	3636100.00	0.18982	480200.00	3636100.00	0.22802
480300.00	3636100.00	0.27495	480400.00	3636100.00	0.31025

480500.00	3636100.00	0.32312	480600.00	3636100.00	0.31898
480700.00	3636100.00	0.31212	480800.00	3636100.00	0.30551
480900.00	3636100.00	0.29410	481000.00	3636100.00	0.27699

CONC URBAN ELEV DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481100.00	3636100.00	0.25692	481200.00	3636100.00	0.23659
481300.00	3636100.00	0.21733	481400.00	3636100.00	0.19954
481500.00	3636100.00	0.18319	481600.00	3636100.00	0.16815
481700.00	3636100.00	0.15436	478900.00	3636200.00	0.02857
479000.00	3636200.00	0.03087	479100.00	3636200.00	0.03305
479200.00	3636200.00	0.03514	479300.00	3636200.00	0.03754
479400.00	3636200.00	0.04074	479500.00	3636200.00	0.04509
479600.00	3636200.00	0.05103	479700.00	3636200.00	0.05931
479800.00	3636200.00	0.07208	479900.00	3636200.00	0.10543
480000.00	3636200.00	0.19198	480100.00	3636200.00	0.27066
480200.00	3636200.00	0.33852	480300.00	3636200.00	0.39637
480400.00	3636200.00	0.42690	480500.00	3636200.00	0.42771
480600.00	3636200.00	0.40959	480700.00	3636200.00	0.39307
480800.00	3636200.00	0.37589	480900.00	3636200.00	0.35130
481000.00	3636200.00	0.32174	481100.00	3636200.00	0.29152
481200.00	3636200.00	0.26317	481300.00	3636200.00	0.23748
481400.00	3636200.00	0.21444	481500.00	3636200.00	0.19377
481600.00	3636200.00	0.17529	481700.00	3636200.00	0.15879
478900.00	3636300.00	0.03106	479000.00	3636300.00	0.03422
479100.00	3636300.00	0.03780	479200.00	3636300.00	0.04158
479300.00	3636300.00	0.04553	479400.00	3636300.00	0.05012
479500.00	3636300.00	0.05608	479600.00	3636300.00	0.06431
481000.00	3636300.00	0.37292	481100.00	3636300.00	0.32964
481200.00	3636300.00	0.29105	481300.00	3636300.00	0.25731
481400.00	3636300.00	0.22793	481500.00	3636300.00	0.20242
481600.00	3636300.00	0.18033	481700.00	3636300.00	0.16126
478900.00	3636400.00	0.03410	479000.00	3636400.00	0.03777
479100.00	3636400.00	0.04230	479200.00	3636400.00	0.04783
479300.00	3636400.00	0.05430	479400.00	3636400.00	0.06171
479500.00	3636400.00	0.07091	479600.00	3636400.00	0.08343
481000.00	3636400.00	0.43173	481100.00	3636400.00	0.37061
481200.00	3636400.00	0.31871	481300.00	3636400.00	0.27514
481400.00	3636400.00	0.23869	481500.00	3636400.00	0.20823
481600.00	3636400.00	0.18286	481700.00	3636400.00	0.16175
478900.00	3636500.00	0.03872	479000.00	3636500.00	0.04332
479100.00	3636500.00	0.04889	479200.00	3636500.00	0.05590
479300.00	3636500.00	0.06501	479400.00	3636500.00	0.07675

479500.00	3636500.00	0.09173	479600.00	3636500.00	0.11224
481000.00	3636500.00	0.49564	481100.00	3636500.00	0.41070
481200.00	3636500.00	0.34291	481300.00	3636500.00	0.28871

CONC URBAN ELEV DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481400.00	3636500.00	0.24534	481500.00	3636500.00	0.21069
481600.00	3636500.00	0.18292	481700.00	3636500.00	0.16060
478900.00	3636600.00	0.04618	479000.00	3636600.00	0.05244
479100.00	3636600.00	0.06025	479200.00	3636600.00	0.07018
479300.00	3636600.00	0.08323	479400.00	3636600.00	0.10129
479500.00	3636600.00	0.12741	479600.00	3636600.00	0.16648
481000.00	3636600.00	0.55558	481100.00	3636600.00	0.44405
481200.00	3636600.00	0.35979	481300.00	3636600.00	0.29581
481400.00	3636600.00	0.24711	481500.00	3636600.00	0.20983
481600.00	3636600.00	0.18103	481700.00	3636600.00	0.15846
478900.00	3636700.00	0.05698	479000.00	3636700.00	0.06498
479100.00	3636700.00	0.07512	479200.00	3636700.00	0.08828
479300.00	3636700.00	0.10577	479400.00	3636700.00	0.12977
479500.00	3636700.00	0.16442	479600.00	3636700.00	0.21852
481000.00	3636700.00	0.60351	481100.00	3636700.00	0.46408
481200.00	3636700.00	0.36531	481300.00	3636700.00	0.29487
481400.00	3636700.00	0.24390	481500.00	3636700.00	0.20624
481600.00	3636700.00	0.17776	481700.00	3636700.00	0.15572
478900.00	3636800.00	0.06976	479000.00	3636800.00	0.07948
479100.00	3636800.00	0.09176	479200.00	3636800.00	0.10770
479300.00	3636800.00	0.12914	479400.00	3636800.00	0.15923
479500.00	3636800.00	0.20364	479600.00	3636800.00	0.27262
481000.00	3636800.00	0.61774	481100.00	3636800.00	0.45893
481200.00	3636800.00	0.35565	481300.00	3636800.00	0.28569
481400.00	3636800.00	0.23634	481500.00	3636800.00	0.20026
481600.00	3636800.00	0.17303	481700.00	3636800.00	0.15192
478900.00	3636900.00	0.08219	479000.00	3636900.00	0.09354
479100.00	3636900.00	0.10789	479200.00	3636900.00	0.12650
479300.00	3636900.00	0.15131	479400.00	3636900.00	0.18530
479500.00	3636900.00	0.23342	479600.00	3636900.00	0.30507
481000.00	3636900.00	0.58153	481100.00	3636900.00	0.43040
481200.00	3636900.00	0.33490	481300.00	3636900.00	0.27043
481400.00	3636900.00	0.22476	481500.00	3636900.00	0.19114
481600.00	3636900.00	0.16563	481700.00	3636900.00	0.14577
478900.00	3637000.00	0.09151	479000.00	3637000.00	0.10396
479100.00	3637000.00	0.11960	479200.00	3637000.00	0.13958

479300.00	3637000.00	0.16556	479400.00	3637000.00	0.20012
479500.00	3637000.00	0.24783	479600.00	3637000.00	0.31813
481000.00	3637000.00	0.52732	481100.00	3637000.00	0.39170
481200.00	3637000.00	0.30601	481300.00	3637000.00	0.24812

CONC URBAN ELEV DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481400.00	3637000.00	0.20706	481500.00	3637000.00	0.17680
481600.00	3637000.00	0.15381	481700.00	3637000.00	0.13588
478900.00	3637100.00	0.09376	479000.00	3637100.00	0.10579
479100.00	3637100.00	0.12059	479200.00	3637100.00	0.13896
479300.00	3637100.00	0.16206	479400.00	3637100.00	0.19175
479500.00	3637100.00	0.23134	479600.00	3637100.00	0.28701
481000.00	3637100.00	0.43165	481100.00	3637100.00	0.33063
481200.00	3637100.00	0.26332	481300.00	3637100.00	0.21639
481400.00	3637100.00	0.18245	481500.00	3637100.00	0.15713
481600.00	3637100.00	0.13773	481700.00	3637100.00	0.12251
478900.00	3637200.00	0.08773	479000.00	3637200.00	0.09775
479100.00	3637200.00	0.10967	479200.00	3637200.00	0.12393
479300.00	3637200.00	0.14122	479400.00	3637200.00	0.16262
479500.00	3637200.00	0.19004	479600.00	3637200.00	0.22684
481000.00	3637200.00	0.34415	481100.00	3637200.00	0.27118
481200.00	3637200.00	0.22084	481300.00	3637200.00	0.18451
481400.00	3637200.00	0.15751	481500.00	3637200.00	0.13696
481600.00	3637200.00	0.12102	481700.00	3637200.00	0.10840
478900.00	3637300.00	0.07749	479000.00	3637300.00	0.08521
479100.00	3637300.00	0.09411	479200.00	3637300.00	0.10438
479300.00	3637300.00	0.11638	479400.00	3637300.00	0.13085
479500.00	3637300.00	0.14936	479600.00	3637300.00	0.17553
481000.00	3637300.00	0.29371	481100.00	3637300.00	0.23624
481200.00	3637300.00	0.19413	481300.00	3637300.00	0.16304
481400.00	3637300.00	0.13967	481500.00	3637300.00	0.12176
481600.00	3637300.00	0.10781	481700.00	3637300.00	0.09677
478900.00	3637400.00	0.06759	479000.00	3637400.00	0.07351
479100.00	3637400.00	0.08007	479200.00	3637400.00	0.08746
479300.00	3637400.00	0.09611	479400.00	3637400.00	0.10705
479500.00	3637400.00	0.12238	479600.00	3637400.00	0.14550
481000.00	3637400.00	0.24815	481100.00	3637400.00	0.20916
481200.00	3637400.00	0.17664	481300.00	3637400.00	0.15030
481400.00	3637400.00	0.12936	481500.00	3637400.00	0.11278
481600.00	3637400.00	0.09964	481700.00	3637400.00	0.08916
478900.00	3637500.00	0.05957	479000.00	3637500.00	0.06405
479100.00	3637500.00	0.06895	479200.00	3637500.00	0.07453
479300.00	3637500.00	0.08149	479400.00	3637500.00	0.09097

479500.00	3637500.00	0.10458	479600.00	3637500.00	0.12390
479700.00	3637500.00	0.14840	479800.00	3637500.00	0.17294
479900.00	3637500.00	0.19423	480000.00	3637500.00	0.23230

CONC URBAN ELEV DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
480100.00	3637500.00	0.29133	480200.00	3637500.00	0.32445
480300.00	3637500.00	0.33668	480400.00	3637500.00	0.34635
480500.00	3637500.00	0.34769	480600.00	3637500.00	0.32849
480700.00	3637500.00	0.29089	480800.00	3637500.00	0.25910
480900.00	3637500.00	0.23126	481000.00	3637500.00	0.20467
481100.00	3637500.00	0.18027	481200.00	3637500.00	0.15829
481300.00	3637500.00	0.13873	481400.00	3637500.00	0.12168
481500.00	3637500.00	0.10717	481600.00	3637500.00	0.09502
481700.00	3637500.00	0.08496	478900.00	3637600.00	0.05291
479000.00	3637600.00	0.05623	479100.00	3637600.00	0.05990
479200.00	3637600.00	0.06436	479300.00	3637600.00	0.07029
479400.00	3637600.00	0.07856	479500.00	3637600.00	0.09008
479600.00	3637600.00	0.10524	479700.00	3637600.00	0.12263
479800.00	3637600.00	0.13832	479900.00	3637600.00	0.15438
480000.00	3637600.00	0.18614	480100.00	3637600.00	0.22783
480200.00	3637600.00	0.24703	480300.00	3637600.00	0.25058
480400.00	3637600.00	0.25358	480500.00	3637600.00	0.25594
480600.00	3637600.00	0.24512	480700.00	3637600.00	0.22239
480800.00	3637600.00	0.20187	480900.00	3637600.00	0.18475
481000.00	3637600.00	0.16839	481100.00	3637600.00	0.15276
481200.00	3637600.00	0.13832	481300.00	3637600.00	0.12500
481400.00	3637600.00	0.11265	481500.00	3637600.00	0.10134
481600.00	3637600.00	0.09116	481700.00	3637600.00	0.08219
478900.00	3637700.00	0.04688	479000.00	3637700.00	0.04926
479100.00	3637700.00	0.05209	479200.00	3637700.00	0.05581
479300.00	3637700.00	0.06099	479400.00	3637700.00	0.06824
479500.00	3637700.00	0.07806	479600.00	3637700.00	0.09042
479700.00	3637700.00	0.10359	479800.00	3637700.00	0.11476
479900.00	3637700.00	0.12834	480000.00	3637700.00	0.15445
480100.00	3637700.00	0.18284	480200.00	3637700.00	0.19398
480300.00	3637700.00	0.19448	480400.00	3637700.00	0.19557
480500.00	3637700.00	0.19747	480600.00	3637700.00	0.19068
480700.00	3637700.00	0.17620	480800.00	3637700.00	0.16234
480900.00	3637700.00	0.15088	481000.00	3637700.00	0.14019
481100.00	3637700.00	0.12967	481200.00	3637700.00	0.11970
481300.00	3637700.00	0.11050	481400.00	3637700.00	0.10193
481500.00	3637700.00	0.09383	481600.00	3637700.00	0.08614

481700.00	3637700.00	0.07893	478900.00	3637800.00	0.04116
479000.00	3637800.00	0.04293	479100.00	3637800.00	0.04530
479200.00	3637800.00	0.04865	479300.00	3637800.00	0.05344

CONC URBAN ELEV DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
479400.00	3637800.00	0.06011	479500.00	3637800.00	0.06895
479600.00	3637800.00	0.07950	479700.00	3637800.00	0.08966
479800.00	3637800.00	0.09795	479900.00	3637800.00	0.10976
480000.00	3637800.00	0.13048	480100.00	3637800.00	0.14956
480200.00	3637800.00	0.15622	480300.00	3637800.00	0.15602
480400.00	3637800.00	0.15688	480500.00	3637800.00	0.15803
480600.00	3637800.00	0.15318	480700.00	3637800.00	0.14342
480800.00	3637800.00	0.13378	480900.00	3637800.00	0.12581
481000.00	3637800.00	0.11855	481100.00	3637800.00	0.11127
481200.00	3637800.00	0.10406	481300.00	3637800.00	0.09729
481400.00	3637800.00	0.09107	481500.00	3637800.00	0.08528
481600.00	3637800.00	0.07976	481700.00	3637800.00	0.07441
478900.00	3637900.00	0.03593	479000.00	3637900.00	0.03745
479100.00	3637900.00	0.03970	479200.00	3637900.00	0.04301
479300.00	3637900.00	0.04774	479400.00	3637900.00	0.05419
479500.00	3637900.00	0.06236	479600.00	3637900.00	0.07130
479700.00	3637900.00	0.07888	479800.00	3637900.00	0.08518
479900.00	3637900.00	0.09551	480000.00	3637900.00	0.11147
480100.00	3637900.00	0.12435	480200.00	3637900.00	0.12857
480300.00	3637900.00	0.12864	480400.00	3637900.00	0.12969
480500.00	3637900.00	0.13020	480600.00	3637900.00	0.12635
480700.00	3637900.00	0.11930	480800.00	3637900.00	0.11236
480900.00	3637900.00	0.10668	481000.00	3637900.00	0.10169
481100.00	3637900.00	0.09664	481200.00	3637900.00	0.09138
481300.00	3637900.00	0.08620	481400.00	3637900.00	0.08136
481500.00	3637900.00	0.07694	481600.00	3637900.00	0.07285
481700.00	3637900.00	0.06895	478900.00	3638000.00	0.03147
479000.00	3638000.00	0.03303	479100.00	3638000.00	0.03541
479200.00	3638000.00	0.03890	479300.00	3638000.00	0.04372
479400.00	3638000.00	0.04999	479500.00	3638000.00	0.05742
479600.00	3638000.00	0.06463	479700.00	3638000.00	0.07004
479800.00	3638000.00	0.07510	479900.00	3638000.00	0.08401
480000.00	3638000.00	0.09609	480100.00	3638000.00	0.10493
480200.00	3638000.00	0.10789	480300.00	3638000.00	0.10851
480400.00	3638000.00	0.10975	480500.00	3638000.00	0.10985
480600.00	3638000.00	0.10657	480700.00	3638000.00	0.10113
480800.00	3638000.00	0.09587	480900.00	3638000.00	0.09170

481000.00	3638000.00	0.08822	481100.00	3638000.00	0.08478
481200.00	3638000.00	0.08103	481300.00	3638000.00	0.07708
481400.00	3638000.00	0.07320	481500.00	3638000.00	0.06960

CONC URBAN ELEV DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481600.00	3638000.00	0.06633	481700.00	3638000.00	0.06332
478900.00	3638100.00	0.02794	479000.00	3638100.00	0.02972
479100.00	3638100.00	0.03238	479200.00	3638100.00	0.03607
479300.00	3638100.00	0.04093	479400.00	3638100.00	0.04689
479500.00	3638100.00	0.05334	479600.00	3638100.00	0.05882
479700.00	3638100.00	0.06262	479800.00	3638100.00	0.06692
479900.00	3638100.00	0.07446	480000.00	3638100.00	0.08353
480100.00	3638100.00	0.08975	480200.00	3638100.00	0.09213
480300.00	3638100.00	0.09329	480400.00	3638100.00	0.09462
480500.00	3638100.00	0.09447	480600.00	3638100.00	0.09159
480700.00	3638100.00	0.08715	480800.00	3638100.00	0.08295
480900.00	3638100.00	0.07974	481000.00	3638100.00	0.07726
481100.00	3638100.00	0.07494	481200.00	3638100.00	0.07238
481300.00	3638100.00	0.06949	481400.00	3638100.00	0.06642
481500.00	3638100.00	0.06342	481600.00	3638100.00	0.06065
481700.00	3638100.00	0.05812	478900.00	3638200.00	0.02535
479000.00	3638200.00	0.02743	479100.00	3638200.00	0.03033
479200.00	3638200.00	0.03414	479300.00	3638200.00	0.03890
479400.00	3638200.00	0.04436	479500.00	3638200.00	0.04965
479600.00	3638200.00	0.05359	479700.00	3638200.00	0.05635
479800.00	3638200.00	0.06012	479900.00	3638200.00	0.06637
480000.00	3638200.00	0.07318	480100.00	3638200.00	0.07775
480200.00	3638200.00	0.07994	480300.00	3638200.00	0.08149
480400.00	3638200.00	0.08281	480500.00	3638200.00	0.08253
480600.00	3638200.00	0.07998	480700.00	3638200.00	0.07621
480800.00	3638200.00	0.07269	480900.00	3638200.00	0.07007
481000.00	3638200.00	0.06822	481100.00	3638200.00	0.06667
481200.00	3638200.00	0.06500	481300.00	3638200.00	0.06299
481400.00	3638200.00	0.06067	481500.00	3638200.00	0.05824
481600.00	3638200.00	0.05585	481700.00	3638200.00	0.05364

CONC URBAN ELEV DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479700.00	3636250.00	2.94438c	(95102824)	479750.00	3636250.00	2.42349c	(95102824)
479800.00	3636250.00	2.07763c	(95030824)	479850.00	3636250.00	2.35339c	(95070524)
479900.00	3636250.00	2.40836c	(95070524)	479950.00	3636250.00	2.19743c	(95103124)
480000.00	3636250.00	3.96026c	(95022424)	480050.00	3636250.00	5.02873c	(95022424)
480100.00	3636250.00	4.42881c	(95022424)	480150.00	3636250.00	3.38690c	(95022424)
480200.00	3636250.00	2.87138c	(95052624)	480250.00	3636250.00	2.91756c	(95052624)
480300.00	3636250.00	2.95594c	(95022424)	480350.00	3636250.00	3.25084c	(95022424)
480400.00	3636250.00	3.54224c	(95022424)	480450.00	3636250.00	3.66175c	(95022424)
480500.00	3636250.00	3.46263c	(95022424)	480550.00	3636250.00	2.98293c	(95022424)
480600.00	3636250.00	2.97804c	(95022324)	480650.00	3636250.00	3.05995c	(95022324)
480700.00	3636250.00	3.05936c	(95022324)	480750.00	3636250.00	2.94832c	(95022324)
480800.00	3636250.00	2.76940c	(95022324)	480850.00	3636250.00	2.58894c	(95022324)
480900.00	3636250.00	2.44671c	(95022324)	479700.00	3636300.00	3.51759c	(95102824)
479750.00	3636300.00	3.29230c	(95102824)	479800.00	3636300.00	2.68654c	(95102824)
479850.00	3636300.00	2.57530c	(95070524)	479900.00	3636300.00	2.93516c	(95070524)
479950.00	3636300.00	2.71315c	(95070524)	480000.00	3636300.00	4.61910c	(95022424)
480050.00	3636300.00	6.11965c	(95022424)	480100.00	3636300.00	5.17773c	(95022424)
480150.00	3636300.00	3.94196c	(95022424)	480200.00	3636300.00	3.48705c	(95052624)
480250.00	3636300.00	3.37205c	(95022424)	480300.00	3636300.00	3.46204c	(95022424)
480350.00	3636300.00	3.68703c	(95022424)	480400.00	3636300.00	3.96485c	(95022424)
480450.00	3636300.00	4.07852c	(95022424)	480500.00	3636300.00	3.80346c	(95022424)
480550.00	3636300.00	3.25454c	(95022324)	480600.00	3636300.00	3.32689c	(95022324)
480650.00	3636300.00	3.35901c	(95022324)	480700.00	3636300.00	3.27026c	(95022324)
480750.00	3636300.00	3.07461c	(95022324)	480800.00	3636300.00	2.85926c	(95022324)
480850.00	3636300.00	2.69296c	(95022324)	480900.00	3636300.00	2.58222c	(95022324)
479700.00	3636350.00	3.86998c	(95102824)	479750.00	3636350.00	3.94240c	(95102824)
479800.00	3636350.00	3.76032c	(95102824)	479850.00	3636350.00	3.18110c	(95030824)
479900.00	3636350.00	3.45400c	(95070524)	479950.00	3636350.00	3.61490c	(95070524)
480000.00	3636350.00	5.48007c	(95022424)	480050.00	3636350.00	7.70012c	(95022424)
480100.00	3636350.00	6.22920c	(95022424)	480150.00	3636350.00	4.89296c	(95022424)
480200.00	3636350.00	4.41550c	(95022424)	480250.00	3636350.00	4.12443c	(95022324)
480300.00	3636350.00	4.43571c	(95022324)	480350.00	3636350.00	4.23012c	(95022324)
480400.00	3636350.00	4.37940c	(95022424)	480450.00	3636350.00	4.51528c	(95022424)
480500.00	3636350.00	4.15975c	(95022424)	480550.00	3636350.00	3.63131c	(95022324)
480600.00	3636350.00	3.67134c	(95022324)	480650.00	3636350.00	3.62480c	(95022324)
480700.00	3636350.00	3.43224c	(95022324)	480750.00	3636350.00	3.18076c	(95022324)
480800.00	3636350.00	2.98597c	(95022324)	480850.00	3636350.00	2.87245c	(95022324)

480900.00	3636350.00	2.79316c (95022324)	479700.00	3636400.00	4.00806c (95102824)
479750.00	3636400.00	4.34389c (95102824)	479800.00	3636400.00	4.49612c (95102824)
479850.00	3636400.00	4.43442c (95102824)	479900.00	3636400.00	3.98222c (95030824)

CONC URBAN ELEV DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479950.00	3636400.00	4.81484c	(95070524)	480000.00	3636400.00	6.67209c	(95022424)
480050.00	3636400.00	10.17098c	(95022424)	480100.00	3636400.00	7.97578c	(95022424)
480150.00	3636400.00	6.63414c	(95022424)	480200.00	3636400.00	5.61405c	(95022424)
480250.00	3636400.00	5.85986c	(95022324)	480300.00	3636400.00	5.34464c	(95022324)
480350.00	3636400.00	4.72678c	(95022324)	480400.00	3636400.00	4.79408c	(95022424)
480450.00	3636400.00	4.98743c	(95022424)	480500.00	3636400.00	4.54683c	(95022424)
480550.00	3636400.00	4.01870c	(95022324)	480600.00	3636400.00	3.99999c	(95022324)
480650.00	3636400.00	3.84961c	(95022324)	480700.00	3636400.00	3.57289c	(95022324)
480750.00	3636400.00	3.34271c	(95022324)	480800.00	3636400.00	3.23381c	(95022324)
480850.00	3636400.00	3.17211c	(95022324)	480900.00	3636400.00	3.07516c	(95022324)
479700.00	3636450.00	4.07229c	(95020224)	479750.00	3636450.00	4.49863c	(95102824)
479800.00	3636450.00	4.97144c	(95102824)	479850.00	3636450.00	5.27519c	(95102824)
479900.00	3636450.00	5.51335c	(95102824)	479950.00	3636450.00	5.91150c	(95070524)
480000.00	3636450.00	8.56119c	(95022424)	480050.00	3636450.00	14.74995c	(95022424)
480100.00	3636450.00	11.59983c	(95022424)	480150.00	3636450.00	9.28294c	(95022424)
480200.00	3636450.00	8.15120c	(95022324)	480250.00	3636450.00	6.88717c	(95022324)
480300.00	3636450.00	5.86957c	(95022324)	480350.00	3636450.00	5.25889c	(95022324)
480400.00	3636450.00	5.20807c	(95022424)	480450.00	3636450.00	5.50806c	(95022424)
480500.00	3636450.00	4.98583c	(95022424)	480550.00	3636450.00	4.39539c	(95022324)
480600.00	3636450.00	4.31066c	(95022324)	480650.00	3636450.00	4.06161c	(95022324)
480700.00	3636450.00	3.79145c	(95022324)	480750.00	3636450.00	3.69320c	(95022324)
480800.00	3636450.00	3.67460c	(95022324)	480850.00	3636450.00	3.57542c	(95022324)
480900.00	3636450.00	3.36932c	(95022324)	479700.00	3636500.00	4.62578c	(95020224)
479750.00	3636500.00	4.75553c	(95020224)	479800.00	3636500.00	5.14094c	(95102824)
479850.00	3636500.00	5.86225c	(95102824)	479900.00	3636500.00	6.51791c	(95102824)
479950.00	3636500.00	7.73542c	(95030824)	480250.00	3636500.00	7.77665c	(95022324)
480300.00	3636500.00	6.80824c	(95022324)	480350.00	3636500.00	6.31516c	(95022324)
480400.00	3636500.00	5.85845c	(95022324)	480450.00	3636500.00	6.09305c	(95022424)
480500.00	3636500.00	5.52607c	(95022424)	480550.00	3636500.00	4.75558c	(95022324)
480600.00	3636500.00	4.64058c	(95022324)	480650.00	3636500.00	4.37710c	(95022324)
480700.00	3636500.00	4.29181c	(95022324)	480750.00	3636500.00	4.35494c	(95022324)
480800.00	3636500.00	4.26605c	(95022324)	480850.00	3636500.00	3.96654c	(95022324)
480900.00	3636500.00	3.58411c	(95022324)	479700.00	3636550.00	4.96444c	(95112024)
479750.00	3636550.00	5.29193c	(95020224)	479800.00	3636550.00	5.64338c	(95020224)
479850.00	3636550.00	6.04105c	(95102824)	479900.00	3636550.00	7.27098c	(95102824)
479950.00	3636550.00	10.67703c	(95122524)	480450.00	3636550.00	6.81236c	(95022424)
480500.00	3636550.00	6.29230c	(95022424)	480550.00	3636550.00	5.17350c	(95022324)

480600.00	3636550.00	5.18240c (95031824)	480650.00	3636550.00	5.10892c (95022324)
480700.00	3636550.00	5.30841c (95022324)	480750.00	3636550.00	5.24108c (95022324)
480800.00	3636550.00	4.77886c (95022324)	480850.00	3636550.00	4.19146c (95022324)

CONC URBAN ELEV DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
480900.00	3636550.00	3.68937c	(95052024)	479700.00	3636600.00	5.21198c	(95112024)
479750.00	3636600.00	5.64845c	(95112024)	479800.00	3636600.00	6.11608c	(95112024)
479850.00	3636600.00	6.80520c	(95020224)	479900.00	3636600.00	8.36281c	(95122524)
479950.00	3636600.00	12.94130c	(95122524)	480700.00	3636600.00	6.67305c	(95022324)
480750.00	3636600.00	5.89106c	(95022324)	480800.00	3636600.00	4.96346c	(95022324)
480850.00	3636600.00	4.28950c	(95052024)	480900.00	3636600.00	3.96365c	(95052024)
479700.00	3636650.00	5.15189c	(95112024)	479750.00	3636650.00	5.85009c	(95112024)
479800.00	3636650.00	6.51211c	(95112024)	479850.00	3636650.00	7.60305c	(95122524)
479900.00	3636650.00	9.94285c	(95122524)	479950.00	3636650.00	15.06033c	(95122524)
480700.00	3636650.00	7.41787c	(95022324)	480750.00	3636650.00	5.94687c	(95022324)
480800.00	3636650.00	5.02249c	(95052024)	480850.00	3636650.00	4.52044c	(95052024)
480900.00	3636650.00	4.14967c	(95052024)	479700.00	3636700.00	5.60320c	(95122524)
479750.00	3636700.00	6.28603c	(95122524)	479800.00	3636700.00	7.23363c	(95122524)
479850.00	3636700.00	8.69455c	(95122524)	479900.00	3636700.00	11.24887c	(95122524)
479950.00	3636700.00	16.89463c	(95122524)	480700.00	3636700.00	7.28690c	(95022324)
480750.00	3636700.00	5.95768c	(95022324)	480800.00	3636700.00	5.22235c	(95022324)
480850.00	3636700.00	4.74588c	(95052024)	480900.00	3636700.00	4.39070c	(95052024)
479700.00	3636750.00	6.13031c	(95122524)	479750.00	3636750.00	7.05102c	(95122524)
479800.00	3636750.00	8.19618c	(95122524)	479850.00	3636750.00	9.85746c	(95122524)
479900.00	3636750.00	12.66545c	(95122524)	479950.00	3636750.00	18.71693c	(95122524)
480700.00	3636750.00	7.75965c	(95022324)	480750.00	3636750.00	6.73428c	(95022324)
480800.00	3636750.00	5.92862c	(95022324)	480850.00	3636750.00	5.15530c	(95052024)
480900.00	3636750.00	4.65164c	(95052024)	479700.00	3636800.00	6.01042c	(95122524)
479750.00	3636800.00	7.32931c	(95122524)	479800.00	3636800.00	8.83818c	(95122524)
479850.00	3636800.00	10.77097c	(95122524)	479900.00	3636800.00	13.81844c	(95122524)
479950.00	3636800.00	20.15199c	(95122524)	480700.00	3636800.00	8.98999c	(95022324)
480750.00	3636800.00	7.75117c	(95022324)	480800.00	3636800.00	6.25378c	(95052024)
480850.00	3636800.00	5.52985c	(95052024)	480900.00	3636800.00	4.61347c	(95052024)
479700.00	3636850.00	5.03780c	(95122524)	479750.00	3636850.00	6.52851c	(95122524)
479800.00	3636850.00	8.54597c	(95122524)	479850.00	3636850.00	11.10065c	(95122524)
479900.00	3636850.00	14.59197c	(95122524)	479950.00	3636850.00	21.22091c	(95122524)
480700.00	3636850.00	10.03346c	(95022324)	480750.00	3636850.00	8.21595c	(95052024)
480800.00	3636850.00	6.89876c	(95052024)	480850.00	3636850.00	5.36611c	(95052024)
480900.00	3636850.00	4.01831c	(95052024)	479700.00	3636900.00	4.59892c	(95012924)
479750.00	3636900.00	5.65715c	(95010624)	479800.00	3636900.00	7.08141c	(95010624)
479850.00	3636900.00	9.50678c	(95122524)	479900.00	3636900.00	14.06432c	(95122524)

479950.00	3636900.00	21.74844c (95122524)	480650.00	3636900.00	14.02514c (95022324)
480700.00	3636900.00	12.29840c (95052024)	480750.00	3636900.00	9.41382c (95052024)
480800.00	3636900.00	6.55781c (95052024)	480850.00	3636900.00	4.47471c (95052024)
480900.00	3636900.00	3.62921c (95112024)	479700.00	3636950.00	5.19367c (95010624)

CONC URBAN ELEV DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479750.00	3636950.00	6.21377c	(95010624)	479800.00	3636950.00	7.59331c	(95010624)
479850.00	3636950.00	9.62504c	(95010624)	479900.00	3636950.00	12.97531c	(95010624)
479950.00	3636950.00	19.84758c	(95010624)	480650.00	3636950.00	20.52460c	(95052024)
480700.00	3636950.00	13.07394c	(95052024)	480750.00	3636950.00	8.00970c	(95052024)
480800.00	3636950.00	5.14571c	(95081824)	480850.00	3636950.00	4.04141c	(95081824)
480900.00	3636950.00	3.41727c	(95101824)	479700.00	3637000.00	5.61834c	(95010624)
479750.00	3637000.00	6.64785c	(95010624)	479800.00	3637000.00	8.07231c	(95010624)
479850.00	3637000.00	10.15405c	(95010624)	479900.00	3637000.00	13.42474c	(95010624)
479950.00	3637000.00	18.71433c	(95010624)	480650.00	3637000.00	17.89252c	(95052024)
480700.00	3637000.00	10.62337c	(95101824)	480750.00	3637000.00	7.97596c	(95101824)
480800.00	3637000.00	6.16812c	(95101824)	480850.00	3637000.00	4.86830c	(95101824)
480900.00	3637000.00	3.92321c	(95101824)	479700.00	3637050.00	5.88197c	(95010624)
479750.00	3637050.00	6.82074c	(95010624)	479800.00	3637050.00	7.94734c	(95010624)
479850.00	3637050.00	9.17015c	(95010624)	479900.00	3637050.00	10.61267c	(95010624)
479950.00	3637050.00	13.26780c	(95010624)	480000.00	3637050.00	17.36199c	(95021624)
480050.00	3637050.00	26.92068c	(95030424)	480650.00	3637050.00	19.20652c	(95052324)
480700.00	3637050.00	10.97609c	(95052324)	480750.00	3637050.00	7.70634c	(95040824)
480800.00	3637050.00	5.84616c	(95040824)	480850.00	3637050.00	4.65727c	(95040824)
480900.00	3637050.00	3.84488c	(95040824)	479700.00	3637100.00	5.65574c	(95010624)
479750.00	3637100.00	6.21787c	(95010624)	479800.00	3637100.00	6.84689c	(95010624)
479850.00	3637100.00	7.69804c	(95010624)	479900.00	3637100.00	8.75845c	(95010624)
479950.00	3637100.00	11.20934c	(95021624)	480000.00	3637100.00	12.52844c	(95021624)
480050.00	3637100.00	17.38422c	(95030424)	480100.00	3637100.00	20.77294c	(95030424)
480150.00	3637100.00	21.13169c	(95030424)	480200.00	3637100.00	22.46282c	(95010624)
480650.00	3637100.00	19.86070c	(95052324)	480700.00	3637100.00	12.61878c	(95052324)
480750.00	3637100.00	8.70890c	(95052324)	480800.00	3637100.00	6.47639c	(95052324)
480850.00	3637100.00	5.10748c	(95052324)	480900.00	3637100.00	4.17483c	(95052324)
479700.00	3637150.00	5.05157c	(95010624)	479750.00	3637150.00	5.44762c	(95010624)
479800.00	3637150.00	5.94638c	(95010624)	479850.00	3637150.00	6.54015c	(95010624)
479900.00	3637150.00	7.26230c	(95021624)	479950.00	3637150.00	9.52349c	(95021624)
480000.00	3637150.00	10.25812c	(95110824)	480050.00	3637150.00	12.68662c	(95030424)
480100.00	3637150.00	15.50835c	(95030424)	480150.00	3637150.00	16.65307c	(95030424)
480200.00	3637150.00	15.41792c	(95030424)	480250.00	3637150.00	16.01375c	(95030424)
480300.00	3637150.00	20.30822c	(95030424)	480350.00	3637150.00	20.75384c	(95030424)
480400.00	3637150.00	20.26523c	(95030424)	480450.00	3637150.00	19.35047c	(95030424)
480500.00	3637150.00	18.91448c	(95052424)	480550.00	3637150.00	18.68684c	(95052424)
480600.00	3637150.00	15.68073c	(95052424)	480650.00	3637150.00	13.54832c	(95052324)

480700.00	3637150.00	11.12433c (95052324)	480750.00	3637150.00	8.59336c (95052324)
480800.00	3637150.00	6.63309c (95052324)	480850.00	3637150.00	5.24889c (95052324)
480900.00	3637150.00	4.28707c (95052324)	479700.00	3637200.00	4.55641c (95010624)

CONC URBAN ELEV DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479750.00	3637200.00	4.95046c	(95010624)	479800.00	3637200.00	5.47675c	(95010624)
479850.00	3637200.00	6.16368c	(95010624)	479900.00	3637200.00	6.94885c	(95010624)
479950.00	3637200.00	8.00387c	(95021624)	480000.00	3637200.00	8.66859c	(95110824)
480050.00	3637200.00	10.44368c	(95030424)	480100.00	3637200.00	12.57875c	(95030424)
480150.00	3637200.00	13.13258c	(95030424)	480200.00	3637200.00	12.16444c	(95030424)
480250.00	3637200.00	12.13366c	(95030424)	480300.00	3637200.00	13.52389c	(95030424)
480350.00	3637200.00	13.68679c	(95030424)	480400.00	3637200.00	13.07711c	(95030424)
480450.00	3637200.00	12.22154c	(95030424)	480500.00	3637200.00	12.64962c	(95052424)
480550.00	3637200.00	12.78197c	(95052424)	480600.00	3637200.00	11.11038c	(95052424)
480650.00	3637200.00	9.25137c	(95052324)	480700.00	3637200.00	8.66177c	(95052324)
480750.00	3637200.00	7.55153c	(95052324)	480800.00	3637200.00	6.34079c	(95052324)
480850.00	3637200.00	5.23427c	(95052324)	480900.00	3637200.00	4.33075c	(95052324)
479700.00	3637250.00	4.30731c	(95010624)	479750.00	3637250.00	4.74021c	(95010624)
479800.00	3637250.00	5.23587c	(95010624)	479850.00	3637250.00	5.68347c	(95010624)
479900.00	3637250.00	6.35609c	(95021624)	479950.00	3637250.00	7.18433c	(95110824)
480000.00	3637250.00	7.33612c	(95110824)	480050.00	3637250.00	8.85208c	(95030424)
480100.00	3637250.00	10.17539c	(95030424)	480150.00	3637250.00	10.43296c	(95030424)
480200.00	3637250.00	9.81673c	(95030424)	480250.00	3637250.00	9.62026c	(95030424)
480300.00	3637250.00	9.97394c	(95030424)	480350.00	3637250.00	9.84830c	(95030424)
480400.00	3637250.00	9.45777c	(95030424)	480450.00	3637250.00	8.95609c	(95030424)
480500.00	3637250.00	9.09112c	(95052424)	480550.00	3637250.00	9.35365c	(95052424)
480600.00	3637250.00	8.39155c	(95052424)	480650.00	3637250.00	6.91901c	(95052424)
480700.00	3637250.00	6.61596c	(95052324)	480750.00	3637250.00	6.21965c	(95052324)
480800.00	3637250.00	5.60801c	(95052324)	480850.00	3637250.00	4.92776c	(95052324)
480900.00	3637250.00	4.25217c	(95052324)	479700.00	3637300.00	4.02689c	(95010624)
479750.00	3637300.00	4.28952c	(95010624)	479800.00	3637300.00	4.45065c	(95010624)
479850.00	3637300.00	4.81282c	(95021624)	479900.00	3637300.00	5.76800c	(95021624)
479950.00	3637300.00	6.43922c	(95110824)	480000.00	3637300.00	6.18686c	(95110824)
480050.00	3637300.00	7.43344c	(95030424)	480100.00	3637300.00	8.28739c	(95030424)
480150.00	3637300.00	8.43298c	(95030424)	480200.00	3637300.00	7.98602c	(95030424)
480250.00	3637300.00	7.75344c	(95030424)	480300.00	3637300.00	7.78101c	(95030424)
480350.00	3637300.00	7.64079c	(95030424)	480400.00	3637300.00	7.43542c	(95030424)
480450.00	3637300.00	7.09227c	(95030424)	480500.00	3637300.00	6.80777c	(95052424)
480550.00	3637300.00	7.08967c	(95052424)	480600.00	3637300.00	6.53426c	(95052424)
480650.00	3637300.00	5.58811c	(95052424)	480700.00	3637300.00	5.10426c	(95052424)
480750.00	3637300.00	4.99771c	(95052324)	480800.00	3637300.00	4.74708c	(95052324)
480850.00	3637300.00	4.38267c	(95052324)	480900.00	3637300.00	3.96595c	(95052324)

479700.00	3637350.00	3.40462c (95010624)	479750.00	3637350.00	3.39933c (95010624)
479800.00	3637350.00	3.60068c (95021624)	479850.00	3637350.00	4.64137c (95021624)
479900.00	3637350.00	5.19533c (95021624)	479950.00	3637350.00	5.73591c (95110824)

CONC URBAN ELEV DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
480000.00	3637350.00	5.30177c	(95030424)	480050.00	3637350.00	6.23185c	(95030424)
480100.00	3637350.00	6.83123c	(95030424)	480150.00	3637350.00	6.89227c	(95030424)
480200.00	3637350.00	6.56233c	(95030424)	480250.00	3637350.00	6.37062c	(95030424)
480300.00	3637350.00	6.35578c	(95030424)	480350.00	3637350.00	6.28806c	(95030424)
480400.00	3637350.00	6.15123c	(95030424)	480450.00	3637350.00	5.86335c	(95030424)
480500.00	3637350.00	5.34833c	(95030424)	480550.00	3637350.00	5.50008c	(95052424)
480600.00	3637350.00	5.18664c	(95052424)	480650.00	3637350.00	4.57355c	(95052424)
480700.00	3637350.00	4.19322c	(95052424)	480750.00	3637350.00	4.05521c	(95052424)
480800.00	3637350.00	3.91960c	(95052324)	480850.00	3637350.00	3.76308c	(95052324)
480900.00	3637350.00	3.53725c	(95052324)	479700.00	3637400.00	2.56689c	(95010624)
479750.00	3637400.00	2.69715c	(95021624)	479800.00	3637400.00	3.61046c	(95021624)
479850.00	3637400.00	4.41145c	(95021624)	479900.00	3637400.00	4.90133c	(95110824)
479950.00	3637400.00	5.06996c	(95110824)	480000.00	3637400.00	4.56072c	(95030424)
480050.00	3637400.00	5.25448c	(95030424)	480100.00	3637400.00	5.68792c	(95030424)
480150.00	3637400.00	5.70695c	(95030424)	480200.00	3637400.00	5.48230c	(95030424)
480250.00	3637400.00	5.36352c	(95030424)	480300.00	3637400.00	5.37626c	(95030424)
480350.00	3637400.00	5.36047c	(95030424)	480400.00	3637400.00	5.24568c	(95030424)
480450.00	3637400.00	4.99628c	(95030424)	480500.00	3637400.00	4.56818c	(95030424)
480550.00	3637400.00	4.34419c	(95052424)	480600.00	3637400.00	4.16843c	(95052424)
480650.00	3637400.00	3.77094c	(95052424)	480700.00	3637400.00	3.48293c	(95052424)
480750.00	3637400.00	3.38631c	(95052424)	480800.00	3637400.00	3.33925c	(95052424)
480850.00	3637400.00	3.22585c	(95052424)	480900.00	3637400.00	3.06282c	(95052324)
478900.00	3635500.00	1.27574c	(95102824)	479000.00	3635500.00	1.12407c	(95102824)
479100.00	3635500.00	0.85012c	(95102824)	479200.00	3635500.00	0.60056c	(95030824)
479300.00	3635500.00	0.52066c	(95030824)	479400.00	3635500.00	0.51837c	(95070524)
479500.00	3635500.00	0.57911c	(95070524)	479600.00	3635500.00	0.57505c	(95070524)
479700.00	3635500.00	0.52730c	(95070524)	479800.00	3635500.00	0.46788c	(95103124)
479900.00	3635500.00	0.73247c	(95103124)	480000.00	3635500.00	1.05681c	(95022424)
480100.00	3635500.00	1.19002c	(95022424)	480200.00	3635500.00	1.11017c	(95022424)
480300.00	3635500.00	0.96812c	(95022424)	480400.00	3635500.00	0.86187c	(95022424)
480500.00	3635500.00	0.77071c	(95022424)	480600.00	3635500.00	0.72360c	(95111424)
480700.00	3635500.00	0.76598c	(95111424)	480800.00	3635500.00	0.79844	(95083124)
480900.00	3635500.00	0.83584	(95083124)	481000.00	3635500.00	0.85339	(95083124)
481100.00	3635500.00	0.84144	(95083124)	481200.00	3635500.00	0.79391	(95083124)
481300.00	3635500.00	0.83405c	(95022324)	481400.00	3635500.00	0.87212c	(95022324)
481500.00	3635500.00	0.90216c	(95022324)	481600.00	3635500.00	0.92447c	(95022324)
481700.00	3635500.00	0.93444c	(95022324)	478900.00	3635600.00	1.36880c	(95102824)

479000.00	3635600.00	1.39213c (95102824)	479100.00	3635600.00	1.21006c (95102824)
479200.00	3635600.00	0.88977c (95102824)	479300.00	3635600.00	0.65675c (95030824)
479400.00	3635600.00	0.57072c (95111824)	479500.00	3635600.00	0.62822c (95070524)

CONC URBAN ELEV DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479600.00	3635600.00	0.66042c	(95070524)	479700.00	3635600.00	0.62142c	(95070524)
479800.00	3635600.00	0.55148c	(95070524)	479900.00	3635600.00	0.79539c	(95103124)
480000.00	3635600.00	1.18418c	(95022424)	480100.00	3635600.00	1.33318c	(95022424)
480200.00	3635600.00	1.21047c	(95022424)	480300.00	3635600.00	1.04183c	(95022424)
480400.00	3635600.00	0.95025c	(95022424)	480500.00	3635600.00	0.87858c	(95022424)
480600.00	3635600.00	0.83212c	(95111424)	480700.00	3635600.00	0.85401c	(95031824)
480800.00	3635600.00	0.85714c	(95031824)	480900.00	3635600.00	0.88126	(95083124)
481000.00	3635600.00	0.88973	(95083124)	481100.00	3635600.00	0.90382c	(95022324)
481200.00	3635600.00	0.96521c	(95022324)	481300.00	3635600.00	0.99654c	(95022324)
481400.00	3635600.00	1.01409c	(95022324)	481500.00	3635600.00	1.02500c	(95022324)
481600.00	3635600.00	1.02632c	(95022324)	481700.00	3635600.00	1.00957c	(95022324)
478900.00	3635700.00	1.26803c	(95102824)	479000.00	3635700.00	1.50418c	(95102824)
479100.00	3635700.00	1.52922c	(95102824)	479200.00	3635700.00	1.30861c	(95102824)
479300.00	3635700.00	0.93139c	(95102824)	479400.00	3635700.00	0.71845c	(95030824)
479500.00	3635700.00	0.65729c	(95070524)	479600.00	3635700.00	0.74992c	(95070524)
479700.00	3635700.00	0.73569c	(95070524)	479800.00	3635700.00	0.66038c	(95070524)
479900.00	3635700.00	0.86615c	(95103124)	480000.00	3635700.00	1.34372c	(95022424)
480100.00	3635700.00	1.51204c	(95022424)	480200.00	3635700.00	1.32492c	(95022424)
480300.00	3635700.00	1.12669c	(95022424)	480400.00	3635700.00	1.06645c	(95022424)
480500.00	3635700.00	1.02772c	(95022424)	480600.00	3635700.00	0.93964c	(95031824)
480700.00	3635700.00	0.96741c	(95031824)	480800.00	3635700.00	0.93899c	(95031824)
480900.00	3635700.00	0.93007	(95083124)	481000.00	3635700.00	1.04803c	(95022324)
481100.00	3635700.00	1.12892c	(95022324)	481200.00	3635700.00	1.15354c	(95022324)
481300.00	3635700.00	1.15219c	(95022324)	481400.00	3635700.00	1.14502c	(95022324)
481500.00	3635700.00	1.13348c	(95022324)	481600.00	3635700.00	1.10749c	(95022324)
481700.00	3635700.00	1.05646c	(95022324)	478900.00	3635800.00	1.18853c	(95020224)
479000.00	3635800.00	1.38488c	(95102824)	479100.00	3635800.00	1.66578c	(95102824)
479200.00	3635800.00	1.69385c	(95102824)	479300.00	3635800.00	1.42296c	(95102824)
479400.00	3635800.00	0.97390c	(95102824)	479500.00	3635800.00	0.78315c	(95030824)
479600.00	3635800.00	0.83044c	(95070524)	479700.00	3635800.00	0.87368c	(95070524)
479800.00	3635800.00	0.79879c	(95070524)	479900.00	3635800.00	0.94366c	(95103124)
480000.00	3635800.00	1.54794c	(95022424)	480100.00	3635800.00	1.74027c	(95022424)
480200.00	3635800.00	1.45566c	(95022424)	480300.00	3635800.00	1.22896c	(95022424)
480400.00	3635800.00	1.22824c	(95022424)	480500.00	3635800.00	1.23935c	(95022424)
480600.00	3635800.00	1.12694c	(95022424)	480700.00	3635800.00	1.07513c	(95031824)
480800.00	3635800.00	1.02288c	(95031824)	480900.00	3635800.00	1.21488c	(95022324)
481000.00	3635800.00	1.33210c	(95022324)	481100.00	3635800.00	1.35302c	(95022324)

481200.00	3635800.00	1.32470c (95022324)	481300.00	3635800.00	1.29033c (95022324)
481400.00	3635800.00	1.26051c (95022324)	481500.00	3635800.00	1.22205c (95022324)
481600.00	3635800.00	1.15897c (95022324)	481700.00	3635800.00	1.06339c (95022324)

CONC URBAN ELEV DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
478900.00	3635900.00	1.62818c	(95020224)	479000.00	3635900.00	1.43767c	(95020224)
479100.00	3635900.00	1.52327c	(95102824)	479200.00	3635900.00	1.86072c	(95102824)
479300.00	3635900.00	1.89418c	(95102824)	479400.00	3635900.00	1.55877c	(95102824)
479500.00	3635900.00	1.03702c	(95030824)	479600.00	3635900.00	0.87575c	(95070524)
479700.00	3635900.00	1.03138c	(95070524)	479800.00	3635900.00	0.98315c	(95070524)
479900.00	3635900.00	1.02292c	(95103124)	480000.00	3635900.00	1.81621c	(95022424)
480100.00	3635900.00	2.04010c	(95022424)	480200.00	3635900.00	1.60783c	(95022424)
480300.00	3635900.00	1.36252c	(95022424)	480400.00	3635900.00	1.46606c	(95022424)
480500.00	3635900.00	1.54087c	(95022424)	480600.00	3635900.00	1.38646c	(95022424)
480700.00	3635900.00	1.17999c	(95031824)	480800.00	3635900.00	1.40326c	(95022324)
480900.00	3635900.00	1.58068c	(95022324)	481000.00	3635900.00	1.60747c	(95022324)
481100.00	3635900.00	1.54413c	(95022324)	481200.00	3635900.00	1.46966c	(95022324)
481300.00	3635900.00	1.41297c	(95022324)	481400.00	3635900.00	1.35848c	(95022324)
481500.00	3635900.00	1.28066c	(95022324)	481600.00	3635900.00	1.16603c	(95022324)
481700.00	3635900.00	1.07540c	(95052024)	478900.00	3636000.00	1.84011c	(95020224)
479000.00	3636000.00	1.88146c	(95020224)	479100.00	3636000.00	1.73663c	(95020224)
479200.00	3636000.00	1.68924c	(95102824)	479300.00	3636000.00	2.10047c	(95102824)
479400.00	3636000.00	2.14419c	(95102824)	479500.00	3636000.00	1.72360c	(95102824)
479600.00	3636000.00	1.19538c	(95030824)	479700.00	3636000.00	1.18056c	(95070524)
479800.00	3636000.00	1.23673c	(95070524)	479900.00	3636000.00	1.09225c	(95103124)
480000.00	3636000.00	2.17938c	(95022424)	480100.00	3636000.00	2.44582c	(95022424)
480200.00	3636000.00	1.79177c	(95022424)	480300.00	3636000.00	1.59132c	(95052624)
480400.00	3636000.00	1.82913c	(95022424)	480500.00	3636000.00	1.95873c	(95022424)
480600.00	3636000.00	1.69481c	(95022424)	480700.00	3636000.00	1.62177c	(95022324)
480800.00	3636000.00	1.87670c	(95022324)	480900.00	3636000.00	1.93028c	(95022324)
481000.00	3636000.00	1.82584c	(95022324)	481100.00	3636000.00	1.69416c	(95022324)
481200.00	3636000.00	1.59946c	(95022324)	481300.00	3636000.00	1.52456c	(95022324)
481400.00	3636000.00	1.42900c	(95022324)	481500.00	3636000.00	1.29033c	(95022324)
481600.00	3636000.00	1.22312c	(95052024)	481700.00	3636000.00	1.17753c	(95052024)
478900.00	3636100.00	1.92129c	(95112024)	479000.00	3636100.00	2.07271c	(95112024)
479100.00	3636100.00	2.15401c	(95020224)	479200.00	3636100.00	2.08748c	(95020224)
479300.00	3636100.00	1.89279c	(95102824)	479400.00	3636100.00	2.39923c	(95102824)
479500.00	3636100.00	2.46599c	(95102824)	479600.00	3636100.00	1.93422c	(95102824)
479700.00	3636100.00	1.37778c	(95030824)	479800.00	3636100.00	1.56878c	(95070524)
479900.00	3636100.00	1.39536c	(95070524)	480000.00	3636100.00	2.69027c	(95022424)
480100.00	3636100.00	3.01560c	(95022424)	480200.00	3636100.00	2.03920c	(95022424)
480300.00	3636100.00	2.05234c	(95052624)	480400.00	3636100.00	2.37620c	(95022424)

480500.00	3636100.00	2.49895c (95022424)	480600.00	3636100.00	2.02048c (95022424)
480700.00	3636100.00	2.21868c (95022324)	480800.00	3636100.00	2.33121c (95022324)
480900.00	3636100.00	2.19016c (95022324)	481000.00	3636100.00	1.98193c (95022324)

CONC URBAN ELEV DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
481100.00	3636100.00	1.83575c	(95022324)	481200.00	3636100.00	1.73436c	(95022324)
481300.00	3636100.00	1.61619c	(95022324)	481400.00	3636100.00	1.44523c	(95022324)
481500.00	3636100.00	1.40082c	(95052024)	481600.00	3636100.00	1.33038c	(95052024)
481700.00	3636100.00	1.23300c	(95052024)	478900.00	3636200.00	1.60883c	(95112024)
479000.00	3636200.00	2.02173c	(95112024)	479100.00	3636200.00	2.31702c	(95112024)
479200.00	3636200.00	2.43983c	(95020224)	479300.00	3636200.00	2.49124c	(95020224)
479400.00	3636200.00	2.28204c	(95020224)	479500.00	3636200.00	2.78162c	(95102824)
479600.00	3636200.00	2.89879c	(95102824)	479700.00	3636200.00	2.22452c	(95102824)
479800.00	3636200.00	1.89310c	(95070524)	479900.00	3636200.00	1.97325c	(95070524)
480000.00	3636200.00	3.44267c	(95022424)	480100.00	3636200.00	3.85174c	(95022424)
480200.00	3636200.00	2.46486c	(95022424)	480300.00	3636200.00	2.59964c	(95052624)
480400.00	3636200.00	3.12263c	(95022424)	480500.00	3636200.00	3.12990c	(95022424)
480600.00	3636200.00	2.62605c	(95022324)	480700.00	3636200.00	2.80465c	(95022324)
480800.00	3636200.00	2.66256c	(95022324)	480900.00	3636200.00	2.35737c	(95022324)
481000.00	3636200.00	2.14713c	(95022324)	481100.00	3636200.00	2.01424c	(95022324)
481200.00	3636200.00	1.86323c	(95022324)	481300.00	3636200.00	1.68412c	(95052024)
481400.00	3636200.00	1.62106c	(95052024)	481500.00	3636200.00	1.51543c	(95052024)
481600.00	3636200.00	1.37853c	(95052024)	481700.00	3636200.00	1.22401c	(95052024)
478900.00	3636300.00	1.27385c	(95122524)	479000.00	3636300.00	1.50152c	(95112024)
479100.00	3636300.00	2.05650c	(95112024)	479200.00	3636300.00	2.53655c	(95112024)
479300.00	3636300.00	2.81259c	(95112024)	479400.00	3636300.00	2.95204c	(95020224)
479500.00	3636300.00	2.86711c	(95020224)	479600.00	3636300.00	3.28935c	(95102824)
481000.00	3636300.00	2.41940c	(95022324)	481100.00	3636300.00	2.21043c	(95022324)
481200.00	3636300.00	2.00740c	(95052024)	481300.00	3636300.00	1.90304c	(95052024)
481400.00	3636300.00	1.74407c	(95052024)	481500.00	3636300.00	1.55071c	(95052024)
481600.00	3636300.00	1.34270c	(95052024)	481700.00	3636300.00	1.13792c	(95052024)
478900.00	3636400.00	1.51129c	(95122724)	479000.00	3636400.00	1.53088c	(95122724)
479100.00	3636400.00	1.60330c	(95122524)	479200.00	3636400.00	1.99281c	(95112024)
479300.00	3636400.00	2.70610c	(95112024)	479400.00	3636400.00	3.23438c	(95112024)
479500.00	3636400.00	3.49603c	(95020224)	479600.00	3636400.00	3.60223c	(95020224)
481000.00	3636400.00	2.73700c	(95022324)	481100.00	3636400.00	2.45140c	(95052024)
481200.00	3636400.00	2.27253c	(95052024)	481300.00	3636400.00	2.03013c	(95052024)
481400.00	3636400.00	1.75435c	(95052024)	481500.00	3636400.00	1.47364c	(95052024)
481600.00	3636400.00	1.21093c	(95052024)	481700.00	3636400.00	0.98117c	(95052024)
478900.00	3636500.00	1.52477c	(95122724)	479000.00	3636500.00	1.70540c	(95122724)
479100.00	3636500.00	1.83748c	(95122724)	479200.00	3636500.00	1.96998c	(95122524)

479300.00	3636500.00	2.15716c (95122524)	479400.00	3636500.00	2.77907c (95112024)
479500.00	3636500.00	3.67394c (95112024)	479600.00	3636500.00	4.22894c (95112024)
481000.00	3636500.00	3.07951c (95052024)	481100.00	3636500.00	2.75938c (95052024)
481200.00	3636500.00	2.38945c (95052024)	481300.00	3636500.00	1.99555c (95052024)

CONC URBAN ELEV DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
481400.00	3636500.00	1.61364c	(95052024)	481500.00	3636500.00	1.27628c	(95052024)
481600.00	3636500.00	1.00035c	(95052024)	481700.00	3636500.00	0.82883c	(95051924)
478900.00	3636600.00	1.10673c	(95122724)	479000.00	3636600.00	1.40312c	(95122724)
479100.00	3636600.00	1.72554c	(95122724)	479200.00	3636600.00	2.03635c	(95122724)
479300.00	3636600.00	2.34718c	(95122524)	479400.00	3636600.00	2.81480c	(95122524)
479500.00	3636600.00	3.21444c	(95122524)	479600.00	3636600.00	4.11754c	(95112024)
481000.00	3636600.00	3.40785c	(95052024)	481100.00	3636600.00	2.86132c	(95052024)
481200.00	3636600.00	2.28641c	(95052024)	481300.00	3636600.00	1.75344c	(95052024)
481400.00	3636600.00	1.31946c	(95052024)	481500.00	3636600.00	1.04040c	(95022524)
481600.00	3636600.00	0.93151c	(95081824)	481700.00	3636600.00	0.84501c	(95081824)
478900.00	3636700.00	1.03106c	(95112824)	479000.00	3636700.00	1.12162c	(95112824)
479100.00	3636700.00	1.21360c	(95012224)	479200.00	3636700.00	1.44665c	(95122524)
479300.00	3636700.00	1.92903c	(95122724)	479400.00	3636700.00	2.61140c	(95122524)
479500.00	3636700.00	3.51872c	(95122524)	479600.00	3636700.00	4.52995c	(95122524)
481000.00	3636700.00	3.55883c	(95052024)	481100.00	3636700.00	2.63114c	(95052024)
481200.00	3636700.00	1.85465c	(95052024)	481300.00	3636700.00	1.38519c	(95022524)
481400.00	3636700.00	1.19687c	(95081824)	481500.00	3636700.00	1.04910c	(95081824)
481600.00	3636700.00	0.91641c	(95081824)	481700.00	3636700.00	0.83918c	(95031924)
478900.00	3636800.00	1.14339c	(95112324)	479000.00	3636800.00	1.25401c	(95112324)
479100.00	3636800.00	1.38369c	(95112324)	479200.00	3636800.00	1.53945c	(95112324)
479300.00	3636800.00	1.73258c	(95112324)	479400.00	3636800.00	2.04351c	(95012224)
479500.00	3636800.00	2.68165c	(95122524)	479600.00	3636800.00	3.94431c	(95122524)
481000.00	3636800.00	2.91521c	(95052024)	481100.00	3636800.00	1.96737c	(95022524)
481200.00	3636800.00	1.60884c	(95081824)	481300.00	3636800.00	1.33761c	(95081824)
481400.00	3636800.00	1.20125c	(95031924)	481500.00	3636800.00	1.08017c	(95031924)
481600.00	3636800.00	0.97100c	(95031924)	481700.00	3636800.00	0.87404c	(95031924)
478900.00	3636900.00	1.55354c	(95112324)	479000.00	3636900.00	1.68965c	(95112324)
479100.00	3636900.00	1.84677c	(95112324)	479200.00	3636900.00	2.03128c	(95112324)
479300.00	3636900.00	2.25050c	(95112324)	479400.00	3636900.00	2.51630c	(95112324)
479500.00	3636900.00	2.84750c	(95112324)	479600.00	3636900.00	3.40603c	(95012924)
481000.00	3636900.00	2.55585c	(95112024)	481100.00	3636900.00	1.93810c	(95031924)
481200.00	3636900.00	1.63952c	(95101824)	481300.00	3636900.00	1.40816c	(95101824)
481400.00	3636900.00	1.23609c	(95020524)	481500.00	3636900.00	1.14442c	(95020524)
481600.00	3636900.00	1.06433c	(95020524)	481700.00	3636900.00	0.99344c	(95020524)
478900.00	3637000.00	1.81417c	(95112324)	479000.00	3637000.00	1.95850c	(95112324)

479100.00	3637000.00	2.12462c (95112324)	479200.00	3637000.00	2.31846c (95112324)
479300.00	3637000.00	2.55166c (95112324)	479400.00	3637000.00	2.83743c (95112324)
479500.00	3637000.00	3.28414c (95112924)	479600.00	3637000.00	4.19929c (95010624)
481000.00	3637000.00	2.72430c (95040824)	481100.00	3637000.00	2.14805c (95040824)
481200.00	3637000.00	1.74162c (95040824)	481300.00	3637000.00	1.58812c (95020524)

CONC URBAN ELEV DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
481400.00	3637000.00	1.48759c	(95020524)	481500.00	3637000.00	1.39445c	(95020524)
481600.00	3637000.00	1.30807c	(95020524)	481700.00	3637000.00	1.22788c	(95020524)
478900.00	3637100.00	1.72059c	(95112324)	479000.00	3637100.00	1.82472c	(95112324)
479100.00	3637100.00	1.94097c	(95112324)	479200.00	3637100.00	2.15070c	(95010624)
479300.00	3637100.00	2.59865c	(95010624)	479400.00	3637100.00	3.14014c	(95010624)
479500.00	3637100.00	3.79810c	(95010624)	479600.00	3637100.00	4.62789c	(95010624)
481000.00	3637100.00	2.93781c	(95052324)	481100.00	3637100.00	2.15721c	(95052324)
481200.00	3637100.00	1.86318c	(95020524)	481300.00	3637100.00	1.74545c	(95020524)
481400.00	3637100.00	1.64915c	(95020524)	481500.00	3637100.00	1.56238c	(95020524)
481600.00	3637100.00	1.48168c	(95020524)	481700.00	3637100.00	1.40529c	(95020524)
478900.00	3637200.00	1.61366c	(95010624)	479000.00	3637200.00	1.89205c	(95010624)
479100.00	3637200.00	2.20130c	(95010624)	479200.00	3637200.00	2.53969c	(95010624)
479300.00	3637200.00	2.90031c	(95010624)	479400.00	3637200.00	3.27289c	(95010624)
479500.00	3637200.00	3.64394c	(95010624)	479600.00	3637200.00	4.02775c	(95010624)
481000.00	3637200.00	3.09922c	(95052324)	481100.00	3637200.00	2.33589c	(95052324)
481200.00	3637200.00	1.81238c	(95052324)	481300.00	3637200.00	1.53104c	(95020524)
481400.00	3637200.00	1.51277c	(95020524)	481500.00	3637200.00	1.48412c	(95020524)
481600.00	3637200.00	1.44817c	(95020524)	481700.00	3637200.00	1.40757c	(95020524)
478900.00	3637300.00	1.91177c	(95010624)	479000.00	3637300.00	2.13739c	(95010624)
479100.00	3637300.00	2.35722c	(95010624)	479200.00	3637300.00	2.55909c	(95010624)
479300.00	3637300.00	2.73869c	(95010624)	479400.00	3637300.00	2.91080c	(95010624)
479500.00	3637300.00	3.13278c	(95010624)	479600.00	3637300.00	3.49603c	(95010624)
481000.00	3637300.00	3.11171c	(95052324)	481100.00	3637300.00	2.40473c	(95052324)
481200.00	3637300.00	1.88620c	(95052324)	481300.00	3637300.00	1.50751c	(95052324)
481400.00	3637300.00	1.22553c	(95052324)	481500.00	3637300.00	1.09864c	(95020524)
481600.00	3637300.00	1.14430c	(95020524)	481700.00	3637300.00	1.17146c	(95020524)
478900.00	3637400.00	1.98820c	(95010624)	479000.00	3637400.00	2.10894c	(95010624)
479100.00	3637400.00	2.20558c	(95010624)	479200.00	3637400.00	2.28387c	(95010624)
479300.00	3637400.00	2.36361c	(95010624)	479400.00	3637400.00	2.46716c	(95010624)
479500.00	3637400.00	2.59138c	(95010624)	479600.00	3637400.00	2.66732c	(95010624)
481000.00	3637400.00	2.74601c	(95052324)	481100.00	3637400.00	2.34129c	(95052324)
481200.00	3637400.00	1.93295c	(95052324)	481300.00	3637400.00	1.57854c	(95052324)
481400.00	3637400.00	1.29239c	(95052324)	481500.00	3637400.00	1.06711c	(95052324)
481600.00	3637400.00	0.89138c	(95052324)	481700.00	3637400.00	0.78540c	(95020524)
478900.00	3637500.00	1.83679c	(95010624)	479000.00	3637500.00	1.86185c	(95010624)
479100.00	3637500.00	1.86745c	(95010624)	479200.00	3637500.00	1.85865c	(95010624)
479300.00	3637500.00	1.83076c	(95010624)	479400.00	3637500.00	1.76595c	(95010624)

479500.00	3637500.00	1.64477c (95010624)	479600.00	3637500.00	1.51303c (95031924)
479700.00	3637500.00	2.11988c (95021624)	479800.00	3637500.00	3.50176c (95021624)
479900.00	3637500.00	4.18426c (95110824)	480000.00	3637500.00	3.40085c (95030424)

CONC URBAN ELEV DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
480100.00	3637500.00	4.09294c	(95030424)	480200.00	3637500.00	4.09894c	(95110524)
480300.00	3637500.00	4.08472c	(95030424)	480400.00	3637500.00	4.02694c	(95030424)
480500.00	3637500.00	3.53830c	(95030424)	480600.00	3637500.00	2.77738c	(95052424)
480700.00	3637500.00	2.44081c	(95052424)	480800.00	3637500.00	2.40609c	(95052424)
480900.00	3637500.00	2.41143c	(95052424)	481000.00	3637500.00	2.20890c	(95052424)
481100.00	3637500.00	2.01160c	(95052324)	481200.00	3637500.00	1.81442c	(95052324)
481300.00	3637500.00	1.58043c	(95052324)	481400.00	3637500.00	1.34514c	(95052324)
481500.00	3637500.00	1.13216c	(95052324)	481600.00	3637500.00	0.95117c	(95052324)
481700.00	3637500.00	0.80238c	(95052324)	478900.00	3637600.00	1.52054c	(95010624)
479000.00	3637600.00	1.46427c	(95010624)	479100.00	3637600.00	1.38231c	(95010624)
479200.00	3637600.00	1.27287c	(95010624)	479300.00	3637600.00	1.13867c	(95010624)
479400.00	3637600.00	1.22911c	(95031924)	479500.00	3637600.00	1.29843c	(95031924)
479600.00	3637600.00	1.28003c	(95031924)	479700.00	3637600.00	2.29159c	(95021624)
479800.00	3637600.00	3.17530c	(95021624)	479900.00	3637600.00	3.42670c	(95110824)
480000.00	3637600.00	2.63354c	(95030424)	480100.00	3637600.00	3.13409c	(95110524)
480200.00	3637600.00	3.35877c	(95110524)	480300.00	3637600.00	3.23735c	(95030424)
480400.00	3637600.00	3.22443c	(95030424)	480500.00	3637600.00	2.87777c	(95030424)
480600.00	3637600.00	2.07359c	(95101024)	480700.00	3637600.00	2.00003c	(95011124)
480800.00	3637600.00	1.84004c	(95011124)	480900.00	3637600.00	1.83440c	(95052424)
481000.00	3637600.00	1.84147c	(95052424)	481100.00	3637600.00	1.70254c	(95052424)
481200.00	3637600.00	1.52902c	(95052324)	481300.00	3637600.00	1.43648c	(95052324)
481400.00	3637600.00	1.30572c	(95052324)	481500.00	3637600.00	1.15463c	(95052324)
481600.00	3637600.00	1.00122c	(95052324)	481700.00	3637600.00	0.85921c	(95052324)
478900.00	3637700.00	1.09404c	(95010624)	479000.00	3637700.00	0.99142c	(95102424)
479100.00	3637700.00	0.99589c	(95102424)	479200.00	3637700.00	0.99262c	(95102424)
479300.00	3637700.00	1.05793c	(95031924)	479400.00	3637700.00	1.13226c	(95031924)
479500.00	3637700.00	1.13765c	(95031924)	479600.00	3637700.00	1.42800c	(95021624)
479700.00	3637700.00	2.35840c	(95021624)	479800.00	3637700.00	2.84698c	(95110824)
479900.00	3637700.00	2.75227c	(95110824)	480000.00	3637700.00	2.13611c	(95030424)
480100.00	3637700.00	2.80902c	(95110524)	480200.00	3637700.00	2.71108c	(95110524)
480300.00	3637700.00	2.64194c	(95030424)	480400.00	3637700.00	2.64956c	(95030424)
480500.00	3637700.00	2.40345c	(95030424)	480600.00	3637700.00	1.82406c	(95101024)
480700.00	3637700.00	1.71065c	(95011124)	480800.00	3637700.00	1.66405c	(95011124)
480900.00	3637700.00	1.42414c	(95011124)	481000.00	3637700.00	1.46154c	(95052424)
481100.00	3637700.00	1.46223c	(95052424)	481200.00	3637700.00	1.36322c	(95052424)
481300.00	3637700.00	1.21058c	(95052424)	481400.00	3637700.00	1.15648c	(95052324)
481500.00	3637700.00	1.08755c	(95052324)	481600.00	3637700.00	0.99436c	(95052324)

481700.00	3637700.00	0.88788c (95052324)	478900.00	3637800.00	0.90829c (95102424)
479000.00	3637800.00	0.90012c (95102424)	479100.00	3637800.00	0.87445c (95102424)
479200.00	3637800.00	0.92636c (95031924)	479300.00	3637800.00	0.99934c (95031924)

CONC URBAN ELEV DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479400.00	3637800.00	1.01620c	(95031924)	479500.00	3637800.00	1.00037c	(95031924)
479600.00	3637800.00	1.60197c	(95110524)	479700.00	3637800.00	2.26892c	(95021624)
479800.00	3637800.00	2.60034c	(95110824)	479900.00	3637800.00	2.23831c	(95110824)
480000.00	3637800.00	1.92232c	(95110524)	480100.00	3637800.00	2.43732c	(95110524)
480200.00	3637800.00	2.35613c	(95110824)	480300.00	3637800.00	2.20914c	(95030424)
480400.00	3637800.00	2.22006c	(95030424)	480500.00	3637800.00	2.03878c	(95030424)
480600.00	3637800.00	1.61445c	(95030424)	480700.00	3637800.00	1.42320c	(95011124)
480800.00	3637800.00	1.48070c	(95011124)	480900.00	3637800.00	1.36737c	(95011124)
481000.00	3637800.00	1.11674c	(95052424)	481100.00	3637800.00	1.19772c	(95052424)
481200.00	3637800.00	1.19561c	(95052424)	481300.00	3637800.00	1.12272c	(95052424)
481400.00	3637800.00	1.01028c	(95052424)	481500.00	3637800.00	0.94456c	(95052324)
481600.00	3637800.00	0.91255c	(95052324)	481700.00	3637800.00	0.85821c	(95052324)
478900.00	3637900.00	0.80501c	(95102424)	479000.00	3637900.00	0.75761c	(95102424)
479100.00	3637900.00	0.82187c	(95031924)	479200.00	3637900.00	0.89049c	(95031924)
479300.00	3637900.00	0.91274c	(95031924)	479400.00	3637900.00	0.89878c	(95031924)
479500.00	3637900.00	1.11571c	(95110524)	479600.00	3637900.00	1.67882c	(95021624)
479700.00	3637900.00	2.05447c	(95021624)	479800.00	3637900.00	2.30079c	(95110824)
479900.00	3637900.00	1.89570c	(95110824)	480000.00	3637900.00	1.86278c	(95110524)
480100.00	3637900.00	2.05572c	(95110524)	480200.00	3637900.00	2.02399c	(95110824)
480300.00	3637900.00	1.88351c	(95030424)	480400.00	3637900.00	1.89122c	(95030424)
480500.00	3637900.00	1.74999c	(95030424)	480600.00	3637900.00	1.43680c	(95030424)
480700.00	3637900.00	1.28152c	(95101024)	480800.00	3637900.00	1.28322c	(95011124)
480900.00	3637900.00	1.27128c	(95011124)	481000.00	3637900.00	1.11099c	(95011124)
481100.00	3637900.00	0.94281c	(95052424)	481200.00	3637900.00	1.00254c	(95052424)
481300.00	3637900.00	1.00019c	(95052424)	481400.00	3637900.00	0.94568c	(95052424)
481500.00	3637900.00	0.85987c	(95052424)	481600.00	3637900.00	0.78123c	(95052324)
481700.00	3637900.00	0.77106c	(95052324)	478900.00	3638000.00	0.64718c	(95102424)
479000.00	3638000.00	0.73686c	(95031924)	479100.00	3638000.00	0.80011c	(95031924)
479200.00	3638000.00	0.82450c	(95031924)	479300.00	3638000.00	0.81303c	(95031924)
479400.00	3638000.00	0.77318c	(95031924)	479500.00	3638000.00	1.25902c	(95110524)
479600.00	3638000.00	1.67860c	(95021624)	479700.00	3638000.00	1.93383c	(95110824)
479800.00	3638000.00	2.01502c	(95110824)	479900.00	3638000.00	1.68855c	(95110824)
480000.00	3638000.00	1.71568c	(95110524)	480100.00	3638000.00	1.88542c	(95110824)
480200.00	3638000.00	1.70461c	(95110824)	480300.00	3638000.00	1.63113c	(95030424)
480400.00	3638000.00	1.63392c	(95030424)	480500.00	3638000.00	1.51802c	(95030424)
480600.00	3638000.00	1.28152c	(95030424)	480700.00	3638000.00	1.17422c	(95101024)
480800.00	3638000.00	1.07826c	(95011124)	480900.00	3638000.00	1.14533c	(95011124)

481000.00	3638000.00	1.07877c (95011124)	481100.00	3638000.00	0.89949c (95011124)
481200.00	3638000.00	0.80901c (95052424)	481300.00	3638000.00	0.85380c (95052424)
481400.00	3638000.00	0.85209c (95052424)	481500.00	3638000.00	0.81080c (95052424)

CONC URBAN ELEV DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
481600.00	3638000.00	0.74390c	(95052424)	481700.00	3638000.00	0.66678c	(95052424)
478900.00	3638100.00	0.66621c	(95031924)	479000.00	3638100.00	0.72387c	(95031924)
479100.00	3638100.00	0.74863c	(95031924)	479200.00	3638100.00	0.74005c	(95031924)
479300.00	3638100.00	0.70225c	(95031924)	479400.00	3638100.00	0.90505c	(95110524)
479500.00	3638100.00	1.30993c	(95110524)	479600.00	3638100.00	1.59895c	(95021624)
479700.00	3638100.00	1.83895c	(95110824)	479800.00	3638100.00	1.77961c	(95110824)
479900.00	3638100.00	1.56853c	(95110824)	480000.00	3638100.00	1.64340c	(95110824)
480100.00	3638100.00	1.71660c	(95110824)	480200.00	3638100.00	1.41245c	(95110824)
480300.00	3638100.00	1.42996c	(95030424)	480400.00	3638100.00	1.42869c	(95030424)
480500.00	3638100.00	1.33065c	(95030424)	480600.00	3638100.00	1.14609c	(95030424)
480700.00	3638100.00	1.06692c	(95101024)	480800.00	3638100.00	0.94669c	(95101024)
480900.00	3638100.00	1.00041c	(95011124)	481000.00	3638100.00	1.00940c	(95011124)
481100.00	3638100.00	0.90783c	(95011124)	481200.00	3638100.00	0.73000c	(95011124)
481300.00	3638100.00	0.73375c	(95102824)	481400.00	3638100.00	0.75481c	(95102824)
481500.00	3638100.00	0.73696c	(95052424)	481600.00	3638100.00	0.70538c	(95052424)
481700.00	3638100.00	0.65220c	(95052424)	478900.00	3638200.00	0.65916c	(95031924)
479000.00	3638200.00	0.68312c	(95031924)	479100.00	3638200.00	0.67704c	(95031924)
479200.00	3638200.00	0.64276c	(95031924)	479300.00	3638200.00	0.61978c	(95110524)
479400.00	3638200.00	1.02464c	(95110524)	479500.00	3638200.00	1.28185c	(95110524)
479600.00	3638200.00	1.47124c	(95021624)	479700.00	3638200.00	1.71237c	(95110824)
479800.00	3638200.00	1.60223c	(95110824)	479900.00	3638200.00	1.49431c	(95110824)
480000.00	3638200.00	1.57509c	(95110824)	480100.00	3638200.00	1.53026c	(95110824)
480200.00	3638200.00	1.21567c	(95030424)	480300.00	3638200.00	1.26624c	(95030424)
480400.00	3638200.00	1.26212c	(95030424)	480500.00	3638200.00	1.17709c	(95030424)
480600.00	3638200.00	1.02873c	(95030424)	480700.00	3638200.00	0.96171c	(95101024)
480800.00	3638200.00	0.88871c	(95101024)	480900.00	3638200.00	0.84901c	(95011124)
481000.00	3638200.00	0.91371c	(95011124)	481100.00	3638200.00	0.87986c	(95011124)
481200.00	3638200.00	0.76122c	(95011124)	481300.00	3638200.00	0.63102c	(95102824)
481400.00	3638200.00	0.69876c	(95102824)	481500.00	3638200.00	0.71281c	(95102824)
481600.00	3638200.00	0.67858c	(95102824)	481700.00	3638200.00	0.63137c	(95012524)

CONC URBAN ELEV DFAULT

*** THE 2ND HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479700.00	3636250.00	2.26839c	(95030824)	479750.00	3636250.00	2.28628c	(95030824)
479800.00	3636250.00	1.97599c	(95070524)	479850.00	3636250.00	1.74670c	(95111824)
479900.00	3636250.00	1.36146c	(95031424)	479950.00	3636250.00	2.10971c	(95070524)
480000.00	3636250.00	3.51800c	(95102124)	480050.00	3636250.00	4.28988c	(95102124)
480100.00	3636250.00	3.56690c	(95102124)	480150.00	3636250.00	2.84291c	(95120924)
480200.00	3636250.00	2.84836c	(95022424)	480250.00	3636250.00	2.77447c	(95022424)
480300.00	3636250.00	2.90322c	(95052624)	480350.00	3636250.00	2.84952c	(95052624)
480400.00	3636250.00	2.81651c	(95022324)	480450.00	3636250.00	2.84803c	(95022324)
480500.00	3636250.00	2.84716c	(95022324)	480550.00	3636250.00	2.88791c	(95022324)
480600.00	3636250.00	2.42689c	(95022424)	480650.00	3636250.00	2.04296c	(95031824)
480700.00	3636250.00	2.10402c	(95031824)	480750.00	3636250.00	2.12255c	(95031824)
480800.00	3636250.00	2.06529c	(95031824)	480850.00	3636250.00	1.93766c	(95031824)
480900.00	3636250.00	1.79848c	(95052024)	479700.00	3636300.00	2.44222c	(95030824)
479750.00	3636300.00	2.65581c	(95030824)	479800.00	3636300.00	2.66153c	(95030824)
479850.00	3636300.00	2.32679c	(95030824)	479900.00	3636300.00	1.87042c	(95031424)
479950.00	3636300.00	2.28207c	(95103124)	480000.00	3636300.00	4.08828c	(95102124)
480050.00	3636300.00	5.19797c	(95102124)	480100.00	3636300.00	4.13705c	(95102124)
480150.00	3636300.00	3.43577c	(95052624)	480200.00	3636300.00	3.46433c	(95022424)
480250.00	3636300.00	3.34767c	(95052624)	480300.00	3636300.00	3.24567c	(95022324)
480350.00	3636300.00	3.48077c	(95022324)	480400.00	3636300.00	3.42677c	(95022324)
480450.00	3636300.00	3.29961c	(95022324)	480500.00	3636300.00	3.23289c	(95022324)
480550.00	3636300.00	3.18852c	(95022424)	480600.00	3636300.00	2.52339c	(95022424)
480650.00	3636300.00	2.32196c	(95031824)	480700.00	3636300.00	2.39452c	(95031824)
480750.00	3636300.00	2.37733c	(95031824)	480800.00	3636300.00	2.25603c	(95031824)
480850.00	3636300.00	2.06308c	(95031824)	480900.00	3636300.00	2.00460c	(95052024)
479700.00	3636350.00	2.71457c	(95020224)	479750.00	3636350.00	2.89129c	(95030824)
479800.00	3636350.00	3.17803c	(95030824)	479850.00	3636350.00	3.06377c	(95102824)
479900.00	3636350.00	2.61485c	(95030824)	479950.00	3636350.00	2.44506c	(95101924)
480000.00	3636350.00	4.86490c	(95103124)	480050.00	3636350.00	6.50435c	(95102124)
480100.00	3636350.00	4.90527c	(95102124)	480150.00	3636350.00	4.54008c	(95052624)
480200.00	3636350.00	4.17973c	(95052624)	480250.00	3636350.00	4.07347c	(95022424)
480300.00	3636350.00	3.95448c	(95022424)	480350.00	3636350.00	4.09307c	(95022424)
480400.00	3636350.00	3.90927c	(95022324)	480450.00	3636350.00	3.69932c	(95022324)
480500.00	3636350.00	3.61963c	(95022324)	480550.00	3636350.00	3.38332c	(95022424)
480600.00	3636350.00	2.60596c	(95022424)	480650.00	3636350.00	2.67456c	(95031824)
480700.00	3636350.00	2.73201c	(95031824)	480750.00	3636350.00	2.63934c	(95031824)

480800.00	3636350.00	2.42730c (95031824)	480850.00	3636350.00	2.22715c (95052024)
480900.00	3636350.00	2.23504c (95052024)	479700.00	3636400.00	3.42084c (95020224)
479750.00	3636400.00	3.29376c (95020224)	479800.00	3636400.00	3.49588c (95030824)
479850.00	3636400.00	3.93203c (95030824)	479900.00	3636400.00	3.75631c (95070524)

CONC URBAN ELEV DFAULT

*** THE 2ND HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479950.00	3636400.00	2.99157c	(95111824)	480000.00	3636400.00	5.96061c	(95103124)
480050.00	3636400.00	8.52738c	(95102124)	480100.00	3636400.00	6.59162c	(95011424)
480150.00	3636400.00	5.97536c	(95052624)	480200.00	3636400.00	5.59132c	(95022324)
480250.00	3636400.00	4.68813c	(95022424)	480300.00	3636400.00	4.36981c	(95022424)
480350.00	3636400.00	4.47018c	(95022424)	480400.00	3636400.00	4.33689c	(95022324)
480450.00	3636400.00	4.14825c	(95022324)	480500.00	3636400.00	4.04977c	(95022324)
480550.00	3636400.00	3.57319c	(95022424)	480600.00	3636400.00	2.93818c	(95031824)
480650.00	3636400.00	3.11629c	(95031824)	480700.00	3636400.00	3.10134c	(95031824)
480750.00	3636400.00	2.88162c	(95031824)	480800.00	3636400.00	2.56201c	(95031824)
480850.00	3636400.00	2.49152c	(95052024)	480900.00	3636400.00	2.51742c	(95052024)
479700.00	3636450.00	3.92404c	(95102824)	479750.00	3636450.00	4.00507c	(95020224)
479800.00	3636450.00	3.95511c	(95020224)	479850.00	3636450.00	4.36597c	(95030824)
479900.00	3636450.00	5.15265c	(95030824)	479950.00	3636450.00	5.47564c	(95030824)
480000.00	3636450.00	7.65737c	(95103124)	480050.00	3636450.00	12.12011c	(95102124)
480100.00	3636450.00	9.92343c	(95052624)	480150.00	3636450.00	8.80324c	(95022324)
480200.00	3636450.00	6.50778c	(95022424)	480250.00	3636450.00	5.84050c	(95031824)
480300.00	3636450.00	5.13385c	(95031824)	480350.00	3636450.00	4.86850c	(95022424)
480400.00	3636450.00	4.95923c	(95022324)	480450.00	3636450.00	4.72538c	(95022324)
480500.00	3636450.00	4.50388c	(95022324)	480550.00	3636450.00	3.77214c	(95022424)
480600.00	3636450.00	3.48981c	(95031824)	480650.00	3636450.00	3.64523c	(95031824)
480700.00	3636450.00	3.46184c	(95031824)	480750.00	3636450.00	3.07366c	(95031824)
480800.00	3636450.00	2.79609c	(95052024)	480850.00	3636450.00	2.84312c	(95052024)
480900.00	3636450.00	2.87474c	(95052024)	479700.00	3636500.00	4.49505c	(95112024)
479750.00	3636500.00	4.54085c	(95112024)	479800.00	3636500.00	4.80475c	(95020224)
479850.00	3636500.00	4.84714c	(95020224)	479900.00	3636500.00	5.88380c	(95030824)
479950.00	3636500.00	7.67888c	(95102824)	480250.00	3636500.00	6.97755c	(95031824)
480300.00	3636500.00	5.68353c	(95031824)	480350.00	3636500.00	5.28714c	(95022424)
480400.00	3636500.00	5.57130c	(95022424)	480450.00	3636500.00	5.32041c	(95022324)
480500.00	3636500.00	4.89029c	(95022324)	480550.00	3636500.00	4.02316c	(95022424)
480600.00	3636500.00	4.23373c	(95031824)	480650.00	3636500.00	4.21693c	(95031824)
480700.00	3636500.00	3.75657c	(95031824)	480750.00	3636500.00	3.21400c	(95031824)
480800.00	3636500.00	3.26155c	(95052024)	480850.00	3636500.00	3.31512c	(95052024)
480900.00	3636500.00	3.29343c	(95052024)	479700.00	3636550.00	4.93686c	(95020224)
479750.00	3636550.00	5.22530c	(95112024)	479800.00	3636550.00	5.48775c	(95112024)
479850.00	3636550.00	5.98705c	(95020224)	479900.00	3636550.00	6.98980c	(95030824)
479950.00	3636550.00	10.45130c	(95030824)	480450.00	3636550.00	5.65493c	(95022324)
480500.00	3636550.00	5.14572c	(95022324)	480550.00	3636550.00	4.72760c	(95031824)

480600.00	3636550.00	5.13868c (95022324)	480650.00	3636550.00	4.73343c (95031824)
480700.00	3636550.00	3.97304c (95031824)	480750.00	3636550.00	3.84209c (95052024)
480800.00	3636550.00	3.92589c (95052024)	480850.00	3636550.00	3.85551c (95052024)

CONC URBAN ELEV DFAULT

*** THE 2ND HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
480900.00	3636550.00	3.67971c	(95022324)	479700.00	3636600.00	4.99716c	(95020224)
479750.00	3636600.00	5.55427c	(95020224)	479800.00	3636600.00	6.11524c	(95020224)
479850.00	3636600.00	6.73587c	(95112024)	479900.00	3636600.00	7.82137c	(95020224)
479950.00	3636600.00	11.77637c	(95120724)	480700.00	3636600.00	4.75359c	(95052024)
480750.00	3636600.00	4.84185c	(95052024)	480800.00	3636600.00	4.62222c	(95052024)
480850.00	3636600.00	4.24166c	(95022324)	480900.00	3636600.00	3.72727c	(95022324)
479700.00	3636650.00	4.87827c	(95122524)	479750.00	3636650.00	5.55096c	(95020224)
479800.00	3636650.00	6.34198c	(95020224)	479850.00	3636650.00	7.29718c	(95112024)
479900.00	3636650.00	8.51038c	(95112024)	479950.00	3636650.00	13.33172c	(95120724)
480700.00	3636650.00	6.32800c	(95052024)	480750.00	3636650.00	5.68000c	(95052024)
480800.00	3636650.00	4.94667c	(95022324)	480850.00	3636650.00	4.33006c	(95022324)
480900.00	3636650.00	3.83251c	(95022324)	479700.00	3636700.00	4.51371c	(95112024)
479750.00	3636700.00	5.65148c	(95112024)	479800.00	3636700.00	6.65700c	(95112024)
479850.00	3636700.00	7.68893c	(95112024)	479900.00	3636700.00	9.08920c	(95112024)
479950.00	3636700.00	14.79366c	(95120724)	480700.00	3636700.00	7.12819c	(95052024)
480750.00	3636700.00	5.90812c	(95052024)	480800.00	3636700.00	5.18242c	(95052024)
480850.00	3636700.00	4.64302c	(95022324)	480900.00	3636700.00	3.95911c	(95022324)
479700.00	3636750.00	4.44718c	(95122724)	479750.00	3636750.00	4.88134c	(95122724)
479800.00	3636750.00	6.24549c	(95112024)	479850.00	3636750.00	7.74741c	(95112024)
479900.00	3636750.00	10.38711c	(95120724)	479950.00	3636750.00	17.54331c	(95120724)
480700.00	3636750.00	6.96038c	(95052024)	480750.00	3636750.00	5.99196c	(95052024)
480800.00	3636750.00	5.54065c	(95052024)	480850.00	3636750.00	4.94594c	(95022324)
480900.00	3636750.00	3.83958c	(95022324)	479700.00	3636800.00	4.87034c	(95122724)
479750.00	3636800.00	5.60165c	(95122724)	479800.00	3636800.00	6.36448c	(95120724)
479850.00	3636800.00	8.47083c	(95120724)	479900.00	3636800.00	12.16630c	(95120724)
479950.00	3636800.00	19.71574c	(95120724)	480700.00	3636800.00	7.00680c	(95052024)
480750.00	3636800.00	6.66637c	(95052024)	480800.00	3636800.00	6.24501c	(95022324)
480850.00	3636800.00	4.58256c	(95022324)	480900.00	3636800.00	3.91314c	(95022524)
479700.00	3636850.00	4.29581c	(95120724)	479750.00	3636850.00	5.36217c	(95122724)
479800.00	3636850.00	6.75219c	(95120724)	479850.00	3636850.00	9.11671c	(95120724)
479900.00	3636850.00	13.09894c	(95120724)	479950.00	3636850.00	20.67733c	(95120724)
480700.00	3636850.00	8.93791c	(95052024)	480750.00	3636850.00	7.72255c	(95022324)
480800.00	3636850.00	5.43405c	(95022524)	480850.00	3636850.00	4.60973c	(95022524)
480900.00	3636850.00	3.75358c	(95022524)	479700.00	3636900.00	4.58786c	(95010624)
479750.00	3636900.00	5.47271c	(95012924)	479800.00	3636900.00	6.79531c	(95120724)
479850.00	3636900.00	9.09053c	(95010624)	479900.00	3636900.00	13.03043c	(95120724)
479950.00	3636900.00	20.88984c	(95120724)	480650.00	3636900.00	13.56468c	(95052024)

480700.00	3636900.00	9.96669c (95022324)	480750.00	3636900.00	7.07345c (95022524)
480800.00	3636900.00	5.46748c (95022524)	480850.00	3636900.00	4.40337c (95112024)
480900.00	3636900.00	3.29311c (95081824)	479700.00	3636950.00	5.12103c (95012924)

CONC URBAN ELEV DFAULT

*** THE 2ND HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479750.00	3636950.00	5.96174c	(95012924)	479800.00	3636950.00	7.02139c	(95012924)
479850.00	3636950.00	8.86166c	(95120724)	479900.00	3636950.00	12.22863c	(95120724)
479950.00	3636950.00	19.41943c	(95120724)	480650.00	3636950.00	16.49181c	(95022324)
480700.00	3636950.00	10.12002c	(95022524)	480750.00	3636950.00	6.58292c	(95022524)
480800.00	3636950.00	5.04766c	(95052024)	480850.00	3636950.00	4.00353c	(95101824)
480900.00	3636950.00	3.38715c	(95031924)	479700.00	3637000.00	5.21724c	(95012924)
479750.00	3637000.00	5.97334c	(95012924)	479800.00	3637000.00	6.96461c	(95012924)
479850.00	3637000.00	8.68588c	(95120724)	479900.00	3637000.00	11.39782c	(95120724)
479950.00	3637000.00	15.71115c	(95120724)	480650.00	3637000.00	17.28977c	(95112024)
480700.00	3637000.00	10.11551c	(95051124)	480750.00	3637000.00	6.96648c	(95051124)
480800.00	3637000.00	5.34399c	(95031924)	480850.00	3637000.00	4.23721c	(95040824)
480900.00	3637000.00	3.59994c	(95040824)	479700.00	3637050.00	4.99430c	(95012924)
479750.00	3637050.00	5.61140c	(95012924)	479800.00	3637050.00	6.32375c	(95012924)
479850.00	3637050.00	7.47266c	(95120724)	479900.00	3637050.00	9.05848c	(95120724)
479950.00	3637050.00	12.70932c	(95021624)	480000.00	3637050.00	17.10215c	(95030424)
480050.00	3637050.00	20.92335c	(95021624)	480650.00	3637050.00	17.18414c	(95040824)
480700.00	3637050.00	10.88019c	(95040824)	480750.00	3637050.00	7.60893c	(95052324)
480800.00	3637050.00	5.81227c	(95052324)	480850.00	3637050.00	4.63626c	(95052324)
480900.00	3637050.00	3.78040c	(95052324)	479700.00	3637100.00	4.48639c	(95012924)
479750.00	3637100.00	4.75559c	(95012924)	479800.00	3637100.00	5.35346c	(95120724)
479850.00	3637100.00	6.20749c	(95120724)	479900.00	3637100.00	7.69014c	(95021624)
479950.00	3637100.00	9.50692c	(95010624)	480000.00	3637100.00	12.41451c	(95110824)
480050.00	3637100.00	13.24274c	(95021624)	480100.00	3637100.00	13.30515c	(95010624)
480150.00	3637100.00	16.73006c	(95010624)	480200.00	3637100.00	18.60145c	(95030424)
480650.00	3637100.00	13.78062c	(95052424)	480700.00	3637100.00	7.95315c	(95050724)
480750.00	3637100.00	6.32290c	(95040824)	480800.00	3637100.00	5.15695c	(95040824)
480850.00	3637100.00	4.27903c	(95040824)	480900.00	3637100.00	3.61216c	(95040824)
479700.00	3637150.00	3.67433c	(95012924)	479750.00	3637150.00	4.00825c	(95120724)
479800.00	3637150.00	4.54367c	(95120724)	479850.00	3637150.00	5.28847c	(95120724)
479900.00	3637150.00	7.21774c	(95010624)	479950.00	3637150.00	8.75573c	(95110824)
480000.00	3637150.00	9.87283c	(95021624)	480050.00	3637150.00	10.66674c	(95010624)
480100.00	3637150.00	11.69312c	(95010624)	480150.00	3637150.00	12.04532c	(95010624)
480200.00	3637150.00	12.70357c	(95010624)	480250.00	3637150.00	13.56207c	(95021624)
480300.00	3637150.00	14.95954c	(95021624)	480350.00	3637150.00	15.81295c	(95021624)
480400.00	3637150.00	16.45808c	(95052424)	480450.00	3637150.00	18.12218c	(95052424)
480500.00	3637150.00	17.33363c	(95030424)	480550.00	3637150.00	14.23395c	(95030424)
480600.00	3637150.00	14.25654c	(95052324)	480650.00	3637150.00	11.65427c	(95052424)

480700.00	3637150.00	8.74916c (95052424)	480750.00	3637150.00	6.08420c (95052424)
480800.00	3637150.00	4.37945c (95050724)	480850.00	3637150.00	3.48021c (95050724)
480900.00	3637150.00	2.93030c (95040824)	479700.00	3637200.00	3.04341c (95120724)

CONC URBAN ELEV DFAULT

*** THE 2ND HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479750.00	3637200.00	3.38379c	(95120724)	479800.00	3637200.00	3.85173c	(95120724)
479850.00	3637200.00	5.01451c	(95021624)	479900.00	3637200.00	6.87593c	(95021624)
479950.00	3637200.00	7.97769c	(95110824)	480000.00	3637200.00	7.91379c	(95021624)
480050.00	3637200.00	7.87029c	(95110824)	480100.00	3637200.00	7.25652c	(95010624)
480150.00	3637200.00	8.75842c	(95031924)	480200.00	3637200.00	8.99318c	(95031924)
480250.00	3637200.00	9.46190c	(95021624)	480300.00	3637200.00	10.39188c	(95021624)
480350.00	3637200.00	11.29732c	(95110824)	480400.00	3637200.00	11.26092c	(95110824)
480450.00	3637200.00	11.69296c	(95052424)	480500.00	3637200.00	11.07476c	(95030424)
480550.00	3637200.00	9.24963c	(95030424)	480600.00	3637200.00	9.15039c	(95052324)
480650.00	3637200.00	8.78605c	(95052424)	480700.00	3637200.00	7.73314c	(95052424)
480750.00	3637200.00	6.33933c	(95052424)	480800.00	3637200.00	4.93306c	(95052424)
480850.00	3637200.00	3.80836c	(95052424)	480900.00	3637200.00	2.98055c	(95050724)
479700.00	3637250.00	2.57129c	(95012924)	479750.00	3637250.00	2.85015c	(95122424)
479800.00	3637250.00	3.57160c	(95021624)	479850.00	3637250.00	4.92328c	(95021624)
479900.00	3637250.00	5.89489c	(95010624)	479950.00	3637250.00	6.79684c	(95021624)
480000.00	3637250.00	6.93034c	(95030424)	480050.00	3637250.00	6.10676c	(95110824)
480100.00	3637250.00	5.73514c	(95031924)	480150.00	3637250.00	7.13035c	(95031924)
480200.00	3637250.00	7.00652c	(95031924)	480250.00	3637250.00	7.40578c	(95021624)
480300.00	3637250.00	8.20456c	(95110824)	480350.00	3637250.00	8.93988c	(95110824)
480400.00	3637250.00	8.62060c	(95110824)	480450.00	3637250.00	8.20601c	(95052424)
480500.00	3637250.00	8.15672c	(95030424)	480550.00	3637250.00	6.84358c	(95030424)
480600.00	3637250.00	6.31199c	(95052324)	480650.00	3637250.00	6.60901c	(95052324)
480700.00	3637250.00	6.29148c	(95052424)	480750.00	3637250.00	5.72749c	(95052424)
480800.00	3637250.00	4.90980c	(95052424)	480850.00	3637250.00	4.05771c	(95052424)
480900.00	3637250.00	3.31341c	(95052424)	479700.00	3637300.00	2.44750c	(95012924)
479750.00	3637300.00	2.66386c	(95122424)	479800.00	3637300.00	3.57869c	(95021624)
479850.00	3637300.00	4.41643c	(95010624)	479900.00	3637300.00	5.40065c	(95110824)
479950.00	3637300.00	5.82821c	(95021624)	480000.00	3637300.00	6.11224c	(95030424)
480050.00	3637300.00	4.74595c	(95110824)	480100.00	3637300.00	4.92245c	(95031924)
480150.00	3637300.00	5.66393c	(95031924)	480200.00	3637300.00	5.92164c	(95110524)
480250.00	3637300.00	6.12896c	(95021624)	480300.00	3637300.00	6.94076c	(95110824)
480350.00	3637300.00	7.32462c	(95110824)	480400.00	3637300.00	6.92166c	(95110824)
480450.00	3637300.00	6.25950c	(95110824)	480500.00	3637300.00	6.45602c	(95030424)
480550.00	3637300.00	5.43122c	(95030424)	480600.00	3637300.00	4.66066c	(95102924)
480650.00	3637300.00	4.81984c	(95052324)	480700.00	3637300.00	5.02275c	(95052324)
480750.00	3637300.00	4.85975c	(95052424)	480800.00	3637300.00	4.48142c	(95052424)
480850.00	3637300.00	3.95257c	(95052424)	480900.00	3637300.00	3.39089c	(95052424)

479700.00	3637350.00	2.20372c (95012924)	479750.00	3637350.00	2.63488c (95021624)
479800.00	3637350.00	3.26783c (95010624)	479850.00	3637350.00	3.74209c (95110524)
479900.00	3637350.00	5.19506c (95110824)	479950.00	3637350.00	5.01091c (95021624)

**MODELOPTs:
CONC URBAN ELEV DFAULT

*** THE 2ND HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
480000.00	3637350.00	5.18111c	(95110824)	480050.00	3637350.00	3.71442c	(95110824)
480100.00	3637350.00	4.03467c	(95031924)	480150.00	3637350.00	4.74200c	(95110524)
480200.00	3637350.00	5.41183c	(95110524)	480250.00	3637350.00	5.38155c	(95110524)
480300.00	3637350.00	5.96658c	(95110824)	480350.00	3637350.00	6.11597c	(95110824)
480400.00	3637350.00	5.71227c	(95110824)	480450.00	3637350.00	5.00879c	(95110824)
480500.00	3637350.00	5.24568c	(95052424)	480550.00	3637350.00	4.51356c	(95030424)
480600.00	3637350.00	3.70601c	(95102924)	480650.00	3637350.00	3.57164c	(95052324)
480700.00	3637350.00	3.81289c	(95052324)	480750.00	3637350.00	3.94676c	(95052324)
480800.00	3637350.00	3.90548c	(95052424)	480850.00	3637350.00	3.63281c	(95052424)
480900.00	3637350.00	3.26719c	(95052424)	479700.00	3637400.00	2.03454c	(95122424)
479750.00	3637400.00	2.41747c	(95010624)	479800.00	3637400.00	3.07586c	(95110524)
479850.00	3637400.00	3.84442c	(95110824)	479900.00	3637400.00	4.65176c	(95021624)
479950.00	3637400.00	4.27792c	(95021624)	480000.00	3637400.00	4.31505c	(95110824)
480050.00	3637400.00	3.42636c	(95123124)	480100.00	3637400.00	3.29517c	(95110524)
480150.00	3637400.00	4.56192c	(95110524)	480200.00	3637400.00	4.94964c	(95110524)
480250.00	3637400.00	4.77361c	(95110524)	480300.00	3637400.00	5.18286c	(95110824)
480350.00	3637400.00	5.17812c	(95110824)	480400.00	3637400.00	4.76675c	(95110824)
480450.00	3637400.00	3.95951c	(95110824)	480500.00	3637400.00	4.13467c	(95052424)
480550.00	3637400.00	3.87372c	(95030424)	480600.00	3637400.00	2.94987c	(95011124)
480650.00	3637400.00	2.88717c	(95011124)	480700.00	3637400.00	2.91995c	(95052324)
480750.00	3637400.00	3.09421c	(95052324)	480800.00	3637400.00	3.17943c	(95052324)
480850.00	3637400.00	3.15984c	(95052324)	480900.00	3637400.00	3.02140c	(95052424)
478900.00	3635500.00	0.51806c	(95030824)	479000.00	3635500.00	0.59266c	(95030824)
479100.00	3635500.00	0.62516c	(95030824)	479200.00	3635500.00	0.55387c	(95102824)
479300.00	3635500.00	0.49735c	(95111824)	479400.00	3635500.00	0.50607c	(95111824)
479500.00	3635500.00	0.44731c	(95031424)	479600.00	3635500.00	0.35340c	(95031424)
479700.00	3635500.00	0.34414c	(95091724)	479800.00	3635500.00	0.46314c	(95070524)
479900.00	3635500.00	0.72464c	(95022424)	480000.00	3635500.00	0.95305c	(95102124)
480100.00	3635500.00	1.01862c	(95102124)	480200.00	3635500.00	0.90604c	(95102124)
480300.00	3635500.00	0.77699c	(95102124)	480400.00	3635500.00	0.68990c	(95102124)
480500.00	3635500.00	0.69655c	(95052624)	480600.00	3635500.00	0.69243c	(95052624)
480700.00	3635500.00	0.74053c	(95031824)	480800.00	3635500.00	0.77254c	(95031824)
480900.00	3635500.00	0.76596c	(95031824)	481000.00	3635500.00	0.74981c	(95060424)
481100.00	3635500.00	0.75122c	(95060424)	481200.00	3635500.00	0.78180c	(95022324)
481300.00	3635500.00	0.75704c	(95102724)	481400.00	3635500.00	0.75785c	(95102724)

481500.00	3635500.00	0.73895c (95102724)	481600.00	3635500.00	0.70120c (95102724)
481700.00	3635500.00	0.64679c (95102724)	478900.00	3635600.00	0.47508c (95030824)
479000.00	3635600.00	0.58775c (95030824)	479100.00	3635600.00	0.67252c (95030824)
479200.00	3635600.00	0.70116c (95030824)	479300.00	3635600.00	0.55947c (95102824)
479400.00	3635600.00	0.54742c (95030824)	479500.00	3635600.00	0.54308c (95111824)

CONC URBAN ELEV DFAULT

*** THE 2ND HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479600.00	3635600.00	0.44880c	(95031424)	479700.00	3635600.00	0.34338c	(95091724)
479800.00	3635600.00	0.48267c	(95091724)	479900.00	3635600.00	0.77671c	(95022424)
480000.00	3635600.00	1.06593c	(95102124)	480100.00	3635600.00	1.13405c	(95102124)
480200.00	3635600.00	0.97852c	(95102124)	480300.00	3635600.00	0.83351c	(95102124)
480400.00	3635600.00	0.77475c	(95052624)	480500.00	3635600.00	0.83222c	(95052624)
480600.00	3635600.00	0.79052c	(95052624)	480700.00	3635600.00	0.83372c	(95111424)
480800.00	3635600.00	0.85206	(95083124)	480900.00	3635600.00	0.83073c	(95031824)
481000.00	3635600.00	0.82055c	(95060424)	481100.00	3635600.00	0.86035	(95083124)
481200.00	3635600.00	0.81119c	(95102724)	481300.00	3635600.00	0.81278c	(95102724)
481400.00	3635600.00	0.79369c	(95102724)	481500.00	3635600.00	0.75448c	(95102724)
481600.00	3635600.00	0.69600c	(95102724)	481700.00	3635600.00	0.64210c	(95052024)
478900.00	3635700.00	0.72205c	(95020224)	479000.00	3635700.00	0.54135c	(95030824)
479100.00	3635700.00	0.67619c	(95030824)	479200.00	3635700.00	0.77268c	(95030824)
479300.00	3635700.00	0.79298c	(95030824)	479400.00	3635700.00	0.61098c	(95111824)
479500.00	3635700.00	0.64545c	(95111824)	479600.00	3635700.00	0.56512c	(95031424)
479700.00	3635700.00	0.42833c	(95031424)	479800.00	3635700.00	0.52113c	(95091724)
479900.00	3635700.00	0.83212c	(95022424)	480000.00	3635700.00	1.20758c	(95102124)
480100.00	3635700.00	1.27772c	(95102124)	480200.00	3635700.00	1.05964c	(95102124)
480300.00	3635700.00	0.89825c	(95102124)	480400.00	3635700.00	0.95304c	(95052624)
480500.00	3635700.00	0.98802c	(95052624)	480600.00	3635700.00	0.93531c	(95111424)
480700.00	3635700.00	0.89539c	(95111424)	480800.00	3635700.00	0.90519	(95083124)
480900.00	3635700.00	0.90251c	(95022324)	481000.00	3635700.00	0.92543	(95083124)
481100.00	3635700.00	0.89257c	(95060424)	481200.00	3635700.00	0.88095c	(95102724)
481300.00	3635700.00	0.86097c	(95102724)	481400.00	3635700.00	0.81974c	(95102724)
481500.00	3635700.00	0.75648c	(95102724)	481600.00	3635700.00	0.74329c	(95052024)
481700.00	3635700.00	0.79358c	(95052024)	478900.00	3635800.00	0.99036c	(95102824)
479000.00	3635800.00	0.89836c	(95020224)	479100.00	3635800.00	0.62605c	(95030824)
479200.00	3635800.00	0.79011c	(95030824)	479300.00	3635800.00	0.89994c	(95030824)
479400.00	3635800.00	0.90386c	(95030824)	479500.00	3635800.00	0.73146c	(95111824)
479600.00	3635800.00	0.71094c	(95111824)	479700.00	3635800.00	0.56509c	(95031424)
479800.00	3635800.00	0.55497c	(95091724)	479900.00	3635800.00	0.88819c	(95022424)
480000.00	3635800.00	1.38910c	(95102124)	480100.00	3635800.00	1.46048c	(95102124)
480200.00	3635800.00	1.15095c	(95102124)	480300.00	3635800.00	0.97511c	(95102124)
480400.00	3635800.00	1.17749c	(95052624)	480500.00	3635800.00	1.16006c	(95052624)
480600.00	3635800.00	1.09907c	(95031824)	480700.00	3635800.00	1.02248c	(95060424)
480800.00	3635800.00	1.00866c	(95022324)	480900.00	3635800.00	0.99488c	(95060424)

481000.00	3635800.00	1.00325c (95060424)	481100.00	3635800.00	0.97484c (95060424)
481200.00	3635800.00	0.94519c (95102724)	481300.00	3635800.00	0.90160c (95102724)
481400.00	3635800.00	0.83248c (95102724)	481500.00	3635800.00	0.86525c (95052024)
481600.00	3635800.00	0.91421c (95052024)	481700.00	3635800.00	0.94251c (95052024)

CONC URBAN ELEV DFAULT

*** THE 2ND HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
478900.00	3635900.00	1.40688c	(95112024)	479000.00	3635900.00	1.13824c	(95112024)
479100.00	3635900.00	1.12664c	(95020224)	479200.00	3635900.00	0.76059c	(95020224)
479300.00	3635900.00	0.93955c	(95030824)	479400.00	3635900.00	1.06438c	(95030824)
479500.00	3635900.00	1.01648c	(95102824)	479600.00	3635900.00	0.86557c	(95111824)
479700.00	3635900.00	0.74822c	(95031424)	479800.00	3635900.00	0.57449c	(95091724)
479900.00	3635900.00	0.93939c	(95022424)	480000.00	3635900.00	1.62764c	(95102124)
480100.00	3635900.00	1.69946c	(95102124)	480200.00	3635900.00	1.25580c	(95102124)
480300.00	3635900.00	1.23386c	(95052624)	480400.00	3635900.00	1.44964c	(95052624)
480500.00	3635900.00	1.34418c	(95052624)	480600.00	3635900.00	1.25194c	(95031824)
480700.00	3635900.00	1.16043c	(95022424)	480800.00	3635900.00	1.12629c	(95031824)
480900.00	3635900.00	1.11916c	(95060424)	481000.00	3635900.00	1.12499c	(95060424)
481100.00	3635900.00	1.05299c	(95102724)	481200.00	3635900.00	1.00643c	(95102724)
481300.00	3635900.00	0.94530c	(95052024)	481400.00	3635900.00	1.01242c	(95052024)
481500.00	3635900.00	1.05779c	(95052024)	481600.00	3635900.00	1.07899c	(95052024)
481700.00	3635900.00	1.01796c	(95022324)	478900.00	3636000.00	1.81996c	(95112024)
479000.00	3636000.00	1.70782c	(95112024)	479100.00	3636000.00	1.45196c	(95112024)
479200.00	3636000.00	1.42244c	(95020224)	479300.00	3636000.00	0.99804c	(95020224)
479400.00	3636000.00	1.14020c	(95030824)	479500.00	3636000.00	1.28122c	(95030824)
479600.00	3636000.00	1.05816c	(95102824)	479700.00	3636000.00	0.99595c	(95111824)
479800.00	3636000.00	0.73676c	(95031424)	479900.00	3636000.00	1.06379c	(95070524)
480000.00	3636000.00	1.95051c	(95102124)	480100.00	3636000.00	2.02137c	(95102124)
480200.00	3636000.00	1.41858c	(95120924)	480300.00	3636000.00	1.56063c	(95022424)
480400.00	3636000.00	1.76429c	(95052624)	480500.00	3636000.00	1.64211c	(95011424)
480600.00	3636000.00	1.41259c	(95011424)	480700.00	3636000.00	1.34925c	(95022424)
480800.00	3636000.00	1.28332c	(95031824)	480900.00	3636000.00	1.28568c	(95060424)
481000.00	3636000.00	1.25218c	(95060424)	481100.00	3636000.00	1.14349c	(95102724)
481200.00	3636000.00	1.12851c	(95052024)	481300.00	3636000.00	1.19096c	(95052024)
481400.00	3636000.00	1.22990c	(95052024)	481500.00	3636000.00	1.24107c	(95052024)
481600.00	3636000.00	1.11116c	(95022324)	481700.00	3636000.00	0.91186c	(95022324)
478900.00	3636100.00	1.68743c	(95020224)	479000.00	3636100.00	2.00313c	(95020224)
479100.00	3636100.00	2.04738c	(95112024)	479200.00	3636100.00	1.83901c	(95112024)
479300.00	3636100.00	1.80291c	(95020224)	479400.00	3636100.00	1.33663c	(95020224)
479500.00	3636100.00	1.41874c	(95030824)	479600.00	3636100.00	1.57595c	(95030824)
479700.00	3636100.00	1.25241c	(95111824)	479800.00	3636100.00	1.07502c	(95031424)
479900.00	3636100.00	1.14786c	(95101924)	480000.00	3636100.00	2.40305c	(95102124)
480100.00	3636100.00	2.46988c	(95102124)	480200.00	3636100.00	1.71162c	(95120924)

480300.00	3636100.00	1.89829c (95022424)	480400.00	3636100.00	2.11535c (95052624)
480500.00	3636100.00	1.98199c (95011424)	480600.00	3636100.00	1.91705c (95022324)
480700.00	3636100.00	1.51269c (95031824)	480800.00	3636100.00	1.53018c (95031824)
480900.00	3636100.00	1.48793c (95060424)	481000.00	3636100.00	1.35193c (95060424)

CONC URBAN ELEV DFAULT

*** THE 2ND HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
481100.00	3636100.00	1.35588c	(95052024)	481200.00	3636100.00	1.40873c	(95052024)
481300.00	3636100.00	1.43894c	(95052024)	481400.00	3636100.00	1.43763c	(95052024)
481500.00	3636100.00	1.22518c	(95022324)	481600.00	3636100.00	0.98370c	(95022324)
481700.00	3636100.00	0.90736c	(95022524)	478900.00	3636200.00	1.20121c	(95020224)
479000.00	3636200.00	1.68961c	(95020224)	479100.00	3636200.00	2.14423c	(95020224)
479200.00	3636200.00	2.41720c	(95112024)	479300.00	3636200.00	2.29916c	(95112024)
479400.00	3636200.00	2.14947c	(95102824)	479500.00	3636200.00	1.82546c	(95020224)
479600.00	3636200.00	1.82186c	(95030824)	479700.00	3636200.00	1.99760c	(95030824)
479800.00	3636200.00	1.58113c	(95111824)	479900.00	3636200.00	1.25471c	(95101924)
480000.00	3636200.00	3.06579c	(95102124)	480100.00	3636200.00	3.12143c	(95102124)
480200.00	3636200.00	2.35347c	(95052624)	480300.00	3636200.00	2.51185c	(95022424)
480400.00	3636200.00	2.50327c	(95052624)	480500.00	3636200.00	2.43156c	(95022324)
480600.00	3636200.00	2.31048c	(95022424)	480700.00	3636200.00	1.86190c	(95031824)
480800.00	3636200.00	1.87248c	(95031824)	480900.00	3636200.00	1.68247c	(95060424)
481000.00	3636200.00	1.64072c	(95052024)	481100.00	3636200.00	1.68028c	(95052024)
481200.00	3636200.00	1.70124c	(95052024)	481300.00	3636200.00	1.64620c	(95022324)
481400.00	3636200.00	1.37012c	(95022324)	481500.00	3636200.00	1.09859c	(95022524)
481600.00	3636200.00	1.04323c	(95022524)	481700.00	3636200.00	0.97044c	(95022524)
478900.00	3636300.00	1.19797c	(95122724)	479000.00	3636300.00	1.28568c	(95122524)
479100.00	3636300.00	1.62869c	(95020224)	479200.00	3636300.00	2.24741c	(95020224)
479300.00	3636300.00	2.73551c	(95020224)	479400.00	3636300.00	2.82970c	(95112024)
479500.00	3636300.00	2.61587c	(95112024)	479600.00	3636300.00	2.51492c	(95020224)
481000.00	3636300.00	2.03179c	(95052024)	481100.00	3636300.00	2.04709c	(95052024)
481200.00	3636300.00	1.91978c	(95022324)	481300.00	3636300.00	1.56277c	(95022324)
481400.00	3636300.00	1.29592c	(95022524)	481500.00	3636300.00	1.20558c	(95022524)
481600.00	3636300.00	1.09709c	(95022524)	481700.00	3636300.00	0.98099c	(95022524)
478900.00	3636400.00	1.34718c	(95122524)	479000.00	3636400.00	1.50138c	(95122524)
479100.00	3636400.00	1.50891c	(95122724)	479200.00	3636400.00	1.64249c	(95122524)
479300.00	3636400.00	2.28817c	(95020224)	479400.00	3636400.00	3.03544c	(95020224)
479500.00	3636400.00	3.45807c	(95112024)	479600.00	3636400.00	3.39887c	(95112024)
481000.00	3636400.00	2.53578c	(95052024)	481100.00	3636400.00	2.31015c	(95022324)
481200.00	3636400.00	1.83254c	(95022324)	481300.00	3636400.00	1.54792c	(95022524)
481400.00	3636400.00	1.40327c	(95022524)	481500.00	3636400.00	1.24296c	(95022524)
481600.00	3636400.00	1.08156c	(95022524)	481700.00	3636400.00	0.92943c	(95022524)
478900.00	3636500.00	1.16710c	(95122524)	479000.00	3636500.00	1.43550c	(95122524)
479100.00	3636500.00	1.71661c	(95122524)	479200.00	3636500.00	1.90861c	(95122724)
479300.00	3636500.00	1.92749c	(95122724)	479400.00	3636500.00	2.27352c	(95122524)

479500.00	3636500.00	3.32667c (95020224)	479600.00	3636500.00	4.15252c (95020224)
481000.00	3636500.00	2.88248c (95022324)	481100.00	3636500.00	2.22630c (95022324)
481200.00	3636500.00	1.87443c (95022524)	481300.00	3636500.00	1.64547c (95022524)

CONC URBAN ELEV DFAULT

*** THE 2ND HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
481400.00	3636500.00	1.41014c	(95022524)	481500.00	3636500.00	1.18799c	(95022524)
481600.00	3636500.00	0.99013c	(95022524)	481700.00	3636500.00	0.82102c	(95022524)
478900.00	3636600.00	0.94835c	(95112824)	479000.00	3636600.00	1.13570c	(95122524)
479100.00	3636600.00	1.45912c	(95122524)	479200.00	3636600.00	1.87232c	(95122524)
479300.00	3636600.00	2.28789c	(95122724)	479400.00	3636600.00	2.44747c	(95122724)
479500.00	3636600.00	2.67045c	(95112024)	479600.00	3636600.00	3.60061c	(95122524)
481000.00	3636600.00	2.83431c	(95022324)	481100.00	3636600.00	2.29798c	(95022524)
481200.00	3636600.00	1.94400c	(95022524)	481300.00	3636600.00	1.60030c	(95022524)
481400.00	3636600.00	1.29488c	(95022524)	481500.00	3636600.00	1.03240c	(95051924)
481600.00	3636600.00	0.87208c	(95051924)	481700.00	3636600.00	0.76236c	(95052124)
478900.00	3636700.00	0.97566c	(95012224)	479000.00	3636700.00	1.08581c	(95012224)
479100.00	3636700.00	1.20811c	(95112824)	479200.00	3636700.00	1.42283c	(95122724)
479300.00	3636700.00	1.92048c	(95122524)	479400.00	3636700.00	2.49415c	(95122724)
479500.00	3636700.00	3.01050c	(95122724)	479600.00	3636700.00	3.38318c	(95122724)
481000.00	3636700.00	2.89829c	(95022524)	481100.00	3636700.00	2.33708c	(95022524)
481200.00	3636700.00	1.81189c	(95022524)	481300.00	3636700.00	1.35776c	(95081824)
481400.00	3636700.00	1.08928c	(95051924)	481500.00	3636700.00	0.97737c	(95052124)
481600.00	3636700.00	0.90335c	(95031924)	481700.00	3636700.00	0.79958c	(95081824)
478900.00	3636800.00	1.13845	(95121824)	479000.00	3636800.00	1.22009	(95121824)
479100.00	3636800.00	1.31703	(95121824)	479200.00	3636800.00	1.47252c	(95012224)
479300.00	3636800.00	1.72549c	(95012224)	479400.00	3636800.00	1.98218c	(95112324)
479500.00	3636800.00	2.44693c	(95012224)	479600.00	3636800.00	3.35085c	(95122724)
481000.00	3636800.00	2.82775c	(95022524)	481100.00	3636800.00	1.91165c	(95081824)
481200.00	3636800.00	1.50365c	(95051124)	481300.00	3636800.00	1.33250c	(95031924)
481400.00	3636800.00	1.13448c	(95101824)	481500.00	3636800.00	1.01970c	(95101824)
481600.00	3636800.00	0.92187c	(95101824)	481700.00	3636800.00	0.83796c	(95101824)
478900.00	3636900.00	1.41473c	(95112924)	479000.00	3636900.00	1.53573c	(95112924)
479100.00	3636900.00	1.67906c	(95112924)	479200.00	3636900.00	1.85496c	(95112924)
479300.00	3636900.00	2.07891c	(95112924)	479400.00	3636900.00	2.37778c	(95112924)
479500.00	3636900.00	2.79008c	(95112924)	479600.00	3636900.00	3.36732c	(95112924)
481000.00	3636900.00	2.43318c	(95081824)	481100.00	3636900.00	1.92706c	(95101824)
481200.00	3636900.00	1.62961c	(95031924)	481300.00	3636900.00	1.37591c	(95031924)
481400.00	3636900.00	1.22209c	(95101824)	481500.00	3636900.00	1.07138c	(95101824)
481600.00	3636900.00	0.94828c	(95101824)	481700.00	3636900.00	0.84678c	(95101824)
478900.00	3637000.00	1.60699c	(95112924)	479000.00	3637000.00	1.74626c	(95112924)
479100.00	3637000.00	1.91724c	(95112924)	479200.00	3637000.00	2.13309c	(95112924)
479300.00	3637000.00	2.41477c	(95112924)	479400.00	3637000.00	2.78728c	(95112924)

479500.00	3637000.00	3.22654c (95010624)	479600.00	3637000.00	4.06782c (95012924)
481000.00	3637000.00	2.71691c (95101824)	481100.00	3637000.00	2.02535c (95101824)
481200.00	3637000.00	1.69854c (95020524)	481300.00	3637000.00	1.44237c (95040824)

**MODELOPTs:
CONC URBAN ELEV DFAULT

*** THE 2ND HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
481400.00	3637000.00	1.21500c	(95040824)	481500.00	3637000.00	1.03814c	(95040824)
481600.00	3637000.00	0.95965c	(95121124)	481700.00	3637000.00	0.90316c	(95121124)
478900.00	3637100.00	1.54280c	(95010224)	479000.00	3637100.00	1.64106c	(95010224)
479100.00	3637100.00	1.77871c	(95010624)	479200.00	3637100.00	2.07212c	(95112324)
479300.00	3637100.00	2.28896c	(95012924)	479400.00	3637100.00	2.73380c	(95012924)
479500.00	3637100.00	3.25021c	(95012924)	479600.00	3637100.00	3.84167c	(95012924)
481000.00	3637100.00	2.69809c	(95040824)	481100.00	3637100.00	2.11866c	(95040824)
481200.00	3637100.00	1.72351c	(95040824)	481300.00	3637100.00	1.43667c	(95040824)
481400.00	3637100.00	1.21928c	(95040824)	481500.00	3637100.00	1.07188c	(95121124)
481600.00	3637100.00	1.01697c	(95121124)	481700.00	3637100.00	0.96916c	(95121124)
478900.00	3637200.00	1.47725c	(95120824)	479000.00	3637200.00	1.55759c	(95120824)
479100.00	3637200.00	1.75034c	(95012924)	479200.00	3637200.00	2.02308c	(95012924)
479300.00	3637200.00	2.31088c	(95012924)	479400.00	3637200.00	2.58999c	(95012924)
479500.00	3637200.00	2.81847c	(95012924)	479600.00	3637200.00	2.93662c	(95012924)
481000.00	3637200.00	2.13464c	(95050724)	481100.00	3637200.00	1.63964c	(95040824)
481200.00	3637200.00	1.53393c	(95020524)	481300.00	3637200.00	1.43816c	(95052324)
481400.00	3637200.00	1.16672c	(95052324)	481500.00	3637200.00	0.96733c	(95052324)
481600.00	3637200.00	0.91438c	(95121124)	481700.00	3637200.00	0.89731c	(95121124)
478900.00	3637300.00	1.42831c	(95012924)	479000.00	3637300.00	1.61816c	(95012924)
479100.00	3637300.00	1.80538c	(95012924)	479200.00	3637300.00	1.97168c	(95012924)
479300.00	3637300.00	2.09536c	(95012924)	479400.00	3637300.00	2.16172c	(95012924)
479500.00	3637300.00	2.19036c	(95012924)	479600.00	3637300.00	2.25638c	(95012924)
481000.00	3637300.00	2.42513c	(95052424)	481100.00	3637300.00	1.77155c	(95050724)
481200.00	3637300.00	1.39965c	(95050724)	481300.00	3637300.00	1.10746c	(95050724)
481400.00	3637300.00	1.02913c	(95020524)	481500.00	3637300.00	1.01307c	(95052324)
481600.00	3637300.00	0.85135c	(95052324)	481700.00	3637300.00	0.72744c	(95052324)
478900.00	3637400.00	1.50441c	(95012924)	479000.00	3637400.00	1.62097c	(95012924)
479100.00	3637400.00	1.70747c	(95012924)	479200.00	3637400.00	1.75925c	(95012924)
479300.00	3637400.00	1.78629c	(95012924)	479400.00	3637400.00	1.81403c	(95012924)
479500.00	3637400.00	1.85678c	(95012924)	479600.00	3637400.00	1.86331c	(95012924)
481000.00	3637400.00	2.46720c	(95052424)	481100.00	3637400.00	1.93016c	(95052424)
481200.00	3637400.00	1.49247c	(95052424)	481300.00	3637400.00	1.22415c	(95050724)
481400.00	3637400.00	1.01664c	(95050724)	481500.00	3637400.00	0.83478c	(95050724)
481600.00	3637400.00	0.70724c	(95020524)	481700.00	3637400.00	0.75472c	(95052324)
478900.00	3637500.00	1.45894c	(95012924)	479000.00	3637500.00	1.49712c	(95012924)
479100.00	3637500.00	1.51102c	(95012924)	479200.00	3637500.00	1.50691c	(95012924)
479300.00	3637500.00	1.48437c	(95012924)	479400.00	3637500.00	1.41702c	(95012924)

479500.00	3637500.00	1.46175c (95031924)	479600.00	3637500.00	1.46836c (95010624)
479700.00	3637500.00	1.91949c (95110524)	479800.00	3637500.00	2.88661c (95110524)
479900.00	3637500.00	3.60990c (95021624)	480000.00	3637500.00	3.00841c (95110824)

CONC URBAN ELEV DFAULT

*** THE 2ND HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
480100.00	3637500.00	3.33671c	(95110524)	480200.00	3637500.00	4.06148c	(95030424)
480300.00	3637500.00	4.00331c	(95110824)	480400.00	3637500.00	3.28607c	(95110824)
480500.00	3637500.00	2.73168c	(95052424)	480600.00	3637500.00	2.42951c	(95011124)
480700.00	3637500.00	2.32879c	(95011124)	480800.00	3637500.00	2.07670c	(95061424)
480900.00	3637500.00	2.18447c	(95052324)	481000.00	3637500.00	2.14353c	(95052324)
481100.00	3637500.00	1.87965c	(95052424)	481200.00	3637500.00	1.54696c	(95052424)
481300.00	3637500.00	1.26163c	(95052424)	481400.00	3637500.00	1.03989c	(95050724)
481500.00	3637500.00	0.91414c	(95050724)	481600.00	3637500.00	0.78384c	(95050724)
481700.00	3637500.00	0.66183c	(95050724)	478900.00	3637600.00	1.30391c	(95012924)
479000.00	3637600.00	1.28055c	(95012924)	479100.00	3637600.00	1.22981c	(95012924)
479200.00	3637600.00	1.14072c	(95012924)	479300.00	3637600.00	1.10781c	(95102424)
479400.00	3637600.00	1.13021c	(95102424)	479500.00	3637600.00	1.11911c	(95102424)
479600.00	3637600.00	1.27724c	(95122424)	479700.00	3637600.00	2.13823c	(95110524)
479800.00	3637600.00	2.95610c	(95110824)	479900.00	3637600.00	2.66739c	(95021624)
480000.00	3637600.00	2.29967c	(95123124)	480100.00	3637600.00	3.12900c	(95030424)
480200.00	3637600.00	3.19579c	(95030424)	480300.00	3637600.00	3.14599c	(95110824)
480400.00	3637600.00	2.20318c	(95110824)	480500.00	3637600.00	2.26403c	(95101024)
480600.00	3637600.00	2.07334c	(95030424)	480700.00	3637600.00	1.73500c	(95052424)
480800.00	3637600.00	1.72207c	(95052424)	480900.00	3637600.00	1.63240c	(95061424)
481000.00	3637600.00	1.58892c	(95052324)	481100.00	3637600.00	1.57984c	(95052324)
481200.00	3637600.00	1.48577c	(95052424)	481300.00	3637600.00	1.26145c	(95052424)
481400.00	3637600.00	1.06338c	(95052424)	481500.00	3637600.00	0.89743c	(95052424)
481600.00	3637600.00	0.80190c	(95012524)	481700.00	3637600.00	0.71752c	(95012524)
478900.00	3637700.00	1.04635c	(95012924)	479000.00	3637700.00	0.97684c	(95010624)
479100.00	3637700.00	0.88654c	(95110724)	479200.00	3637700.00	0.91143c	(95031924)
479300.00	3637700.00	0.97239c	(95102424)	479400.00	3637700.00	0.89641c	(95102424)
479500.00	3637700.00	0.98125c	(95030424)	479600.00	3637700.00	1.42626c	(95110524)
479700.00	3637700.00	2.10910c	(95110524)	479800.00	3637700.00	2.69098c	(95021624)
479900.00	3637700.00	1.95820c	(95021624)	480000.00	3637700.00	1.89715c	(95110824)
480100.00	3637700.00	2.51169c	(95030424)	480200.00	3637700.00	2.68892c	(95110824)
480300.00	3637700.00	2.46266c	(95110824)	480400.00	3637700.00	1.77213c	(95101024)
480500.00	3637700.00	1.93170c	(95101024)	480600.00	3637700.00	1.82063c	(95030424)
480700.00	3637700.00	1.50669c	(95101024)	480800.00	3637700.00	1.23694c	(95052424)
480900.00	3637700.00	1.35517c	(95052424)	481000.00	3637700.00	1.32172c	(95061424)
481100.00	3637700.00	1.25872c	(95061424)	481200.00	3637700.00	1.20815c	(95052324)
481300.00	3637700.00	1.19500c	(95052324)	481400.00	3637700.00	1.04851c	(95052424)
481500.00	3637700.00	0.90266c	(95052424)	481600.00	3637700.00	0.82152c	(95012524)

481700.00	3637700.00	0.77082c (95012524)	478900.00	3637800.00	0.78451c (95110724)
479000.00	3637800.00	0.70404c (95110724)	479100.00	3637800.00	0.80087c (95031924)
479200.00	3637800.00	0.81774c (95102424)	479300.00	3637800.00	0.71901c (95030424)

CONC URBAN ELEV DFAULT

*** THE 2ND HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479400.00	3637800.00	0.78500c	(95030424)	479500.00	3637800.00	0.90165c	(95021624)
479600.00	3637800.00	1.58707c	(95021624)	479700.00	3637800.00	1.89597c	(95110524)
479800.00	3637800.00	2.17309c	(95021624)	479900.00	3637800.00	1.53489c	(95021624)
480000.00	3637800.00	1.79508c	(95030424)	480100.00	3637800.00	2.10903c	(95110824)
480200.00	3637800.00	2.16115c	(95030424)	480300.00	3637800.00	1.89926c	(95110824)
480400.00	3637800.00	1.43351c	(95101024)	480500.00	3637800.00	1.64052c	(95101024)
480600.00	3637800.00	1.61395c	(95101024)	480700.00	3637800.00	1.39063c	(95101024)
480800.00	3637800.00	1.08110c	(95101124)	480900.00	3637800.00	0.98744c	(95052424)
481000.00	3637800.00	1.09664c	(95011124)	481100.00	3637800.00	1.09572c	(95061424)
481200.00	3637800.00	1.03718c	(95061424)	481300.00	3637800.00	0.95093c	(95052324)
481400.00	3637800.00	0.95469c	(95052324)	481500.00	3637800.00	0.88752c	(95052424)
481600.00	3637800.00	0.78255c	(95012524)	481700.00	3637800.00	0.75389c	(95012524)
478900.00	3637900.00	0.58259c	(95031924)	479000.00	3637900.00	0.71322c	(95031924)
479100.00	3637900.00	0.67656c	(95102424)	479200.00	3637900.00	0.60439c	(95030424)
479300.00	3637900.00	0.64159c	(95030424)	479400.00	3637900.00	0.69566c	(95122424)
479500.00	3637900.00	1.03036c	(95021624)	479600.00	3637900.00	1.62997c	(95110524)
479700.00	3637900.00	1.96098c	(95110824)	479800.00	3637900.00	1.73316c	(95021624)
479900.00	3637900.00	1.33427c	(95021624)	480000.00	3637900.00	1.71771c	(95110824)
480100.00	3637900.00	2.02127c	(95110824)	480200.00	3637900.00	1.83039c	(95030424)
480300.00	3637900.00	1.44746c	(95110824)	480400.00	3637900.00	1.16562c	(95101024)
480500.00	3637900.00	1.38539c	(95101024)	480600.00	3637900.00	1.42376c	(95101024)
480700.00	3637900.00	1.14325c	(95011124)	480800.00	3637900.00	1.03928c	(95101024)
480900.00	3637900.00	0.83391c	(95101124)	481000.00	3637900.00	0.83421c	(95052424)
481100.00	3637900.00	0.90332c	(95061424)	481200.00	3637900.00	0.92694c	(95061424)
481300.00	3637900.00	0.87444c	(95061424)	481400.00	3637900.00	0.82402c	(95012524)
481500.00	3637900.00	0.77667c	(95052324)	481600.00	3637900.00	0.76383c	(95052424)
481700.00	3637900.00	0.70572c	(95012524)	478900.00	3638000.00	0.64198c	(95031924)
479000.00	3638000.00	0.55386c	(95102424)	479100.00	3638000.00	0.51560c	(95030424)
479200.00	3638000.00	0.55542c	(95123124)	479300.00	3638000.00	0.60341c	(95123124)
479400.00	3638000.00	0.73544c	(95110524)	479500.00	3638000.00	1.15537c	(95021624)
479600.00	3638000.00	1.53888c	(95110524)	479700.00	3638000.00	1.78532c	(95021624)
479800.00	3638000.00	1.42291c	(95021624)	479900.00	3638000.00	1.36972c	(95110524)
480000.00	3638000.00	1.68745c	(95110824)	480100.00	3638000.00	1.68986c	(95110524)
480200.00	3638000.00	1.57579c	(95030424)	480300.00	3638000.00	1.09878c	(95110824)
480400.00	3638000.00	0.98442c	(95052424)	480500.00	3638000.00	1.16675c	(95101024)
480600.00	3638000.00	1.24826c	(95101024)	480700.00	3638000.00	0.99298c	(95030424)

480800.00	3638000.00	0.99752c (95101024)	480900.00	3638000.00	0.81481c (95101124)
481000.00	3638000.00	0.64131c (95080824)	481100.00	3638000.00	0.72315c (95052424)
481200.00	3638000.00	0.78563c (95061424)	481300.00	3638000.00	0.80499c (95102824)
481400.00	3638000.00	0.78455c (95012524)	481500.00	3638000.00	0.74580c (95012524)

CONC URBAN ELEV DFAULT

*** THE 2ND HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
481600.00	3638000.00	0.70007c	(95012524)	481700.00	3638000.00	0.66290c	(95012524)
478900.00	3638100.00	0.45063c	(95102424)	479000.00	3638100.00	0.44541c	(95030424)
479100.00	3638100.00	0.48738c	(95123124)	479200.00	3638100.00	0.55216c	(95123124)
479300.00	3638100.00	0.55402	(95010424)	479400.00	3638100.00	0.77418c	(95021624)
479500.00	3638100.00	1.24329c	(95021624)	479600.00	3638100.00	1.38814c	(95110524)
479700.00	3638100.00	1.52706c	(95021624)	479800.00	3638100.00	1.23527c	(95021624)
479900.00	3638100.00	1.35994c	(95110524)	480000.00	3638100.00	1.51497c	(95110524)
480100.00	3638100.00	1.36385c	(95110524)	480200.00	3638100.00	1.37581c	(95030424)
480300.00	3638100.00	0.88260c	(95052424)	480400.00	3638100.00	0.89153c	(95052424)
480500.00	3638100.00	0.98332c	(95101024)	480600.00	3638100.00	1.08807c	(95101024)
480700.00	3638100.00	0.92304c	(95030424)	480800.00	3638100.00	0.87944c	(95011124)
480900.00	3638100.00	0.77392c	(95101124)	481000.00	3638100.00	0.64952c	(95101124)
481100.00	3638100.00	0.57626c	(95080824)	481200.00	3638100.00	0.65149c	(95102824)
481300.00	3638100.00	0.70274c	(95052424)	481400.00	3638100.00	0.73765c	(95052424)
481500.00	3638100.00	0.72017c	(95012524)	481600.00	3638100.00	0.68290c	(95012524)
481700.00	3638100.00	0.64000c	(95012524)	478900.00	3638200.00	0.38884c	(95030424)
479000.00	3638200.00	0.42766c	(95123124)	479100.00	3638200.00	0.50237c	(95123124)
479200.00	3638200.00	0.52212c	(95123124)	479300.00	3638200.00	0.58283c	(95031924)
479400.00	3638200.00	0.87085c	(95021624)	479500.00	3638200.00	1.28004c	(95021624)
479600.00	3638200.00	1.43861c	(95110824)	479700.00	3638200.00	1.31775c	(95021624)
479800.00	3638200.00	1.13341c	(95021624)	479900.00	3638200.00	1.28955c	(95110524)
480000.00	3638200.00	1.29277c	(95110524)	480100.00	3638200.00	1.14169c	(95030424)
480200.00	3638200.00	1.15682c	(95110824)	480300.00	3638200.00	0.79857c	(95052424)
480400.00	3638200.00	0.81172c	(95052424)	480500.00	3638200.00	0.83245c	(95101024)
480600.00	3638200.00	0.94493c	(95101024)	480700.00	3638200.00	0.85341c	(95030424)
480800.00	3638200.00	0.72973c	(95101124)	480900.00	3638200.00	0.75602c	(95101024)
481000.00	3638200.00	0.63992c	(95101124)	481100.00	3638200.00	0.54542c	(95080824)
481200.00	3638200.00	0.52680c	(95080824)	481300.00	3638200.00	0.59645c	(95012524)
481400.00	3638200.00	0.66143c	(95012524)	481500.00	3638200.00	0.68247c	(95012524)
481600.00	3638200.00	0.66722c	(95012524)	481700.00	3638200.00	0.62111c	(95052424)

CONC URBAN ELEV DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	4.94404 AT	(480650.00, 3637000.00, 114.80, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	4.28648 AT	(480650.00, 3636950.00, 114.80, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	3.95559 AT	(480650.00, 3637050.00, 112.70, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	3.26373 AT	(480650.00, 3636900.00, 114.40, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	2.69908 AT	(480450.00, 3637150.00, 121.00, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	2.68606 AT	(480700.00, 3636950.00, 111.60, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	2.65601 AT	(480400.00, 3637150.00, 119.50, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	2.65516 AT	(480700.00, 3637000.00, 107.50, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	2.65432 AT	(480500.00, 3637150.00, 121.90, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	2.65214 AT	(480200.00, 3637100.00, 113.90, 0.00)	DC	NA

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

CONC URBAN ELEV DFAULT

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF OTHER 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	26.92068c	ON 95030424:	AT (480050.00, 3637050.00, 110.60, 0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	20.92335c	ON 95021624:	AT (480050.00, 3637050.00, 110.60, 0.00)	DC	NA

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

**MODELOPTs:
CONC URBAN ELEV DFAULT

*** Message Summary : ISCST3 Model Execution ***

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

A Total of 0 Fatal Error Message(s)
A Total of 0 Warning Message(s)
A Total of 1526 Informational Message(s)

A Total of 1525 Calm Hours Identified

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

******** WARNING MESSAGES ********
*** NONE ***

****
*** ISCST3 Finishes Successfully ***
****

```
NO ECHO

 BEE-Line ISCST3 "BEEST" Version 9.00

 Input File - C:\BEEST\UTC Construction_95_OTHER.DTA

Output File - C:\BEEST\UTC Construction_95_OTHER.LST

   Met File - C:\MetData\MIR95.ASC

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

CONC URBAN ELEV 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.
**NO GAS DRY DEPOSITION 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 Accepts Receptors on ELEV Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

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

**This Run Includes: 7 Source(s);   1 Source Group(s); and   1103 Receptor(s)

**The Model Assumes A Pollutant Type of: OTHER

**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) =    10.00 ;    Decay Coef. =    0.000     ;    Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                                 ; Emission Rate Unit Factor =   0.10000E+07
                 Output Units   = MICROGRAMS/M**3

**Approximate Storage Requirements of Model =     1.3 MB of RAM.

**Input Runstream File:          UTC Construction_95_OTHER.DTA
**Output Print File:             UTC Construction_95_OTHER.LST
```

CONC URBAN ELEV DFAULT

*** 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	0.33797E-04	479999.6	3636524.2	109.1	0.00	85.00	85.00	0.00	1.00	HROFDY
AREA2	0	0.34001E-04	479999.6	3636609.2	109.7	0.00	85.00	370.00	0.00	1.00	HROFDY
AREA3	0	0.33997E-04	480084.6	3636701.8	110.0	0.00	75.00	275.00	0.00	1.00	HROFDY
AREA4	0	0.51113E-04	480059.6	3636979.2	110.6	0.00	45.00	20.00	0.00	1.00	HROFDY
AREA5	0	0.62485E-04	480104.6	3636979.2	111.4	0.00	105.00	35.00	0.00	1.00	HROFDY
AREA6	0	0.40801E-04	480254.6	3636979.2	114.3	0.00	340.00	100.00	0.00	1.00	HROFDY
AREA7	0	0.33983E-04	480429.6	3636749.2	115.3	0.00	92.50	125.00	0.00	1.00	HROFDY

CONC URBAN ELEV DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

CONC URBAN ELEV DFAULT

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SOURCE ID = AREA1 ; SOURCE TYPE = AREA :											
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00
SOURCE ID = AREA2 ; SOURCE TYPE = AREA :											
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00
SOURCE ID = AREA3 ; SOURCE TYPE = AREA :											
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00
SOURCE ID = AREA4 ; SOURCE TYPE = AREA :											
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00
SOURCE ID = AREA5 ; SOURCE TYPE = AREA :											
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

CONC URBAN ELEV DFAULT

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SOURCE ID = AREA6 ; SOURCE TYPE = AREA :											
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00
SOURCE ID = AREA7 ; SOURCE TYPE = AREA :											
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

CONC URBAN ELEV DFAULT

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

(479700.0,	3636250.0,	107.9,	0.0);	(479750.0,	3636250.0,	107.1,	0.0);
(479800.0,	3636250.0,	106.9,	0.0);	(479850.0,	3636250.0,	103.0,	0.0);
(479900.0,	3636250.0,	95.0,	0.0);	(479950.0,	3636250.0,	87.4,	0.0);
(480000.0,	3636250.0,	99.1,	0.0);	(480050.0,	3636250.0,	100.7,	0.0);
(480100.0,	3636250.0,	88.1,	0.0);	(480150.0,	3636250.0,	104.2,	0.0);
(480200.0,	3636250.0,	105.8,	0.0);	(480250.0,	3636250.0,	100.3,	0.0);
(480300.0,	3636250.0,	95.4,	0.0);	(480350.0,	3636250.0,	103.2,	0.0);
(480400.0,	3636250.0,	109.3,	0.0);	(480450.0,	3636250.0,	110.3,	0.0);
(480500.0,	3636250.0,	104.3,	0.0);	(480550.0,	3636250.0,	97.2,	0.0);
(480600.0,	3636250.0,	91.2,	0.0);	(480650.0,	3636250.0,	70.3,	0.0);
(480700.0,	3636250.0,	69.1,	0.0);	(480750.0,	3636250.0,	88.9,	0.0);
(480800.0,	3636250.0,	93.8,	0.0);	(480850.0,	3636250.0,	92.8,	0.0);
(480900.0,	3636250.0,	93.3,	0.0);	(479700.0,	3636300.0,	107.9,	0.0);
(479750.0,	3636300.0,	107.9,	0.0);	(479800.0,	3636300.0,	107.0,	0.0);
(479850.0,	3636300.0,	106.1,	0.0);	(479900.0,	3636300.0,	104.2,	0.0);
(479950.0,	3636300.0,	94.0,	0.0);	(480000.0,	3636300.0,	98.1,	0.0);
(480050.0,	3636300.0,	102.0,	0.0);	(480100.0,	3636300.0,	95.1,	0.0);
(480150.0,	3636300.0,	106.1,	0.0);	(480200.0,	3636300.0,	107.0,	0.0);
(480250.0,	3636300.0,	107.0,	0.0);	(480300.0,	3636300.0,	107.0,	0.0);
(480350.0,	3636300.0,	102.2,	0.0);	(480400.0,	3636300.0,	110.4,	0.0);
(480450.0,	3636300.0,	111.9,	0.0);	(480500.0,	3636300.0,	110.3,	0.0);
(480550.0,	3636300.0,	105.0,	0.0);	(480600.0,	3636300.0,	91.1,	0.0);
(480650.0,	3636300.0,	73.8,	0.0);	(480700.0,	3636300.0,	67.0,	0.0);
(480750.0,	3636300.0,	81.1,	0.0);	(480800.0,	3636300.0,	92.4,	0.0);
(480850.0,	3636300.0,	93.9,	0.0);	(480900.0,	3636300.0,	93.9,	0.0);
(479700.0,	3636350.0,	107.0,	0.0);	(479750.0,	3636350.0,	107.1,	0.0);
(479800.0,	3636350.0,	107.0,	0.0);	(479850.0,	3636350.0,	107.0,	0.0);
(479900.0,	3636350.0,	106.0,	0.0);	(479950.0,	3636350.0,	95.8,	0.0);
(480000.0,	3636350.0,	105.4,	0.0);	(480050.0,	3636350.0,	104.2,	0.0);
(480100.0,	3636350.0,	96.2,	0.0);	(480150.0,	3636350.0,	105.6,	0.0);
(480200.0,	3636350.0,	107.6,	0.0);	(480250.0,	3636350.0,	108.2,	0.0);
(480300.0,	3636350.0,	109.1,	0.0);	(480350.0,	3636350.0,	107.2,	0.0);
(480400.0,	3636350.0,	110.8,	0.0);	(480450.0,	3636350.0,	111.9,	0.0);
(480500.0,	3636350.0,	108.7,	0.0);	(480550.0,	3636350.0,	92.3,	0.0);
(480600.0,	3636350.0,	75.8,	0.0);	(480650.0,	3636350.0,	74.1,	0.0);
(480700.0,	3636350.0,	67.5,	0.0);	(480750.0,	3636350.0,	73.4,	0.0);
(480800.0,	3636350.0,	91.5,	0.0);	(480850.0,	3636350.0,	93.9,	0.0);
(480900.0,	3636350.0,	93.9,	0.0);	(479700.0,	3636400.0,	106.4,	0.0);
(479750.0,	3636400.0,	107.2,	0.0);	(479800.0,	3636400.0,	107.7,	0.0);
(479850.0,	3636400.0,	107.0,	0.0);	(479900.0,	3636400.0,	106.4,	0.0);

```
( 479950.0, 3636400.0,     101.8,       0.0);          ( 480000.0, 3636400.0,     106.7,       0.0);
( 480050.0, 3636400.0,     106.8,       0.0);          ( 480100.0, 3636400.0,     102.3,       0.0);
( 480150.0, 3636400.0,     105.0,       0.0);          ( 480200.0, 3636400.0,     107.1,       0.0);
( 480250.0, 3636400.0,     108.6,       0.0);          ( 480300.0, 3636400.0,     109.1,       0.0);
( 480350.0, 3636400.0,     109.1,       0.0);          ( 480400.0, 3636400.0,     110.3,       0.0);
```

CONC URBAN ELEV DFAULT

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

(	480450.0,	3636400.0,	111.9,	0.0);	(480500.0,	3636400.0,	104.2,	0.0);
(	480550.0,	3636400.0,	82.6,	0.0);	(480600.0,	3636400.0,	83.6,	0.0);
(	480650.0,	3636400.0,	88.5,	0.0);	(480700.0,	3636400.0,	76.0,	0.0);
(	480750.0,	3636400.0,	67.1,	0.0);	(480800.0,	3636400.0,	88.7,	0.0);
(	480850.0,	3636400.0,	93.7,	0.0);	(480900.0,	3636400.0,	93.9,	0.0);
(	479700.0,	3636450.0,	107.9,	0.0);	(479750.0,	3636450.0,	107.9,	0.0);
(	479800.0,	3636450.0,	107.9,	0.0);	(479850.0,	3636450.0,	107.9,	0.0);
(	479900.0,	3636450.0,	107.0,	0.0);	(479950.0,	3636450.0,	106.1,	0.0);
(	480000.0,	3636450.0,	106.1,	0.0);	(480050.0,	3636450.0,	107.0,	0.0);
(	480100.0,	3636450.0,	107.0,	0.0);	(480150.0,	3636450.0,	107.9,	0.0);
(	480200.0,	3636450.0,	109.1,	0.0);	(480250.0,	3636450.0,	109.1,	0.0);
(	480300.0,	3636450.0,	110.0,	0.0);	(480350.0,	3636450.0,	110.0,	0.0);
(	480400.0,	3636450.0,	110.9,	0.0);	(480450.0,	3636450.0,	110.9,	0.0);
(	480500.0,	3636450.0,	98.3,	0.0);	(480550.0,	3636450.0,	83.7,	0.0);
(	480600.0,	3636450.0,	100.9,	0.0);	(480650.0,	3636450.0,	103.4,	0.0);
(	480700.0,	3636450.0,	84.4,	0.0);	(480750.0,	3636450.0,	67.1,	0.0);
(	480800.0,	3636450.0,	81.4,	0.0);	(480850.0,	3636450.0,	92.7,	0.0);
(	480900.0,	3636450.0,	93.9,	0.0);	(479700.0,	3636500.0,	109.1,	0.0);
(	479750.0,	3636500.0,	109.1,	0.0);	(479800.0,	3636500.0,	109.0,	0.0);
(	479850.0,	3636500.0,	107.9,	0.0);	(479900.0,	3636500.0,	107.7,	0.0);
(	479950.0,	3636500.0,	108.4,	0.0);	(480250.0,	3636500.0,	110.0,	0.0);
(	480300.0,	3636500.0,	110.0,	0.0);	(480350.0,	3636500.0,	110.8,	0.0);
(	480400.0,	3636500.0,	110.9,	0.0);	(480450.0,	3636500.0,	108.3,	0.0);
(	480500.0,	3636500.0,	92.0,	0.0);	(480550.0,	3636500.0,	91.4,	0.0);
(	480600.0,	3636500.0,	99.7,	0.0);	(480650.0,	3636500.0,	91.7,	0.0);
(	480700.0,	3636500.0,	81.3,	0.0);	(480750.0,	3636500.0,	70.7,	0.0);
(	480800.0,	3636500.0,	74.2,	0.0);	(480850.0,	3636500.0,	90.7,	0.0);
(	480900.0,	3636500.0,	93.3,	0.0);	(479700.0,	3636550.0,	110.0,	0.0);
(	479750.0,	3636550.0,	110.0,	0.0);	(479800.0,	3636550.0,	109.3,	0.0);
(	479850.0,	3636550.0,	109.1,	0.0);	(479900.0,	3636550.0,	108.8,	0.0);
(	479950.0,	3636550.0,	109.2,	0.0);	(480400.0,	3636550.0,	112.0,	0.0);
(	480450.0,	3636550.0,	104.3,	0.0);	(480500.0,	3636550.0,	89.8,	0.0);
(	480550.0,	3636550.0,	100.6,	0.0);	(480600.0,	3636550.0,	103.6,	0.0);
(	480650.0,	3636550.0,	90.7,	0.0);	(480700.0,	3636550.0,	90.7,	0.0);
(	480750.0,	3636550.0,	79.7,	0.0);	(480800.0,	3636550.0,	71.5,	0.0);
(	480850.0,	3636550.0,	85.4,	0.0);	(480900.0,	3636550.0,	93.9,	0.0);
(	479700.0,	3636600.0,	110.0,	0.0);	(479750.0,	3636600.0,	110.0,	0.0);
(	479800.0,	3636600.0,	110.0,	0.0);	(479850.0,	3636600.0,	109.1,	0.0);
(	479900.0,	3636600.0,	109.1,	0.0);	(479950.0,	3636600.0,	109.1,	0.0);
(	480700.0,	3636600.0,	104.4,	0.0);	(480750.0,	3636600.0,	81.1,	0.0);

```
( 480800.0, 3636600.0,      73.7,       0.0);        ( 480850.0, 3636600.0,      75.7,       0.0);
( 480900.0, 3636600.0,      93.0,       0.0);        ( 479700.0, 3636650.0,     109.1,       0.0);
( 479750.0, 3636650.0,     109.4,       0.0);        ( 479800.0, 3636650.0,     109.3,       0.0);
( 479850.0, 3636650.0,     109.1,       0.0);        ( 479900.0, 3636650.0,     108.3,       0.0);
( 479950.0, 3636650.0,     109.1,       0.0);        ( 480700.0, 3636650.0,      93.2,       0.0);
```

CONC URBAN ELEV DFAULT

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

(480750.0,	3636650.0,	93.4,	0.0);	(480800.0,	3636650.0,	78.8,	0.0);
(480850.0,	3636650.0,	72.0,	0.0);	(480900.0,	3636650.0,	84.6,	0.0);
(479700.0,	3636700.0,	107.6,	0.0);	(479750.0,	3636700.0,	107.8,	0.0);
(479800.0,	3636700.0,	108.4,	0.0);	(479850.0,	3636700.0,	107.6,	0.0);
(479900.0,	3636700.0,	107.6,	0.0);	(479950.0,	3636700.0,	107.6,	0.0);
(480700.0,	3636700.0,	104.9,	0.0);	(480750.0,	3636700.0,	93.7,	0.0);
(480800.0,	3636700.0,	82.9,	0.0);	(480850.0,	3636700.0,	72.1,	0.0);
(480900.0,	3636700.0,	75.4,	0.0);	(479700.0,	3636750.0,	106.1,	0.0);
(479750.0,	3636750.0,	107.6,	0.0);	(479800.0,	3636750.0,	107.6,	0.0);
(479850.0,	3636750.0,	106.1,	0.0);	(479900.0,	3636750.0,	106.1,	0.0);
(479950.0,	3636750.0,	105.3,	0.0);	(480700.0,	3636750.0,	108.0,	0.0);
(480750.0,	3636750.0,	110.0,	0.0);	(480800.0,	3636750.0,	96.0,	0.0);
(480850.0,	3636750.0,	77.7,	0.0);	(480900.0,	3636750.0,	71.9,	0.0);
(479700.0,	3636800.0,	105.3,	0.0);	(479750.0,	3636800.0,	107.0,	0.0);
(479800.0,	3636800.0,	107.0,	0.0);	(479850.0,	3636800.0,	103.3,	0.0);
(479900.0,	3636800.0,	103.4,	0.0);	(479950.0,	3636800.0,	106.7,	0.0);
(480700.0,	3636800.0,	110.8,	0.0);	(480750.0,	3636800.0,	106.0,	0.0);
(480800.0,	3636800.0,	96.9,	0.0);	(480850.0,	3636800.0,	82.6,	0.0);
(480900.0,	3636800.0,	74.6,	0.0);	(479700.0,	3636850.0,	95.1,	0.0);
(479750.0,	3636850.0,	102.0,	0.0);	(479800.0,	3636850.0,	104.2,	0.0);
(479850.0,	3636850.0,	102.7,	0.0);	(479900.0,	3636850.0,	104.3,	0.0);
(479950.0,	3636850.0,	108.1,	0.0);	(480650.0,	3636850.0,	115.0,	0.0);
(480700.0,	3636850.0,	107.1,	0.0);	(480750.0,	3636850.0,	92.0,	0.0);
(480800.0,	3636850.0,	88.3,	0.0);	(480850.0,	3636850.0,	84.4,	0.0);
(480900.0,	3636850.0,	80.0,	0.0);	(479700.0,	3636900.0,	100.0,	0.0);
(479750.0,	3636900.0,	96.6,	0.0);	(479800.0,	3636900.0,	96.7,	0.0);
(479850.0,	3636900.0,	102.1,	0.0);	(479900.0,	3636900.0,	104.5,	0.0);
(479950.0,	3636900.0,	107.7,	0.0);	(480650.0,	3636900.0,	114.4,	0.0);
(480700.0,	3636900.0,	103.6,	0.0);	(480750.0,	3636900.0,	102.1,	0.0);
(480800.0,	3636900.0,	104.0,	0.0);	(480850.0,	3636900.0,	94.6,	0.0);
(480900.0,	3636900.0,	85.0,	0.0);	(479700.0,	3636950.0,	104.5,	0.0);
(479750.0,	3636950.0,	103.5,	0.0);	(479800.0,	3636950.0,	103.0,	0.0);
(479850.0,	3636950.0,	103.0,	0.0);	(479900.0,	3636950.0,	104.0,	0.0);
(479950.0,	3636950.0,	106.7,	0.0);	(480650.0,	3636950.0,	114.8,	0.0);
(480700.0,	3636950.0,	111.6,	0.0);	(480750.0,	3636950.0,	111.7,	0.0);
(480800.0,	3636950.0,	108.7,	0.0);	(480850.0,	3636950.0,	98.4,	0.0);
(480900.0,	3636950.0,	89.7,	0.0);	(479700.0,	3637000.0,	106.7,	0.0);
(479750.0,	3637000.0,	106.4,	0.0);	(479800.0,	3637000.0,	104.9,	0.0);
(479850.0,	3637000.0,	103.6,	0.0);	(479900.0,	3637000.0,	106.0,	0.0);
(479950.0,	3637000.0,	108.0,	0.0);	(480650.0,	3637000.0,	114.8,	0.0);

```
( 480700.0, 3637000.0,     107.5,       0.0);          ( 480750.0, 3637000.0,     100.7,       0.0);
( 480800.0, 3637000.0,      96.2,       0.0);          ( 480850.0, 3637000.0,      95.3,       0.0);
( 480900.0, 3637000.0,      88.0,       0.0);          ( 479700.0, 3637050.0,     109.1,       0.0);
( 479750.0, 3637050.0,     108.3,       0.0);          ( 479800.0, 3637050.0,     107.0,       0.0);
( 479850.0, 3637050.0,     106.1,       0.0);          ( 479900.0, 3637050.0,     107.6,       0.0);
```

CONC URBAN ELEV DFAULT

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

(479950.0,	3637050.0,	109.4,	0.0);	(480000.0,	3637050.0,	110.0,	0.0);
(480050.0,	3637050.0,	110.6,	0.0);	(480100.0,	3637050.0,	111.3,	0.0);
(480650.0,	3637050.0,	112.7,	0.0);	(480700.0,	3637050.0,	104.2,	0.0);
(480750.0,	3637050.0,	103.9,	0.0);	(480800.0,	3637050.0,	95.6,	0.0);
(480850.0,	3637050.0,	86.9,	0.0);	(480900.0,	3637050.0,	85.0,	0.0);
(479700.0,	3637100.0,	110.0,	0.0);	(479750.0,	3637100.0,	109.4,	0.0);
(479800.0,	3637100.0,	108.4,	0.0);	(479850.0,	3637100.0,	107.6,	0.0);
(479900.0,	3637100.0,	108.4,	0.0);	(479950.0,	3637100.0,	109.4,	0.0);
(480000.0,	3637100.0,	110.0,	0.0);	(480050.0,	3637100.0,	110.9,	0.0);
(480100.0,	3637100.0,	111.9,	0.0);	(480150.0,	3637100.0,	113.1,	0.0);
(480200.0,	3637100.0,	113.9,	0.0);	(480650.0,	3637100.0,	114.8,	0.0);
(480700.0,	3637100.0,	112.7,	0.0);	(480750.0,	3637100.0,	104.3,	0.0);
(480800.0,	3637100.0,	95.9,	0.0);	(480850.0,	3637100.0,	98.2,	0.0);
(480900.0,	3637100.0,	85.6,	0.0);	(479700.0,	3637150.0,	109.1,	0.0);
(479750.0,	3637150.0,	109.1,	0.0);	(479800.0,	3637150.0,	109.1,	0.0);
(479850.0,	3637150.0,	107.9,	0.0);	(479900.0,	3637150.0,	108.8,	0.0);
(479950.0,	3637150.0,	110.0,	0.0);	(480000.0,	3637150.0,	110.9,	0.0);
(480050.0,	3637150.0,	111.6,	0.0);	(480100.0,	3637150.0,	112.3,	0.0);
(480150.0,	3637150.0,	113.1,	0.0);	(480200.0,	3637150.0,	114.2,	0.0);
(480250.0,	3637150.0,	115.3,	0.0);	(480300.0,	3637150.0,	117.0,	0.0);
(480350.0,	3637150.0,	118.0,	0.0);	(480400.0,	3637150.0,	119.5,	0.0);
(480450.0,	3637150.0,	121.0,	0.0);	(480500.0,	3637150.0,	121.9,	0.0);
(480550.0,	3637150.0,	121.6,	0.0);	(480600.0,	3637150.0,	119.3,	0.0);
(480650.0,	3637150.0,	116.2,	0.0);	(480700.0,	3637150.0,	108.0,	0.0);
(480750.0,	3637150.0,	101.8,	0.0);	(480800.0,	3637150.0,	108.8,	0.0);
(480850.0,	3637150.0,	105.4,	0.0);	(480900.0,	3637150.0,	92.4,	0.0);
(479700.0,	3637200.0,	109.1,	0.0);	(479750.0,	3637200.0,	109.1,	0.0);
(479800.0,	3637200.0,	109.1,	0.0);	(479850.0,	3637200.0,	109.1,	0.0);
(479900.0,	3637200.0,	109.1,	0.0);	(479950.0,	3637200.0,	110.0,	0.0);
(480000.0,	3637200.0,	110.9,	0.0);	(480050.0,	3637200.0,	111.6,	0.0);
(480100.0,	3637200.0,	112.3,	0.0);	(480150.0,	3637200.0,	114.0,	0.0);
(480200.0,	3637200.0,	114.6,	0.0);	(480250.0,	3637200.0,	115.3,	0.0);
(480300.0,	3637200.0,	117.0,	0.0);	(480350.0,	3637200.0,	118.6,	0.0);
(480400.0,	3637200.0,	120.4,	0.0);	(480450.0,	3637200.0,	121.9,	0.0);
(480500.0,	3637200.0,	122.7,	0.0);	(480550.0,	3637200.0,	121.6,	0.0);
(480600.0,	3637200.0,	120.1,	0.0);	(480650.0,	3637200.0,	117.3,	0.0);
(480700.0,	3637200.0,	116.1,	0.0);	(480750.0,	3637200.0,	116.1,	0.0);
(480800.0,	3637200.0,	117.0,	0.0);	(480850.0,	3637200.0,	105.5,	0.0);
(480900.0,	3637200.0,	98.1,	0.0);	(479700.0,	3637250.0,	109.1,	0.0);
(479750.0,	3637250.0,	109.1,	0.0);	(479800.0,	3637250.0,	109.1,	0.0);
(479850.0,	3637250.0,	109.1,	0.0);	(479900.0,	3637250.0,	109.1,	0.0);

```
( 479950.0, 3637250.0,     110.2,       0.0);        ( 480000.0, 3637250.0,     110.9,       0.0);
( 480050.0, 3637250.0,     111.9,       0.0);        ( 480100.0, 3637250.0,     113.3,       0.0);
( 480150.0, 3637250.0,     114.0,       0.0);        ( 480200.0, 3637250.0,     114.9,       0.0);
( 480250.0, 3637250.0,     116.1,       0.0);        ( 480300.0, 3637250.0,     118.0,       0.0);
```

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

(480350.0,	3637250.0,	118.9,	0.0);	(480400.0,	3637250.0,	121.0,	0.0);
(480450.0,	3637250.0,	123.1,	0.0);	(480500.0,	3637250.0,	123.1,	0.0);
(480550.0,	3637250.0,	123.1,	0.0);	(480600.0,	3637250.0,	121.0,	0.0);
(480650.0,	3637250.0,	120.1,	0.0);	(480700.0,	3637250.0,	118.0,	0.0);
(480750.0,	3637250.0,	116.1,	0.0);	(480800.0,	3637250.0,	116.1,	0.0);
(480850.0,	3637250.0,	107.9,	0.0);	(480900.0,	3637250.0,	89.9,	0.0);
(479700.0,	3637300.0,	104.5,	0.0);	(479750.0,	3637300.0,	104.2,	0.0);
(479800.0,	3637300.0,	104.5,	0.0);	(479850.0,	3637300.0,	107.0,	0.0);
(479900.0,	3637300.0,	109.7,	0.0);	(479950.0,	3637300.0,	110.9,	0.0);
(480000.0,	3637300.0,	111.9,	0.0);	(480050.0,	3637300.0,	112.4,	0.0);
(480100.0,	3637300.0,	113.3,	0.0);	(480150.0,	3637300.0,	114.0,	0.0);
(480200.0,	3637300.0,	115.5,	0.0);	(480250.0,	3637300.0,	116.3,	0.0);
(480300.0,	3637300.0,	117.7,	0.0);	(480350.0,	3637300.0,	118.6,	0.0);
(480400.0,	3637300.0,	120.6,	0.0);	(480450.0,	3637300.0,	121.6,	0.0);
(480500.0,	3637300.0,	122.5,	0.0);	(480550.0,	3637300.0,	122.5,	0.0);
(480600.0,	3637300.0,	119.7,	0.0);	(480650.0,	3637300.0,	115.5,	0.0);
(480700.0,	3637300.0,	115.6,	0.0);	(480750.0,	3637300.0,	114.4,	0.0);
(480800.0,	3637300.0,	104.7,	0.0);	(480850.0,	3637300.0,	96.3,	0.0);
(480900.0,	3637300.0,	90.6,	0.0);	(479700.0,	3637350.0,	104.9,	0.0);
(479750.0,	3637350.0,	103.3,	0.0);	(479800.0,	3637350.0,	104.2,	0.0);
(479850.0,	3637350.0,	107.0,	0.0);	(479900.0,	3637350.0,	109.3,	0.0);
(479950.0,	3637350.0,	110.9,	0.0);	(480000.0,	3637350.0,	110.9,	0.0);
(480050.0,	3637350.0,	111.6,	0.0);	(480100.0,	3637350.0,	113.1,	0.0);
(480150.0,	3637350.0,	114.0,	0.0);	(480200.0,	3637350.0,	114.9,	0.0);
(480250.0,	3637350.0,	116.4,	0.0);	(480300.0,	3637350.0,	118.0,	0.0);
(480350.0,	3637350.0,	119.7,	0.0);	(480400.0,	3637350.0,	121.7,	0.0);
(480450.0,	3637350.0,	121.9,	0.0);	(480500.0,	3637350.0,	123.1,	0.0);
(480550.0,	3637350.0,	123.0,	0.0);	(480600.0,	3637350.0,	118.9,	0.0);
(480650.0,	3637350.0,	115.0,	0.0);	(480700.0,	3637350.0,	104.7,	0.0);
(480750.0,	3637350.0,	99.1,	0.0);	(480800.0,	3637350.0,	98.0,	0.0);
(480850.0,	3637350.0,	103.6,	0.0);	(480900.0,	3637350.0,	100.0,	0.0);
(479700.0,	3637400.0,	101.3,	0.0);	(479750.0,	3637400.0,	101.6,	0.0);
(479800.0,	3637400.0,	103.8,	0.0);	(479850.0,	3637400.0,	104.2,	0.0);
(479900.0,	3637400.0,	106.4,	0.0);	(479950.0,	3637400.0,	108.8,	0.0);
(480000.0,	3637400.0,	110.0,	0.0);	(480050.0,	3637400.0,	111.6,	0.0);
(480100.0,	3637400.0,	113.1,	0.0);	(480150.0,	3637400.0,	114.0,	0.0);
(480200.0,	3637400.0,	115.3,	0.0);	(480250.0,	3637400.0,	116.4,	0.0);
(480300.0,	3637400.0,	118.0,	0.0);	(480350.0,	3637400.0,	119.7,	0.0);
(480400.0,	3637400.0,	121.3,	0.0);	(480450.0,	3637400.0,	125.6,	0.0);
(480500.0,	3637400.0,	128.0,	0.0);	(480550.0,	3637400.0,	126.2,	0.0);
(480600.0,	3637400.0,	122.1,	0.0);	(480650.0,	3637400.0,	118.3,	0.0);

```
( 480700.0, 3637400.0,     113.4,       0.0);          ( 480750.0, 3637400.0,     100.4,       0.0);
( 480800.0, 3637400.0,     112.3,       0.0);          ( 480850.0, 3637400.0,     111.7,       0.0);
( 480900.0, 3637400.0,     102.1,       0.0);          ( 478900.0, 3635500.0,      96.1,       0.0);
( 479000.0, 3635500.0,      90.6,       0.0);          ( 479100.0, 3635500.0,      97.3,       0.0);
```

CONC URBAN ELEV DFAULT

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

(479200.0,	3635500.0,	82.5,	0.0);	(479300.0,	3635500.0,	84.1,	0.0);
(479400.0,	3635500.0,	79.3,	0.0);	(479500.0,	3635500.0,	78.3,	0.0);
(479600.0,	3635500.0,	68.8,	0.0);	(479700.0,	3635500.0,	60.0,	0.0);
(479800.0,	3635500.0,	58.5,	0.0);	(479900.0,	3635500.0,	55.4,	0.0);
(480000.0,	3635500.0,	53.9,	0.0);	(480100.0,	3635500.0,	57.9,	0.0);
(480200.0,	3635500.0,	64.7,	0.0);	(480300.0,	3635500.0,	76.7,	0.0);
(480400.0,	3635500.0,	95.7,	0.0);	(480500.0,	3635500.0,	105.4,	0.0);
(480600.0,	3635500.0,	96.3,	0.0);	(480700.0,	3635500.0,	77.3,	0.0);
(480800.0,	3635500.0,	98.8,	0.0);	(480900.0,	3635500.0,	79.8,	0.0);
(481000.0,	3635500.0,	111.5,	0.0);	(481100.0,	3635500.0,	104.9,	0.0);
(481200.0,	3635500.0,	100.4,	0.0);	(481300.0,	3635500.0,	77.2,	0.0);
(481400.0,	3635500.0,	84.6,	0.0);	(481500.0,	3635500.0,	99.7,	0.0);
(481600.0,	3635500.0,	109.2,	0.0);	(481700.0,	3635500.0,	105.5,	0.0);
(478900.0,	3635600.0,	104.2,	0.0);	(479000.0,	3635600.0,	96.7,	0.0);
(479100.0,	3635600.0,	101.9,	0.0);	(479200.0,	3635600.0,	72.8,	0.0);
(479300.0,	3635600.0,	91.5,	0.0);	(479400.0,	3635600.0,	83.3,	0.0);
(479500.0,	3635600.0,	81.8,	0.0);	(479600.0,	3635600.0,	77.9,	0.0);
(479700.0,	3635600.0,	62.4,	0.0);	(479800.0,	3635600.0,	79.5,	0.0);
(479900.0,	3635600.0,	73.8,	0.0);	(480000.0,	3635600.0,	62.1,	0.0);
(480100.0,	3635600.0,	59.8,	0.0);	(480200.0,	3635600.0,	58.9,	0.0);
(480300.0,	3635600.0,	56.7,	0.0);	(480400.0,	3635600.0,	75.2,	0.0);
(480500.0,	3635600.0,	84.0,	0.0);	(480600.0,	3635600.0,	74.9,	0.0);
(480700.0,	3635600.0,	64.6,	0.0);	(480800.0,	3635600.0,	65.2,	0.0);
(480900.0,	3635600.0,	73.5,	0.0);	(481000.0,	3635600.0,	70.7,	0.0);
(481100.0,	3635600.0,	71.1,	0.0);	(481200.0,	3635600.0,	73.7,	0.0);
(481300.0,	3635600.0,	84.7,	0.0);	(481400.0,	3635600.0,	99.4,	0.0);
(481500.0,	3635600.0,	105.4,	0.0);	(481600.0,	3635600.0,	110.0,	0.0);
(481700.0,	3635600.0,	108.6,	0.0);	(478900.0,	3635700.0,	97.6,	0.0);
(479000.0,	3635700.0,	100.3,	0.0);	(479100.0,	3635700.0,	93.0,	0.0);
(479200.0,	3635700.0,	91.6,	0.0);	(479300.0,	3635700.0,	99.7,	0.0);
(479400.0,	3635700.0,	86.0,	0.0);	(479500.0,	3635700.0,	89.9,	0.0);
(479600.0,	3635700.0,	86.3,	0.0);	(479700.0,	3635700.0,	79.9,	0.0);
(479800.0,	3635700.0,	90.7,	0.0);	(479900.0,	3635700.0,	87.6,	0.0);
(480000.0,	3635700.0,	78.0,	0.0);	(480100.0,	3635700.0,	67.4,	0.0);
(480200.0,	3635700.0,	63.7,	0.0);	(480300.0,	3635700.0,	64.9,	0.0);
(480400.0,	3635700.0,	56.7,	0.0);	(480500.0,	3635700.0,	63.3,	0.0);
(480600.0,	3635700.0,	73.2,	0.0);	(480700.0,	3635700.0,	80.0,	0.0);
(480800.0,	3635700.0,	83.3,	0.0);	(480900.0,	3635700.0,	79.9,	0.0);
(481000.0,	3635700.0,	85.3,	0.0);	(481100.0,	3635700.0,	88.1,	0.0);
(481200.0,	3635700.0,	86.9,	0.0);	(481300.0,	3635700.0,	89.3,	0.0);
(481400.0,	3635700.0,	101.4,	0.0);	(481500.0,	3635700.0,	107.9,	0.0);

```
( 481600.0, 3635700.0,     109.0,       0.0);        ( 481700.0, 3635700.0,     104.9,       0.0);
( 478900.0, 3635800.0,      93.8,       0.0);        ( 479000.0, 3635800.0,      99.9,       0.0);
( 479100.0, 3635800.0,      95.1,       0.0);        ( 479200.0, 3635800.0,      88.2,       0.0);
( 479300.0, 3635800.0,     101.9,       0.0);        ( 479400.0, 3635800.0,     104.2,       0.0);
```

**MODELOPTs:
CONC URBAN ELEV DFAULT

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

(	479500.0,	3635800.0,	101.1,	0.0);	(479600.0,	3635800.0,	91.2,	0.0);
(	479700.0,	3635800.0,	82.0,	0.0);	(479800.0,	3635800.0,	105.3,	0.0);
(	479900.0,	3635800.0,	100.8,	0.0);	(480000.0,	3635800.0,	73.4,	0.0);
(	480100.0,	3635800.0,	81.7,	0.0);	(480200.0,	3635800.0,	65.3,	0.0);
(	480300.0,	3635800.0,	76.6,	0.0);	(480400.0,	3635800.0,	64.7,	0.0);
(	480500.0,	3635800.0,	56.9,	0.0);	(480600.0,	3635800.0,	69.4,	0.0);
(	480700.0,	3635800.0,	88.6,	0.0);	(480800.0,	3635800.0,	90.5,	0.0);
(	480900.0,	3635800.0,	90.4,	0.0);	(481000.0,	3635800.0,	83.3,	0.0);
(	481100.0,	3635800.0,	69.2,	0.0);	(481200.0,	3635800.0,	71.9,	0.0);
(	481300.0,	3635800.0,	76.3,	0.0);	(481400.0,	3635800.0,	69.5,	0.0);
(	481500.0,	3635800.0,	70.4,	0.0);	(481600.0,	3635800.0,	71.1,	0.0);
(	481700.0,	3635800.0,	75.2,	0.0);	(478900.0,	3635900.0,	89.3,	0.0);
(	479000.0,	3635900.0,	102.1,	0.0);	(479100.0,	3635900.0,	100.4,	0.0);
(	479200.0,	3635900.0,	98.2,	0.0);	(479300.0,	3635900.0,	103.6,	0.0);
(	479400.0,	3635900.0,	104.9,	0.0);	(479500.0,	3635900.0,	105.8,	0.0);
(	479600.0,	3635900.0,	91.0,	0.0);	(479700.0,	3635900.0,	99.0,	0.0);
(	479800.0,	3635900.0,	105.1,	0.0);	(479900.0,	3635900.0,	95.2,	0.0);
(	480000.0,	3635900.0,	83.6,	0.0);	(480100.0,	3635900.0,	89.0,	0.0);
(	480200.0,	3635900.0,	73.6,	0.0);	(480300.0,	3635900.0,	87.7,	0.0);
(	480400.0,	3635900.0,	72.7,	0.0);	(480500.0,	3635900.0,	68.3,	0.0);
(	480600.0,	3635900.0,	62.4,	0.0);	(480700.0,	3635900.0,	60.7,	0.0);
(	480800.0,	3635900.0,	61.7,	0.0);	(480900.0,	3635900.0,	60.7,	0.0);
(	481000.0,	3635900.0,	63.7,	0.0);	(481100.0,	3635900.0,	67.1,	0.0);
(	481200.0,	3635900.0,	68.0,	0.0);	(481300.0,	3635900.0,	70.9,	0.0);
(	481400.0,	3635900.0,	72.0,	0.0);	(481500.0,	3635900.0,	74.0,	0.0);
(	481600.0,	3635900.0,	70.9,	0.0);	(481700.0,	3635900.0,	69.6,	0.0);
(	478900.0,	3636000.0,	98.8,	0.0);	(479000.0,	3636000.0,	104.5,	0.0);
(	479100.0,	3636000.0,	104.9,	0.0);	(479200.0,	3636000.0,	104.2,	0.0);
(	479300.0,	3636000.0,	104.9,	0.0);	(479400.0,	3636000.0,	104.9,	0.0);
(	479500.0,	3636000.0,	105.4,	0.0);	(479600.0,	3636000.0,	98.0,	0.0);
(	479700.0,	3636000.0,	106.1,	0.0);	(479800.0,	3636000.0,	104.5,	0.0);
(	479900.0,	3636000.0,	86.0,	0.0);	(480000.0,	3636000.0,	100.0,	0.0);
(	480100.0,	3636000.0,	88.4,	0.0);	(480200.0,	3636000.0,	87.0,	0.0);
(	480300.0,	3636000.0,	91.1,	0.0);	(480400.0,	3636000.0,	92.4,	0.0);
(	480500.0,	3636000.0,	74.3,	0.0);	(480600.0,	3636000.0,	67.1,	0.0);
(	480700.0,	3636000.0,	70.7,	0.0);	(480800.0,	3636000.0,	67.7,	0.0);
(	480900.0,	3636000.0,	74.1,	0.0);	(481000.0,	3636000.0,	68.3,	0.0);
(	481100.0,	3636000.0,	78.3,	0.0);	(481200.0,	3636000.0,	82.9,	0.0);
(	481300.0,	3636000.0,	84.1,	0.0);	(481400.0,	3636000.0,	78.3,	0.0);
(	481500.0,	3636000.0,	82.9,	0.0);	(481600.0,	3636000.0,	82.6,	0.0);
(	481700.0,	3636000.0,	80.4,	0.0);	(478900.0,	3636100.0,	71.2,	0.0);

```
( 479000.0, 3636100.0,      83.2,       0.0);          ( 479100.0, 3636100.0,      88.7,       0.0);
( 479200.0, 3636100.0,     103.3,       0.0);          ( 479300.0, 3636100.0,     105.3,       0.0);
( 479400.0, 3636100.0,     102.1,       0.0);          ( 479500.0, 3636100.0,     106.4,       0.0);
( 479600.0, 3636100.0,     106.6,       0.0);          ( 479700.0, 3636100.0,     107.0,       0.0);
```

**MODELOPTs:
CONC URBAN ELEV DFAULT

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

(	479800.0,	3636100.0,	98.5,	0.0);	(479900.0,	3636100.0,	104.1,	0.0);
(	480000.0,	3636100.0,	96.7,	0.0);	(480100.0,	3636100.0,	77.6,	0.0);
(	480200.0,	3636100.0,	88.7,	0.0);	(480300.0,	3636100.0,	103.6,	0.0);
(	480400.0,	3636100.0,	100.9,	0.0);	(480500.0,	3636100.0,	85.9,	0.0);
(	480600.0,	3636100.0,	72.6,	0.0);	(480700.0,	3636100.0,	79.3,	0.0);
(	480800.0,	3636100.0,	79.6,	0.0);	(480900.0,	3636100.0,	87.0,	0.0);
(	481000.0,	3636100.0,	73.2,	0.0);	(481100.0,	3636100.0,	87.6,	0.0);
(	481200.0,	3636100.0,	83.3,	0.0);	(481300.0,	3636100.0,	96.3,	0.0);
(	481400.0,	3636100.0,	90.5,	0.0);	(481500.0,	3636100.0,	92.7,	0.0);
(	481600.0,	3636100.0,	100.0,	0.0);	(481700.0,	3636100.0,	93.8,	0.0);
(	478900.0,	3636200.0,	86.0,	0.0);	(479000.0,	3636200.0,	84.1,	0.0);
(	479100.0,	3636200.0,	78.6,	0.0);	(479200.0,	3636200.0,	78.0,	0.0);
(	479300.0,	3636200.0,	88.5,	0.0);	(479400.0,	3636200.0,	92.7,	0.0);
(	479500.0,	3636200.0,	105.0,	0.0);	(479600.0,	3636200.0,	107.8,	0.0);
(	479700.0,	3636200.0,	107.0,	0.0);	(479800.0,	3636200.0,	107.0,	0.0);
(	479900.0,	3636200.0,	101.9,	0.0);	(480000.0,	3636200.0,	88.8,	0.0);
(	480100.0,	3636200.0,	85.3,	0.0);	(480200.0,	3636200.0,	95.2,	0.0);
(	480300.0,	3636200.0,	100.7,	0.0);	(480400.0,	3636200.0,	107.2,	0.0);
(	480500.0,	3636200.0,	98.6,	0.0);	(480600.0,	3636200.0,	81.0,	0.0);
(	480700.0,	3636200.0,	74.2,	0.0);	(480800.0,	3636200.0,	91.1,	0.0);
(	480900.0,	3636200.0,	93.0,	0.0);	(481000.0,	3636200.0,	84.9,	0.0);
(	481100.0,	3636200.0,	89.2,	0.0);	(481200.0,	3636200.0,	87.8,	0.0);
(	481300.0,	3636200.0,	89.3,	0.0);	(481400.0,	3636200.0,	99.4,	0.0);
(	481500.0,	3636200.0,	99.0,	0.0);	(481600.0,	3636200.0,	106.4,	0.0);
(	481700.0,	3636200.0,	106.9,	0.0);	(478900.0,	3636300.0,	95.7,	0.0);
(	479000.0,	3636300.0,	92.0,	0.0);	(479100.0,	3636300.0,	89.9,	0.0);
(	479200.0,	3636300.0,	97.3,	0.0);	(479300.0,	3636300.0,	91.7,	0.0);
(	479400.0,	3636300.0,	99.1,	0.0);	(479500.0,	3636300.0,	90.0,	0.0);
(	479600.0,	3636300.0,	103.3,	0.0);	(481000.0,	3636300.0,	92.7,	0.0);
(	481100.0,	3636300.0,	75.0,	0.0);	(481200.0,	3636300.0,	100.0,	0.0);
(	481300.0,	3636300.0,	97.4,	0.0);	(481400.0,	3636300.0,	85.4,	0.0);
(	481500.0,	3636300.0,	103.0,	0.0);	(481600.0,	3636300.0,	108.6,	0.0);
(	481700.0,	3636300.0,	111.9,	0.0);	(478900.0,	3636400.0,	101.6,	0.0);
(	479000.0,	3636400.0,	97.1,	0.0);	(479100.0,	3636400.0,	98.1,	0.0);
(	479200.0,	3636400.0,	104.2,	0.0);	(479300.0,	3636400.0,	104.0,	0.0);
(	479400.0,	3636400.0,	107.0,	0.0);	(479500.0,	3636400.0,	106.1,	0.0);
(	479600.0,	3636400.0,	102.1,	0.0);	(481000.0,	3636400.0,	91.8,	0.0);
(	481100.0,	3636400.0,	83.9,	0.0);	(481200.0,	3636400.0,	84.2,	0.0);
(	481300.0,	3636400.0,	100.4,	0.0);	(481400.0,	3636400.0,	101.2,	0.0);
(	481500.0,	3636400.0,	97.0,	0.0);	(481600.0,	3636400.0,	103.4,	0.0);
(	481700.0,	3636400.0,	107.7,	0.0);	(478900.0,	3636500.0,	104.9,	0.0);

```
( 479000.0, 3636500.0,      98.6,       0.0);        ( 479100.0, 3636500.0,     102.6,       0.0);
( 479200.0, 3636500.0,     106.4,       0.0);        ( 479300.0, 3636500.0,     107.7,       0.0);
( 479400.0, 3636500.0,     107.9,       0.0);        ( 479500.0, 3636500.0,     109.1,       0.0);
( 479600.0, 3636500.0,     108.7,       0.0);        ( 481000.0, 3636500.0,      93.9,       0.0);
```

CONC URBAN ELEV DFAULT

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

(481100.0,	3636500.0,	92.6,	0.0);	(481200.0,	3636500.0,	87.0,	0.0);
(481300.0,	3636500.0,	92.9,	0.0);	(481400.0,	3636500.0,	99.7,	0.0);
(481500.0,	3636500.0,	105.3,	0.0);	(481600.0,	3636500.0,	105.5,	0.0);
(481700.0,	3636500.0,	107.1,	0.0);	(478900.0,	3636600.0,	104.9,	0.0);
(479000.0,	3636600.0,	105.4,	0.0);	(479100.0,	3636600.0,	102.1,	0.0);
(479200.0,	3636600.0,	106.4,	0.0);	(479300.0,	3636600.0,	100.4,	0.0);
(479400.0,	3636600.0,	98.1,	0.0);	(479500.0,	3636600.0,	106.7,	0.0);
(479600.0,	3636600.0,	109.7,	0.0);	(481000.0,	3636600.0,	91.7,	0.0);
(481100.0,	3636600.0,	95.1,	0.0);	(481200.0,	3636600.0,	93.9,	0.0);
(481300.0,	3636600.0,	86.0,	0.0);	(481400.0,	3636600.0,	97.3,	0.0);
(481500.0,	3636600.0,	107.9,	0.0);	(481600.0,	3636600.0,	111.9,	0.0);
(481700.0,	3636600.0,	110.9,	0.0);	(478900.0,	3636700.0,	101.5,	0.0);
(479000.0,	3636700.0,	98.5,	0.0);	(479100.0,	3636700.0,	94.3,	0.0);
(479200.0,	3636700.0,	93.3,	0.0);	(479300.0,	3636700.0,	88.6,	0.0);
(479400.0,	3636700.0,	94.3,	0.0);	(479500.0,	3636700.0,	91.0,	0.0);
(479600.0,	3636700.0,	104.7,	0.0);	(481000.0,	3636700.0,	90.9,	0.0);
(481100.0,	3636700.0,	94.7,	0.0);	(481200.0,	3636700.0,	97.3,	0.0);
(481300.0,	3636700.0,	96.8,	0.0);	(481400.0,	3636700.0,	93.4,	0.0);
(481500.0,	3636700.0,	101.4,	0.0);	(481600.0,	3636700.0,	109.3,	0.0);
(481700.0,	3636700.0,	110.7,	0.0);	(478900.0,	3636800.0,	88.3,	0.0);
(479000.0,	3636800.0,	83.1,	0.0);	(479100.0,	3636800.0,	84.3,	0.0);
(479200.0,	3636800.0,	92.0,	0.0);	(479300.0,	3636800.0,	101.8,	0.0);
(479400.0,	3636800.0,	103.3,	0.0);	(479500.0,	3636800.0,	102.3,	0.0);
(479600.0,	3636800.0,	96.0,	0.0);	(481000.0,	3636800.0,	91.7,	0.0);
(481100.0,	3636800.0,	95.2,	0.0);	(481200.0,	3636800.0,	100.3,	0.0);
(481300.0,	3636800.0,	100.3,	0.0);	(481400.0,	3636800.0,	101.9,	0.0);
(481500.0,	3636800.0,	99.0,	0.0);	(481600.0,	3636800.0,	100.9,	0.0);
(481700.0,	3636800.0,	108.6,	0.0);	(478900.0,	3636900.0,	83.6,	0.0);
(479000.0,	3636900.0,	93.6,	0.0);	(479100.0,	3636900.0,	96.9,	0.0);
(479200.0,	3636900.0,	103.9,	0.0);	(479300.0,	3636900.0,	105.7,	0.0);
(479400.0,	3636900.0,	109.1,	0.0);	(479500.0,	3636900.0,	108.7,	0.0);
(479600.0,	3636900.0,	103.6,	0.0);	(481000.0,	3636900.0,	76.9,	0.0);
(481100.0,	3636900.0,	91.0,	0.0);	(481200.0,	3636900.0,	103.9,	0.0);
(481300.0,	3636900.0,	106.4,	0.0);	(481400.0,	3636900.0,	113.7,	0.0);
(481500.0,	3636900.0,	109.1,	0.0);	(481600.0,	3636900.0,	103.6,	0.0);
(481700.0,	3636900.0,	108.1,	0.0);	(478900.0,	3637000.0,	85.1,	0.0);
(479000.0,	3637000.0,	90.8,	0.0);	(479100.0,	3637000.0,	97.0,	0.0);
(479200.0,	3637000.0,	103.3,	0.0);	(479300.0,	3637000.0,	105.8,	0.0);
(479400.0,	3637000.0,	110.0,	0.0);	(479500.0,	3637000.0,	110.9,	0.0);
(479600.0,	3637000.0,	109.4,	0.0);	(481000.0,	3637000.0,	82.8,	0.0);
(481100.0,	3637000.0,	76.2,	0.0);	(481200.0,	3637000.0,	96.0,	0.0);

```
( 481300.0, 3637000.0,      96.7,       0.0);          ( 481400.0, 3637000.0,     111.3,       0.0);
( 481500.0, 3637000.0,     108.3,       0.0);          ( 481600.0, 3637000.0,     102.3,       0.0);
( 481700.0, 3637000.0,     110.0,       0.0);          ( 478900.0, 3637100.0,      99.1,       0.0);
( 479000.0, 3637100.0,      97.1,       0.0);          ( 479100.0, 3637100.0,      95.0,       0.0);
```

**MODELOPTs:
CONC URBAN ELEV DFAULT

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

(479200.0,	3637100.0,	91.2,	0.0);	(479300.0,	3637100.0,	102.3,	0.0);
(479400.0,	3637100.0,	107.9,	0.0);	(479500.0,	3637100.0,	110.0,	0.0);
(479600.0,	3637100.0,	110.0,	0.0);	(481000.0,	3637100.0,	95.2,	0.0);
(481100.0,	3637100.0,	93.6,	0.0);	(481200.0,	3637100.0,	78.0,	0.0);
(481300.0,	3637100.0,	80.5,	0.0);	(481400.0,	3637100.0,	83.0,	0.0);
(481500.0,	3637100.0,	88.1,	0.0);	(481600.0,	3637100.0,	90.2,	0.0);
(481700.0,	3637100.0,	91.7,	0.0);	(478900.0,	3637200.0,	105.3,	0.0);
(479000.0,	3637200.0,	103.3,	0.0);	(479100.0,	3637200.0,	103.9,	0.0);
(479200.0,	3637200.0,	103.9,	0.0);	(479300.0,	3637200.0,	101.3,	0.0);
(479400.0,	3637200.0,	104.9,	0.0);	(479500.0,	3637200.0,	109.1,	0.0);
(479600.0,	3637200.0,	109.1,	0.0);	(481000.0,	3637200.0,	107.1,	0.0);
(481100.0,	3637200.0,	111.9,	0.0);	(481200.0,	3637200.0,	109.1,	0.0);
(481300.0,	3637200.0,	85.6,	0.0);	(481400.0,	3637200.0,	96.9,	0.0);
(481500.0,	3637200.0,	109.1,	0.0);	(481600.0,	3637200.0,	113.0,	0.0);
(481700.0,	3637200.0,	98.2,	0.0);	(478900.0,	3637300.0,	82.0,	0.0);
(479000.0,	3637300.0,	98.3,	0.0);	(479100.0,	3637300.0,	104.5,	0.0);
(479200.0,	3637300.0,	106.3,	0.0);	(479300.0,	3637300.0,	106.7,	0.0);
(479400.0,	3637300.0,	106.3,	0.0);	(479500.0,	3637300.0,	105.6,	0.0);
(479600.0,	3637300.0,	103.9,	0.0);	(481000.0,	3637300.0,	112.1,	0.0);
(481100.0,	3637300.0,	114.6,	0.0);	(481200.0,	3637300.0,	109.3,	0.0);
(481300.0,	3637300.0,	86.9,	0.0);	(481400.0,	3637300.0,	108.3,	0.0);
(481500.0,	3637300.0,	111.4,	0.0);	(481600.0,	3637300.0,	119.0,	0.0);
(481700.0,	3637300.0,	102.7,	0.0);	(478900.0,	3637400.0,	88.9,	0.0);
(479000.0,	3637400.0,	84.1,	0.0);	(479100.0,	3637400.0,	94.1,	0.0);
(479200.0,	3637400.0,	100.0,	0.0);	(479300.0,	3637400.0,	101.0,	0.0);
(479400.0,	3637400.0,	95.3,	0.0);	(479500.0,	3637400.0,	94.2,	0.0);
(479600.0,	3637400.0,	96.6,	0.0);	(481000.0,	3637400.0,	105.5,	0.0);
(481100.0,	3637400.0,	108.9,	0.0);	(481200.0,	3637400.0,	95.3,	0.0);
(481300.0,	3637400.0,	90.6,	0.0);	(481400.0,	3637400.0,	104.3,	0.0);
(481500.0,	3637400.0,	114.3,	0.0);	(481600.0,	3637400.0,	115.2,	0.0);
(481700.0,	3637400.0,	110.6,	0.0);	(478900.0,	3637500.0,	103.3,	0.0);
(479000.0,	3637500.0,	97.3,	0.0);	(479100.0,	3637500.0,	88.1,	0.0);
(479200.0,	3637500.0,	89.3,	0.0);	(479300.0,	3637500.0,	91.1,	0.0);
(479400.0,	3637500.0,	100.0,	0.0);	(479500.0,	3637500.0,	103.9,	0.0);
(479600.0,	3637500.0,	103.3,	0.0);	(479700.0,	3637500.0,	103.9,	0.0);
(479800.0,	3637500.0,	103.9,	0.0);	(479900.0,	3637500.0,	106.3,	0.0);
(480000.0,	3637500.0,	110.0,	0.0);	(480100.0,	3637500.0,	112.6,	0.0);
(480200.0,	3637500.0,	115.7,	0.0);	(480300.0,	3637500.0,	117.0,	0.0);
(480400.0,	3637500.0,	121.3,	0.0);	(480500.0,	3637500.0,	129.7,	0.0);
(480600.0,	3637500.0,	124.1,	0.0);	(480700.0,	3637500.0,	115.7,	0.0);
(480800.0,	3637500.0,	116.9,	0.0);	(480900.0,	3637500.0,	103.0,	0.0);

```
( 481000.0, 3637500.0,     111.7,       0.0);          ( 481100.0, 3637500.0,     112.3,       0.0);
( 481200.0, 3637500.0,      99.1,       0.0);          ( 481300.0, 3637500.0,      90.3,       0.0);
( 481400.0, 3637500.0,     104.2,       0.0);          ( 481500.0, 3637500.0,     107.9,       0.0);
( 481600.0, 3637500.0,     108.3,       0.0);          ( 481700.0, 3637500.0,     118.3,       0.0);
```

CONC URBAN ELEV DFAULT

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

(478900.0,	3637600.0,	102.7,	0.0);	(479000.0,	3637600.0,	99.4,	0.0);
(479100.0,	3637600.0,	98.5,	0.0);	(479200.0,	3637600.0,	101.4,	0.0);
(479300.0,	3637600.0,	109.0,	0.0);	(479400.0,	3637600.0,	107.3,	0.0);
(479500.0,	3637600.0,	104.1,	0.0);	(479600.0,	3637600.0,	103.9,	0.0);
(479700.0,	3637600.0,	105.3,	0.0);	(479800.0,	3637600.0,	107.1,	0.0);
(479900.0,	3637600.0,	108.8,	0.0);	(480000.0,	3637600.0,	110.9,	0.0);
(480100.0,	3637600.0,	113.3,	0.0);	(480200.0,	3637600.0,	112.5,	0.0);
(480300.0,	3637600.0,	117.0,	0.0);	(480400.0,	3637600.0,	120.7,	0.0);
(480500.0,	3637600.0,	128.7,	0.0);	(480600.0,	3637600.0,	125.3,	0.0);
(480700.0,	3637600.0,	120.7,	0.0);	(480800.0,	3637600.0,	118.7,	0.0);
(480900.0,	3637600.0,	105.4,	0.0);	(481000.0,	3637600.0,	113.3,	0.0);
(481100.0,	3637600.0,	118.1,	0.0);	(481200.0,	3637600.0,	111.3,	0.0);
(481300.0,	3637600.0,	102.7,	0.0);	(481400.0,	3637600.0,	95.0,	0.0);
(481500.0,	3637600.0,	95.1,	0.0);	(481600.0,	3637600.0,	111.8,	0.0);
(481700.0,	3637600.0,	116.6,	0.0);	(478900.0,	3637700.0,	99.1,	0.0);
(479000.0,	3637700.0,	100.9,	0.0);	(479100.0,	3637700.0,	100.9,	0.0);
(479200.0,	3637700.0,	103.5,	0.0);	(479300.0,	3637700.0,	109.4,	0.0);
(479400.0,	3637700.0,	109.7,	0.0);	(479500.0,	3637700.0,	107.6,	0.0);
(479600.0,	3637700.0,	106.5,	0.0);	(479700.0,	3637700.0,	107.0,	0.0);
(479800.0,	3637700.0,	108.3,	0.0);	(479900.0,	3637700.0,	109.9,	0.0);
(480000.0,	3637700.0,	111.9,	0.0);	(480100.0,	3637700.0,	112.0,	0.0);
(480200.0,	3637700.0,	103.8,	0.0);	(480300.0,	3637700.0,	118.0,	0.0);
(480400.0,	3637700.0,	124.5,	0.0);	(480500.0,	3637700.0,	128.1,	0.0);
(480600.0,	3637700.0,	127.1,	0.0);	(480700.0,	3637700.0,	123.7,	0.0);
(480800.0,	3637700.0,	121.3,	0.0);	(480900.0,	3637700.0,	103.0,	0.0);
(481000.0,	3637700.0,	115.6,	0.0);	(481100.0,	3637700.0,	120.7,	0.0);
(481200.0,	3637700.0,	113.1,	0.0);	(481300.0,	3637700.0,	99.5,	0.0);
(481400.0,	3637700.0,	109.6,	0.0);	(481500.0,	3637700.0,	96.3,	0.0);
(481600.0,	3637700.0,	109.3,	0.0);	(481700.0,	3637700.0,	116.6,	0.0);
(478900.0,	3637800.0,	101.0,	0.0);	(479000.0,	3637800.0,	103.0,	0.0);
(479100.0,	3637800.0,	103.0,	0.0);	(479200.0,	3637800.0,	105.6,	0.0);
(479300.0,	3637800.0,	110.0,	0.0);	(479400.0,	3637800.0,	110.0,	0.0);
(479500.0,	3637800.0,	109.1,	0.0);	(479600.0,	3637800.0,	107.3,	0.0);
(479700.0,	3637800.0,	107.0,	0.0);	(479800.0,	3637800.0,	106.4,	0.0);
(479900.0,	3637800.0,	110.3,	0.0);	(480000.0,	3637800.0,	104.9,	0.0);
(480100.0,	3637800.0,	94.0,	0.0);	(480200.0,	3637800.0,	105.5,	0.0);
(480300.0,	3637800.0,	118.0,	0.0);	(480400.0,	3637800.0,	126.0,	0.0);
(480500.0,	3637800.0,	128.9,	0.0);	(480600.0,	3637800.0,	128.0,	0.0);
(480700.0,	3637800.0,	123.7,	0.0);	(480800.0,	3637800.0,	118.1,	0.0);
(480900.0,	3637800.0,	116.1,	0.0);	(481000.0,	3637800.0,	118.3,	0.0);
(481100.0,	3637800.0,	119.3,	0.0);	(481200.0,	3637800.0,	111.9,	0.0);

```
( 481300.0, 3637800.0,     109.6,       0.0);         ( 481400.0, 3637800.0,     114.7,       0.0);
( 481500.0, 3637800.0,     107.9,       0.0);         ( 481600.0, 3637800.0,      97.3,       0.0);
( 481700.0, 3637800.0,     106.7,       0.0);         ( 478900.0, 3637900.0,      96.4,       0.0);
( 479000.0, 3637900.0,     101.8,       0.0);         ( 479100.0, 3637900.0,     104.9,       0.0);
```

CONC URBAN ELEV DFAULT

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

(479200.0,	3637900.0,	106.4,	0.0);	(479300.0,	3637900.0,	108.8,	0.0);
(479400.0,	3637900.0,	110.0,	0.0);	(479500.0,	3637900.0,	109.0,	0.0);
(479600.0,	3637900.0,	107.2,	0.0);	(479700.0,	3637900.0,	104.9,	0.0);
(479800.0,	3637900.0,	102.5,	0.0);	(479900.0,	3637900.0,	89.7,	0.0);
(480000.0,	3637900.0,	92.3,	0.0);	(480100.0,	3637900.0,	111.8,	0.0);
(480200.0,	3637900.0,	109.5,	0.0);	(480300.0,	3637900.0,	118.0,	0.0);
(480400.0,	3637900.0,	125.2,	0.0);	(480500.0,	3637900.0,	128.9,	0.0);
(480600.0,	3637900.0,	127.7,	0.0);	(480700.0,	3637900.0,	123.7,	0.0);
(480800.0,	3637900.0,	120.7,	0.0);	(480900.0,	3637900.0,	116.4,	0.0);
(481000.0,	3637900.0,	115.9,	0.0);	(481100.0,	3637900.0,	109.4,	0.0);
(481200.0,	3637900.0,	114.9,	0.0);	(481300.0,	3637900.0,	114.5,	0.0);
(481400.0,	3637900.0,	114.3,	0.0);	(481500.0,	3637900.0,	108.0,	0.0);
(481600.0,	3637900.0,	107.0,	0.0);	(481700.0,	3637900.0,	98.9,	0.0);
(478900.0,	3638000.0,	96.1,	0.0);	(479000.0,	3638000.0,	95.7,	0.0);
(479100.0,	3638000.0,	103.6,	0.0);	(479200.0,	3638000.0,	105.3,	0.0);
(479300.0,	3638000.0,	108.2,	0.0);	(479400.0,	3638000.0,	109.4,	0.0);
(479500.0,	3638000.0,	108.0,	0.0);	(479600.0,	3638000.0,	104.1,	0.0);
(479700.0,	3638000.0,	96.0,	0.0);	(479800.0,	3638000.0,	92.2,	0.0);
(479900.0,	3638000.0,	76.7,	0.0);	(480000.0,	3638000.0,	104.0,	0.0);
(480100.0,	3638000.0,	97.3,	0.0);	(480200.0,	3638000.0,	110.9,	0.0);
(480300.0,	3638000.0,	118.9,	0.0);	(480400.0,	3638000.0,	127.5,	0.0);
(480500.0,	3638000.0,	128.9,	0.0);	(480600.0,	3638000.0,	127.4,	0.0);
(480700.0,	3638000.0,	124.7,	0.0);	(480800.0,	3638000.0,	122.2,	0.0);
(480900.0,	3638000.0,	120.1,	0.0);	(481000.0,	3638000.0,	117.7,	0.0);
(481100.0,	3638000.0,	109.3,	0.0);	(481200.0,	3638000.0,	110.3,	0.0);
(481300.0,	3638000.0,	117.0,	0.0);	(481400.0,	3638000.0,	115.9,	0.0);
(481500.0,	3638000.0,	110.3,	0.0);	(481600.0,	3638000.0,	112.6,	0.0);
(481700.0,	3638000.0,	109.1,	0.0);	(478900.0,	3638100.0,	100.3,	0.0);
(479000.0,	3638100.0,	99.7,	0.0);	(479100.0,	3638100.0,	102.1,	0.0);
(479200.0,	3638100.0,	104.9,	0.0);	(479300.0,	3638100.0,	107.9,	0.0);
(479400.0,	3638100.0,	107.0,	0.0);	(479500.0,	3638100.0,	98.0,	0.0);
(479600.0,	3638100.0,	101.2,	0.0);	(479700.0,	3638100.0,	66.1,	0.0);
(479800.0,	3638100.0,	68.3,	0.0);	(479900.0,	3638100.0,	71.3,	0.0);
(480000.0,	3638100.0,	89.0,	0.0);	(480100.0,	3638100.0,	104.2,	0.0);
(480200.0,	3638100.0,	106.0,	0.0);	(480300.0,	3638100.0,	114.9,	0.0);
(480400.0,	3638100.0,	127.7,	0.0);	(480500.0,	3638100.0,	128.9,	0.0);
(480600.0,	3638100.0,	127.1,	0.0);	(480700.0,	3638100.0,	123.7,	0.0);
(480800.0,	3638100.0,	121.3,	0.0);	(480900.0,	3638100.0,	121.0,	0.0);
(481000.0,	3638100.0,	117.7,	0.0);	(481100.0,	3638100.0,	104.2,	0.0);
(481200.0,	3638100.0,	78.9,	0.0);	(481300.0,	3638100.0,	115.4,	0.0);
(481400.0,	3638100.0,	116.4,	0.0);	(481500.0,	3638100.0,	103.0,	0.0);

```
( 481600.0, 3638100.0,     110.9,       0.0);        ( 481700.0, 3638100.0,     112.0,       0.0);
( 478900.0, 3638200.0,     103.7,       0.0);        ( 479000.0, 3638200.0,     104.2,       0.0);
( 479100.0, 3638200.0,     105.3,       0.0);        ( 479200.0, 3638200.0,     105.4,       0.0);
( 479300.0, 3638200.0,     106.7,       0.0);        ( 479400.0, 3638200.0,     105.4,       0.0);
```

CONC URBAN ELEV DFAULT

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

(	479500.0,	3638200.0,	103.4,	0.0);	(479600.0,	3638200.0,	64.9,	0.0);
(	479700.0,	3638200.0,	70.7,	0.0);	(479800.0,	3638200.0,	102.6,	0.0);
(	479900.0,	3638200.0,	90.8,	0.0);	(480000.0,	3638200.0,	97.0,	0.0);
(	480100.0,	3638200.0,	108.6,	0.0);	(480200.0,	3638200.0,	111.3,	0.0);
(	480300.0,	3638200.0,	121.0,	0.0);	(480400.0,	3638200.0,	127.7,	0.0);
(	480500.0,	3638200.0,	129.3,	0.0);	(480600.0,	3638200.0,	121.7,	0.0);
(	480700.0,	3638200.0,	115.4,	0.0);	(480800.0,	3638200.0,	104.6,	0.0);
(	480900.0,	3638200.0,	119.7,	0.0);	(481000.0,	3638200.0,	111.7,	0.0);
(	481100.0,	3638200.0,	85.2,	0.0);	(481200.0,	3638200.0,	98.0,	0.0);
(	481300.0,	3638200.0,	115.7,	0.0);	(481400.0,	3638200.0,	115.2,	0.0);
(	481500.0,	3638200.0,	93.5,	0.0);	(481600.0,	3638200.0,	94.3,	0.0);
(	481700.0,	3638200.0,	98.3,	0.0);				

CONC URBAN ELEV DFAULT

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

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

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	WIND SPEED CATEGORY					
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	WIND SPEED CATEGORY					
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

CONC URBAN ELEV DFAULT

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

FILE: MIR95.ASC
FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)
SURFACE STATION NO.: 93107 UPPER AIR STATION NO.: 3190
NAME: MIRAMAR_NAS,CA NAME: UNKNOWN
YEAR: 1995 YEAR: 1995

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING HEIGHT (M) RURAL	MIXING HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
95	01	01	01	181.0	1.00	282.6	6	1255.7	240.0	0.0000	0.0	0.0000	0	0.00
95	01	01	02	268.0	1.03	282.0	6	1267.5	240.0	0.0000	0.0	0.0000	0	0.00
95	01	01	03	244.0	1.03	282.6	6	1279.3	240.0	0.0000	0.0	0.0000	0	0.00
95	01	01	04	293.0	1.54	282.6	6	1291.1	240.0	0.0000	0.0	0.0000	0	0.00
95	01	01	05	293.0	2.06	282.6	5	1302.9	240.0	0.0000	0.0	0.0000	0	0.00
95	01	01	06	292.0	0.00	282.6	6	1314.7	240.0	0.0000	0.0	0.0000	0	0.00
95	01	01	07	285.0	1.03	280.4	5	13.8	251.5	0.0000	0.0	0.0000	0	0.00
95	01	01	08	253.0	1.00	283.2	4	213.1	416.8	0.0000	0.0	0.0000	0	0.00
95	01	01	09	247.0	0.00	288.7	3	412.4	582.2	0.0000	0.0	0.0000	0	0.00
95	01	01	10	151.0	2.06	288.7	3	611.8	747.6	0.0000	0.0	0.0000	0	0.00
95	01	01	11	144.0	2.06	289.3	3	811.1	912.9	0.0000	0.0	0.0000	0	0.00
95	01	01	12	136.0	4.12	290.9	3	1010.4	1078.3	0.0000	0.0	0.0000	0	0.00
95	01	01	13	143.0	3.60	291.5	3	1209.7	1243.6	0.0000	0.0	0.0000	0	0.00
95	01	01	14	129.0	4.12	289.3	3	1409.0	1409.0	0.0000	0.0	0.0000	0	0.00
95	01	01	15	132.0	4.12	290.4	3	1409.0	1409.0	0.0000	0.0	0.0000	0	0.00
95	01	01	16	144.0	3.09	289.3	4	1409.0	1409.0	0.0000	0.0	0.0000	0	0.00
95	01	01	17	161.0	2.06	288.2	5	1409.5	1371.2	0.0000	0.0	0.0000	0	0.00
95	01	01	18	57.0	1.03	284.8	6	1412.2	1182.2	0.0000	0.0	0.0000	0	0.00
95	01	01	19	64.0	0.00	283.7	7	1414.9	993.1	0.0000	0.0	0.0000	0	0.00
95	01	01	20	57.0	0.00	281.5	7	1417.6	804.1	0.0000	0.0	0.0000	0	0.00
95	01	01	21	280.0	1.03	282.0	7	1420.3	615.1	0.0000	0.0	0.0000	0	0.00
95	01	01	22	272.0	1.03	280.9	7	1423.0	426.1	0.0000	0.0	0.0000	0	0.00
95	01	01	23	270.0	1.54	280.9	7	1425.7	237.0	0.0000	0.0	0.0000	0	0.00
95	01	01	24	270.0	1.54	282.0	7	1428.4	48.0	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.

CONC URBAN ELEV DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
479700.00	3636250.00	0.20931	479750.00	3636250.00	0.22950
479800.00	3636250.00	0.25609	479850.00	3636250.00	0.29656
479900.00	3636250.00	0.36979	479950.00	3636250.00	0.50800
480000.00	3636250.00	0.71239	480050.00	3636250.00	0.90858
480100.00	3636250.00	1.05781	480150.00	3636250.00	1.20487
480200.00	3636250.00	1.34827	480250.00	3636250.00	1.45510
480300.00	3636250.00	1.52562	480350.00	3636250.00	1.57040
480400.00	3636250.00	1.59102	480450.00	3636250.00	1.58519
480500.00	3636250.00	1.55465	480550.00	3636250.00	1.50959
480600.00	3636250.00	1.46379	480650.00	3636250.00	1.42492
480700.00	3636250.00	1.39066	480750.00	3636250.00	1.35424
480800.00	3636250.00	1.31120	480850.00	3636250.00	1.26105
480900.00	3636250.00	1.20568	479700.00	3636300.00	0.23820
479750.00	3636300.00	0.26187	479800.00	3636300.00	0.29330
479850.00	3636300.00	0.33975	479900.00	3636300.00	0.42054
479950.00	3636300.00	0.58280	480000.00	3636300.00	0.85936
480050.00	3636300.00	1.14691	480100.00	3636300.00	1.37292
480150.00	3636300.00	1.59123	480200.00	3636300.00	1.76211
480250.00	3636300.00	1.85402	480300.00	3636300.00	1.89644
480350.00	3636300.00	1.90865	480400.00	3636300.00	1.89577
480450.00	3636300.00	1.85855	480500.00	3636300.00	1.79945
480550.00	3636300.00	1.73032	480600.00	3636300.00	1.66725
480650.00	3636300.00	1.61589	480700.00	3636300.00	1.56889
480750.00	3636300.00	1.51680	480800.00	3636300.00	1.45609
480850.00	3636300.00	1.38843	480900.00	3636300.00	1.31679
479700.00	3636350.00	0.27434	479750.00	3636350.00	0.30418
479800.00	3636350.00	0.34176	479850.00	3636350.00	0.39675
479900.00	3636350.00	0.49051	479950.00	3636350.00	0.68207
480000.00	3636350.00	1.06810	480050.00	3636350.00	1.52350
480100.00	3636350.00	1.90005	480150.00	3636350.00	2.21975
480200.00	3636350.00	2.38116	480250.00	3636350.00	2.41356
480300.00	3636350.00	2.38778	480350.00	3636350.00	2.33003
480400.00	3636350.00	2.25692	480450.00	3636350.00	2.17422
480500.00	3636350.00	2.07977	480550.00	3636350.00	1.98365
480600.00	3636350.00	1.90299	480650.00	3636350.00	1.83827
480700.00	3636350.00	1.77472	480750.00	3636350.00	1.70160

480800.00	3636350.00	1.61852	480850.00	3636350.00	1.52978
480900.00	3636350.00	1.43895	479700.00	3636400.00	0.31889
479750.00	3636400.00	0.35809	479800.00	3636400.00	0.40830
479850.00	3636400.00	0.47681	479900.00	3636400.00	0.59055

CONC URBAN ELEV DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
479950.00	3636400.00	0.82505	480000.00	3636400.00	1.39332
480050.00	3636400.00	2.20884	480100.00	3636400.00	2.91185
480150.00	3636400.00	3.31669	480200.00	3636400.00	3.33346
480250.00	3636400.00	3.19502	480300.00	3636400.00	3.01502
480350.00	3636400.00	2.82977	480400.00	3636400.00	2.66842
480450.00	3636400.00	2.53200	480500.00	3636400.00	2.40078
480550.00	3636400.00	2.27826	480600.00	3636400.00	2.18187
480650.00	3636400.00	2.10210	480700.00	3636400.00	2.01535
480750.00	3636400.00	1.91375	480800.00	3636400.00	1.80274
480850.00	3636400.00	1.68838	480900.00	3636400.00	1.57420
479700.00	3636450.00	0.37543	479750.00	3636450.00	0.42775
479800.00	3636450.00	0.49714	479850.00	3636450.00	0.59507
479900.00	3636450.00	0.74970	479950.00	3636450.00	1.05993
480000.00	3636450.00	1.99378	480050.00	3636450.00	3.85369
480100.00	3636450.00	5.29728	480150.00	3636450.00	5.36118
480200.00	3636450.00	4.76342	480250.00	3636450.00	4.20336
480300.00	3636450.00	3.75582	480350.00	3636450.00	3.39482
480400.00	3636450.00	3.12916	480450.00	3636450.00	2.94000
480500.00	3636450.00	2.77574	480550.00	3636450.00	2.63083
480600.00	3636450.00	2.52239	480650.00	3636450.00	2.42239
480700.00	3636450.00	2.30087	480750.00	3636450.00	2.16098
480800.00	3636450.00	2.01469	480850.00	3636450.00	1.86781
480900.00	3636450.00	1.72383	479700.00	3636500.00	0.45181
479750.00	3636500.00	0.52458	479800.00	3636500.00	0.62435
479850.00	3636500.00	0.77217	479900.00	3636500.00	1.02396
479950.00	3636500.00	1.55535	480250.00	3636500.00	5.37007
480300.00	3636500.00	4.59771	480350.00	3636500.00	4.03403
480400.00	3636500.00	3.65061	480450.00	3636500.00	3.41233
480500.00	3636500.00	3.22524	480550.00	3636500.00	3.06981
480600.00	3636500.00	2.95506	480650.00	3636500.00	2.82135
480700.00	3636500.00	2.64660	480750.00	3636500.00	2.45482
480800.00	3636500.00	2.26102	480850.00	3636500.00	2.06983
480900.00	3636500.00	1.88594	479700.00	3636550.00	0.57630
479750.00	3636550.00	0.69189	479800.00	3636550.00	0.86237
479850.00	3636550.00	1.13890	479900.00	3636550.00	1.67091
479950.00	3636550.00	3.09851	480400.00	3636550.00	4.22902

480450.00	3636550.00	3.95616	480500.00	3636550.00	3.78379
480550.00	3636550.00	3.65383	480600.00	3636550.00	3.53674
480650.00	3636550.00	3.33631	480700.00	3636550.00	3.07753
480750.00	3636550.00	2.80908	480800.00	3636550.00	2.54422

CONC URBAN ELEV DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
480850.00	3636550.00	2.28980	480900.00	3636550.00	2.05396
479700.00	3636600.00	0.72559	479750.00	3636600.00	0.88756
479800.00	3636600.00	1.12873	479850.00	3636600.00	1.52479
479900.00	3636600.00	2.28533	479950.00	3636600.00	4.19765
480700.00	3636600.00	3.62595	480750.00	3636600.00	3.22703
480800.00	3636600.00	2.85284	480850.00	3636600.00	2.51439
480900.00	3636600.00	2.21841	479700.00	3636650.00	0.85209
479750.00	3636650.00	1.04842	479800.00	3636650.00	1.34331
479850.00	3636650.00	1.81878	479900.00	3636650.00	2.67853
479950.00	3636650.00	4.80504	480700.00	3636650.00	4.28886
480750.00	3636650.00	3.67723	480800.00	3636650.00	3.16063
480850.00	3636650.00	2.73005	480900.00	3636650.00	2.37379
479700.00	3636700.00	0.97710	479750.00	3636700.00	1.20641
479800.00	3636700.00	1.53841	479850.00	3636700.00	2.05809
479900.00	3636700.00	3.00700	479950.00	3636700.00	5.32905
480700.00	3636700.00	4.97271	480750.00	3636700.00	4.11252
480800.00	3636700.00	3.45421	480850.00	3636700.00	2.93674
480900.00	3636700.00	2.52117	479700.00	3636750.00	1.10747
479750.00	3636750.00	1.36707	479800.00	3636750.00	1.73838
479850.00	3636750.00	2.32557	479900.00	3636750.00	3.40572
479950.00	3636750.00	5.93961	480700.00	3636750.00	5.59966
480750.00	3636750.00	4.52788	480800.00	3636750.00	3.74113
480850.00	3636750.00	3.13470	480900.00	3636750.00	2.65179
479700.00	3636800.00	1.21538	479750.00	3636800.00	1.49454
479800.00	3636800.00	1.90096	479850.00	3636800.00	2.54598
479900.00	3636800.00	3.71278	479950.00	3636800.00	6.35178
480700.00	3636800.00	6.13782	480750.00	3636800.00	4.91646
480800.00	3636800.00	4.00042	480850.00	3636800.00	3.29061
480900.00	3636800.00	2.73190	479700.00	3636850.00	1.28695
479750.00	3636850.00	1.57789	479800.00	3636850.00	2.00803
479850.00	3636850.00	2.69527	479900.00	3636850.00	3.90970
479950.00	3636850.00	6.56265	480650.00	3636850.00	8.64432
480700.00	3636850.00	6.74263	480750.00	3636850.00	5.28739
480800.00	3636850.00	4.18492	480850.00	3636850.00	3.35314
480900.00	3636850.00	2.72781	479700.00	3636900.00	1.33076
479750.00	3636900.00	1.62723	479800.00	3636900.00	2.06375

479850.00	3636900.00	2.75111	479900.00	3636900.00	3.95227
479950.00	3636900.00	6.56833	480650.00	3636900.00	10.25596
480700.00	3636900.00	7.59846	480750.00	3636900.00	5.61898
480800.00	3636900.00	4.24934	480850.00	3636900.00	3.30848

CONC URBAN ELEV DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
480900.00	3636900.00	2.65063	479700.00	3636950.00	1.35984
479750.00	3636950.00	1.65134	479800.00	3636950.00	2.07244
479850.00	3636950.00	2.72400	479900.00	3636950.00	3.84780
479950.00	3636950.00	6.30015	480650.00	3636950.00	13.46926
480700.00	3636950.00	8.44039	480750.00	3636950.00	5.73957
480800.00	3636950.00	4.17345	480850.00	3636950.00	3.19558
480900.00	3636950.00	2.54422	479700.00	3637000.00	1.35765
479750.00	3637000.00	1.63104	479800.00	3637000.00	2.01590
479850.00	3637000.00	2.58857	479900.00	3637000.00	3.50999
479950.00	3637000.00	5.23217	480650.00	3637000.00	15.53526
480700.00	3637000.00	8.34322	480750.00	3637000.00	5.43823
480800.00	3637000.00	3.92430	480850.00	3637000.00	3.00822
480900.00	3637000.00	2.40049	479700.00	3637050.00	1.28637
479750.00	3637050.00	1.51821	479800.00	3637050.00	1.83192
479850.00	3637050.00	2.26912	479900.00	3637050.00	2.89567
479950.00	3637050.00	3.90408	480000.00	3637050.00	5.59881
480050.00	3637050.00	8.19967	480100.00	3637050.00	11.48047
480650.00	3637050.00	12.42929	480700.00	3637050.00	6.81616
480750.00	3637050.00	4.60028	480800.00	3637050.00	3.41279
480850.00	3637050.00	2.67072	480900.00	3637050.00	2.16378
479700.00	3637100.00	1.16475	479750.00	3637100.00	1.35052
479800.00	3637100.00	1.59200	479850.00	3637100.00	1.91492
479900.00	3637100.00	2.37121	479950.00	3637100.00	3.01572
480000.00	3637100.00	3.89857	480050.00	3637100.00	5.08792
480100.00	3637100.00	6.35851	480150.00	3637100.00	7.50202
480200.00	3637100.00	8.33392	480650.00	3637100.00	7.53560
480700.00	3637100.00	4.98037	480750.00	3637100.00	3.62065
480800.00	3637100.00	2.79693	480850.00	3637100.00	2.25216
480900.00	3637100.00	1.86619	479700.00	3637150.00	1.02084
479750.00	3637150.00	1.16621	479800.00	3637150.00	1.35432
479850.00	3637150.00	1.60314	479900.00	3637150.00	1.92745
479950.00	3637150.00	2.32406	480000.00	3637150.00	2.85456
480050.00	3637150.00	3.53601	480100.00	3637150.00	4.18287
480150.00	3637150.00	4.69190	480200.00	3637150.00	5.12745
480250.00	3637150.00	5.90703	480300.00	3637150.00	7.12519
480350.00	3637150.00	7.92479	480400.00	3637150.00	8.34575

480450.00	3637150.00	8.48111	480500.00	3637150.00	8.34044
480550.00	3637150.00	7.70067	480600.00	3637150.00	6.41369
480650.00	3637150.00	4.89095	480700.00	3637150.00	3.75138
480750.00	3637150.00	2.92208	480800.00	3637150.00	2.33651

CONC URBAN ELEV DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
480850.00	3637150.00	1.91868	480900.00	3637150.00	1.61263
479700.00	3637200.00	0.87990	479750.00	3637200.00	0.99744
479800.00	3637200.00	1.14930	479850.00	3637200.00	1.34213
479900.00	3637200.00	1.57620	479950.00	3637200.00	1.84758
480000.00	3637200.00	2.20330	480050.00	3637200.00	2.61525
480100.00	3637200.00	2.98267	480150.00	3637200.00	3.28771
480200.00	3637200.00	3.58596	480250.00	3637200.00	3.91936
480300.00	3637200.00	4.43030	480350.00	3637200.00	4.79053
480400.00	3637200.00	5.02365	480450.00	3637200.00	5.15056
480500.00	3637200.00	5.08662	480550.00	3637200.00	4.73892
480600.00	3637200.00	4.17273	480650.00	3637200.00	3.47005
480700.00	3637200.00	2.89248	480750.00	3637200.00	2.40403
480800.00	3637200.00	2.00459	480850.00	3637200.00	1.68585
480900.00	3637200.00	1.43496	479700.00	3637250.00	0.76504
479750.00	3637250.00	0.86700	479800.00	3637250.00	0.99580
479850.00	3637250.00	1.15103	479900.00	3637250.00	1.32544
479950.00	3637250.00	1.51513	480000.00	3637250.00	1.74733
480050.00	3637250.00	2.00441	480100.00	3637250.00	2.25469
480150.00	3637250.00	2.48492	480200.00	3637250.00	2.67247
480250.00	3637250.00	2.84486	480300.00	3637250.00	3.11291
480350.00	3637250.00	3.32244	480400.00	3637250.00	3.46566
480450.00	3637250.00	3.54152	480500.00	3637250.00	3.48923
480550.00	3637250.00	3.30596	480600.00	3637250.00	3.00487
480650.00	3637250.00	2.61626	480700.00	3637250.00	2.28184
480750.00	3637250.00	1.98434	480800.00	3637250.00	1.71936
480850.00	3637250.00	1.49005	480900.00	3637250.00	1.29485
479700.00	3637300.00	0.68139	479750.00	3637300.00	0.77260
479800.00	3637300.00	0.88164	479850.00	3637300.00	1.00297
479900.00	3637300.00	1.12574	479950.00	3637300.00	1.25261
480000.00	3637300.00	1.40690	480050.00	3637300.00	1.58863
480100.00	3637300.00	1.78288	480150.00	3637300.00	1.96187
480200.00	3637300.00	2.08220	480250.00	3637300.00	2.18795
480300.00	3637300.00	2.34741	480350.00	3637300.00	2.48250
480400.00	3637300.00	2.56982	480450.00	3637300.00	2.60639
480500.00	3637300.00	2.56698	480550.00	3637300.00	2.46593

480600.00	3637300.00	2.28602	480650.00	3637300.00	2.04891
480700.00	3637300.00	1.83683	480750.00	3637300.00	1.64790
480800.00	3637300.00	1.47113	480850.00	3637300.00	1.30915
480900.00	3637300.00	1.16393	479700.00	3637350.00	0.61843
479750.00	3637350.00	0.69729	479800.00	3637350.00	0.78480

CONC URBAN ELEV DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
479850.00	3637350.00	0.87325	479900.00	3637350.00	0.95553
479950.00	3637350.00	1.04228	480000.00	3637350.00	1.15521
480050.00	3637350.00	1.29878	480100.00	3637350.00	1.45798
480150.00	3637350.00	1.59857	480200.00	3637350.00	1.68315
480250.00	3637350.00	1.75435	480300.00	3637350.00	1.85222
480350.00	3637350.00	1.93789	480400.00	3637350.00	1.99151
480450.00	3637350.00	2.00828	480500.00	3637350.00	1.98259
480550.00	3637350.00	1.92267	480600.00	3637350.00	1.80577
480650.00	3637350.00	1.64997	480700.00	3637350.00	1.50573
480750.00	3637350.00	1.37896	480800.00	3637350.00	1.25935
480850.00	3637350.00	1.14511	480900.00	3637350.00	1.03857
479700.00	3637400.00	0.56442	479750.00	3637400.00	0.62905
479800.00	3637400.00	0.69555	479850.00	3637400.00	0.75737
479900.00	3637400.00	0.81360	479950.00	3637400.00	0.87867
480000.00	3637400.00	0.97033	480050.00	3637400.00	1.09113
480100.00	3637400.00	1.22487	480150.00	3637400.00	1.33587
480200.00	3637400.00	1.39907	480250.00	3637400.00	1.44748
480300.00	3637400.00	1.50597	480350.00	3637400.00	1.55849
480400.00	3637400.00	1.59192	480450.00	3637400.00	1.60064
480500.00	3637400.00	1.58630	480550.00	3637400.00	1.54812
480600.00	3637400.00	1.46763	480650.00	3637400.00	1.35926
480700.00	3637400.00	1.25562	480750.00	3637400.00	1.16524
480800.00	3637400.00	1.08159	480850.00	3637400.00	1.00049
480900.00	3637400.00	0.92237	478900.00	3635500.00	0.03653
479000.00	3635500.00	0.03877	479100.00	3635500.00	0.04125
479200.00	3635500.00	0.04403	479300.00	3635500.00	0.04679
479400.00	3635500.00	0.04914	479500.00	3635500.00	0.05171
479600.00	3635500.00	0.05726	479700.00	3635500.00	0.06991
479800.00	3635500.00	0.09276	479900.00	3635500.00	0.12437
480000.00	3635500.00	0.15750	480100.00	3635500.00	0.18468
480200.00	3635500.00	0.20623	480300.00	3635500.00	0.22848
480400.00	3635500.00	0.25540	480500.00	3635500.00	0.28454
480600.00	3635500.00	0.31075	480700.00	3635500.00	0.33139
480800.00	3635500.00	0.34725	480900.00	3635500.00	0.36007
481000.00	3635500.00	0.37033	481100.00	3635500.00	0.37701
481200.00	3635500.00	0.37909	481300.00	3635500.00	0.37662

481400.00	3635500.00	0.37059	481500.00	3635500.00	0.36231
481600.00	3635500.00	0.35286	481700.00	3635500.00	0.34287
478900.00	3635600.00	0.03963	479000.00	3635600.00	0.04204
479100.00	3635600.00	0.04486	479200.00	3635600.00	0.04806

CONC URBAN ELEV DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
479300.00	3635600.00	0.05156	479400.00	3635600.00	0.05492
479500.00	3635600.00	0.05801	479600.00	3635600.00	0.06314
479700.00	3635600.00	0.07557	479800.00	3635600.00	0.10064
479900.00	3635600.00	0.13801	480000.00	3635600.00	0.17826
480100.00	3635600.00	0.21065	480200.00	3635600.00	0.23623
480300.00	3635600.00	0.26477	480400.00	3635600.00	0.30025
480500.00	3635600.00	0.33639	480600.00	3635600.00	0.36520
480700.00	3635600.00	0.38520	480800.00	3635600.00	0.39956
480900.00	3635600.00	0.41115	481000.00	3635600.00	0.41985
481100.00	3635600.00	0.42386	481200.00	3635600.00	0.42214
481300.00	3635600.00	0.41538	481400.00	3635600.00	0.40521
481500.00	3635600.00	0.39320	481600.00	3635600.00	0.38037
481700.00	3635600.00	0.36724	478900.00	3635700.00	0.04409
479000.00	3635700.00	0.04616	479100.00	3635700.00	0.04914
479200.00	3635700.00	0.05280	479300.00	3635700.00	0.05700
479400.00	3635700.00	0.06150	479500.00	3635700.00	0.06580
479600.00	3635700.00	0.07100	479700.00	3635700.00	0.08287
479800.00	3635700.00	0.11001	479900.00	3635700.00	0.15478
480000.00	3635700.00	0.20507	480100.00	3635700.00	0.24464
480200.00	3635700.00	0.27577	480300.00	3635700.00	0.31358
480400.00	3635700.00	0.36080	480500.00	3635700.00	0.40451
480600.00	3635700.00	0.43437	480700.00	3635700.00	0.45199
480800.00	3635700.00	0.46408	480900.00	3635700.00	0.47392
481000.00	3635700.00	0.47990	481100.00	3635700.00	0.47936
481200.00	3635700.00	0.47194	481300.00	3635700.00	0.45932
481400.00	3635700.00	0.44378	481500.00	3635700.00	0.42697
481600.00	3635700.00	0.40983	481700.00	3635700.00	0.39270
478900.00	3635800.00	0.05078	479000.00	3635800.00	0.05211
479100.00	3635800.00	0.05471	479200.00	3635800.00	0.05855
479300.00	3635800.00	0.06343	479400.00	3635800.00	0.06907
479500.00	3635800.00	0.07505	479600.00	3635800.00	0.08138
479700.00	3635800.00	0.09275	479800.00	3635800.00	0.12138
479900.00	3635800.00	0.17552	480000.00	3635800.00	0.24051
480100.00	3635800.00	0.29052	480200.00	3635800.00	0.32978
480300.00	3635800.00	0.38168	480400.00	3635800.00	0.44436
480500.00	3635800.00	0.49508	480600.00	3635800.00	0.52314

480700.00	3635800.00	0.53635	480800.00	3635800.00	0.54532
480900.00	3635800.00	0.55222	481000.00	3635800.00	0.55301
481100.00	3635800.00	0.54494	481200.00	3635800.00	0.52911
481300.00	3635800.00	0.50857	481400.00	3635800.00	0.48606

CONC URBAN ELEV DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481500.00	3635800.00	0.46316	481600.00	3635800.00	0.44055
481700.00	3635800.00	0.41839	478900.00	3635900.00	0.05983
479000.00	3635900.00	0.06074	479100.00	3635900.00	0.06275
479200.00	3635900.00	0.06623	479300.00	3635900.00	0.07140
479400.00	3635900.00	0.07817	479500.00	3635900.00	0.08599
479600.00	3635900.00	0.09455	479700.00	3635900.00	0.10648
479800.00	3635900.00	0.13578	479900.00	3635900.00	0.20122
480000.00	3635900.00	0.28851	480100.00	3635900.00	0.35480
480200.00	3635900.00	0.40704	480300.00	3635900.00	0.48050
480400.00	3635900.00	0.56184	480500.00	3635900.00	0.61692
480600.00	3635900.00	0.63891	480700.00	3635900.00	0.64526
480800.00	3635900.00	0.64965	480900.00	3635900.00	0.65058
481000.00	3635900.00	0.64162	481100.00	3635900.00	0.62147
481200.00	3635900.00	0.59378	481300.00	3635900.00	0.56284
481400.00	3635900.00	0.53144	481500.00	3635900.00	0.50089
481600.00	3635900.00	0.47144	481700.00	3635900.00	0.44330
478900.00	3636000.00	0.07035	479000.00	3636000.00	0.07190
479100.00	3636000.00	0.07395	479200.00	3636000.00	0.07725
479300.00	3636000.00	0.08229	479400.00	3636000.00	0.08962
479500.00	3636000.00	0.09943	479600.00	3636000.00	0.11094
479700.00	3636000.00	0.12542	479800.00	3636000.00	0.15533
479900.00	3636000.00	0.23339	480000.00	3636000.00	0.35551
480100.00	3636000.00	0.44908	480200.00	3636000.00	0.52427
480300.00	3636000.00	0.62971	480400.00	3636000.00	0.72992
480500.00	3636000.00	0.78328	480600.00	3636000.00	0.79304
480700.00	3636000.00	0.78897	480800.00	3636000.00	0.78511
480900.00	3636000.00	0.77355	481000.00	3636000.00	0.74732
481100.00	3636000.00	0.70913	481200.00	3636000.00	0.66547
481300.00	3636000.00	0.62129	481400.00	3636000.00	0.57889
481500.00	3636000.00	0.53893	481600.00	3636000.00	0.50131
481700.00	3636000.00	0.46597	478900.00	3636100.00	0.08085
479000.00	3636100.00	0.08462	479100.00	3636100.00	0.08801
479200.00	3636100.00	0.09204	479300.00	3636100.00	0.09772
479400.00	3636100.00	0.10565	479500.00	3636100.00	0.11681
479600.00	3636100.00	0.13195	479700.00	3636100.00	0.15102
479800.00	3636100.00	0.18367	479900.00	3636100.00	0.27472

480000.00	3636100.00	0.45282	480100.00	3636100.00	0.59643
480200.00	3636100.00	0.71645	480300.00	3636100.00	0.86391
480400.00	3636100.00	0.97486	480500.00	3636100.00	1.01529
480600.00	3636100.00	1.00231	480700.00	3636100.00	0.98076

CONC URBAN ELEV DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
480800.00	3636100.00	0.96000	480900.00	3636100.00	0.92415
481000.00	3636100.00	0.87039	481100.00	3636100.00	0.80735
481200.00	3636100.00	0.74344	481300.00	3636100.00	0.68294
481400.00	3636100.00	0.62703	481500.00	3636100.00	0.57565
481600.00	3636100.00	0.52840	481700.00	3636100.00	0.48504
478900.00	3636200.00	0.08979	479000.00	3636200.00	0.09700
479100.00	3636200.00	0.10384	479200.00	3636200.00	0.11042
479300.00	3636200.00	0.11796	479400.00	3636200.00	0.12800
479500.00	3636200.00	0.14168	479600.00	3636200.00	0.16033
479700.00	3636200.00	0.18636	479800.00	3636200.00	0.22648
479900.00	3636200.00	0.33126	480000.00	3636200.00	0.60322
480100.00	3636200.00	0.85040	480200.00	3636200.00	1.06360
480300.00	3636200.00	1.24539	480400.00	3636200.00	1.34137
480500.00	3636200.00	1.34395	480600.00	3636200.00	1.28703
480700.00	3636200.00	1.23513	480800.00	3636200.00	1.18117
480900.00	3636200.00	1.10391	481000.00	3636200.00	1.01102
481100.00	3636200.00	0.91607	481200.00	3636200.00	0.82699
481300.00	3636200.00	0.74626	481400.00	3636200.00	0.67386
481500.00	3636200.00	0.60891	481600.00	3636200.00	0.55083
481700.00	3636200.00	0.49898	478900.00	3636300.00	0.09760
479000.00	3636300.00	0.10753	479100.00	3636300.00	0.11879
479200.00	3636300.00	0.13067	479300.00	3636300.00	0.14307
479400.00	3636300.00	0.15748	479500.00	3636300.00	0.17622
479600.00	3636300.00	0.20207	481000.00	3636300.00	1.17185
481100.00	3636300.00	1.03586	481200.00	3636300.00	0.91459
481300.00	3636300.00	0.80856	481400.00	3636300.00	0.71626
481500.00	3636300.00	0.63608	481600.00	3636300.00	0.56666
481700.00	3636300.00	0.50674	478900.00	3636400.00	0.10714
479000.00	3636400.00	0.11869	479100.00	3636400.00	0.13290
479200.00	3636400.00	0.15029	479300.00	3636400.00	0.17062
479400.00	3636400.00	0.19391	479500.00	3636400.00	0.22281
479600.00	3636400.00	0.26214	481000.00	3636400.00	1.35670
481100.00	3636400.00	1.16463	481200.00	3636400.00	1.00153
481300.00	3636400.00	0.86461	481400.00	3636400.00	0.75006
481500.00	3636400.00	0.65435	481600.00	3636400.00	0.57463
481700.00	3636400.00	0.50826	478900.00	3636500.00	0.12167

479000.00	3636500.00	0.13613	479100.00	3636500.00	0.15363
479200.00	3636500.00	0.17564	479300.00	3636500.00	0.20426
479400.00	3636500.00	0.24117	479500.00	3636500.00	0.28823
479600.00	3636500.00	0.35267	481000.00	3636500.00	1.55754

CONC URBAN ELEV DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481100.00	3636500.00	1.29061	481200.00	3636500.00	1.07756
481300.00	3636500.00	0.90724	481400.00	3636500.00	0.77094
481500.00	3636500.00	0.66207	481600.00	3636500.00	0.57480
481700.00	3636500.00	0.50466	478900.00	3636600.00	0.14510
479000.00	3636600.00	0.16476	479100.00	3636600.00	0.18930
479200.00	3636600.00	0.22050	479300.00	3636600.00	0.26153
479400.00	3636600.00	0.31827	479500.00	3636600.00	0.40032
479600.00	3636600.00	0.52307	481000.00	3636600.00	1.74589
481100.00	3636600.00	1.39538	481200.00	3636600.00	1.13060
481300.00	3636600.00	0.92955	481400.00	3636600.00	0.77650
481500.00	3636600.00	0.65937	481600.00	3636600.00	0.56886
481700.00	3636600.00	0.49795	478900.00	3636700.00	0.17904
479000.00	3636700.00	0.20416	479100.00	3636700.00	0.23603
479200.00	3636700.00	0.27738	479300.00	3636700.00	0.33234
479400.00	3636700.00	0.40776	479500.00	3636700.00	0.51663
479600.00	3636700.00	0.68662	481000.00	3636700.00	1.89650
481100.00	3636700.00	1.45833	481200.00	3636700.00	1.14796
481300.00	3636700.00	0.92659	481400.00	3636700.00	0.76643
481500.00	3636700.00	0.64808	481600.00	3636700.00	0.55857
481700.00	3636700.00	0.48932	478900.00	3636800.00	0.21922
479000.00	3636800.00	0.24974	479100.00	3636800.00	0.28834
479200.00	3636800.00	0.33843	479300.00	3636800.00	0.40578
479400.00	3636800.00	0.50034	479500.00	3636800.00	0.63987
479600.00	3636800.00	0.85663	481000.00	3636800.00	1.94118
481100.00	3636800.00	1.44215	481200.00	3636800.00	1.11760
481300.00	3636800.00	0.89775	481400.00	3636800.00	0.74266
481500.00	3636800.00	0.62930	481600.00	3636800.00	0.54371
481700.00	3636800.00	0.47737	478900.00	3636900.00	0.25827
479000.00	3636900.00	0.29392	479100.00	3636900.00	0.33901
479200.00	3636900.00	0.39751	479300.00	3636900.00	0.47545
479400.00	3636900.00	0.58228	479500.00	3636900.00	0.73346
479600.00	3636900.00	0.95862	481000.00	3636900.00	1.82739
481100.00	3636900.00	1.35249	481200.00	3636900.00	1.05238
481300.00	3636900.00	0.84978	481400.00	3636900.00	0.70627
481500.00	3636900.00	0.60062	481600.00	3636900.00	0.52047
481700.00	3636900.00	0.45808	478900.00	3637000.00	0.28754

479000.00	3637000.00	0.32666	479100.00	3637000.00	0.37581
479200.00	3637000.00	0.43859	479300.00	3637000.00	0.52026
479400.00	3637000.00	0.62883	479500.00	3637000.00	0.77875
479600.00	3637000.00	0.99968	481000.00	3637000.00	1.65703

CONC URBAN ELEV DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481100.00	3637000.00	1.23087	481200.00	3637000.00	0.96158
481300.00	3637000.00	0.77967	481400.00	3637000.00	0.65064
481500.00	3637000.00	0.55557	481600.00	3637000.00	0.48332
481700.00	3637000.00	0.42699	478900.00	3637100.00	0.29461
479000.00	3637100.00	0.33243	479100.00	3637100.00	0.37894
479200.00	3637100.00	0.43667	479300.00	3637100.00	0.50925
479400.00	3637100.00	0.60255	479500.00	3637100.00	0.72696
479600.00	3637100.00	0.90188	481000.00	3637100.00	1.35640
481100.00	3637100.00	1.03895	481200.00	3637100.00	0.82746
481300.00	3637100.00	0.67996	481400.00	3637100.00	0.57331
481500.00	3637100.00	0.49376	481600.00	3637100.00	0.43280
481700.00	3637100.00	0.38496	478900.00	3637200.00	0.27568
479000.00	3637200.00	0.30716	479100.00	3637200.00	0.34461
479200.00	3637200.00	0.38943	479300.00	3637200.00	0.44375
479400.00	3637200.00	0.51102	479500.00	3637200.00	0.59718
479600.00	3637200.00	0.71281	481000.00	3637200.00	1.08142
481100.00	3637200.00	0.85216	481200.00	3637200.00	0.69397
481300.00	3637200.00	0.57981	481400.00	3637200.00	0.49494
481500.00	3637200.00	0.43037	481600.00	3637200.00	0.38027
481700.00	3637200.00	0.34064	478900.00	3637300.00	0.24348
479000.00	3637300.00	0.26777	479100.00	3637300.00	0.29572
479200.00	3637300.00	0.32799	479300.00	3637300.00	0.36571
479400.00	3637300.00	0.41118	479500.00	3637300.00	0.46935
479600.00	3637300.00	0.55158	481000.00	3637300.00	0.92292
481100.00	3637300.00	0.74234	481200.00	3637300.00	0.61002
481300.00	3637300.00	0.51233	481400.00	3637300.00	0.43890
481500.00	3637300.00	0.38263	481600.00	3637300.00	0.33878
481700.00	3637300.00	0.30407	478900.00	3637400.00	0.21240
479000.00	3637400.00	0.23098	479100.00	3637400.00	0.25161
479200.00	3637400.00	0.27482	479300.00	3637400.00	0.30201
479400.00	3637400.00	0.33639	479500.00	3637400.00	0.38454
479600.00	3637400.00	0.45721	481000.00	3637400.00	0.77978
481100.00	3637400.00	0.65725	481200.00	3637400.00	0.55506
481300.00	3637400.00	0.47231	481400.00	3637400.00	0.40648
481500.00	3637400.00	0.35440	481600.00	3637400.00	0.31311
481700.00	3637400.00	0.28018	478900.00	3637500.00	0.18718

479000.00	3637500.00	0.20127	479100.00	3637500.00	0.21666
479200.00	3637500.00	0.23421	479300.00	3637500.00	0.25606
479400.00	3637500.00	0.28585	479500.00	3637500.00	0.32863
479600.00	3637500.00	0.38933	479700.00	3637500.00	0.46631

CONC URBAN ELEV DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
479800.00	3637500.00	0.54342	479900.00	3637500.00	0.61033
480000.00	3637500.00	0.72995	480100.00	3637500.00	0.91545
480200.00	3637500.00	1.01951	480300.00	3637500.00	1.05796
480400.00	3637500.00	1.08834	480500.00	3637500.00	1.09256
480600.00	3637500.00	1.03224	480700.00	3637500.00	0.91408
480800.00	3637500.00	0.81417	480900.00	3637500.00	0.72668
481000.00	3637500.00	0.64313	481100.00	3637500.00	0.56648
481200.00	3637500.00	0.49741	481300.00	3637500.00	0.43593
481400.00	3637500.00	0.38237	481500.00	3637500.00	0.33675
481600.00	3637500.00	0.29860	481700.00	3637500.00	0.26697
478900.00	3637600.00	0.16628	479000.00	3637600.00	0.17669
479100.00	3637600.00	0.18823	479200.00	3637600.00	0.20225
479300.00	3637600.00	0.22088	479400.00	3637600.00	0.24686
479500.00	3637600.00	0.28305	479600.00	3637600.00	0.33068
479700.00	3637600.00	0.38535	479800.00	3637600.00	0.43465
479900.00	3637600.00	0.48511	480000.00	3637600.00	0.58492
480100.00	3637600.00	0.71591	480200.00	3637600.00	0.77626
480300.00	3637600.00	0.78740	480400.00	3637600.00	0.79684
480500.00	3637600.00	0.80423	480600.00	3637600.00	0.77026
480700.00	3637600.00	0.69883	480800.00	3637600.00	0.63435
480900.00	3637600.00	0.58055	481000.00	3637600.00	0.52913
481100.00	3637600.00	0.48003	481200.00	3637600.00	0.43466
481300.00	3637600.00	0.39279	481400.00	3637600.00	0.35400
481500.00	3637600.00	0.31845	481600.00	3637600.00	0.28645
481700.00	3637600.00	0.25826	478900.00	3637700.00	0.14731
479000.00	3637700.00	0.15478	479100.00	3637700.00	0.16367
479200.00	3637700.00	0.17538	479300.00	3637700.00	0.19165
479400.00	3637700.00	0.21442	479500.00	3637700.00	0.24529
479600.00	3637700.00	0.28411	479700.00	3637700.00	0.32550
479800.00	3637700.00	0.36063	479900.00	3637700.00	0.40329
480000.00	3637700.00	0.48533	480100.00	3637700.00	0.57456
480200.00	3637700.00	0.60956	480300.00	3637700.00	0.61113
480400.00	3637700.00	0.61453	480500.00	3637700.00	0.62052
480600.00	3637700.00	0.59919	480700.00	3637700.00	0.55369
480800.00	3637700.00	0.51011	480900.00	3637700.00	0.47410
481000.00	3637700.00	0.44052	481100.00	3637700.00	0.40745

481200.00	3637700.00	0.37614	481300.00	3637700.00	0.34724
481400.00	3637700.00	0.32031	481500.00	3637700.00	0.29485
481600.00	3637700.00	0.27069	481700.00	3637700.00	0.24803
478900.00	3637800.00	0.12932	479000.00	3637800.00	0.13489

CONC URBAN ELEV DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
479100.00	3637800.00	0.14233	479200.00	3637800.00	0.15288
479300.00	3637800.00	0.16792	479400.00	3637800.00	0.18887
479500.00	3637800.00	0.21665	479600.00	3637800.00	0.24982
479700.00	3637800.00	0.28175	479800.00	3637800.00	0.30778
479900.00	3637800.00	0.34490	480000.00	3637800.00	0.41001
480100.00	3637800.00	0.46995	480200.00	3637800.00	0.49089
480300.00	3637800.00	0.49027	480400.00	3637800.00	0.49298
480500.00	3637800.00	0.49657	480600.00	3637800.00	0.48135
480700.00	3637800.00	0.45067	480800.00	3637800.00	0.42037
480900.00	3637800.00	0.39532	481000.00	3637800.00	0.37254
481100.00	3637800.00	0.34964	481200.00	3637800.00	0.32699
481300.00	3637800.00	0.30572	481400.00	3637800.00	0.28619
481500.00	3637800.00	0.26797	481600.00	3637800.00	0.25063
481700.00	3637800.00	0.23382	478900.00	3637900.00	0.11290
479000.00	3637900.00	0.11768	479100.00	3637900.00	0.12474
479200.00	3637900.00	0.13515	479300.00	3637900.00	0.15001
479400.00	3637900.00	0.17027	479500.00	3637900.00	0.19594
479600.00	3637900.00	0.22404	479700.00	3637900.00	0.24787
479800.00	3637900.00	0.26767	479900.00	3637900.00	0.30012
480000.00	3637900.00	0.35027	480100.00	3637900.00	0.39075
480200.00	3637900.00	0.40401	480300.00	3637900.00	0.40423
480400.00	3637900.00	0.40754	480500.00	3637900.00	0.40914
480600.00	3637900.00	0.39703	480700.00	3637900.00	0.37489
480800.00	3637900.00	0.35307	480900.00	3637900.00	0.33521
481000.00	3637900.00	0.31954	481100.00	3637900.00	0.30369
481200.00	3637900.00	0.28715	481300.00	3637900.00	0.27086
481400.00	3637900.00	0.25566	481500.00	3637900.00	0.24179
481600.00	3637900.00	0.22891	481700.00	3637900.00	0.21666
478900.00	3638000.00	0.09889	479000.00	3638000.00	0.10378
479100.00	3638000.00	0.11127	479200.00	3638000.00	0.12223
479300.00	3638000.00	0.13737	479400.00	3638000.00	0.15710
479500.00	3638000.00	0.18042	479600.00	3638000.00	0.20310
479700.00	3638000.00	0.22010	479800.00	3638000.00	0.23600
479900.00	3638000.00	0.26398	480000.00	3638000.00	0.30196
480100.00	3638000.00	0.32973	480200.00	3638000.00	0.33901
480300.00	3638000.00	0.34097	480400.00	3638000.00	0.34487

480500.00	3638000.00	0.34518	480600.00	3638000.00	0.33487
480700.00	3638000.00	0.31778	480800.00	3638000.00	0.30126
480900.00	3638000.00	0.28815	481000.00	3638000.00	0.27723
481100.00	3638000.00	0.26640	481200.00	3638000.00	0.25464

CONC URBAN ELEV DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
481300.00	3638000.00	0.24222	481400.00	3638000.00	0.23003
481500.00	3638000.00	0.21871	481600.00	3638000.00	0.20842
481700.00	3638000.00	0.19896	478900.00	3638100.00	0.08779
479000.00	3638100.00	0.09339	479100.00	3638100.00	0.10173
479200.00	3638100.00	0.11334	479300.00	3638100.00	0.12860
479400.00	3638100.00	0.14735	479500.00	3638100.00	0.16761
479600.00	3638100.00	0.18483	479700.00	3638100.00	0.19679
479800.00	3638100.00	0.21029	479900.00	3638100.00	0.23396
480000.00	3638100.00	0.26247	480100.00	3638100.00	0.28203
480200.00	3638100.00	0.28951	480300.00	3638100.00	0.29316
480400.00	3638100.00	0.29731	480500.00	3638100.00	0.29684
480600.00	3638100.00	0.28781	480700.00	3638100.00	0.27386
480800.00	3638100.00	0.26067	480900.00	3638100.00	0.25056
481000.00	3638100.00	0.24277	481100.00	3638100.00	0.23550
481200.00	3638100.00	0.22745	481300.00	3638100.00	0.21835
481400.00	3638100.00	0.20872	481500.00	3638100.00	0.19930
481600.00	3638100.00	0.19057	481700.00	3638100.00	0.18263
478900.00	3638200.00	0.07965	479000.00	3638200.00	0.08619
479100.00	3638200.00	0.09531	479200.00	3638200.00	0.10727
479300.00	3638200.00	0.12222	479400.00	3638200.00	0.13940
479500.00	3638200.00	0.15603	479600.00	3638200.00	0.16841
479700.00	3638200.00	0.17706	479800.00	3638200.00	0.18891
479900.00	3638200.00	0.20856	480000.00	3638200.00	0.22996
480100.00	3638200.00	0.24432	480200.00	3638200.00	0.25119
480300.00	3638200.00	0.25606	480400.00	3638200.00	0.26020
480500.00	3638200.00	0.25933	480600.00	3638200.00	0.25132
480700.00	3638200.00	0.23948	480800.00	3638200.00	0.22841
480900.00	3638200.00	0.22019	481000.00	3638200.00	0.21438
481100.00	3638200.00	0.20950	481200.00	3638200.00	0.20424
481300.00	3638200.00	0.19792	481400.00	3638200.00	0.19065
481500.00	3638200.00	0.18299	481600.00	3638200.00	0.17549
481700.00	3638200.00	0.16854			

**MODELOPTs:
CONC URBAN ELEV DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479700.00	3636250.00	9.25106c	(95102824)	479750.00	3636250.00	7.61433c	(95102824)
479800.00	3636250.00	6.52785c	(95030824)	479850.00	3636250.00	7.39440c	(95070524)
479900.00	3636250.00	7.56696c	(95070524)	479950.00	3636250.00	6.90440c	(95103124)
480000.00	3636250.00	12.44291c	(95022424)	480050.00	3636250.00	15.80002c	(95022424)
480100.00	3636250.00	13.91559c	(95022424)	480150.00	3636250.00	10.64210c	(95022424)
480200.00	3636250.00	9.02162c	(95052624)	480250.00	3636250.00	9.16704c	(95052624)
480300.00	3636250.00	9.28765c	(95022424)	480350.00	3636250.00	10.21461c	(95022424)
480400.00	3636250.00	11.13080c	(95022424)	480450.00	3636250.00	11.50675c	(95022424)
480500.00	3636250.00	10.88119c	(95022424)	480550.00	3636250.00	9.37370c	(95022424)
480600.00	3636250.00	9.35761c	(95022324)	480650.00	3636250.00	9.61528c	(95022324)
480700.00	3636250.00	9.61361c	(95022324)	480750.00	3636250.00	9.26477c	(95022324)
480800.00	3636250.00	8.70259c	(95022324)	480850.00	3636250.00	8.13559c	(95022324)
480900.00	3636250.00	7.68875c	(95022324)	479700.00	3636300.00	11.05242c	(95102824)
479750.00	3636300.00	10.34406c	(95102824)	479800.00	3636300.00	8.44060c	(95102824)
479850.00	3636300.00	8.09174c	(95070524)	479900.00	3636300.00	9.22211c	(95070524)
479950.00	3636300.00	8.52447c	(95070524)	480000.00	3636300.00	14.51283c	(95022424)
480050.00	3636300.00	19.22740c	(95022424)	480100.00	3636300.00	16.26864c	(95022424)
480150.00	3636300.00	12.38603c	(95022424)	480200.00	3636300.00	10.95604c	(95052624)
480250.00	3636300.00	10.59477c	(95022424)	480300.00	3636300.00	10.87777c	(95022424)
480350.00	3636300.00	11.58526c	(95022424)	480400.00	3636300.00	12.45893c	(95022424)
480450.00	3636300.00	12.81665c	(95022424)	480500.00	3636300.00	11.95242c	(95022424)
480550.00	3636300.00	10.22639c	(95022324)	480600.00	3636300.00	10.45405c	(95022324)
480650.00	3636300.00	10.55524c	(95022324)	480700.00	3636300.00	10.27651c	(95022324)
480750.00	3636300.00	9.66177c	(95022324)	480800.00	3636300.00	8.98513c	(95022324)
480850.00	3636300.00	8.46265c	(95022324)	480900.00	3636300.00	8.11481c	(95022324)
479700.00	3636350.00	12.16007c	(95102824)	479750.00	3636350.00	12.38717c	(95102824)
479800.00	3636350.00	11.81432c	(95102824)	479850.00	3636350.00	9.99461c	(95030824)
479900.00	3636350.00	10.85235c	(95070524)	479950.00	3636350.00	11.35747c	(95070524)
480000.00	3636350.00	17.21773c	(95022424)	480050.00	3636350.00	24.19273c	(95022424)
480100.00	3636350.00	19.57223c	(95022424)	480150.00	3636350.00	15.37381c	(95022424)
480200.00	3636350.00	13.87312c	(95022424)	480250.00	3636350.00	12.95757c	(95022324)
480300.00	3636350.00	13.93594c	(95022324)	480350.00	3636350.00	13.29060c	(95022324)
480400.00	3636350.00	13.76178c	(95022424)	480450.00	3636350.00	14.18940c	(95022424)
480500.00	3636350.00	13.07232c	(95022424)	480550.00	3636350.00	11.41052c	(95022324)
480600.00	3636350.00	11.53665c	(95022324)	480650.00	3636350.00	11.39066c	(95022324)
480700.00	3636350.00	10.78568c	(95022324)	480750.00	3636350.00	9.99548c	(95022324)
480800.00	3636350.00	9.38348c	(95022324)	480850.00	3636350.00	9.02690c	(95022324)

480900.00	3636350.00	8.77788c (95022324)	479700.00	3636400.00	12.59414c (95102824)
479750.00	3636400.00	13.64919c (95102824)	479800.00	3636400.00	14.12698c (95102824)
479850.00	3636400.00	13.93189c (95102824)	479900.00	3636400.00	12.51114c (95030824)

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479950.00	3636400.00	15.12741c	(95070524)	480000.00	3636400.00	20.96264c	(95022424)
480050.00	3636400.00	31.95518c	(95022424)	480100.00	3636400.00	25.05945c	(95022424)
480150.00	3636400.00	20.84384c	(95022424)	480200.00	3636400.00	17.63867c	(95022424)
480250.00	3636400.00	18.40988c	(95022324)	480300.00	3636400.00	16.79230c	(95022324)
480350.00	3636400.00	14.85179c	(95022324)	480400.00	3636400.00	15.06506c	(95022424)
480450.00	3636400.00	15.67342c	(95022424)	480500.00	3636400.00	14.28900c	(95022424)
480550.00	3636400.00	12.62802c	(95022324)	480600.00	3636400.00	12.56961c	(95022324)
480650.00	3636400.00	12.09730c	(95022324)	480700.00	3636400.00	11.22780c	(95022324)
480750.00	3636400.00	10.50459c	(95022324)	480800.00	3636400.00	10.16257c	(95022324)
480850.00	3636400.00	9.96885c	(95022324)	480900.00	3636400.00	9.66424c	(95022324)
479700.00	3636450.00	12.79600c	(95020224)	479750.00	3636450.00	14.13559c	(95102824)
479800.00	3636450.00	15.62113c	(95102824)	479850.00	3636450.00	16.57486c	(95102824)
479900.00	3636450.00	17.32115c	(95102824)	479950.00	3636450.00	18.57325c	(95070524)
480000.00	3636450.00	26.89733c	(95022424)	480050.00	3636450.00	46.33987c	(95022424)
480100.00	3636450.00	36.44440c	(95022424)	480150.00	3636450.00	29.16544c	(95022424)
480200.00	3636450.00	25.60785c	(95022324)	480250.00	3636450.00	21.63879c	(95022324)
480300.00	3636450.00	18.44268c	(95022324)	480350.00	3636450.00	16.52435c	(95022324)
480400.00	3636450.00	16.36616c	(95022424)	480450.00	3636450.00	17.30988c	(95022424)
480500.00	3636450.00	15.66889c	(95022424)	480550.00	3636450.00	13.81189c	(95022324)
480600.00	3636450.00	13.54612c	(95022324)	480650.00	3636450.00	12.76371c	(95022324)
480700.00	3636450.00	11.91484c	(95022324)	480750.00	3636450.00	11.60632c	(95022324)
480800.00	3636450.00	11.54810c	(95022324)	480850.00	3636450.00	11.23650c	(95022324)
480900.00	3636450.00	10.58869c	(95022324)	479700.00	3636500.00	14.53519c	(95020224)
479750.00	3636500.00	14.94292c	(95020224)	479800.00	3636500.00	16.15385c	(95102824)
479850.00	3636500.00	18.42029c	(95102824)	479900.00	3636500.00	20.47959c	(95102824)
479950.00	3636500.00	24.30236c	(95030824)	480250.00	3636500.00	24.43495c	(95022324)
480300.00	3636500.00	21.39254c	(95022324)	480350.00	3636500.00	19.84337c	(95022324)
480400.00	3636500.00	18.40839c	(95022324)	480450.00	3636500.00	19.14871c	(95022424)
480500.00	3636500.00	17.36709c	(95022424)	480550.00	3636500.00	14.94402c	(95022324)
480600.00	3636500.00	14.58320c	(95022324)	480650.00	3636500.00	13.75543c	(95022324)
480700.00	3636500.00	13.48768c	(95022324)	480750.00	3636500.00	13.68638c	(95022324)
480800.00	3636500.00	13.40711c	(95022324)	480850.00	3636500.00	12.46566c	(95022324)
480900.00	3636500.00	11.26348c	(95022324)	479700.00	3636550.00	15.59930c	(95112024)
479750.00	3636550.00	16.62831c	(95020224)	479800.00	3636550.00	17.73269c	(95020224)
479850.00	3636550.00	18.98216c	(95102824)	479900.00	3636550.00	22.84683c	(95102824)
479950.00	3636550.00	33.53957c	(95122524)	480400.00	3636550.00	20.74169c	(95022324)
480450.00	3636550.00	21.40984c	(95022424)	480500.00	3636550.00	19.77569c	(95022424)

480550.00	3636550.00	16.25782c (95022324)	480600.00	3636550.00	16.28704c (95031824)
480650.00	3636550.00	16.05586c (95022324)	480700.00	3636550.00	16.68319c (95022324)
480750.00	3636550.00	16.47162c (95022324)	480800.00	3636550.00	15.01866c (95022324)

CONC URBAN ELEV DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
480850.00	3636550.00	13.17213c	(95022324)	480900.00	3636550.00	11.59471c	(95052024)
479700.00	3636600.00	16.37710c	(95112024)	479750.00	3636600.00	17.74853c	(95112024)
479800.00	3636600.00	19.21798c	(95112024)	479850.00	3636600.00	21.38331c	(95020224)
479900.00	3636600.00	26.27523c	(95122524)	479950.00	3636600.00	40.65842c	(95122524)
480700.00	3636600.00	20.97253c	(95022324)	480750.00	3636600.00	18.51422c	(95022324)
480800.00	3636600.00	15.59822c	(95022324)	480850.00	3636600.00	13.48095c	(95052024)
480900.00	3636600.00	12.45648c	(95052024)	479700.00	3636650.00	16.18845c	(95112024)
479750.00	3636650.00	18.38215c	(95112024)	479800.00	3636650.00	20.46229c	(95112024)
479850.00	3636650.00	23.88982c	(95122524)	479900.00	3636650.00	31.24166c	(95122524)
479950.00	3636650.00	47.32139c	(95122524)	480700.00	3636650.00	23.31297c	(95022324)
480750.00	3636650.00	18.68867c	(95022324)	480800.00	3636650.00	15.78476c	(95052024)
480850.00	3636650.00	14.20627c	(95052024)	480900.00	3636650.00	13.04055c	(95052024)
479700.00	3636700.00	17.60633c	(95122524)	479750.00	3636700.00	19.75189c	(95122524)
479800.00	3636700.00	22.72941c	(95122524)	479850.00	3636700.00	27.31990c	(95122524)
479900.00	3636700.00	35.34610c	(95122524)	479950.00	3636700.00	53.08615c	(95122524)
480700.00	3636700.00	22.89981c	(95022324)	480750.00	3636700.00	18.72141c	(95022324)
480800.00	3636700.00	16.41014c	(95022324)	480850.00	3636700.00	14.91393c	(95052024)
480900.00	3636700.00	13.79740c	(95052024)	479700.00	3636750.00	19.26290c	(95122524)
479750.00	3636750.00	22.15589c	(95122524)	479800.00	3636750.00	25.75418c	(95122524)
479850.00	3636750.00	30.97428c	(95122524)	479900.00	3636750.00	39.79761c	(95122524)
479950.00	3636750.00	58.81256c	(95122524)	480700.00	3636750.00	24.38415c	(95022324)
480750.00	3636750.00	21.16139c	(95022324)	480800.00	3636750.00	18.62951c	(95022324)
480850.00	3636750.00	16.19979c	(95052024)	480900.00	3636750.00	14.61692c	(95052024)
479700.00	3636800.00	18.88668c	(95122524)	479750.00	3636800.00	23.03080c	(95122524)
479800.00	3636800.00	27.77179c	(95122524)	479850.00	3636800.00	33.84490c	(95122524)
479900.00	3636800.00	43.42071c	(95122524)	479950.00	3636800.00	63.32202c	(95122524)
480700.00	3636800.00	28.24992c	(95022324)	480750.00	3636800.00	24.35685c	(95022324)
480800.00	3636800.00	19.65112c	(95052024)	480850.00	3636800.00	17.37618c	(95052024)
480900.00	3636800.00	14.49665c	(95052024)	479700.00	3636850.00	15.83069c	(95122524)
479750.00	3636850.00	20.51506c	(95122524)	479800.00	3636850.00	26.85443c	(95122524)
479850.00	3636850.00	34.88147c	(95122524)	479900.00	3636850.00	45.85154c	(95122524)
479950.00	3636850.00	66.68090c	(95122524)	480650.00	3636850.00	37.40696c	(95022324)
480700.00	3636850.00	31.52806c	(95022324)	480750.00	3636850.00	25.81648c	(95052024)
480800.00	3636850.00	21.67739c	(95052024)	480850.00	3636850.00	16.86143c	(95052024)
480900.00	3636850.00	12.62639c	(95052024)	479700.00	3636900.00	14.45109c	(95012924)
479750.00	3636900.00	17.77592c	(95010624)	479800.00	3636900.00	22.25124c	(95010624)
479850.00	3636900.00	29.87436c	(95122524)	479900.00	3636900.00	44.19556c	(95122524)

479950.00	3636900.00	68.33949c (95122524)	480650.00	3636900.00	44.06929c (95022324)
480700.00	3636900.00	38.64476c (95052024)	480750.00	3636900.00	29.58049c (95052024)
480800.00	3636900.00	20.60617c (95052024)	480850.00	3636900.00	14.06056c (95052024)

**MODELOPTs:
CONC URBAN ELEV DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
480900.00	3636900.00	11.40457c	(95112024)	479700.00	3636950.00	16.31979c	(95010624)
479750.00	3636950.00	19.52518c	(95010624)	479800.00	3636950.00	23.86008c	(95010624)
479850.00	3636950.00	30.24438c	(95010624)	479900.00	3636950.00	40.77193c	(95010624)
479950.00	3636950.00	62.36637c	(95010624)	480650.00	3636950.00	64.49229c	(95052024)
480700.00	3636950.00	41.08140c	(95052024)	480750.00	3636950.00	25.16870c	(95052024)
480800.00	3636950.00	16.16882c	(95081824)	480850.00	3636950.00	12.69890c	(95081824)
480900.00	3636950.00	10.73814c	(95101824)	479700.00	3637000.00	17.65453c	(95010624)
479750.00	3637000.00	20.88963c	(95010624)	479800.00	3637000.00	25.36582c	(95010624)
479850.00	3637000.00	31.90746c	(95010624)	479900.00	3637000.00	42.18532c	(95010624)
479950.00	3637000.00	58.80769c	(95010624)	480650.00	3637000.00	56.22092c	(95052024)
480700.00	3637000.00	33.38164c	(95101824)	480750.00	3637000.00	25.06302c	(95101824)
480800.00	3637000.00	19.38226c	(95101824)	480850.00	3637000.00	15.29775c	(95101824)
480900.00	3637000.00	12.32794c	(95101824)	479700.00	3637050.00	18.48353c	(95010624)
479750.00	3637050.00	21.43378c	(95010624)	479800.00	3637050.00	24.97459c	(95010624)
479850.00	3637050.00	28.81857c	(95010624)	479900.00	3637050.00	33.35463c	(95010624)
479950.00	3637050.00	41.70112c	(95010624)	480000.00	3637050.00	54.55958c	(95021624)
480050.00	3637050.00	84.60312c	(95030424)	480100.00	3637050.00	112.38400c	(95030424)
480650.00	3637050.00	60.35142c	(95052324)	480700.00	3637050.00	34.49037c	(95052324)
480750.00	3637050.00	24.21488c	(95040824)	480800.00	3637050.00	18.36996c	(95040824)
480850.00	3637050.00	14.63428c	(95040824)	480900.00	3637050.00	12.08164c	(95040824)
479700.00	3637100.00	17.77368c	(95010624)	479750.00	3637100.00	19.54080c	(95010624)
479800.00	3637100.00	21.51824c	(95010624)	479850.00	3637100.00	24.19311c	(95010624)
479900.00	3637100.00	27.52398c	(95010624)	479950.00	3637100.00	35.22356c	(95021624)
480000.00	3637100.00	39.37007c	(95021624)	480050.00	3637100.00	54.63056c	(95030424)
480100.00	3637100.00	65.28202c	(95030424)	480150.00	3637100.00	66.40325c	(95030424)
480200.00	3637100.00	70.58174c	(95010624)	480650.00	3637100.00	62.40622c	(95052324)
480700.00	3637100.00	39.65133c	(95052324)	480750.00	3637100.00	27.36596c	(95052324)
480800.00	3637100.00	20.35106c	(95052324)	480850.00	3637100.00	16.04966c	(95052324)
480900.00	3637100.00	13.11906c	(95052324)	479700.00	3637150.00	15.87547c	(95010624)
479750.00	3637150.00	17.11992c	(95010624)	479800.00	3637150.00	18.68666c	(95010624)
479850.00	3637150.00	20.55167c	(95010624)	479900.00	3637150.00	22.82015c	(95021624)
479950.00	3637150.00	29.92589c	(95021624)	480000.00	3637150.00	32.23536c	(95110824)
480050.00	3637150.00	39.86744c	(95030424)	480100.00	3637150.00	48.73525c	(95030424)
480150.00	3637150.00	52.32992c	(95030424)	480200.00	3637150.00	48.44693c	(95030424)
480250.00	3637150.00	50.31823c	(95030424)	480300.00	3637150.00	63.81189c	(95030424)
480350.00	3637150.00	65.21230c	(95030424)	480400.00	3637150.00	63.67760c	(95030424)
480450.00	3637150.00	60.80415c	(95030424)	480500.00	3637150.00	59.43400c	(95052424)

480550.00	3637150.00	58.71815c (95052424)	480600.00	3637150.00	49.27182c (95052424)
480650.00	3637150.00	42.57151c (95052324)	480700.00	3637150.00	34.95518c (95052324)
480750.00	3637150.00	27.00257c (95052324)	480800.00	3637150.00	20.84311c (95052324)

CONC URBAN ELEV DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
480850.00	3637150.00	16.49372c	(95052324)	480900.00	3637150.00	13.47153c	(95052324)
479700.00	3637200.00	14.31845c	(95010624)	479750.00	3637200.00	15.55622c	(95010624)
479800.00	3637200.00	17.20957c	(95010624)	479850.00	3637200.00	19.36791c	(95010624)
479900.00	3637200.00	21.83515c	(95010624)	479950.00	3637200.00	25.15088c	(95021624)
480000.00	3637200.00	27.24182c	(95110824)	480050.00	3637200.00	32.81843c	(95030424)
480100.00	3637200.00	39.52787c	(95030424)	480150.00	3637200.00	41.26709c	(95030424)
480200.00	3637200.00	38.22397c	(95030424)	480250.00	3637200.00	38.12652c	(95030424)
480300.00	3637200.00	42.49461c	(95030424)	480350.00	3637200.00	43.00655c	(95030424)
480400.00	3637200.00	41.09133c	(95030424)	480450.00	3637200.00	38.40358c	(95030424)
480500.00	3637200.00	39.74873c	(95052424)	480550.00	3637200.00	40.16420c	(95052424)
480600.00	3637200.00	34.91122c	(95052424)	480650.00	3637200.00	29.06973c	(95052324)
480700.00	3637200.00	27.21723c	(95052324)	480750.00	3637200.00	23.72879c	(95052324)
480800.00	3637200.00	19.92448c	(95052324)	480850.00	3637200.00	16.44759c	(95052324)
480900.00	3637200.00	13.60859c	(95052324)	479700.00	3637250.00	13.53484c	(95010624)
479750.00	3637250.00	14.89489c	(95010624)	479800.00	3637250.00	16.45228c	(95010624)
479850.00	3637250.00	17.85877c	(95010624)	479900.00	3637250.00	19.97251c	(95021624)
479950.00	3637250.00	22.57518c	(95110824)	480000.00	3637250.00	23.05465c	(95110824)
480050.00	3637250.00	27.81660c	(95030424)	480100.00	3637250.00	31.97499c	(95030424)
480150.00	3637250.00	32.78383c	(95030424)	480200.00	3637250.00	30.84697c	(95030424)
480250.00	3637250.00	30.22912c	(95030424)	480300.00	3637250.00	31.34018c	(95030424)
480350.00	3637250.00	30.94545c	(95030424)	480400.00	3637250.00	29.71868c	(95030424)
480450.00	3637250.00	28.14273c	(95030424)	480500.00	3637250.00	28.56720c	(95052424)
480550.00	3637250.00	29.39185c	(95052424)	480600.00	3637250.00	26.36834c	(95052424)
480650.00	3637250.00	21.74107c	(95052424)	480700.00	3637250.00	20.78886c	(95052324)
480750.00	3637250.00	19.54369c	(95052324)	480800.00	3637250.00	17.62184c	(95052324)
480850.00	3637250.00	15.48438c	(95052324)	480900.00	3637250.00	13.36155c	(95052324)
479700.00	3637300.00	12.65334c	(95010624)	479750.00	3637300.00	13.47855c	(95010624)
479800.00	3637300.00	13.98491c	(95010624)	479850.00	3637300.00	15.12291c	(95021624)
479900.00	3637300.00	18.12478c	(95021624)	479950.00	3637300.00	20.23446c	(95110824)
480000.00	3637300.00	19.44270c	(95110824)	480050.00	3637300.00	23.35847c	(95030424)
480100.00	3637300.00	26.04196c	(95030424)	480150.00	3637300.00	26.49917c	(95030424)
480200.00	3637300.00	25.09443c	(95030424)	480250.00	3637300.00	24.36330c	(95030424)
480300.00	3637300.00	24.44970c	(95030424)	480350.00	3637300.00	24.00910c	(95030424)
480400.00	3637300.00	23.36403c	(95030424)	480450.00	3637300.00	22.28609c	(95030424)
480500.00	3637300.00	21.39239c	(95052424)	480550.00	3637300.00	22.27800c	(95052424)
480600.00	3637300.00	20.53248c	(95052424)	480650.00	3637300.00	17.55922c	(95052424)
480700.00	3637300.00	16.03874c	(95052424)	480750.00	3637300.00	15.70407c	(95052324)

480800.00	3637300.00	14.91658c (95052324)	480850.00	3637300.00	13.77156c (95052324)
480900.00	3637300.00	12.46214c (95052324)	479700.00	3637350.00	10.69797c (95010624)
479750.00	3637350.00	10.68139c (95010624)	479800.00	3637350.00	11.31399c (95021624)

CONC URBAN ELEV DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479850.00	3637350.00	14.58427c	(95021624)	479900.00	3637350.00	16.32561c	(95021624)
479950.00	3637350.00	18.02476c	(95110824)	480000.00	3637350.00	16.65973c	(95030424)
480050.00	3637350.00	19.58255c	(95030424)	480100.00	3637350.00	21.46606c	(95030424)
480150.00	3637350.00	21.65774c	(95030424)	480200.00	3637350.00	20.62081c	(95030424)
480250.00	3637350.00	20.01822c	(95030424)	480300.00	3637350.00	19.97142c	(95030424)
480350.00	3637350.00	19.75864c	(95030424)	480400.00	3637350.00	19.32885c	(95030424)
480450.00	3637350.00	18.42446c	(95030424)	480500.00	3637350.00	16.80624c	(95030424)
480550.00	3637350.00	17.28315c	(95052424)	480600.00	3637350.00	16.29803c	(95052424)
480650.00	3637350.00	14.37133c	(95052424)	480700.00	3637350.00	13.17612c	(95052424)
480750.00	3637350.00	12.74241c	(95052424)	480800.00	3637350.00	12.31644c	(95052324)
480850.00	3637350.00	11.82465c	(95052324)	480900.00	3637350.00	11.11505c	(95052324)
479700.00	3637400.00	8.06570c	(95010624)	479750.00	3637400.00	8.47484c	(95021624)
479800.00	3637400.00	11.34472c	(95021624)	479850.00	3637400.00	13.86196c	(95021624)
479900.00	3637400.00	15.40135c	(95110824)	479950.00	3637400.00	15.93215c	(95110824)
480000.00	3637400.00	14.33109c	(95030424)	480050.00	3637400.00	16.51128c	(95030424)
480100.00	3637400.00	17.87334c	(95030424)	480150.00	3637400.00	17.93309c	(95030424)
480200.00	3637400.00	17.22707c	(95030424)	480250.00	3637400.00	16.85370c	(95030424)
480300.00	3637400.00	16.89361c	(95030424)	480350.00	3637400.00	16.84401c	(95030424)
480400.00	3637400.00	16.48342c	(95030424)	480450.00	3637400.00	15.69988c	(95030424)
480500.00	3637400.00	14.35475c	(95030424)	480550.00	3637400.00	13.65104c	(95052424)
480600.00	3637400.00	13.09862c	(95052424)	480650.00	3637400.00	11.84944c	(95052424)
480700.00	3637400.00	10.94430c	(95052424)	480750.00	3637400.00	10.64060c	(95052424)
480800.00	3637400.00	10.49274c	(95052424)	480850.00	3637400.00	10.13642c	(95052424)
480900.00	3637400.00	9.62426c	(95052324)	478900.00	3635500.00	4.00860c	(95102824)
479000.00	3635500.00	3.53204c	(95102824)	479100.00	3635500.00	2.67130c	(95102824)
479200.00	3635500.00	1.88711c	(95030824)	479300.00	3635500.00	1.63604c	(95030824)
479400.00	3635500.00	1.62883c	(95070524)	479500.00	3635500.00	1.81966c	(95070524)
479600.00	3635500.00	1.80693c	(95070524)	479700.00	3635500.00	1.65693c	(95070524)
479800.00	3635500.00	1.47015c	(95103124)	479900.00	3635500.00	2.30150c	(95103124)
480000.00	3635500.00	3.32062c	(95022424)	480100.00	3635500.00	3.73925c	(95022424)
480200.00	3635500.00	3.48841c	(95022424)	480300.00	3635500.00	3.04216c	(95022424)
480400.00	3635500.00	2.70838c	(95022424)	480500.00	3635500.00	2.42191c	(95022424)
480600.00	3635500.00	2.27367c	(95111424)	480700.00	3635500.00	2.40687c	(95111424)
480800.00	3635500.00	2.50891	(95083124)	480900.00	3635500.00	2.62649	(95083124)
481000.00	3635500.00	2.68167	(95083124)	481100.00	3635500.00	2.64415	(95083124)
481200.00	3635500.00	2.49477	(95083124)	481300.00	3635500.00	2.62073c	(95022324)
481400.00	3635500.00	2.74038c	(95022324)	481500.00	3635500.00	2.83482c	(95022324)

481600.00	3635500.00	2.90500c (95022324)	481700.00	3635500.00	2.93635c (95022324)
478900.00	3635600.00	4.30106c (95102824)	479000.00	3635600.00	4.37431c (95102824)
479100.00	3635600.00	3.80222c (95102824)	479200.00	3635600.00	2.79590c (95102824)

CONC URBAN ELEV DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479300.00	3635600.00	2.06365c	(95030824)	479400.00	3635600.00	1.79329c	(95111824)
479500.00	3635600.00	1.97399c	(95070524)	479600.00	3635600.00	2.07516c	(95070524)
479700.00	3635600.00	1.95264c	(95070524)	479800.00	3635600.00	1.73291c	(95070524)
479900.00	3635600.00	2.49920c	(95103124)	480000.00	3635600.00	3.72081c	(95022424)
480100.00	3635600.00	4.18905c	(95022424)	480200.00	3635600.00	3.80359c	(95022424)
480300.00	3635600.00	3.27379c	(95022424)	480400.00	3635600.00	2.98611c	(95022424)
480500.00	3635600.00	2.76090c	(95022424)	480600.00	3635600.00	2.61467c	(95111424)
480700.00	3635600.00	2.68349c	(95031824)	480800.00	3635600.00	2.69337c	(95031824)
480900.00	3635600.00	2.76924	(95083124)	481000.00	3635600.00	2.79588	(95083124)
481100.00	3635600.00	2.83994c	(95022324)	481200.00	3635600.00	3.03287c	(95022324)
481300.00	3635600.00	3.13134c	(95022324)	481400.00	3635600.00	3.18655c	(95022324)
481500.00	3635600.00	3.22091c	(95022324)	481600.00	3635600.00	3.22510c	(95022324)
481700.00	3635600.00	3.17250c	(95022324)	478900.00	3635700.00	3.98447c	(95102824)
479000.00	3635700.00	4.72645c	(95102824)	479100.00	3635700.00	4.80508c	(95102824)
479200.00	3635700.00	4.11188c	(95102824)	479300.00	3635700.00	2.92668c	(95102824)
479400.00	3635700.00	2.25751c	(95030824)	479500.00	3635700.00	2.06533c	(95070524)
479600.00	3635700.00	2.35635c	(95070524)	479700.00	3635700.00	2.31169c	(95070524)
479800.00	3635700.00	2.07509c	(95070524)	479900.00	3635700.00	2.72154c	(95103124)
480000.00	3635700.00	4.22208c	(95022424)	480100.00	3635700.00	4.75104c	(95022424)
480200.00	3635700.00	4.16322c	(95022424)	480300.00	3635700.00	3.54046c	(95022424)
480400.00	3635700.00	3.35124c	(95022424)	480500.00	3635700.00	3.22953c	(95022424)
480600.00	3635700.00	2.95250c	(95031824)	480700.00	3635700.00	3.03985c	(95031824)
480800.00	3635700.00	2.95060c	(95031824)	480900.00	3635700.00	2.92262	(95083124)
481000.00	3635700.00	3.29308c	(95022324)	481100.00	3635700.00	3.54725c	(95022324)
481200.00	3635700.00	3.62467c	(95022324)	481300.00	3635700.00	3.62049c	(95022324)
481400.00	3635700.00	3.59804c	(95022324)	481500.00	3635700.00	3.56186c	(95022324)
481600.00	3635700.00	3.48024c	(95022324)	481700.00	3635700.00	3.31988c	(95022324)
478900.00	3635800.00	3.73462c	(95020224)	479000.00	3635800.00	4.35165c	(95102824)
479100.00	3635800.00	5.23420c	(95102824)	479200.00	3635800.00	5.32233c	(95102824)
479300.00	3635800.00	4.47116c	(95102824)	479400.00	3635800.00	3.06026c	(95102824)
479500.00	3635800.00	2.46082c	(95030824)	479600.00	3635800.00	2.60936c	(95070524)
479700.00	3635800.00	2.74524c	(95070524)	479800.00	3635800.00	2.50998c	(95070524)
479900.00	3635800.00	2.96506c	(95103124)	480000.00	3635800.00	4.86376c	(95022424)
480100.00	3635800.00	5.46816c	(95022424)	480200.00	3635800.00	4.57400c	(95022424)
480300.00	3635800.00	3.86180c	(95022424)	480400.00	3635800.00	3.85964c	(95022424)
480500.00	3635800.00	3.89454c	(95022424)	480600.00	3635800.00	3.54119c	(95022424)
480700.00	3635800.00	3.37837c	(95031824)	480800.00	3635800.00	3.21429c	(95031824)

480900.00	3635800.00	3.81733c (95022324)	481000.00	3635800.00	4.18570c (95022324)
481100.00	3635800.00	4.25147c (95022324)	481200.00	3635800.00	4.16257c (95022324)
481300.00	3635800.00	4.05469c (95022324)	481400.00	3635800.00	3.96107c (95022324)

CONC URBAN ELEV DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
481500.00	3635800.00	3.84025c	(95022324)	481600.00	3635800.00	3.64204c	(95022324)
481700.00	3635800.00	3.34167c	(95022324)	478900.00	3635900.00	5.11609c	(95020224)
479000.00	3635900.00	4.51745c	(95020224)	479100.00	3635900.00	4.78648c	(95102824)
479200.00	3635900.00	5.84673c	(95102824)	479300.00	3635900.00	5.95176c	(95102824)
479400.00	3635900.00	4.89784c	(95102824)	479500.00	3635900.00	3.25848c	(95030824)
479600.00	3635900.00	2.75175c	(95070524)	479700.00	3635900.00	3.24070c	(95070524)
479800.00	3635900.00	3.08921c	(95070524)	479900.00	3635900.00	3.21410c	(95103124)
480000.00	3635900.00	5.70664c	(95022424)	480100.00	3635900.00	6.41023c	(95022424)
480200.00	3635900.00	5.05215c	(95022424)	480300.00	3635900.00	4.28145c	(95022424)
480400.00	3635900.00	4.60692c	(95022424)	480500.00	3635900.00	4.84197c	(95022424)
480600.00	3635900.00	4.35666c	(95022424)	480700.00	3635900.00	3.70794c	(95031824)
480800.00	3635900.00	4.40923c	(95022324)	480900.00	3635900.00	4.96678c	(95022324)
481000.00	3635900.00	5.05105c	(95022324)	481100.00	3635900.00	4.85209c	(95022324)
481200.00	3635900.00	4.61820c	(95022324)	481300.00	3635900.00	4.44019c	(95022324)
481400.00	3635900.00	4.26902c	(95022324)	481500.00	3635900.00	4.02449c	(95022324)
481600.00	3635900.00	3.66423c	(95022324)	481700.00	3635900.00	3.37935c	(95052024)
478900.00	3636000.00	5.78207c	(95020224)	479000.00	3636000.00	5.91196c	(95020224)
479100.00	3636000.00	5.45683c	(95020224)	479200.00	3636000.00	5.30803c	(95102824)
479300.00	3636000.00	6.60009c	(95102824)	479400.00	3636000.00	6.73729c	(95102824)
479500.00	3636000.00	5.41571c	(95102824)	479600.00	3636000.00	3.75603c	(95030824)
479700.00	3636000.00	3.70946c	(95070524)	479800.00	3636000.00	3.88591c	(95070524)
479900.00	3636000.00	3.43194c	(95103124)	480000.00	3636000.00	6.84770c	(95022424)
480100.00	3636000.00	7.68502c	(95022424)	480200.00	3636000.00	5.63012c	(95022424)
480300.00	3636000.00	5.00012c	(95052624)	480400.00	3636000.00	5.74773c	(95022424)
480500.00	3636000.00	6.15501c	(95022424)	480600.00	3636000.00	5.32559c	(95022424)
480700.00	3636000.00	5.09572c	(95022324)	480800.00	3636000.00	5.89693c	(95022324)
480900.00	3636000.00	6.06542c	(95022324)	481000.00	3636000.00	5.73736c	(95022324)
481100.00	3636000.00	5.32371c	(95022324)	481200.00	3636000.00	5.02627c	(95022324)
481300.00	3636000.00	4.79095c	(95022324)	481400.00	3636000.00	4.49068c	(95022324)
481500.00	3636000.00	4.05485c	(95022324)	481600.00	3636000.00	3.84359c	(95052024)
481700.00	3636000.00	3.70033c	(95052024)	478900.00	3636100.00	6.03720c	(95112024)
479000.00	3636100.00	6.51295c	(95112024)	479100.00	3636100.00	6.76837c	(95020224)
479200.00	3636100.00	6.55929c	(95020224)	479300.00	3636100.00	5.94764c	(95102824)
479400.00	3636100.00	7.53884c	(95102824)	479500.00	3636100.00	7.74835c	(95102824)
479600.00	3636100.00	6.07738c	(95102824)	479700.00	3636100.00	4.32910c	(95030824)
479800.00	3636100.00	4.92919c	(95070524)	479900.00	3636100.00	4.38433c	(95070524)
480000.00	3636100.00	8.45284c	(95022424)	480100.00	3636100.00	9.47528c	(95022424)

480200.00	3636100.00	6.40756c (95022424)	480300.00	3636100.00	6.44869c (95052624)
480400.00	3636100.00	7.46670c (95022424)	480500.00	3636100.00	7.85261c (95022424)
480600.00	3636100.00	6.34902c (95022424)	480700.00	3636100.00	6.97147c (95022324)

CONC URBAN ELEV DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
480800.00	3636100.00	7.32531c	(95022324)	480900.00	3636100.00	6.88221c	(95022324)
481000.00	3636100.00	6.22803c	(95022324)	481100.00	3636100.00	5.76884c	(95022324)
481200.00	3636100.00	5.45032c	(95022324)	481300.00	3636100.00	5.07896c	(95022324)
481400.00	3636100.00	4.54163c	(95022324)	481500.00	3636100.00	4.40203c	(95052024)
481600.00	3636100.00	4.18069c	(95052024)	481700.00	3636100.00	3.87466c	(95052024)
478900.00	3636200.00	5.05542c	(95112024)	479000.00	3636200.00	6.35282c	(95112024)
479100.00	3636200.00	7.28066c	(95112024)	479200.00	3636200.00	7.66651c	(95020224)
479300.00	3636200.00	7.82799c	(95020224)	479400.00	3636200.00	7.17053c	(95020224)
479500.00	3636200.00	8.74039c	(95102824)	479600.00	3636200.00	9.10818c	(95102824)
479700.00	3636200.00	6.98934c	(95102824)	479800.00	3636200.00	5.94825c	(95070524)
479900.00	3636200.00	6.19992c	(95070524)	480000.00	3636200.00	10.81677c	(95022424)
480100.00	3636200.00	12.10244c	(95022424)	480200.00	3636200.00	7.74491c	(95022424)
480300.00	3636200.00	8.16841c	(95052624)	480400.00	3636200.00	9.81219c	(95022424)
480500.00	3636200.00	9.83546c	(95022424)	480600.00	3636200.00	8.25138c	(95022324)
480700.00	3636200.00	8.81304c	(95022324)	480800.00	3636200.00	8.36675c	(95022324)
480900.00	3636200.00	7.40786c	(95022324)	481000.00	3636200.00	6.74744c	(95022324)
481100.00	3636200.00	6.32993c	(95022324)	481200.00	3636200.00	5.85533c	(95022324)
481300.00	3636200.00	5.29232c	(95052024)	481400.00	3636200.00	5.09417c	(95052024)
481500.00	3636200.00	4.76220c	(95052024)	481600.00	3636200.00	4.33197c	(95052024)
481700.00	3636200.00	3.84637c	(95052024)	478900.00	3636300.00	4.00278c	(95122524)
479000.00	3636300.00	4.71826c	(95112024)	479100.00	3636300.00	6.46211c	(95112024)
479200.00	3636300.00	7.97048c	(95112024)	479300.00	3636300.00	8.83782c	(95112024)
479400.00	3636300.00	9.27596c	(95020224)	479500.00	3636300.00	9.00896c	(95020224)
479600.00	3636300.00	10.33579c	(95102824)	481000.00	3636300.00	7.60332c	(95022324)
481100.00	3636300.00	6.94650c	(95022324)	481200.00	3636300.00	6.30833c	(95052024)
481300.00	3636300.00	5.98034c	(95052024)	481400.00	3636300.00	5.48072c	(95052024)
481500.00	3636300.00	4.87300c	(95052024)	481600.00	3636300.00	4.21931c	(95052024)
481700.00	3636300.00	3.57576c	(95052024)	478900.00	3636400.00	4.74894c	(95122724)
479000.00	3636400.00	4.81053c	(95122724)	479100.00	3636400.00	5.03795c	(95122524)
479200.00	3636400.00	6.26203c	(95112024)	479300.00	3636400.00	8.50330c	(95112024)
479400.00	3636400.00	10.16319c	(95112024)	479500.00	3636400.00	10.98529c	(95020224)
479600.00	3636400.00	11.31897c	(95020224)	481000.00	3636400.00	8.60132c	(95022324)
481100.00	3636400.00	7.70375c	(95052024)	481200.00	3636400.00	7.14150c	(95052024)
481300.00	3636400.00	6.37962c	(95052024)	481400.00	3636400.00	5.51288c	(95052024)
481500.00	3636400.00	4.63073c	(95052024)	481600.00	3636400.00	3.80516c	(95052024)
481700.00	3636400.00	3.08314c	(95052024)	478900.00	3636500.00	4.79130c	(95122724)
479000.00	3636500.00	5.35888c	(95122724)	479100.00	3636500.00	5.77392c	(95122724)

479200.00	3636500.00	6.19010c (95122524)	479300.00	3636500.00	6.77822c (95122524)
479400.00	3636500.00	8.73267c (95112024)	479500.00	3636500.00	11.54439c (95112024)
479600.00	3636500.00	13.28823c (95112024)	481000.00	3636500.00	9.67780c (95052024)

**MODELOPTs:
CONC URBAN ELEV DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
481100.00	3636500.00	8.67145c	(95052024)	481200.00	3636500.00	7.50870c	(95052024)
481300.00	3636500.00	6.27077c	(95052024)	481400.00	3636500.00	5.07061c	(95052024)
481500.00	3636500.00	4.01048c	(95052024)	481600.00	3636500.00	3.14342c	(95052024)
481700.00	3636500.00	2.60451c	(95051924)	478900.00	3636600.00	3.47773c	(95122724)
479000.00	3636600.00	4.40906c	(95122724)	479100.00	3636600.00	5.42219c	(95122724)
479200.00	3636600.00	6.39881c	(95122724)	479300.00	3636600.00	7.37542c	(95122524)
479400.00	3636600.00	8.84469c	(95122524)	479500.00	3636600.00	10.10031c	(95122524)
479600.00	3636600.00	12.93838c	(95112024)	481000.00	3636600.00	10.70917c	(95052024)
481100.00	3636600.00	8.99137c	(95052024)	481200.00	3636600.00	7.18467c	(95052024)
481300.00	3636600.00	5.50985c	(95052024)	481400.00	3636600.00	4.14615c	(95052024)
481500.00	3636600.00	3.26928c	(95022524)	481600.00	3636600.00	2.92724c	(95081824)
481700.00	3636600.00	2.65540c	(95081824)	478900.00	3636700.00	3.23995c	(95112824)
479000.00	3636700.00	3.52451c	(95112824)	479100.00	3636700.00	3.81351c	(95012224)
479200.00	3636700.00	4.54583c	(95122524)	479300.00	3636700.00	6.06165c	(95122724)
479400.00	3636700.00	8.20583c	(95122524)	479500.00	3636700.00	11.05678c	(95122524)
479600.00	3636700.00	14.23415c	(95122524)	481000.00	3636700.00	11.18300c	(95052024)
481100.00	3636700.00	8.26785c	(95052024)	481200.00	3636700.00	5.82787c	(95052024)
481300.00	3636700.00	4.35269c	(95022524)	481400.00	3636700.00	3.76110c	(95081824)
481500.00	3636700.00	3.29670c	(95081824)	481600.00	3636700.00	2.87971c	(95081824)
481700.00	3636700.00	2.63708c	(95031924)	478900.00	3636800.00	3.59284c	(95112324)
479000.00	3636800.00	3.94047c	(95112324)	479100.00	3636800.00	4.34797c	(95112324)
479200.00	3636800.00	4.83747c	(95112324)	479300.00	3636800.00	5.44438c	(95112324)
479400.00	3636800.00	6.42139c	(95012224)	479500.00	3636800.00	8.42668c	(95122524)
479600.00	3636800.00	12.39442c	(95122524)	481000.00	3636800.00	9.16034c	(95052024)
481100.00	3636800.00	6.18210c	(95022524)	481200.00	3636800.00	5.05554c	(95081824)
481300.00	3636800.00	4.20321c	(95081824)	481400.00	3636800.00	3.77487c	(95031924)
481500.00	3636800.00	3.39436c	(95031924)	481600.00	3636800.00	3.05128c	(95031924)
481700.00	3636800.00	2.74657c	(95031924)	478900.00	3636900.00	4.88186c	(95112324)
479000.00	3636900.00	5.30961c	(95112324)	479100.00	3636900.00	5.80336c	(95112324)
479200.00	3636900.00	6.38320c	(95112324)	479300.00	3636900.00	7.07209c	(95112324)
479400.00	3636900.00	7.90735c	(95112324)	479500.00	3636900.00	8.94816c	(95112324)
479600.00	3636900.00	10.70262c	(95012924)	481000.00	3636900.00	8.03161c	(95112024)
481100.00	3636900.00	6.09010c	(95031924)	481200.00	3636900.00	5.15199c	(95101824)
481300.00	3636900.00	4.42497c	(95101824)	481400.00	3636900.00	3.88428c	(95020524)
481500.00	3636900.00	3.59621c	(95020524)	481600.00	3636900.00	3.34451c	(95020524)
481700.00	3636900.00	3.12173c	(95020524)	478900.00	3637000.00	5.70096c	(95112324)
479000.00	3637000.00	6.15451c	(95112324)	479100.00	3637000.00	6.67653c	(95112324)

479200.00	3637000.00	7.28569c (95112324)	479300.00	3637000.00	8.01849c (95112324)
479400.00	3637000.00	8.91653c (95112324)	479500.00	3637000.00	10.32005c (95112924)
479600.00	3637000.00	13.19537c (95010624)	481000.00	3637000.00	8.56078c (95040824)

**MODELOPTs:
CONC URBAN ELEV DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
481100.00	3637000.00	6.75000c	(95040824)	481200.00	3637000.00	5.47287c	(95040824)
481300.00	3637000.00	4.99052c	(95020524)	481400.00	3637000.00	4.67462c	(95020524)
481500.00	3637000.00	4.38193c	(95020524)	481600.00	3637000.00	4.11047c	(95020524)
481700.00	3637000.00	3.85848c	(95020524)	478900.00	3637100.00	5.40680c	(95112324)
479000.00	3637100.00	5.73401c	(95112324)	479100.00	3637100.00	6.09931c	(95112324)
479200.00	3637100.00	6.75810c	(95010624)	479300.00	3637100.00	8.16581c	(95010624)
479400.00	3637100.00	9.86747c	(95010624)	479500.00	3637100.00	11.93517c	(95010624)
479600.00	3637100.00	14.54301c	(95010624)	481000.00	3637100.00	9.23186c	(95052324)
481100.00	3637100.00	6.77887c	(95052324)	481200.00	3637100.00	5.85467c	(95020524)
481300.00	3637100.00	5.48476c	(95020524)	481400.00	3637100.00	5.18219c	(95020524)
481500.00	3637100.00	4.90957c	(95020524)	481600.00	3637100.00	4.65598c	(95020524)
481700.00	3637100.00	4.41595c	(95020524)	478900.00	3637200.00	5.07053c	(95010624)
479000.00	3637200.00	5.94543c	(95010624)	479100.00	3637200.00	6.91729c	(95010624)
479200.00	3637200.00	7.98079c	(95010624)	479300.00	3637200.00	9.11415c	(95010624)
479400.00	3637200.00	10.28518c	(95010624)	479500.00	3637200.00	11.45144c	(95010624)
479600.00	3637200.00	12.65768c	(95010624)	481000.00	3637200.00	9.73889c	(95052324)
481100.00	3637200.00	7.34031c	(95052324)	481200.00	3637200.00	5.69522c	(95052324)
481300.00	3637200.00	4.81095c	(95020524)	481400.00	3637200.00	4.75355c	(95020524)
481500.00	3637200.00	4.66356c	(95020524)	481600.00	3637200.00	4.55062c	(95020524)
481700.00	3637200.00	4.42305c	(95020524)	478900.00	3637300.00	6.00756c	(95010624)
479000.00	3637300.00	6.71664c	(95010624)	479100.00	3637300.00	7.40754c	(95010624)
479200.00	3637300.00	8.04204c	(95010624)	479300.00	3637300.00	8.60650c	(95010624)
479400.00	3637300.00	9.14729c	(95010624)	479500.00	3637300.00	9.84458c	(95010624)
479600.00	3637300.00	10.98557c	(95010624)	481000.00	3637300.00	9.77793c	(95052324)
481100.00	3637300.00	7.55647c	(95052324)	481200.00	3637300.00	5.92714c	(95052324)
481300.00	3637300.00	4.73720c	(95052324)	481400.00	3637300.00	3.85109c	(95052324)
481500.00	3637300.00	3.45223c	(95020524)	481600.00	3637300.00	3.59572c	(95020524)
481700.00	3637300.00	3.68108c	(95020524)	478900.00	3637400.00	6.24790c	(95010624)
479000.00	3637400.00	6.62738c	(95010624)	479100.00	3637400.00	6.93108c	(95010624)
479200.00	3637400.00	7.17703c	(95010624)	479300.00	3637400.00	7.42743c	(95010624)
479400.00	3637400.00	7.75259c	(95010624)	479500.00	3637400.00	8.14268c	(95010624)
479600.00	3637400.00	8.38122c	(95010624)	481000.00	3637400.00	8.62876c	(95052324)
481100.00	3637400.00	7.35702c	(95052324)	481200.00	3637400.00	6.07395c	(95052324)
481300.00	3637400.00	4.96032c	(95052324)	481400.00	3637400.00	4.06117c	(95052324)
481500.00	3637400.00	3.35327c	(95052324)	481600.00	3637400.00	2.80106c	(95052324)
481700.00	3637400.00	2.46797c	(95020524)	478900.00	3637500.00	5.77208c	(95010624)

479000.00	3637500.00	5.85077c (95010624)	479100.00	3637500.00	5.86826c (95010624)
479200.00	3637500.00	5.84047c (95010624)	479300.00	3637500.00	5.75270c (95010624)
479400.00	3637500.00	5.54894c (95010624)	479500.00	3637500.00	5.16814c (95010624)
479600.00	3637500.00	4.75473c (95031924)	479700.00	3637500.00	6.66094c (95021624)

CONC URBAN ELEV DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479800.00	3637500.00	11.00338c	(95021624)	479900.00	3637500.00	13.14847c	(95110824)
480000.00	3637500.00	10.68644c	(95030424)	480100.00	3637500.00	12.86137c	(95030424)
480200.00	3637500.00	12.88067c	(95110524)	480300.00	3637500.00	12.83534c	(95030424)
480400.00	3637500.00	12.65388c	(95030424)	480500.00	3637500.00	11.11852c	(95030424)
480600.00	3637500.00	8.72758c	(95052424)	480700.00	3637500.00	7.66980c	(95052424)
480800.00	3637500.00	7.56056c	(95052424)	480900.00	3637500.00	7.57734c	(95052424)
481000.00	3637500.00	6.94099c	(95052424)	481100.00	3637500.00	6.32105c	(95052324)
481200.00	3637500.00	5.70143c	(95052324)	481300.00	3637500.00	4.96621c	(95052324)
481400.00	3637500.00	4.22687c	(95052324)	481500.00	3637500.00	3.55765c	(95052324)
481600.00	3637500.00	2.98891c	(95052324)	481700.00	3637500.00	2.52139c	(95052324)
478900.00	3637600.00	4.77813c	(95010624)	479000.00	3637600.00	4.60123c	(95010624)
479100.00	3637600.00	4.34360c	(95010624)	479200.00	3637600.00	3.99963c	(95010624)
479300.00	3637600.00	3.57789c	(95010624)	479400.00	3637600.00	3.86234c	(95031924)
479500.00	3637600.00	4.08030c	(95031924)	479600.00	3637600.00	4.02255c	(95031924)
479700.00	3637600.00	7.20053c	(95021624)	479800.00	3637600.00	9.97780c	(95021624)
479900.00	3637600.00	10.76803c	(95110824)	480000.00	3637600.00	8.27535c	(95030424)
480100.00	3637600.00	9.84864c	(95110524)	480200.00	3637600.00	10.55457c	(95110524)
480300.00	3637600.00	10.17271c	(95030424)	480400.00	3637600.00	10.13219c	(95030424)
480500.00	3637600.00	9.04292c	(95030424)	480600.00	3637600.00	6.51579c	(95101024)
480700.00	3637600.00	6.28448c	(95011124)	480800.00	3637600.00	5.78189c	(95011124)
480900.00	3637600.00	5.76417c	(95052424)	481000.00	3637600.00	5.78639c	(95052424)
481100.00	3637600.00	5.34988c	(95052424)	481200.00	3637600.00	4.80464c	(95052324)
481300.00	3637600.00	4.51386c	(95052324)	481400.00	3637600.00	4.10296c	(95052324)
481500.00	3637600.00	3.62821c	(95052324)	481600.00	3637600.00	3.14615c	(95052324)
481700.00	3637600.00	2.69992c	(95052324)	478900.00	3637700.00	3.43778c	(95010624)
479000.00	3637700.00	3.11561c	(95102424)	479100.00	3637700.00	3.12962c	(95102424)
479200.00	3637700.00	3.11928c	(95102424)	479300.00	3637700.00	3.32441c	(95031924)
479400.00	3637700.00	3.55810c	(95031924)	479500.00	3637700.00	3.57506c	(95031924)
479600.00	3637700.00	4.48692c	(95021624)	479700.00	3637700.00	7.41056c	(95021624)
479800.00	3637700.00	8.94594c	(95110824)	479900.00	3637700.00	8.64869c	(95110824)
480000.00	3637700.00	6.71231c	(95030424)	480100.00	3637700.00	8.82714c	(95110524)
480200.00	3637700.00	8.51915c	(95110524)	480300.00	3637700.00	8.30178c	(95030424)
480400.00	3637700.00	8.32579c	(95030424)	480500.00	3637700.00	7.55246c	(95030424)
480600.00	3637700.00	5.73168c	(95101024)	480700.00	3637700.00	5.37520c	(95011124)
480800.00	3637700.00	5.22881c	(95011124)	480900.00	3637700.00	4.47509c	(95011124)
481000.00	3637700.00	4.59256c	(95052424)	481100.00	3637700.00	4.59472c	(95052424)

481200.00	3637700.00	4.28365c (95052424)	481300.00	3637700.00	3.80402c (95052424)
481400.00	3637700.00	3.63401c (95052324)	481500.00	3637700.00	3.41742c (95052324)
481600.00	3637700.00	3.12458c (95052324)	481700.00	3637700.00	2.79000c (95052324)
478900.00	3637800.00	2.85434c (95102424)	479000.00	3637800.00	2.82863c (95102424)

CONC URBAN ELEV DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479100.00	3637800.00	2.74790c	(95102424)	479200.00	3637800.00	2.91096c	(95031924)
479300.00	3637800.00	3.14035c	(95031924)	479400.00	3637800.00	3.19337c	(95031924)
479500.00	3637800.00	3.14363c	(95031924)	479600.00	3637800.00	5.03366c	(95110524)
479700.00	3637800.00	7.12953c	(95021624)	479800.00	3637800.00	8.17106c	(95110824)
479900.00	3637800.00	7.03362c	(95110824)	480000.00	3637800.00	6.04073c	(95110524)
480100.00	3637800.00	7.65902c	(95110524)	480200.00	3637800.00	7.40406c	(95110824)
480300.00	3637800.00	6.94178c	(95030424)	480400.00	3637800.00	6.97615c	(95030424)
480500.00	3637800.00	6.40654c	(95030424)	480600.00	3637800.00	5.07317c	(95030424)
480700.00	3637800.00	4.47201c	(95011124)	480800.00	3637800.00	4.65268c	(95011124)
480900.00	3637800.00	4.29665c	(95011124)	481000.00	3637800.00	3.50909c	(95052424)
481100.00	3637800.00	3.76355c	(95052424)	481200.00	3637800.00	3.75694c	(95052424)
481300.00	3637800.00	3.52793c	(95052424)	481400.00	3637800.00	3.17464c	(95052424)
481500.00	3637800.00	2.96808c	(95052324)	481600.00	3637800.00	2.86752c	(95052324)
481700.00	3637800.00	2.69677c	(95052324)	478900.00	3637900.00	2.52969c	(95102424)
479000.00	3637900.00	2.38068c	(95102424)	479100.00	3637900.00	2.58262c	(95031924)
479200.00	3637900.00	2.79830c	(95031924)	479300.00	3637900.00	2.86824c	(95031924)
479400.00	3637900.00	2.82438c	(95031924)	479500.00	3637900.00	3.50564c	(95110524)
479600.00	3637900.00	5.27514c	(95021624)	479700.00	3637900.00	6.45578c	(95021624)
479800.00	3637900.00	7.22983c	(95110824)	479900.00	3637900.00	5.95700c	(95110824)
480000.00	3637900.00	5.85363c	(95110524)	480100.00	3637900.00	6.45983c	(95110524)
480200.00	3637900.00	6.36029c	(95110824)	480300.00	3637900.00	5.91858c	(95030424)
480400.00	3637900.00	5.94285c	(95030424)	480500.00	3637900.00	5.49907c	(95030424)
480600.00	3637900.00	4.51494c	(95030424)	480700.00	3637900.00	4.02691c	(95101024)
480800.00	3637900.00	4.03216c	(95011124)	480900.00	3637900.00	3.99468c	(95011124)
481000.00	3637900.00	3.49105c	(95011124)	481100.00	3637900.00	2.96257c	(95052424)
481200.00	3637900.00	3.15026c	(95052424)	481300.00	3637900.00	3.14288c	(95052424)
481400.00	3637900.00	2.97160c	(95052424)	481500.00	3637900.00	2.70197c	(95052424)
481600.00	3637900.00	2.45487c	(95052324)	481700.00	3637900.00	2.42292c	(95052324)
478900.00	3638000.00	2.03367c	(95102424)	479000.00	3638000.00	2.31548c	(95031924)
479100.00	3638000.00	2.51426c	(95031924)	479200.00	3638000.00	2.59095c	(95031924)
479300.00	3638000.00	2.55492c	(95031924)	479400.00	3638000.00	2.42966c	(95031924)
479500.00	3638000.00	3.95602c	(95110524)	479600.00	3638000.00	5.27454c	(95021624)
479700.00	3638000.00	6.07656c	(95110824)	479800.00	3638000.00	6.33187c	(95110824)
479900.00	3638000.00	5.30606c	(95110824)	480000.00	3638000.00	5.39136c	(95110524)
480100.00	3638000.00	5.92484c	(95110824)	480200.00	3638000.00	5.35663c	(95110824)
480300.00	3638000.00	5.12551c	(95030424)	480400.00	3638000.00	5.13432c	(95030424)
480500.00	3638000.00	4.77015c	(95030424)	480600.00	3638000.00	4.02699c	(95030424)

480700.00	3638000.00	3.68973c (95101024)	480800.00	3638000.00	3.38816c (95011124)
480900.00	3638000.00	3.59888c (95011124)	481000.00	3638000.00	3.38979c (95011124)
481100.00	3638000.00	2.82649c (95011124)	481200.00	3638000.00	2.54213c (95052424)

CONC URBAN ELEV DFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
481300.00	3638000.00	2.68288c	(95052424)	481400.00	3638000.00	2.67751c	(95052424)
481500.00	3638000.00	2.54777c	(95052424)	481600.00	3638000.00	2.33756c	(95052424)
481700.00	3638000.00	2.09526c	(95052424)	478900.00	3638100.00	2.09346c	(95031924)
479000.00	3638100.00	2.27469c	(95031924)	479100.00	3638100.00	2.35252c	(95031924)
479200.00	3638100.00	2.32555c	(95031924)	479300.00	3638100.00	2.20677c	(95031924)
479400.00	3638100.00	2.84375c	(95110524)	479500.00	3638100.00	4.11608c	(95110524)
479600.00	3638100.00	5.02431c	(95021624)	479700.00	3638100.00	5.77848c	(95110824)
479800.00	3638100.00	5.59213c	(95110824)	479900.00	3638100.00	4.92890c	(95110824)
480000.00	3638100.00	5.16424c	(95110824)	480100.00	3638100.00	5.39432c	(95110824)
480200.00	3638100.00	4.43851c	(95110824)	480300.00	3638100.00	4.49339c	(95030424)
480400.00	3638100.00	4.48943c	(95030424)	480500.00	3638100.00	4.18136c	(95030424)
480600.00	3638100.00	3.60141c	(95030424)	480700.00	3638100.00	3.35258c	(95101024)
480800.00	3638100.00	2.97478c	(95101024)	480900.00	3638100.00	3.14353c	(95011124)
481000.00	3638100.00	3.17179c	(95011124)	481100.00	3638100.00	2.85267c	(95011124)
481200.00	3638100.00	2.29393c	(95011124)	481300.00	3638100.00	2.30561c	(95102824)
481400.00	3638100.00	2.37180c	(95102824)	481500.00	3638100.00	2.31574c	(95052424)
481600.00	3638100.00	2.21653c	(95052424)	481700.00	3638100.00	2.04942c	(95052424)
478900.00	3638200.00	2.07132c	(95031924)	479000.00	3638200.00	2.14664c	(95031924)
479100.00	3638200.00	2.12754c	(95031924)	479200.00	3638200.00	2.01983c	(95031924)
479300.00	3638200.00	1.94737c	(95110524)	479400.00	3638200.00	3.21957c	(95110524)
479500.00	3638200.00	4.02792c	(95110524)	479600.00	3638200.00	4.62307c	(95021624)
479700.00	3638200.00	5.38077c	(95110824)	479800.00	3638200.00	5.03476c	(95110824)
479900.00	3638200.00	4.69571c	(95110824)	480000.00	3638200.00	4.94961c	(95110824)
480100.00	3638200.00	4.80877c	(95110824)	480200.00	3638200.00	3.82000c	(95030424)
480300.00	3638200.00	3.97893c	(95030424)	480400.00	3638200.00	3.96599c	(95030424)
480500.00	3638200.00	3.69883c	(95030424)	480600.00	3638200.00	3.23262c	(95030424)
480700.00	3638200.00	3.02197c	(95101024)	480800.00	3638200.00	2.79258c	(95101024)
480900.00	3638200.00	2.66781c	(95011124)	481000.00	3638200.00	2.87111c	(95011124)
481100.00	3638200.00	2.76475c	(95011124)	481200.00	3638200.00	2.39199c	(95011124)
481300.00	3638200.00	1.98283c	(95102824)	481400.00	3638200.00	2.19569c	(95102824)
481500.00	3638200.00	2.23982c	(95102824)	481600.00	3638200.00	2.13230c	(95102824)
481700.00	3638200.00	1.98397c	(95012524)				

CONC URBAN ELEV DFAULT

*** THE 2ND HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479700.00	3636250.00	7.12747c	(95030824)	479750.00	3636250.00	7.18352c	(95030824)
479800.00	3636250.00	6.20878c	(95070524)	479850.00	3636250.00	5.48801c	(95111824)
479900.00	3636250.00	4.27757c	(95031424)	479950.00	3636250.00	6.62866c	(95070524)
480000.00	3636250.00	11.05336c	(95102124)	480050.00	3636250.00	13.47863c	(95102124)
480100.00	3636250.00	11.20750c	(95102124)	480150.00	3636250.00	8.93256c	(95120924)
480200.00	3636250.00	8.94976c	(95022424)	480250.00	3636250.00	8.71736c	(95022424)
480300.00	3636250.00	9.12235c	(95052624)	480350.00	3636250.00	8.95393c	(95052624)
480400.00	3636250.00	8.84904c	(95022324)	480450.00	3636250.00	8.94827c	(95022324)
480500.00	3636250.00	8.94578c	(95022324)	480550.00	3636250.00	9.07412c	(95022324)
480600.00	3636250.00	7.62628c	(95022424)	480650.00	3636250.00	6.41976c	(95031824)
480700.00	3636250.00	6.61177c	(95031824)	480750.00	3636250.00	6.67005c	(95031824)
480800.00	3636250.00	6.49010c	(95031824)	480850.00	3636250.00	6.08895c	(95031824)
480900.00	3636250.00	5.65127c	(95052024)	479700.00	3636300.00	7.67379c	(95030824)
479750.00	3636300.00	8.34467c	(95030824)	479800.00	3636300.00	8.36241c	(95030824)
479850.00	3636300.00	7.31054c	(95030824)	479900.00	3636300.00	5.87658c	(95031424)
479950.00	3636300.00	7.17040c	(95103124)	480000.00	3636300.00	12.84506c	(95102124)
480050.00	3636300.00	16.33163c	(95102124)	480100.00	3636300.00	12.99891c	(95102124)
480150.00	3636300.00	10.79467c	(95052624)	480200.00	3636300.00	10.88491c	(95022424)
480250.00	3636300.00	10.51854c	(95052624)	480300.00	3636300.00	10.19707c	(95022324)
480350.00	3636300.00	10.93592c	(95022324)	480400.00	3636300.00	10.76659c	(95022324)
480450.00	3636300.00	10.36739c	(95022324)	480500.00	3636300.00	10.15808c	(95022324)
480550.00	3636300.00	10.01990c	(95022424)	480600.00	3636300.00	7.92958c	(95022424)
480650.00	3636300.00	7.29660c	(95031824)	480700.00	3636300.00	7.52475c	(95031824)
480750.00	3636300.00	7.47075c	(95031824)	480800.00	3636300.00	7.08952c	(95031824)
480850.00	3636300.00	6.48308c	(95031824)	480900.00	3636300.00	6.29908c	(95052024)
479700.00	3636350.00	8.52904c	(95020224)	479750.00	3636350.00	9.08477c	(95030824)
479800.00	3636350.00	9.98539c	(95030824)	479850.00	3636350.00	9.62549c	(95102824)
479900.00	3636350.00	8.21537c	(95030824)	479950.00	3636350.00	7.68244c	(95101924)
480000.00	3636350.00	15.28499c	(95103124)	480050.00	3636350.00	20.43587c	(95102124)
480100.00	3636350.00	15.41261c	(95102124)	480150.00	3636350.00	14.26414c	(95052624)
480200.00	3636350.00	13.13250c	(95052624)	480250.00	3636350.00	12.79852c	(95022424)
480300.00	3636350.00	12.42515c	(95022424)	480350.00	3636350.00	12.86128c	(95022424)
480400.00	3636350.00	12.28301c	(95022324)	480450.00	3636350.00	11.62370c	(95022324)
480500.00	3636350.00	11.37355c	(95022324)	480550.00	3636350.00	10.63217c	(95022424)
480600.00	3636350.00	8.18913c	(95022424)	480650.00	3636350.00	8.40477c	(95031824)
480700.00	3636350.00	8.58543c	(95031824)	480750.00	3636350.00	8.29417c	(95031824)
480800.00	3636350.00	7.62770c	(95031824)	480850.00	3636350.00	6.99846c	(95052024)

480900.00	3636350.00	7.02343c (95052024)	479700.00	3636400.00	10.74862c (95020224)
479750.00	3636400.00	10.34879c (95020224)	479800.00	3636400.00	10.98444c (95030824)
479850.00	3636400.00	12.35423c (95030824)	479900.00	3636400.00	11.80252c (95070524)

CONC URBAN ELEV DFAULT

*** THE 2ND HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479950.00	3636400.00	9.39858c	(95111824)	480000.00	3636400.00	18.72734c	(95103124)
480050.00	3636400.00	26.79143c	(95102124)	480100.00	3636400.00	20.70982c	(95011424)
480150.00	3636400.00	18.77350c	(95052624)	480200.00	3636400.00	17.56532c	(95022324)
480250.00	3636400.00	14.73002c	(95022424)	480300.00	3636400.00	13.73042c	(95022424)
480350.00	3636400.00	14.04646c	(95022424)	480400.00	3636400.00	13.62713c	(95022324)
480450.00	3636400.00	13.03461c	(95022324)	480500.00	3636400.00	12.72536c	(95022324)
480550.00	3636400.00	11.22898c	(95022424)	480600.00	3636400.00	9.23317c	(95031824)
480650.00	3636400.00	9.79311c	(95031824)	480700.00	3636400.00	9.74617c	(95031824)
480750.00	3636400.00	9.05557c	(95031824)	480800.00	3636400.00	8.05102c	(95031824)
480850.00	3636400.00	7.82946c	(95052024)	480900.00	3636400.00	7.91105c	(95052024)
479700.00	3636450.00	12.33021c	(95102824)	479750.00	3636450.00	12.58455c	(95020224)
479800.00	3636450.00	12.42688c	(95020224)	479850.00	3636450.00	13.71829c	(95030824)
479900.00	3636450.00	16.18890c	(95030824)	479950.00	3636450.00	17.20206c	(95030824)
480000.00	3636450.00	24.05781c	(95103124)	480050.00	3636450.00	38.07796c	(95102124)
480100.00	3636450.00	31.17589c	(95052624)	480150.00	3636450.00	27.65432c	(95022324)
480200.00	3636450.00	20.44721c	(95022424)	480250.00	3636450.00	18.35077c	(95031824)
480300.00	3636450.00	16.13094c	(95031824)	480350.00	3636450.00	15.29823c	(95022424)
480400.00	3636450.00	15.58292c	(95022324)	480450.00	3636450.00	14.84820c	(95022324)
480500.00	3636450.00	14.15237c	(95022324)	480550.00	3636450.00	11.85432c	(95022424)
480600.00	3636450.00	10.96696c	(95031824)	480650.00	3636450.00	11.45557c	(95031824)
480700.00	3636450.00	10.87915c	(95031824)	480750.00	3636450.00	9.65903c	(95031824)
480800.00	3636450.00	8.78664c	(95052024)	480850.00	3636450.00	8.93469c	(95052024)
480900.00	3636450.00	9.03422c	(95052024)	479700.00	3636500.00	14.12448c	(95112024)
479750.00	3636500.00	14.26845c	(95112024)	479800.00	3636500.00	15.09753c	(95020224)
479850.00	3636500.00	15.23008c	(95020224)	479900.00	3636500.00	18.48725c	(95030824)
479950.00	3636500.00	24.12355c	(95102824)	480250.00	3636500.00	21.92390c	(95031824)
480300.00	3636500.00	17.85853c	(95031824)	480350.00	3636500.00	16.61375c	(95022424)
480400.00	3636500.00	17.50772c	(95022424)	480450.00	3636500.00	16.71787c	(95022324)
480500.00	3636500.00	15.36665c	(95022324)	480550.00	3636500.00	12.64333c	(95022424)
480600.00	3636500.00	13.30518c	(95031824)	480650.00	3636500.00	13.25243c	(95031824)
480700.00	3636500.00	11.80536c	(95031824)	480750.00	3636500.00	10.10001c	(95031824)
480800.00	3636500.00	10.24985c	(95052024)	480850.00	3636500.00	10.41841c	(95052024)
480900.00	3636500.00	10.35031c	(95052024)	479700.00	3636550.00	15.51260c	(95020224)
479750.00	3636550.00	16.41901c	(95112024)	479800.00	3636550.00	17.24378c	(95112024)
479850.00	3636550.00	18.81265c	(95020224)	479900.00	3636550.00	21.96220c	(95030824)
479950.00	3636550.00	32.83664c	(95030824)	480400.00	3636550.00	18.22911c	(95022424)
480450.00	3636550.00	17.76907c	(95022324)	480500.00	3636550.00	16.16954c	(95022324)

480550.00	3636550.00	14.85728c (95031824)	480600.00	3636550.00	16.14903c (95022324)
480650.00	3636550.00	14.87573c (95031824)	480700.00	3636550.00	12.48559c (95031824)
480750.00	3636550.00	12.07466c (95052024)	480800.00	3636550.00	12.33824c (95052024)

CONC URBAN ELEV DFAULT

*** THE 2ND HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
480850.00	3636550.00	12.11704c	(95052024)	480900.00	3636550.00	11.56344c	(95022324)
479700.00	3636600.00	15.70212c	(95020224)	479750.00	3636600.00	17.45261c	(95020224)
479800.00	3636600.00	19.21527c	(95020224)	479850.00	3636600.00	21.16554c	(95112024)
479900.00	3636600.00	24.57642c	(95020224)	479950.00	3636600.00	36.99340c	(95120724)
480700.00	3636600.00	14.93987c	(95052024)	480750.00	3636600.00	15.21747c	(95052024)
480800.00	3636600.00	14.52699c	(95052024)	480850.00	3636600.00	13.32924c	(95022324)
480900.00	3636600.00	11.71233c	(95022324)	479700.00	3636650.00	15.32832c	(95122524)
479750.00	3636650.00	17.44230c	(95020224)	479800.00	3636650.00	19.92774c	(95020224)
479850.00	3636650.00	22.92917c	(95112024)	479900.00	3636650.00	26.74133c	(95112024)
479950.00	3636650.00	41.88778c	(95120724)	480700.00	3636650.00	19.88909c	(95052024)
480750.00	3636650.00	17.85192c	(95052024)	480800.00	3636650.00	15.54452c	(95022324)
480850.00	3636650.00	13.60635c	(95022324)	480900.00	3636650.00	12.04265c	(95022324)
479700.00	3636700.00	14.18359c	(95112024)	479750.00	3636700.00	17.75837c	(95112024)
479800.00	3636700.00	20.91764c	(95112024)	479850.00	3636700.00	24.16009c	(95112024)
479900.00	3636700.00	28.56001c	(95112024)	479950.00	3636700.00	46.48272c	(95120724)
480700.00	3636700.00	22.40392c	(95052024)	480750.00	3636700.00	18.56815c	(95052024)
480800.00	3636700.00	16.28647c	(95052024)	480850.00	3636700.00	14.58953c	(95022324)
480900.00	3636700.00	12.44045c	(95022324)	479700.00	3636750.00	13.97365c	(95122724)
479750.00	3636750.00	15.33771c	(95122724)	479800.00	3636750.00	19.62509c	(95112024)
479850.00	3636750.00	24.34398c	(95112024)	479900.00	3636750.00	32.63782c	(95120724)
479950.00	3636750.00	55.12326c	(95120724)	480700.00	3636750.00	21.87500c	(95052024)
480750.00	3636750.00	18.83018c	(95052024)	480800.00	3636750.00	17.41112c	(95052024)
480850.00	3636750.00	15.54163c	(95022324)	480900.00	3636750.00	12.06517c	(95022324)
479700.00	3636800.00	15.30356c	(95122724)	479750.00	3636800.00	17.60125c	(95122724)
479800.00	3636800.00	19.99879c	(95120724)	479850.00	3636800.00	26.61725c	(95120724)
479900.00	3636800.00	38.22865c	(95120724)	479950.00	3636800.00	61.95030c	(95120724)
480700.00	3636800.00	22.01853c	(95052024)	480750.00	3636800.00	20.94795c	(95052024)
480800.00	3636800.00	19.62394c	(95022324)	480850.00	3636800.00	14.40007c	(95022324)
480900.00	3636800.00	12.29633c	(95022524)	479700.00	3636850.00	13.49870c	(95120724)
479750.00	3636850.00	16.84969c	(95122724)	479800.00	3636850.00	21.21736c	(95120724)
479850.00	3636850.00	28.64705c	(95120724)	479900.00	3636850.00	41.15985c	(95120724)
479950.00	3636850.00	64.97269c	(95120724)	480650.00	3636850.00	29.75138c	(95052024)
480700.00	3636850.00	28.08557c	(95052024)	480750.00	3636850.00	24.26653c	(95022324)
480800.00	3636850.00	17.07519c	(95022524)	480850.00	3636850.00	14.48493c	(95022524)
480900.00	3636850.00	11.79471c	(95022524)	479700.00	3636900.00	14.41600c	(95010624)
479750.00	3636900.00	17.19677c	(95012924)	479800.00	3636900.00	21.35293c	(95120724)
479850.00	3636900.00	28.56434c	(95010624)	479900.00	3636900.00	40.94536c	(95120724)

479950.00	3636900.00	65.64172c (95120724)	480650.00	3636900.00	42.62432c (95052024)
480700.00	3636900.00	31.31716c (95022324)	480750.00	3636900.00	22.22603c (95022524)
480800.00	3636900.00	17.17984c (95022524)	480850.00	3636900.00	13.83727c (95112024)

CONC URBAN ELEV DFAULT

*** THE 2ND HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
480900.00	3636900.00	10.34773c	(95081824)	479700.00	3636950.00	16.09188c	(95012924)
479750.00	3636950.00	18.73368c	(95012924)	479800.00	3636950.00	22.06343c	(95012924)
479850.00	3636950.00	27.84591c	(95120724)	479900.00	3636950.00	38.42602c	(95120724)
479950.00	3636950.00	61.02194c	(95120724)	480650.00	3636950.00	51.81963c	(95022324)
480700.00	3636950.00	31.79855c	(95022524)	480750.00	3636950.00	20.68453c	(95022524)
480800.00	3636950.00	15.86129c	(95052024)	480850.00	3636950.00	12.58045c	(95101824)
480900.00	3636950.00	10.64329c	(95031924)	479700.00	3637000.00	16.39442c	(95012924)
479750.00	3637000.00	18.77048c	(95012924)	479800.00	3637000.00	21.88561c	(95012924)
479850.00	3637000.00	27.29464c	(95120724)	479900.00	3637000.00	35.81733c	(95120724)
479950.00	3637000.00	49.37370c	(95120724)	480650.00	3637000.00	54.32698c	(95112024)
480700.00	3637000.00	31.78460c	(95051124)	480750.00	3637000.00	21.88991c	(95051124)
480800.00	3637000.00	16.79216c	(95031924)	480850.00	3637000.00	13.31468c	(95040824)
480900.00	3637000.00	11.31225c	(95040824)	479700.00	3637050.00	15.69403c	(95012924)
479750.00	3637050.00	17.63337c	(95012924)	479800.00	3637050.00	19.87215c	(95012924)
479850.00	3637050.00	23.48327c	(95120724)	479900.00	3637050.00	28.46730c	(95120724)
479950.00	3637050.00	39.93652c	(95021624)	480000.00	3637050.00	53.74535c	(95030424)
480050.00	3637050.00	65.76610c	(95021624)	480100.00	3637050.00	74.60999c	(95110824)
480650.00	3637050.00	53.99527c	(95040824)	480700.00	3637050.00	34.18748c	(95040824)
480750.00	3637050.00	23.91022c	(95052324)	480800.00	3637050.00	18.26472c	(95052324)
480850.00	3637050.00	14.56928c	(95052324)	480900.00	3637050.00	11.87981c	(95052324)
479700.00	3637100.00	14.09855c	(95012924)	479750.00	3637100.00	14.94508c	(95012924)
479800.00	3637100.00	16.82297c	(95120724)	479850.00	3637100.00	19.50659c	(95120724)
479900.00	3637100.00	24.16430c	(95021624)	479950.00	3637100.00	29.87471c	(95010624)
480000.00	3637100.00	39.00902c	(95110824)	480050.00	3637100.00	41.62053c	(95021624)
480100.00	3637100.00	41.80831c	(95010624)	480150.00	3637100.00	52.56911c	(95010624)
480200.00	3637100.00	58.45025c	(95030424)	480650.00	3637100.00	43.30156c	(95052424)
480700.00	3637100.00	24.99019c	(95050724)	480750.00	3637100.00	19.86777c	(95040824)
480800.00	3637100.00	16.20423c	(95040824)	480850.00	3637100.00	13.44566c	(95040824)
480900.00	3637100.00	11.35028c	(95040824)	479700.00	3637150.00	11.54753c	(95012924)
479750.00	3637150.00	12.59538c	(95120724)	479800.00	3637150.00	14.27770c	(95120724)
479850.00	3637150.00	16.61786c	(95120724)	479900.00	3637150.00	22.68050c	(95010624)
479950.00	3637150.00	27.51166c	(95110824)	480000.00	3637150.00	31.02634c	(95021624)
480050.00	3637150.00	33.51740c	(95010624)	480100.00	3637150.00	36.74216c	(95010624)
480150.00	3637150.00	37.84881c	(95010624)	480200.00	3637150.00	39.91695c	(95010624)
480250.00	3637150.00	42.61484c	(95021624)	480300.00	3637150.00	47.00688c	(95021624)
480350.00	3637150.00	49.68961c	(95021624)	480400.00	3637150.00	51.71487c	(95052424)
480450.00	3637150.00	56.94423c	(95052424)	480500.00	3637150.00	54.46717c	(95030424)

480550.00	3637150.00	44.72700c (95030424)	480600.00	3637150.00	44.79665c (95052324)
480650.00	3637150.00	36.61995c (95052424)	480700.00	3637150.00	27.49188c (95052424)
480750.00	3637150.00	19.11842c (95052424)	480800.00	3637150.00	13.76117c (95050724)

*** THE 2ND HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
480850.00	3637150.00	10.93570c	(95050724)	480900.00	3637150.00	9.20768c	(95040824)
479700.00	3637200.00	9.56334c	(95120724)	479750.00	3637200.00	10.63280c	(95120724)
479800.00	3637200.00	12.10304c	(95120724)	479850.00	3637200.00	15.75666c	(95021624)
479900.00	3637200.00	21.60603c	(95021624)	479950.00	3637200.00	25.06735c	(95110824)
480000.00	3637200.00	24.87047c	(95021624)	480050.00	3637200.00	24.73327c	(95110824)
480100.00	3637200.00	22.80151c	(95010624)	480150.00	3637200.00	27.52238c	(95031924)
480200.00	3637200.00	28.25904c	(95031924)	480250.00	3637200.00	29.73169c	(95021624)
480300.00	3637200.00	32.65486c	(95021624)	480350.00	3637200.00	35.50103c	(95110824)
480400.00	3637200.00	35.38620c	(95110824)	480450.00	3637200.00	36.74260c	(95052424)
480500.00	3637200.00	34.80038c	(95030424)	480550.00	3637200.00	29.06523c	(95030424)
480600.00	3637200.00	28.75237c	(95052324)	480650.00	3637200.00	27.60755c	(95052424)
480700.00	3637200.00	24.29917c	(95052424)	480750.00	3637200.00	19.91976c	(95052424)
480800.00	3637200.00	15.50118c	(95052424)	480850.00	3637200.00	11.96725c	(95052424)
480900.00	3637200.00	9.36560c	(95050724)	479700.00	3637250.00	8.08011c	(95012924)
479750.00	3637250.00	8.95603c	(95122424)	479800.00	3637250.00	11.22258c	(95021624)
479850.00	3637250.00	15.47001c	(95021624)	479900.00	3637250.00	18.52321c	(95010624)
479950.00	3637250.00	21.35864c	(95021624)	480000.00	3637250.00	21.77743c	(95030424)
480050.00	3637250.00	19.19047c	(95110824)	480100.00	3637250.00	18.02208c	(95031924)
480150.00	3637250.00	22.40617c	(95031924)	480200.00	3637250.00	22.01636c	(95031924)
480250.00	3637250.00	23.27126c	(95021624)	480300.00	3637250.00	25.78205c	(95110824)
480350.00	3637250.00	28.09327c	(95110824)	480400.00	3637250.00	27.08921c	(95110824)
480450.00	3637250.00	25.78593c	(95052424)	480500.00	3637250.00	25.63111c	(95030424)
480550.00	3637250.00	21.50481c	(95030424)	480600.00	3637250.00	19.83367c	(95052324)
480650.00	3637250.00	20.76698c	(95052324)	480700.00	3637250.00	19.76917c	(95052424)
480750.00	3637250.00	17.99711c	(95052424)	480800.00	3637250.00	15.42790c	(95052424)
480850.00	3637250.00	12.75056c	(95052424)	480900.00	3637250.00	10.41189c	(95052424)
479700.00	3637300.00	7.69069c	(95012924)	479750.00	3637300.00	8.37062c	(95122424)
479800.00	3637300.00	11.24488c	(95021624)	479850.00	3637300.00	13.87748c	(95010624)
479900.00	3637300.00	16.96963c	(95110824)	479950.00	3637300.00	18.31523c	(95021624)
480000.00	3637300.00	19.20657c	(95030424)	480050.00	3637300.00	14.91385c	(95110824)
480100.00	3637300.00	15.46805c	(95031924)	480150.00	3637300.00	17.79797c	(95031924)
480200.00	3637300.00	18.60786c	(95110524)	480250.00	3637300.00	19.25947c	(95021624)
480300.00	3637300.00	21.81104c	(95110824)	480350.00	3637300.00	23.01745c	(95110824)
480400.00	3637300.00	21.75042c	(95110824)	480450.00	3637300.00	19.66883c	(95110824)
480500.00	3637300.00	20.28699c	(95030424)	480550.00	3637300.00	17.06677c	(95030424)
480600.00	3637300.00	14.64525c	(95102924)	480650.00	3637300.00	15.14508c	(95052324)

480700.00	3637300.00	15.78268c (95052324)	480750.00	3637300.00	15.27044c (95052424)
480800.00	3637300.00	14.08174c (95052424)	480850.00	3637300.00	12.42007c (95052424)
480900.00	3637300.00	10.65524c (95052424)	479700.00	3637350.00	6.92450c (95012924)
479750.00	3637350.00	8.27920c (95021624)	479800.00	3637350.00	10.26827c (95010624)

CONC URBAN ELEV DFAULT

*** THE 2ND HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479850.00	3637350.00	11.75861c	(95110524)	479900.00	3637350.00	16.32398c	(95110824)
479950.00	3637350.00	15.74693c	(95021624)	480000.00	3637350.00	16.28179c	(95110824)
480050.00	3637350.00	11.67219c	(95110824)	480100.00	3637350.00	12.67819c	(95031924)
480150.00	3637350.00	14.90105c	(95110524)	480200.00	3637350.00	17.00614c	(95110524)
480250.00	3637350.00	16.91123c	(95110524)	480300.00	3637350.00	18.74991c	(95110824)
480350.00	3637350.00	19.21925c	(95110824)	480400.00	3637350.00	17.94997c	(95110824)
480450.00	3637350.00	15.73882c	(95110824)	480500.00	3637350.00	16.48390c	(95052424)
480550.00	3637350.00	14.18318c	(95030424)	480600.00	3637350.00	11.64555c	(95102924)
480650.00	3637350.00	11.22300c	(95052324)	480700.00	3637350.00	11.98106c	(95052324)
480750.00	3637350.00	12.40174c	(95052324)	480800.00	3637350.00	12.27194c	(95052424)
480850.00	3637350.00	11.41523c	(95052424)	480900.00	3637350.00	10.26643c	(95052424)
479700.00	3637400.00	6.39308c	(95122424)	479750.00	3637400.00	7.59624c	(95010624)
479800.00	3637400.00	9.66491c	(95110524)	479850.00	3637400.00	12.07960c	(95110824)
479900.00	3637400.00	14.61778c	(95021624)	479950.00	3637400.00	13.44340c	(95021624)
480000.00	3637400.00	13.55996c	(95110824)	480050.00	3637400.00	10.76714c	(95123124)
480100.00	3637400.00	10.35456c	(95110524)	480150.00	3637400.00	14.33529c	(95110524)
480200.00	3637400.00	15.55389c	(95110524)	480250.00	3637400.00	15.00076c	(95110524)
480300.00	3637400.00	16.28714c	(95110824)	480350.00	3637400.00	16.27200c	(95110824)
480400.00	3637400.00	14.97875c	(95110824)	480450.00	3637400.00	12.44176c	(95110824)
480500.00	3637400.00	12.99275c	(95052424)	480550.00	3637400.00	12.17257c	(95030424)
480600.00	3637400.00	9.26895c	(95011124)	480650.00	3637400.00	9.07204c	(95011124)
480700.00	3637400.00	9.17525c	(95052324)	480750.00	3637400.00	9.72282c	(95052324)
480800.00	3637400.00	9.99063c	(95052324)	480850.00	3637400.00	9.92912c	(95052324)
480900.00	3637400.00	9.49406c	(95052424)	478900.00	3635500.00	1.62788c	(95030824)
479000.00	3635500.00	1.86227c	(95030824)	479100.00	3635500.00	1.96439c	(95030824)
479200.00	3635500.00	1.74050c	(95102824)	479300.00	3635500.00	1.56276c	(95111824)
479400.00	3635500.00	1.59017c	(95111824)	479500.00	3635500.00	1.40555c	(95031424)
479600.00	3635500.00	1.11050c	(95031424)	479700.00	3635500.00	1.08134c	(95091724)
479800.00	3635500.00	1.45534c	(95070524)	479900.00	3635500.00	2.27691c	(95022424)
480000.00	3635500.00	2.99459c	(95102124)	480100.00	3635500.00	3.20067c	(95102124)
480200.00	3635500.00	2.84701c	(95102124)	480300.00	3635500.00	2.44161c	(95102124)
480400.00	3635500.00	2.16800c	(95102124)	480500.00	3635500.00	2.18872c	(95052624)
480600.00	3635500.00	2.17579c	(95052624)	480700.00	3635500.00	2.32689c	(95031824)
480800.00	3635500.00	2.42752c	(95031824)	480900.00	3635500.00	2.40690c	(95031824)
481000.00	3635500.00	2.35615c	(95060424)	481100.00	3635500.00	2.36064c	(95060424)
481200.00	3635500.00	2.45654c	(95022324)	481300.00	3635500.00	2.37887c	(95102724)
481400.00	3635500.00	2.38145c	(95102724)	481500.00	3635500.00	2.32207c	(95102724)

481600.00	3635500.00	2.20346c (95102724)	481700.00	3635500.00	2.03249c (95102724)
478900.00	3635600.00	1.49283c (95030824)	479000.00	3635600.00	1.84686c (95030824)
479100.00	3635600.00	2.11320c (95030824)	479200.00	3635600.00	2.20319c (95030824)

CONC URBAN ELEV DFAULT

*** THE 2ND HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479300.00	3635600.00	1.75813c	(95102824)	479400.00	3635600.00	1.72015c	(95030824)
479500.00	3635600.00	1.70647c	(95111824)	479600.00	3635600.00	1.41024c	(95031424)
479700.00	3635600.00	1.07896c	(95091724)	479800.00	3635600.00	1.51662c	(95091724)
479900.00	3635600.00	2.44050c	(95022424)	480000.00	3635600.00	3.34926c	(95102124)
480100.00	3635600.00	3.56337c	(95102124)	480200.00	3635600.00	3.07476c	(95102124)
480300.00	3635600.00	2.61921c	(95102124)	480400.00	3635600.00	2.43444c	(95052624)
480500.00	3635600.00	2.61502c	(95052624)	480600.00	3635600.00	2.48400c	(95052624)
480700.00	3635600.00	2.61976c	(95111424)	480800.00	3635600.00	2.67744	(95083124)
480900.00	3635600.00	2.61047c	(95031824)	481000.00	3635600.00	2.57846c	(95060424)
481100.00	3635600.00	2.70354	(95083124)	481200.00	3635600.00	2.54904c	(95102724)
481300.00	3635600.00	2.55407c	(95102724)	481400.00	3635600.00	2.49408c	(95102724)
481500.00	3635600.00	2.37090c	(95102724)	481600.00	3635600.00	2.18712c	(95102724)
481700.00	3635600.00	2.01763c	(95052024)	478900.00	3635700.00	2.26888c	(95020224)
479000.00	3635700.00	1.70105c	(95030824)	479100.00	3635700.00	2.12476c	(95030824)
479200.00	3635700.00	2.42792c	(95030824)	479300.00	3635700.00	2.49169c	(95030824)
479400.00	3635700.00	1.91980c	(95111824)	479500.00	3635700.00	2.02811c	(95111824)
479600.00	3635700.00	1.77570c	(95031424)	479700.00	3635700.00	1.34594c	(95031424)
479800.00	3635700.00	1.63745c	(95091724)	479900.00	3635700.00	2.61459c	(95022424)
480000.00	3635700.00	3.79434c	(95102124)	480100.00	3635700.00	4.01478c	(95102124)
480200.00	3635700.00	3.32965c	(95102124)	480300.00	3635700.00	2.82264c	(95102124)
480400.00	3635700.00	2.99468c	(95052624)	480500.00	3635700.00	3.10462c	(95052624)
480600.00	3635700.00	2.93895c	(95111424)	480700.00	3635700.00	2.81359c	(95111424)
480800.00	3635700.00	2.84440	(95083124)	480900.00	3635700.00	2.83584c	(95022324)
481000.00	3635700.00	2.90809	(95083124)	481100.00	3635700.00	2.80485c	(95060424)
481200.00	3635700.00	2.76829c	(95102724)	481300.00	3635700.00	2.70551c	(95102724)
481400.00	3635700.00	2.57599c	(95102724)	481500.00	3635700.00	2.37720c	(95102724)
481600.00	3635700.00	2.33560c	(95052024)	481700.00	3635700.00	2.49367c	(95052024)
478900.00	3635800.00	3.11201c	(95102824)	479000.00	3635800.00	2.82288c	(95020224)
479100.00	3635800.00	1.96721c	(95030824)	479200.00	3635800.00	2.48270c	(95030824)
479300.00	3635800.00	2.82778c	(95030824)	479400.00	3635800.00	2.84008c	(95030824)
479500.00	3635800.00	2.29837c	(95111824)	479600.00	3635800.00	2.23388c	(95111824)
479700.00	3635800.00	1.77563c	(95031424)	479800.00	3635800.00	1.74378c	(95091724)
479900.00	3635800.00	2.79078c	(95022424)	480000.00	3635800.00	4.36467c	(95102124)
480100.00	3635800.00	4.58902c	(95102124)	480200.00	3635800.00	3.61656c	(95102124)
480300.00	3635800.00	3.06416c	(95102124)	480400.00	3635800.00	3.69996c	(95052624)
480500.00	3635800.00	3.64523c	(95052624)	480600.00	3635800.00	3.45352c	(95031824)
480700.00	3635800.00	3.21284c	(95060424)	480800.00	3635800.00	3.16932c	(95022324)

480900.00	3635800.00	3.12630c (95060424)	481000.00	3635800.00	3.15264c (95060424)
481100.00	3635800.00	3.06338c (95060424)	481200.00	3635800.00	2.97019c (95102724)
481300.00	3635800.00	2.83323c (95102724)	481400.00	3635800.00	2.61602c (95102724)

CONC URBAN ELEV DFAULT

*** THE 2ND HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
481500.00	3635800.00	2.71882c	(95052024)	481600.00	3635800.00	2.87272c	(95052024)
481700.00	3635800.00	2.96169c	(95052024)	478900.00	3635900.00	4.42072c	(95112024)
479000.00	3635900.00	3.57662c	(95112024)	479100.00	3635900.00	3.54016c	(95020224)
479200.00	3635900.00	2.39001c	(95020224)	479300.00	3635900.00	2.95226c	(95030824)
479400.00	3635900.00	3.34447c	(95030824)	479500.00	3635900.00	3.19409c	(95102824)
479600.00	3635900.00	2.71971c	(95111824)	479700.00	3635900.00	2.35101c	(95031424)
479800.00	3635900.00	1.80514c	(95091724)	479900.00	3635900.00	2.95164c	(95022424)
480000.00	3635900.00	5.11414c	(95102124)	480100.00	3635900.00	5.33992c	(95102124)
480200.00	3635900.00	3.94603c	(95102124)	480300.00	3635900.00	3.87698c	(95052624)
480400.00	3635900.00	4.55513c	(95052624)	480500.00	3635900.00	4.22381c	(95052624)
480600.00	3635900.00	3.93390c	(95031824)	480700.00	3635900.00	3.64633c	(95022424)
480800.00	3635900.00	3.53925c	(95031824)	480900.00	3635900.00	3.51687c	(95060424)
481000.00	3635900.00	3.53526c	(95060424)	481100.00	3635900.00	3.30897c	(95102724)
481200.00	3635900.00	3.16266c	(95102724)	481300.00	3635900.00	2.97032c	(95052024)
481400.00	3635900.00	3.18132c	(95052024)	481500.00	3635900.00	3.32395c	(95052024)
481600.00	3635900.00	3.39060c	(95052024)	481700.00	3635900.00	3.19890c	(95022324)
478900.00	3636000.00	5.71873c	(95112024)	479000.00	3636000.00	5.36634c	(95112024)
479100.00	3636000.00	4.56235c	(95112024)	479200.00	3636000.00	4.46959c	(95020224)
479300.00	3636000.00	3.13609c	(95020224)	479400.00	3636000.00	3.58274c	(95030824)
479500.00	3636000.00	4.02578c	(95030824)	479600.00	3636000.00	3.32508c	(95102824)
479700.00	3636000.00	3.12934c	(95111824)	479800.00	3636000.00	2.31500c	(95031424)
479900.00	3636000.00	3.34261c	(95070524)	480000.00	3636000.00	6.12859c	(95102124)
480100.00	3636000.00	6.35138c	(95102124)	480200.00	3636000.00	4.45736c	(95120924)
480300.00	3636000.00	4.90390c	(95022424)	480400.00	3636000.00	5.54386c	(95052624)
480500.00	3636000.00	5.16006c	(95011424)	480600.00	3636000.00	4.43886c	(95011424)
480700.00	3636000.00	4.23970c	(95022424)	480800.00	3636000.00	4.03274c	(95031824)
480900.00	3636000.00	4.04023c	(95060424)	481000.00	3636000.00	3.93497c	(95060424)
481100.00	3636000.00	3.59340c	(95102724)	481200.00	3636000.00	3.54604c	(95052024)
481300.00	3636000.00	3.74237c	(95052024)	481400.00	3636000.00	3.86481c	(95052024)
481500.00	3636000.00	3.89997c	(95052024)	481600.00	3636000.00	3.49179c	(95022324)
481700.00	3636000.00	2.86545c	(95022324)	478900.00	3636100.00	5.30236c	(95020224)
479000.00	3636100.00	6.29433c	(95020224)	479100.00	3636100.00	6.43332c	(95112024)
479200.00	3636100.00	5.77852c	(95112024)	479300.00	3636100.00	5.66503c	(95020224)
479400.00	3636100.00	4.19993c	(95020224)	479500.00	3636100.00	4.45793c	(95030824)
479600.00	3636100.00	4.95182c	(95030824)	479700.00	3636100.00	3.93516c	(95111824)
479800.00	3636100.00	3.37775c	(95031424)	479900.00	3636100.00	3.60665c	(95101924)

480000.00	3636100.00	7.55042c (95102124)	480100.00	3636100.00	7.76063c (95102124)
480200.00	3636100.00	5.37811c (95120924)	480300.00	3636100.00	5.96475c (95022424)
480400.00	3636100.00	6.64708c (95052624)	480500.00	3636100.00	6.22817c (95011424)
480600.00	3636100.00	6.02337c (95022324)	480700.00	3636100.00	4.75345c (95031824)

CONC URBAN ELEV DFAULT

*** THE 2ND HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
480800.00	3636100.00	4.80851c	(95031824)	480900.00	3636100.00	4.67584c	(95060424)
481000.00	3636100.00	4.24841c	(95060424)	481100.00	3636100.00	4.26050c	(95052024)
481200.00	3636100.00	4.42671c	(95052024)	481300.00	3636100.00	4.52175c	(95052024)
481400.00	3636100.00	4.51769c	(95052024)	481500.00	3636100.00	3.85007c	(95022324)
481600.00	3636100.00	3.09118c	(95022324)	481700.00	3636100.00	2.85131c	(95022524)
478900.00	3636200.00	3.77460c	(95020224)	479000.00	3636200.00	5.30926c	(95020224)
479100.00	3636200.00	6.73774c	(95020224)	479200.00	3636200.00	7.59541c	(95112024)
479300.00	3636200.00	7.22443c	(95112024)	479400.00	3636200.00	6.75423c	(95102824)
479500.00	3636200.00	5.73578c	(95020224)	479600.00	3636200.00	5.72457c	(95030824)
479700.00	3636200.00	6.27656c	(95030824)	479800.00	3636200.00	4.96788c	(95111824)
479900.00	3636200.00	3.94239c	(95101924)	480000.00	3636200.00	9.63261c	(95102124)
480100.00	3636200.00	9.80781c	(95102124)	480200.00	3636200.00	7.39444c	(95052624)
480300.00	3636200.00	7.89241c	(95022424)	480400.00	3636200.00	7.86613c	(95052624)
480500.00	3636200.00	7.63979c	(95022324)	480600.00	3636200.00	7.26041c	(95022424)
480700.00	3636200.00	5.85086c	(95031824)	480800.00	3636200.00	5.88418c	(95031824)
480900.00	3636200.00	5.28723c	(95060424)	481000.00	3636200.00	5.15562c	(95052024)
481100.00	3636200.00	5.28011c	(95052024)	481200.00	3636200.00	5.34609c	(95052024)
481300.00	3636200.00	5.17318c	(95022324)	481400.00	3636200.00	4.30551c	(95022324)
481500.00	3636200.00	3.45226c	(95022524)	481600.00	3636200.00	3.27831c	(95022524)
481700.00	3636200.00	3.04954c	(95022524)	478900.00	3636300.00	3.76439c	(95122724)
479000.00	3636300.00	4.03995c	(95122524)	479100.00	3636300.00	5.11786c	(95020224)
479200.00	3636300.00	7.06198c	(95020224)	479300.00	3636300.00	8.59562c	(95020224)
479400.00	3636300.00	8.89155c	(95112024)	479500.00	3636300.00	8.21951c	(95112024)
479600.00	3636300.00	7.90204c	(95020224)	481000.00	3636300.00	6.38478c	(95052024)
481100.00	3636300.00	6.43302c	(95052024)	481200.00	3636300.00	6.03290c	(95022324)
481300.00	3636300.00	4.91084c	(95022324)	481400.00	3636300.00	4.07242c	(95022524)
481500.00	3636300.00	3.78851c	(95022524)	481600.00	3636300.00	3.44753c	(95022524)
481700.00	3636300.00	3.08269c	(95022524)	478900.00	3636400.00	4.23320c	(95122524)
479000.00	3636400.00	4.71770c	(95122524)	479100.00	3636400.00	4.74148c	(95122724)
479200.00	3636400.00	5.16112c	(95122524)	479300.00	3636400.00	7.19013c	(95020224)
479400.00	3636400.00	9.53810c	(95020224)	479500.00	3636400.00	10.86604c	(95112024)
479600.00	3636400.00	10.67999c	(95112024)	481000.00	3636400.00	7.96893c	(95052024)
481100.00	3636400.00	7.25954c	(95022324)	481200.00	3636400.00	5.75846c	(95022324)
481300.00	3636400.00	4.86434c	(95022524)	481400.00	3636400.00	4.40971c	(95022524)
481500.00	3636400.00	3.90591c	(95022524)	481600.00	3636400.00	3.39869c	(95022524)
481700.00	3636400.00	2.92063c	(95022524)	478900.00	3636500.00	3.66736c	(95122524)

479000.00	3636500.00	4.51073c (95122524)	479100.00	3636500.00	5.39400c (95122524)
479200.00	3636500.00	5.99744c (95122724)	479300.00	3636500.00	6.05680c (95122724)
479400.00	3636500.00	7.14384c (95122524)	479500.00	3636500.00	10.45327c (95020224)
479600.00	3636500.00	13.04809c (95020224)	481000.00	3636500.00	9.05791c (95022324)

CONC URBAN ELEV DFAULT

*** THE 2ND HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
481100.00	3636500.00	6.99561c	(95022324)	481200.00	3636500.00	5.89041c	(95022524)
481300.00	3636500.00	5.17078c	(95022524)	481400.00	3636500.00	4.43121c	(95022524)
481500.00	3636500.00	3.73310c	(95022524)	481600.00	3636500.00	3.11131c	(95022524)
481700.00	3636500.00	2.57991c	(95022524)	478900.00	3636600.00	2.98006c	(95112824)
479000.00	3636600.00	3.56870c	(95122524)	479100.00	3636600.00	4.58496c	(95122524)
479200.00	3636600.00	5.88334c	(95122524)	479300.00	3636600.00	7.18920c	(95122724)
479400.00	3636600.00	7.69063c	(95122724)	479500.00	3636600.00	8.39153c	(95112024)
479600.00	3636600.00	11.31365c	(95122524)	481000.00	3636600.00	8.90598c	(95022324)
481100.00	3636600.00	7.22133c	(95022524)	481200.00	3636600.00	6.10881c	(95022524)
481300.00	3636600.00	5.02870c	(95022524)	481400.00	3636600.00	4.06893c	(95022524)
481500.00	3636600.00	3.24422c	(95051924)	481600.00	3636600.00	2.74040c	(95051924)
481700.00	3636600.00	2.39568c	(95052124)	478900.00	3636700.00	3.06584c	(95012224)
479000.00	3636700.00	3.41197c	(95012224)	479100.00	3636700.00	3.79631c	(95112824)
479200.00	3636700.00	4.47104c	(95122724)	479300.00	3636700.00	6.03476c	(95122524)
479400.00	3636700.00	7.83735c	(95122724)	479500.00	3636700.00	9.45975c	(95122724)
479600.00	3636700.00	10.63069c	(95122724)	481000.00	3636700.00	9.10757c	(95022524)
481100.00	3636700.00	7.34390c	(95022524)	481200.00	3636700.00	5.69354c	(95022524)
481300.00	3636700.00	4.26673c	(95081824)	481400.00	3636700.00	3.42289c	(95051924)
481500.00	3636700.00	3.07132c	(95052124)	481600.00	3636700.00	2.83877c	(95031924)
481700.00	3636700.00	2.51259c	(95081824)	478900.00	3636800.00	3.57748	(95121824)
479000.00	3636800.00	3.83404	(95121824)	479100.00	3636800.00	4.13864	(95121824)
479200.00	3636800.00	4.62714c	(95012224)	479300.00	3636800.00	5.42205c	(95012224)
479400.00	3636800.00	6.22875c	(95112324)	479500.00	3636800.00	7.68906c	(95012224)
479600.00	3636800.00	10.52935c	(95122724)	481000.00	3636800.00	8.88564c	(95022524)
481100.00	3636800.00	6.00712c	(95081824)	481200.00	3636800.00	4.72521c	(95051124)
481300.00	3636800.00	4.18735c	(95031924)	481400.00	3636800.00	3.56507c	(95101824)
481500.00	3636800.00	3.20435c	(95101824)	481600.00	3636800.00	2.89693c	(95101824)
481700.00	3636800.00	2.63323c	(95101824)	478900.00	3636900.00	4.44567c	(95112924)
479000.00	3636900.00	4.82593c	(95112924)	479100.00	3636900.00	5.27634c	(95112924)
479200.00	3636900.00	5.82909c	(95112924)	479300.00	3636900.00	6.53279c	(95112924)
479400.00	3636900.00	7.47191c	(95112924)	479500.00	3636900.00	8.76743c	(95112924)
479600.00	3636900.00	10.58129c	(95112924)	481000.00	3636900.00	7.64561c	(95081824)
481100.00	3636900.00	6.05556c	(95101824)	481200.00	3636900.00	5.12073c	(95031924)
481300.00	3636900.00	4.32354c	(95031924)	481400.00	3636900.00	3.84027c	(95101824)
481500.00	3636900.00	3.36667c	(95101824)	481600.00	3636900.00	2.97983c	(95101824)
481700.00	3636900.00	2.66089c	(95101824)	478900.00	3637000.00	5.04984c	(95112924)
479000.00	3637000.00	5.48749c	(95112924)	479100.00	3637000.00	6.02476c	(95112924)

479200.00	3637000.00	6.70303c (95112924)	479300.00	3637000.00	7.58815c (95112924)
479400.00	3637000.00	8.75870c (95112924)	479500.00	3637000.00	10.13865c (95010624)
479600.00	3637000.00	12.78242c (95012924)	481000.00	3637000.00	8.53729c (95101824)

CONC URBAN ELEV DFAULT

*** THE 2ND HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
481100.00	3637000.00	6.36418c	(95101824)	481200.00	3637000.00	5.33751c	(95020524)
481300.00	3637000.00	4.53251c	(95040824)	481400.00	3637000.00	3.81799c	(95040824)
481500.00	3637000.00	3.26223c	(95040824)	481600.00	3637000.00	3.01559c	(95121124)
481700.00	3637000.00	2.83809c	(95121124)	478900.00	3637100.00	4.84815c	(95010224)
479000.00	3637100.00	5.15691c	(95010224)	479100.00	3637100.00	5.58909c	(95010624)
479200.00	3637100.00	6.51144c	(95112324)	479300.00	3637100.00	7.19257c	(95012924)
479400.00	3637100.00	8.59048c	(95012924)	479500.00	3637100.00	10.21331c	(95012924)
479600.00	3637100.00	12.07209c	(95012924)	481000.00	3637100.00	8.47812c	(95040824)
481100.00	3637100.00	6.65747c	(95040824)	481200.00	3637100.00	5.41584c	(95040824)
481300.00	3637100.00	4.51451c	(95040824)	481400.00	3637100.00	3.83140c	(95040824)
481500.00	3637100.00	3.36821c	(95121124)	481600.00	3637100.00	3.19569c	(95121124)
481700.00	3637100.00	3.04545c	(95121124)	478900.00	3637200.00	4.64221c	(95120824)
479000.00	3637200.00	4.89470c	(95120824)	479100.00	3637200.00	5.50008c	(95012924)
479200.00	3637200.00	6.35721c	(95012924)	479300.00	3637200.00	7.26170c	(95012924)
479400.00	3637200.00	8.13896c	(95012924)	479500.00	3637200.00	8.85728c	(95012924)
479600.00	3637200.00	9.22895c	(95012924)	481000.00	3637200.00	6.70772c	(95050724)
481100.00	3637200.00	5.15219c	(95040824)	481200.00	3637200.00	4.82002c	(95020524)
481300.00	3637200.00	4.51925c	(95052324)	481400.00	3637200.00	3.66628c	(95052324)
481500.00	3637200.00	3.03970c	(95052324)	481600.00	3637200.00	2.87326c	(95121124)
481700.00	3637200.00	2.81963c	(95121124)	478900.00	3637300.00	4.48820c	(95012924)
479000.00	3637300.00	5.08485c	(95012924)	479100.00	3637300.00	5.67327c	(95012924)
479200.00	3637300.00	6.19602c	(95012924)	479300.00	3637300.00	6.58485c	(95012924)
479400.00	3637300.00	6.79352c	(95012924)	479500.00	3637300.00	6.88346c	(95012924)
479600.00	3637300.00	7.09057c	(95012924)	481000.00	3637300.00	7.62064c	(95052424)
481100.00	3637300.00	5.56669c	(95050724)	481200.00	3637300.00	4.39816c	(95050724)
481300.00	3637300.00	3.48005c	(95050724)	481400.00	3637300.00	3.23382c	(95020524)
481500.00	3637300.00	3.18346c	(95052324)	481600.00	3637300.00	2.67525c	(95052324)
481700.00	3637300.00	2.28589c	(95052324)	478900.00	3637400.00	4.72753c	(95012924)
479000.00	3637400.00	5.09392c	(95012924)	479100.00	3637400.00	5.36583c	(95012924)
479200.00	3637400.00	5.52860c	(95012924)	479300.00	3637400.00	5.61352c	(95012924)
479400.00	3637400.00	5.70050c	(95012924)	479500.00	3637400.00	5.83457c	(95012924)
479600.00	3637400.00	5.85489c	(95012924)	481000.00	3637400.00	7.75273c	(95052424)
481100.00	3637400.00	6.06525c	(95052424)	481200.00	3637400.00	4.68991c	(95052424)
481300.00	3637400.00	3.84665c	(95050724)	481400.00	3637400.00	3.19464c	(95050724)
481500.00	3637400.00	2.62319c	(95050724)	481600.00	3637400.00	2.22235c	(95020524)
481700.00	3637400.00	2.37162c	(95052324)	478900.00	3637500.00	4.58478c	(95012924)
479000.00	3637500.00	4.70477c	(95012924)	479100.00	3637500.00	4.74840c	(95012924)

479200.00	3637500.00	4.73538c (95012924)	479300.00	3637500.00	4.66438c (95012924)
479400.00	3637500.00	4.45263c (95012924)	479500.00	3637500.00	4.59341c (95031924)
479600.00	3637500.00	4.61389c (95010624)	479700.00	3637500.00	6.03115c (95110524)

CONC URBAN ELEV DFAULT

*** THE 2ND HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479800.00	3637500.00	9.07065c	(95110524)	479900.00	3637500.00	11.34395c	(95021624)
480000.00	3637500.00	9.45368c	(95110824)	480100.00	3637500.00	10.48525c	(95110524)
480200.00	3637500.00	12.76242c	(95030424)	480300.00	3637500.00	12.58034c	(95110824)
480400.00	3637500.00	10.32590c	(95110824)	480500.00	3637500.00	8.58402c	(95052424)
480600.00	3637500.00	7.63392c	(95011124)	480700.00	3637500.00	7.31754c	(95011124)
480800.00	3637500.00	6.52543c	(95061424)	480900.00	3637500.00	6.86425c	(95052324)
481000.00	3637500.00	6.73562c	(95052324)	481100.00	3637500.00	5.90645c	(95052424)
481200.00	3637500.00	4.86107c	(95052424)	481300.00	3637500.00	3.96450c	(95052424)
481400.00	3637500.00	3.26762c	(95050724)	481500.00	3637500.00	2.87251c	(95050724)
481600.00	3637500.00	2.46310c	(95050724)	481700.00	3637500.00	2.07969c	(95050724)
478900.00	3637600.00	4.09750c	(95012924)	479000.00	3637600.00	4.02404c	(95012924)
479100.00	3637600.00	3.86449c	(95012924)	479200.00	3637600.00	3.58446c	(95012924)
479300.00	3637600.00	3.48132c	(95102424)	479400.00	3637600.00	3.55157c	(95102424)
479500.00	3637600.00	3.51657c	(95102424)	479600.00	3637600.00	4.01344c	(95122424)
479700.00	3637600.00	6.71869c	(95110524)	479800.00	3637600.00	9.28860c	(95110824)
479900.00	3637600.00	8.38211c	(95021624)	480000.00	3637600.00	7.22637c	(95123124)
480100.00	3637600.00	9.83232c	(95030424)	480200.00	3637600.00	10.04215c	(95030424)
480300.00	3637600.00	9.88610c	(95110824)	480400.00	3637600.00	6.92308c	(95110824)
480500.00	3637600.00	7.11415c	(95101024)	480600.00	3637600.00	6.51517c	(95030424)
480700.00	3637600.00	5.45198c	(95052424)	480800.00	3637600.00	5.41126c	(95052424)
480900.00	3637600.00	5.12938c	(95061424)	481000.00	3637600.00	4.99288c	(95052324)
481100.00	3637600.00	4.96435c	(95052324)	481200.00	3637600.00	4.66876c	(95052424)
481300.00	3637600.00	3.96391c	(95052424)	481400.00	3637600.00	3.34152c	(95052424)
481500.00	3637600.00	2.82006c	(95052424)	481600.00	3637600.00	2.51984c	(95012524)
481700.00	3637600.00	2.25468c	(95012524)	478900.00	3637700.00	3.28802c	(95012924)
479000.00	3637700.00	3.06946c	(95010624)	479100.00	3637700.00	2.78581c	(95110724)
479200.00	3637700.00	2.86399c	(95031924)	479300.00	3637700.00	3.05560c	(95102424)
479400.00	3637700.00	2.81675c	(95102424)	479500.00	3637700.00	3.08341c	(95030424)
479600.00	3637700.00	4.48138c	(95110524)	479700.00	3637700.00	6.62738c	(95110524)
479800.00	3637700.00	8.45603c	(95021624)	479900.00	3637700.00	6.15346c	(95021624)
480000.00	3637700.00	5.96151c	(95110824)	480100.00	3637700.00	7.89251c	(95030424)
480200.00	3637700.00	8.44986c	(95110824)	480300.00	3637700.00	7.73871c	(95110824)
480400.00	3637700.00	5.56850c	(95101024)	480500.00	3637700.00	6.06991c	(95101024)
480600.00	3637700.00	5.72106c	(95030424)	480700.00	3637700.00	4.73451c	(95101024)
480800.00	3637700.00	3.88686c	(95052424)	480900.00	3637700.00	4.25832c	(95052424)
481000.00	3637700.00	4.15318c	(95061424)	481100.00	3637700.00	3.95523c	(95061424)
481200.00	3637700.00	3.79640c	(95052324)	481300.00	3637700.00	3.75505c	(95052324)

481400.00	3637700.00	3.29478c (95052424)	481500.00	3637700.00	2.83647c (95052424)
481600.00	3637700.00	2.58147c (95012524)	481700.00	3637700.00	2.42218c (95012524)
478900.00	3637800.00	2.46520c (95110724)	479000.00	3637800.00	2.21229c (95110724)

CONC URBAN ELEV DFAULT

*** THE 2ND HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
479100.00	3637800.00	2.51656c	(95031924)	479200.00	3637800.00	2.56960c	(95102424)
479300.00	3637800.00	2.25940c	(95030424)	479400.00	3637800.00	2.46673c	(95030424)
479500.00	3637800.00	2.83309c	(95021624)	479600.00	3637800.00	4.98680c	(95021624)
479700.00	3637800.00	5.95780c	(95110524)	479800.00	3637800.00	6.82869c	(95021624)
479900.00	3637800.00	4.82321c	(95021624)	480000.00	3637800.00	5.64067c	(95030424)
480100.00	3637800.00	6.62745c	(95110824)	480200.00	3637800.00	6.79098c	(95030424)
480300.00	3637800.00	5.96823c	(95110824)	480400.00	3637800.00	4.50449c	(95101024)
480500.00	3637800.00	5.15496c	(95101024)	480600.00	3637800.00	5.07146c	(95101024)
480700.00	3637800.00	4.36977c	(95101024)	480800.00	3637800.00	3.39716c	(95101124)
480900.00	3637800.00	3.10285c	(95052424)	481000.00	3637800.00	3.44602c	(95011124)
481100.00	3637800.00	3.44304c	(95061424)	481200.00	3637800.00	3.25912c	(95061424)
481300.00	3637800.00	2.98813c	(95052324)	481400.00	3637800.00	2.99994c	(95052324)
481500.00	3637800.00	2.78890c	(95052424)	481600.00	3637800.00	2.45903c	(95012524)
481700.00	3637800.00	2.36898c	(95012524)	478900.00	3637900.00	1.83063c	(95031924)
479000.00	3637900.00	2.24116c	(95031924)	479100.00	3637900.00	2.12597c	(95102424)
479200.00	3637900.00	1.89920c	(95030424)	479300.00	3637900.00	2.01608c	(95030424)
479400.00	3637900.00	2.18593c	(95122424)	479500.00	3637900.00	3.23751c	(95021624)
479600.00	3637900.00	5.12177c	(95110524)	479700.00	3637900.00	6.16178c	(95110824)
479800.00	3637900.00	5.44626c	(95021624)	479900.00	3637900.00	4.19280c	(95021624)
480000.00	3637900.00	5.39770c	(95110824)	480100.00	3637900.00	6.35172c	(95110824)
480200.00	3637900.00	5.75164c	(95030424)	480300.00	3637900.00	4.54848c	(95110824)
480400.00	3637900.00	3.66270c	(95101024)	480500.00	3637900.00	4.35330c	(95101024)
480600.00	3637900.00	4.47383c	(95101024)	480700.00	3637900.00	3.59236c	(95011124)
480800.00	3637900.00	3.26576c	(95101024)	480900.00	3637900.00	2.62041c	(95101124)
481000.00	3637900.00	2.62134c	(95052424)	481100.00	3637900.00	2.83845c	(95061424)
481200.00	3637900.00	2.91268c	(95061424)	481300.00	3637900.00	2.74773c	(95061424)
481400.00	3637900.00	2.58933c	(95012524)	481500.00	3637900.00	2.44053c	(95052324)
481600.00	3637900.00	2.40022c	(95052424)	481700.00	3637900.00	2.21762c	(95012524)
478900.00	3638000.00	2.01728c	(95031924)	479000.00	3638000.00	1.74040c	(95102424)
479100.00	3638000.00	1.62020c	(95030424)	479200.00	3638000.00	1.74526c	(95123124)
479300.00	3638000.00	1.89613c	(95123124)	479400.00	3638000.00	2.31076c	(95110524)
479500.00	3638000.00	3.63031c	(95021624)	479600.00	3638000.00	4.83564c	(95110524)
479700.00	3638000.00	5.61007c	(95021624)	479800.00	3638000.00	4.47135c	(95021624)
479900.00	3638000.00	4.30424c	(95110524)	480000.00	3638000.00	5.30266c	(95110824)
480100.00	3638000.00	5.31009c	(95110524)	480200.00	3638000.00	4.95160c	(95030424)
480300.00	3638000.00	3.45278c	(95110824)	480400.00	3638000.00	3.09335c	(95052424)
480500.00	3638000.00	3.66626c	(95101024)	480600.00	3638000.00	3.92238c	(95101024)

480700.00	3638000.00	3.12029c (95030424)	480800.00	3638000.00	3.13452c (95101024)
480900.00	3638000.00	2.56038c (95101124)	481000.00	3638000.00	2.01518c (95080824)
481100.00	3638000.00	2.27233c (95052424)	481200.00	3638000.00	2.46866c (95061424)

CONC URBAN ELEV DFAULT

*** THE 2ND HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 , AREA3 , AREA4 , AREA5 , AREA6 , AREA7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
481300.00	3638000.00	2.52950c	(95102824)	481400.00	3638000.00	2.46528c	(95012524)
481500.00	3638000.00	2.34355c	(95012524)	481600.00	3638000.00	2.19987c	(95012524)
481700.00	3638000.00	2.08306c	(95012524)	478900.00	3638100.00	1.41601c	(95102424)
479000.00	3638100.00	1.39964c	(95030424)	479100.00	3638100.00	1.53147c	(95123124)
479200.00	3638100.00	1.73507c	(95123124)	479300.00	3638100.00	1.74090	(95010424)
479400.00	3638100.00	2.43255c	(95021624)	479500.00	3638100.00	3.90662c	(95021624)
479600.00	3638100.00	4.36203c	(95110524)	479700.00	3638100.00	4.79858c	(95021624)
479800.00	3638100.00	3.88171c	(95021624)	479900.00	3638100.00	4.27353c	(95110524)
480000.00	3638100.00	4.76063c	(95110524)	480100.00	3638100.00	4.28563c	(95110524)
480200.00	3638100.00	4.32321c	(95030424)	480300.00	3638100.00	2.77337c	(95052424)
480400.00	3638100.00	2.80147c	(95052424)	480500.00	3638100.00	3.08987c	(95101024)
480600.00	3638100.00	3.41904c	(95101024)	480700.00	3638100.00	2.90051c	(95030424)
480800.00	3638100.00	2.76342c	(95011124)	480900.00	3638100.00	2.43189c	(95101124)
481000.00	3638100.00	2.04102c	(95101124)	481100.00	3638100.00	1.81079c	(95080824)
481200.00	3638100.00	2.04714c	(95102824)	481300.00	3638100.00	2.20822c	(95052424)
481400.00	3638100.00	2.31790c	(95052424)	481500.00	3638100.00	2.26297c	(95012524)
481600.00	3638100.00	2.14589c	(95012524)	481700.00	3638100.00	2.01111c	(95012524)
478900.00	3638200.00	1.22187c	(95030424)	479000.00	3638200.00	1.34380c	(95123124)
479100.00	3638200.00	1.57860c	(95123124)	479200.00	3638200.00	1.64072c	(95123124)
479300.00	3638200.00	1.83150c	(95031924)	479400.00	3638200.00	2.73631c	(95021624)
479500.00	3638200.00	4.02212c	(95021624)	479600.00	3638200.00	4.52040c	(95110824)
479700.00	3638200.00	4.14086c	(95021624)	479800.00	3638200.00	3.56164c	(95021624)
479900.00	3638200.00	4.05232c	(95110524)	480000.00	3638200.00	4.06234c	(95110524)
480100.00	3638200.00	3.58753c	(95030424)	480200.00	3638200.00	3.63521c	(95110824)
480300.00	3638200.00	2.50935c	(95052424)	480400.00	3638200.00	2.55068c	(95052424)
480500.00	3638200.00	2.61580c	(95101024)	480600.00	3638200.00	2.96924c	(95101024)
480700.00	3638200.00	2.68171c	(95030424)	480800.00	3638200.00	2.29300c	(95101124)
480900.00	3638200.00	2.37566c	(95101024)	481000.00	3638200.00	2.01084c	(95101124)
481100.00	3638200.00	1.71389c	(95080824)	481200.00	3638200.00	1.65537c	(95080824)
481300.00	3638200.00	1.87421c	(95012524)	481400.00	3638200.00	2.07838c	(95012524)
481500.00	3638200.00	2.14451c	(95012524)	481600.00	3638200.00	2.09662c	(95012524)
481700.00	3638200.00	1.95173c	(95052424)				

**MODELOPTs:
CONC URBAN ELEV DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

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

GROUP ID		AVERAGE CONC		RECEPTOR (XR, YR, ZELEV, ZFLAG)				OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	15.53526	AT (	480650.00,	3637000.00,	114.80,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	13.46926	AT (	480650.00,	3636950.00,	114.80,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	12.42929	AT (	480650.00,	3637050.00,	112.70,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	11.48047	AT (	480100.00,	3637050.00,	111.30,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	10.25596	AT (	480650.00,	3636900.00,	114.40,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	8.64432	AT (	480650.00,	3636850.00,	115.00,	0.00)	DC	NA
	7TH HIGHEST VALUE IS	8.48111	AT (	480450.00,	3637150.00,	121.00,	0.00)	DC	NA
	8TH HIGHEST VALUE IS	8.44039	AT (	480700.00,	3636950.00,	111.60,	0.00)	DC	NA
	9TH HIGHEST VALUE IS	8.34575	AT (	480400.00,	3637150.00,	119.50,	0.00)	DC	NA
	10TH HIGHEST VALUE IS	8.34322	AT (	480700.00,	3637000.00,	107.50,	0.00)	DC	NA

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

CONC URBAN ELEV DFAULT

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF OTHER 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	112.38400c	ON 95030424:	AT (480100.00, 3637050.00, 111.30, 0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	74.60999c	ON 95110824:	AT (480100.00, 3637050.00, 111.30, 0.00)	DC	NA

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

**MODELOPTs:
CONC URBAN ELEV DFAULT

*** Message Summary : ISCST3 Model Execution ***

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

A Total of 0 Fatal Error Message(s)
A Total of 0 Warning Message(s)
A Total of 1526 Informational Message(s)

A Total of 1525 Calm Hours Identified

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

******** WARNING MESSAGES ********
*** NONE ***

****
*** ISCST3 Finishes Successfully ***
****