
 PREPARED BY
ARMELLINI ENGINEERING, INC
 TULSA OKLAHOMA
 JOB NUMBER:
1092-918

NO.	REVISION - DESCRIPTION	BY	DATE	CHK'D	APP'D

DWG. STATUS	CHECKED		APPROVED			
	BY	DATE	BY	DATE	BY	DATE
PREL'Y						
BID						
CONSTR.						
CADD						

PLOT DATE: 03/2/93
 DWG. SO-1-21.DWG

WORK ORDER NUMBER		
CONSTRUCTION		
DESIGN		
DRAWN	KMH	02/08/93
AS BUILT		
SCALE	1" = 100'	

Florida Gas Transmission Company
 Houston, Texas
 COMPRESSOR STATION NO. 21
 PLOT PLAN
 PALM BEACH COUNTY, FLORIDA

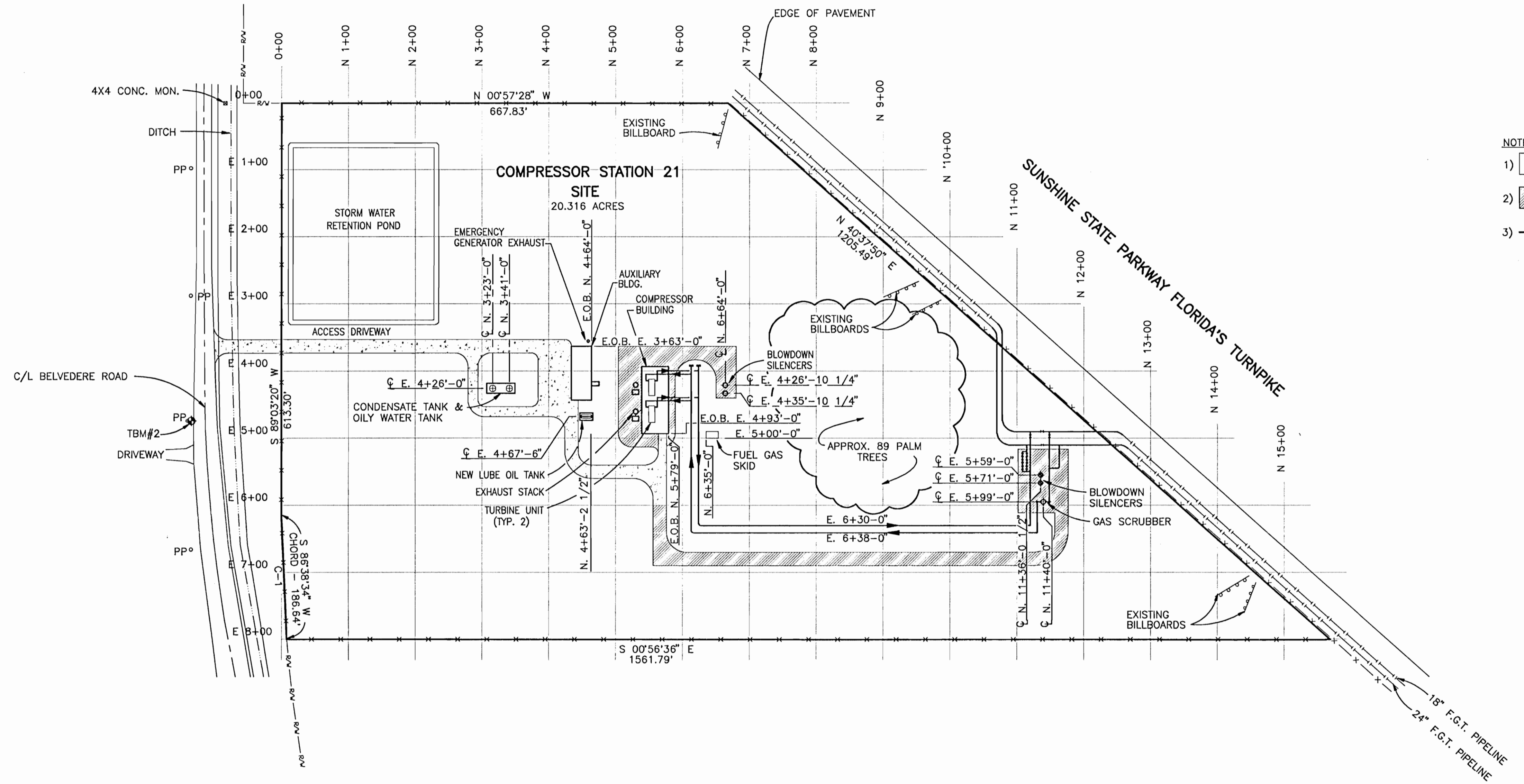
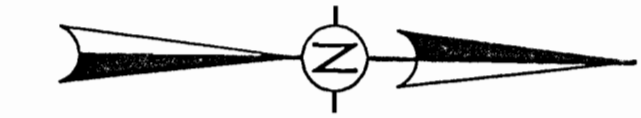
ENRON
GAS PIPELINE
GROUP
 DRAWING NUMBER
 SO-1

2/27/93 10:28 1043 04/05/93 10:00 SO-1-21.DWG BY: NPH, NPH/ML

Appendix B (Rec'd Z App)

PALM BEACH COUNTY, FLORIDA
 PART OF TRACTS 15 AND 18, BLOCK 4, PLAT NO. 3,
 PALM BEACH FARMS CO.
 SECTIONS 27, 28 & 34, T 43 S, R 42 E

2



- NOTE**
- 1) PAVED ROADS OR OTHER AREAS
 - 2) GRAVEL AREA
 - 3) FENCED PROPERTY LINE

	DWG. STATUS	CHECKED	APPROVED			WORK ORDER NUMBER	Florida Gas Transmission Company Houston, Texas	ENRON OPERATIONS CORP.
		BY	DATE	BY	DATE	S22131		
	PREL'Y					1994 CONSTRUCTION		
	BID					DESIGN DRAWN AS BUILT MICROFILM FILE NO. SCALE		
							PHASE III EXPANSION COMPRESSOR STATION 21 AIR PERMIT SITE PLAN PALM BEACH COUNTY, FLORIDA	
								DRAWING NUMBER SO-1AP
NO.	REVISION - DESCRIPTION	BY	DATE	CHK'D	APP'D	PLOT DATE: 11/05/93 DWG. V:\WORK\S22131\M\S01AP21		

Attachment B, Rec'd 1/24/93

P:\44525_0828_11/05/93 10:00 AM\1994\1994.dwg by: [unreadable]

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

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

**Model Uses RURAL Dispersion.

**Model Uses Regulatory DEFAULT Options:

- 1. Final Plume Rise.
- 2. Stack-tip Downwash.
- 3. Buoyancy-induced Dispersion.
- 4. Default Wind Profile Exponents.
- 5. Default Vertical Potential Temperature Gradients.
- 6. "Upper Bound" Values For Supersquat Buildings.
- 7. No Exponential Decay for RURAL Mode

**Model Assumes Receptors on FLAT Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates 1 STAR Average(s) for the Following Months: 0 0 0 0 0 0 0 0 0 0 0 0
 Seasons/Quarters: 0 0 0 0
 and Annual: 1

**Model Assumes 1 STAR Summaries In Data File for the Averaging Periods Identified Above

**This Run Includes: 3 Source(s); 3 Source Group(s); and 625 Receptor(s)

**The Model Assumes A Pollutant Type of: NOX

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

**Output Options Selected:

- Model Outputs Tables of Long Term Values by Receptor (RECTABLE Keyword)
- Model Outputs Tables of Maximum Long Term Values (MAXTABLE Keyword)
- Model Outputs External File(s) of Long Term Values for Plotting (PLOTFILE Keyword)

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SECOND ; Emission Rate Unit Factor = 0.10000E+07
 Output Units = MICROGRAMS/CUBIC-METER

**Input Runstream File: st21n821.ann ; **Output Print File: st21n821.out

**Error Message File: st21n82.err

*** ISCLT2 - VERSION 92062 ***

*** ENRON III STATION 21 MAX ANNUAL NOX 100 M GRID 2-11-93 1982

*** 02/26/93

*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

*** 13:24:22

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (USER UNITS)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
1	0	0.11200E+01	0.0	0.0	0.0	15.24	763.72	55.43	1.01	YES	
2	0	0.11200E+01	0.0	-17.0	0.0	15.24	763.72	55.43	1.01	YES	
11	0	0.10000E-01	-20.0	5.0	0.0	6.10	894.27	44.10	0.09	YES	

*** ISCLT2 - VERSION 92062 ***

*** ENRON III STATION 21 MAX ANNUAL NOX 100 M GRID 2-11-93 1982
*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

*** 02/26/93
*** 13:24:22
PAGE 3

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
1	1 , 2 ,
2	11 ,
3	1 , 2 , 11 ,

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: 1

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	9.1,	19.1,	0	2	9.1,	30.3,	0	3	9.1,	37.1,	0	4	9.1,	38.5,	0
5	9.1,	38.3,	0	6	9.1,	38.5,	0	7	9.1,	37.2,	0	8	9.1,	30.5,	0
9	9.1,	19.1,	0	10	9.1,	30.3,	0	11	9.1,	37.1,	0	12	9.1,	38.5,	0
13	9.1,	38.3,	0	14	9.1,	38.5,	0	15	9.1,	37.2,	0	16	9.1,	30.5,	0

SOURCE ID: 2

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	9.1,	19.1,	0	2	9.1,	30.3,	0	3	9.1,	37.1,	0	4	9.1,	38.5,	0
5	9.1,	38.3,	0	6	9.1,	38.5,	0	7	9.1,	37.2,	0	8	9.1,	30.5,	0
9	9.1,	19.1,	0	10	9.1,	30.3,	0	11	9.1,	37.1,	0	12	9.1,	38.5,	0
13	9.1,	38.3,	0	14	9.1,	38.5,	0	15	9.1,	37.2,	0	16	9.1,	30.5,	0

SOURCE ID: 11

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	5.7,	9.3,	0	2	5.7,	14.3,	0	3	9.1,	37.1,	0	4	9.1,	38.5,	0
5	9.1,	38.3,	0	6	9.1,	38.5,	0	7	9.1,	37.2,	0	8	9.1,	30.5,	0
9	5.7,	9.3,	0	10	5.7,	14.3,	0	11	9.1,	37.1,	0	12	9.1,	38.5,	0
13	9.1,	38.3,	0	14	9.1,	38.5,	0	15	9.1,	37.2,	0	16	9.1,	30.5,	0

*** ISCLT2 - VERSION 92062 ***

*** ENRON III STATION 21 MAX ANNUAL NOX 100 M GRID 2-11-93 1982

02/26/93

*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

13:24:22

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

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*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***

(METERS)

-1200.0,	-1100.0,	-1000.0,	-900.0,	-800.0,	-700.0,	-600.0,	-500.0,	-400.0,	-300.0,
-200.0,	-100.0,	0.0,	100.0,	200.0,	300.0,	400.0,	500.0,	600.0,	700.0,
800.0,	900.0,	1000.0,	1100.0,	1200.0,					

*** Y-COORDINATES OF GRID ***

(METERS)

-1200.0,	-1100.0,	-1000.0,	-900.0,	-800.0,	-700.0,	-600.0,	-500.0,	-400.0,	-300.0,
-200.0,	-100.0,	0.0,	100.0,	200.0,	300.0,	400.0,	500.0,	600.0,	700.0,
800.0,	900.0,	1000.0,	1100.0,	1200.0,					

*** ISCLT2 - VERSION 92062 ***

*** ENRON III STATION 21 MAX ANNUAL NOX 100 M GRID 2-11-93 1982

02/26/93

*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

13:24:22

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

* SOURCE-RECEPTOR COMBINATIONS LESS THAN 1.0 METER OR 3*ZLB *
IN DISTANCE. CALCULATIONS MAY NOT BE PERFORMED.

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
1	0.0 0.0	0.00

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** AVERAGE SPEED FOR EACH WIND SPEED CATEGORY ***
(METERS/SEC)

1.50, 2.50, 4.30, 6.80, 9.50, 12.50,

*** WIND PROFILE EXPONENTS ***

STABILITY CATEGORY	WIND SPEED CATEGORY					
	1	2	3	4	5	6
A	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01
B	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01
C	.10000E+00	.10000E+00	.10000E+00	.10000E+00	.10000E+00	.10000E+00
D	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
E	.35000E+00	.35000E+00	.35000E+00	.35000E+00	.35000E+00	.35000E+00
F	.55000E+00	.55000E+00	.55000E+00	.55000E+00	.55000E+00	.55000E+00

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
(DEGREES KELVIN PER METER)

STABILITY CATEGORY	WIND SPEED CATEGORY					
	1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

*** AVERAGE AMBIENT AIR TEMPERATURE (KELVIN) ***

	STABILITY CATEGORY A	STABILITY CATEGORY B	STABILITY CATEGORY C	STABILITY CATEGORY D	STABILITY CATEGORY E	STABILITY CATEGORY F
ANNUAL	301.4000	301.4000	301.4000	296.8000	292.2000	292.2000

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** FREQUENCY OF OCCURRENCE OF WIND SPEED, DIRECTION AND STABILITY ***

FILE: jfwpb82.Y

FORMAT: (6F10.6)

SURFACE STATION NO.: 12844

UPPER AIR STATION NO.: 12844

NAME: WESTPALMBEACH-FL

NAME: WESTPALMBEACH-FL

YEAR: 1982

YEAR: 1982

ANNUAL: STABILITY CATEGORY A

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00026500	0.00022900	0.00000000	0.00000000	0.00000000	0.00000000
22.500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
45.000	0.00005100	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
67.500	0.00005100	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
90.000	0.00010100	0.00022900	0.00000000	0.00000000	0.00000000	0.00000000
112.500	0.00005100	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
135.000	0.00026500	0.00022900	0.00000000	0.00000000	0.00000000	0.00000000
157.500	0.00021500	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
180.000	0.00005100	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
202.500	0.00026500	0.00022900	0.00000000	0.00000000	0.00000000	0.00000000
225.000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
247.500	0.00005100	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
270.000	0.00015100	0.00034300	0.00000000	0.00000000	0.00000000	0.00000000
292.500	0.00005100	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
315.000	0.00010100	0.00022900	0.00000000	0.00000000	0.00000000	0.00000000
337.500	0.00005100	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000

ANNUAL: STABILITY CATEGORY B

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00164600	0.00159900	0.00045700	0.00000000	0.00000000	0.00000000
22.500	0.00006300	0.00045700	0.00034300	0.00000000	0.00000000	0.00000000
45.000	0.00068000	0.00022900	0.00068500	0.00000000	0.00000000	0.00000000
67.500	0.00045200	0.00045700	0.00057100	0.00000000	0.00000000	0.00000000
90.000	0.00065500	0.00194100	0.00456700	0.00000000	0.00000000	0.00000000
112.500	0.00040000	0.00102800	0.00376800	0.00000000	0.00000000	0.00000000
135.000	0.00063900	0.00182700	0.00456700	0.00000000	0.00000000	0.00000000
157.500	0.00048300	0.00068500	0.00194100	0.00000000	0.00000000	0.00000000
180.000	0.00240400	0.00239800	0.00080000	0.00000000	0.00000000	0.00000000
202.500	0.00087200	0.00068500	0.00057100	0.00000000	0.00000000	0.00000000
225.000	0.00088300	0.00171300	0.00114200	0.00000000	0.00000000	0.00000000
247.500	0.00109600	0.00137000	0.00068500	0.00000000	0.00000000	0.00000000
270.000	0.00130800	0.00102800	0.00080000	0.00000000	0.00000000	0.00000000
292.500	0.00077400	0.00091400	0.00091400	0.00000000	0.00000000	0.00000000
315.000	0.00074300	0.00068500	0.00022900	0.00000000	0.00000000	0.00000000
337.500	0.00083600	0.00137000	0.00068500	0.00000000	0.00000000	0.00000000

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** FREQUENCY OF OCCURRENCE OF WIND SPEED, DIRECTION AND STABILITY ***

FILE: jfwpb82.Y

FORMAT: (6F10.6)

SURFACE STATION NO.: 12844

UPPER AIR STATION NO.: 12844

NAME: WESTPALMBEACH-FL

NAME: WESTPALMBEACH-FL

YEAR: 1982

YEAR: 1982

ANNUAL: STABILITY CATEGORY C

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00090900	0.00262600	0.00274000	0.00068500	0.00000000	0.00000000
22.500	0.00004900	0.00045700	0.00148500	0.00068500	0.00000000	0.00000000
45.000	0.00019900	0.00068500	0.00319700	0.00171300	0.00000000	0.00000000
67.500	0.00007300	0.00068500	0.00399600	0.00251200	0.00034300	0.00000000
90.000	0.00029600	0.00159900	0.01335700	0.00913300	0.00011500	0.00000000
112.500	0.00012100	0.00114200	0.01290000	0.00719200	0.00000000	0.00000000
135.000	0.00049400	0.00228400	0.01780900	0.00685000	0.00011500	0.00000000
157.500	0.00012100	0.00114200	0.00890500	0.00308300	0.00022900	0.00000000
180.000	0.00094500	0.00296900	0.00616500	0.00114200	0.00000000	0.00000000
202.500	0.00051200	0.00125600	0.00194100	0.00000000	0.00000000	0.00000000
225.000	0.00041600	0.00274000	0.00171300	0.00034300	0.00000000	0.00000000
247.500	0.00004900	0.00045700	0.00228400	0.00068500	0.00011500	0.00000000
270.000	0.00029600	0.00159900	0.00171300	0.00045700	0.00000000	0.00000000
292.500	0.00050000	0.00114200	0.00091400	0.00011500	0.00000000	0.00000000
315.000	0.00054800	0.00159900	0.00216900	0.00045700	0.00000000	0.00000000
337.500	0.00064500	0.00251200	0.00296900	0.00022900	0.00000000	0.00000000

ANNUAL: STABILITY CATEGORY D

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00009800	0.00251200	0.00685000	0.00810600	0.00068500	0.00000000
22.500	0.00014600	0.00068500	0.00216900	0.00924700	0.00091400	0.00000000
45.000	0.00000900	0.00022900	0.00525200	0.02408700	0.00239800	0.00011500
67.500	0.00019000	0.00182700	0.01050300	0.03561700	0.00753500	0.00080000
90.000	0.00018100	0.00159900	0.02089100	0.06084500	0.00947500	0.00068500
112.500	0.00005800	0.00148500	0.01438400	0.02180400	0.00080000	0.00000000
135.000	0.00024300	0.00319700	0.02020600	0.02397300	0.00068500	0.00000000
157.500	0.00005400	0.00137000	0.01118800	0.01130200	0.00034300	0.00000000
180.000	0.00063500	0.00411000	0.01267200	0.01038900	0.00080000	0.00000000
202.500	0.00019500	0.00194100	0.00205500	0.00239800	0.00011500	0.00000000
225.000	0.00018600	0.00171300	0.00285400	0.00159900	0.00011500	0.00011500
247.500	0.00026400	0.00068500	0.00194100	0.00125600	0.00000000	0.00000000
270.000	0.00017700	0.00148500	0.00365300	0.00296900	0.00045700	0.00022900
292.500	0.00028700	0.00125600	0.00159900	0.00365300	0.00045700	0.00022900
315.000	0.00053700	0.00159900	0.00559400	0.00799100	0.00034300	0.00000000
337.500	0.00017200	0.00137000	0.00707800	0.00753500	0.00000000	0.00000000

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** FREQUENCY OF OCCURRENCE OF WIND SPEED, DIRECTION AND STABILITY ***

FILE: jfwpb82.Y

FORMAT: (6F10.6)

SURFACE STATION NO.: 12844

UPPER AIR STATION NO.: 12844

NAME: WESTPALMBEACH-FL

NAME: WESTPALMBEACH-FL

YEAR: 1982

YEAR: 1982

ANNUAL: STABILITY CATEGORY E

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00000000	0.00376800	0.00331100	0.00000000	0.00000000	0.00000000
22.500	0.00000000	0.00091400	0.00182700	0.00000000	0.00000000	0.00000000
45.000	0.00000000	0.00125600	0.00433800	0.00000000	0.00000000	0.00000000
67.500	0.00000000	0.00080000	0.00833400	0.00000000	0.00000000	0.00000000
90.000	0.00000000	0.00376800	0.01449800	0.00000000	0.00000000	0.00000000
112.500	0.00000000	0.00433800	0.01016000	0.00000000	0.00000000	0.00000000
135.000	0.00000000	0.00913300	0.01255800	0.00000000	0.00000000	0.00000000
157.500	0.00000000	0.00833400	0.00536600	0.00000000	0.00000000	0.00000000
180.000	0.00000000	0.01244300	0.00342500	0.00000000	0.00000000	0.00000000
202.500	0.00000000	0.00251200	0.00080000	0.00000000	0.00000000	0.00000000
225.000	0.00000000	0.00433800	0.00148500	0.00000000	0.00000000	0.00000000
247.500	0.00000000	0.00285400	0.00045700	0.00000000	0.00000000	0.00000000
270.000	0.00000000	0.00411000	0.00182700	0.00000000	0.00000000	0.00000000
292.500	0.00000000	0.00388200	0.00080000	0.00000000	0.00000000	0.00000000
315.000	0.00000000	0.00205500	0.00616500	0.00000000	0.00000000	0.00000000
337.500	0.00000000	0.00433800	0.00274000	0.00000000	0.00000000	0.00000000

ANNUAL: STABILITY CATEGORY F

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00561400	0.00399600	0.00000000	0.00000000	0.00000000	0.00000000
22.500	0.00134700	0.00022900	0.00000000	0.00000000	0.00000000	0.00000000
45.000	0.00122200	0.00114200	0.00000000	0.00000000	0.00000000	0.00000000
67.500	0.00116700	0.00182700	0.00000000	0.00000000	0.00000000	0.00000000
90.000	0.00400500	0.00639300	0.00000000	0.00000000	0.00000000	0.00000000
112.500	0.00644700	0.00867600	0.00000000	0.00000000	0.00000000	0.00000000
135.000	0.01287100	0.01895000	0.00000000	0.00000000	0.00000000	0.00000000
157.500	0.01019600	0.00776300	0.00000000	0.00000000	0.00000000	0.00000000
180.000	0.01824100	0.01484100	0.00000000	0.00000000	0.00000000	0.00000000
202.500	0.00749300	0.00479500	0.00000000	0.00000000	0.00000000	0.00000000
225.000	0.00986100	0.00605100	0.00000000	0.00000000	0.00000000	0.00000000
247.500	0.00566900	0.00331100	0.00000000	0.00000000	0.00000000	0.00000000
270.000	0.01298100	0.00970400	0.00000000	0.00000000	0.00000000	0.00000000
292.500	0.00539000	0.00548000	0.00000000	0.00000000	0.00000000	0.00000000
315.000	0.00911600	0.00616500	0.00000000	0.00000000	0.00000000	0.00000000
337.500	0.00676500	0.00536600	0.00000000	0.00000000	0.00000000	0.00000000

SUM OF FREQUENCIES, FTOTAL = 1.00015

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-1200.00	-1100.00	-1000.00	-900.00	-800.00	-700.00	-600.00	-500.00	-400.00
1200.00	0.148202	0.139608	0.130033	0.119531	0.108235	0.096382	0.084338	0.072785	0.070188
1100.00	0.145158	0.148497	0.138498	0.127368	0.115227	0.102320	0.089054	0.076019	0.068979
1000.00	0.140631	0.144678	0.147686	0.135931	0.122904	0.108847	0.094201	0.079649	0.067634
900.00	0.135781	0.139207	0.142804	0.145210	0.131277	0.115986	0.099797	0.083455	0.068010
800.00	0.130744	0.133408	0.136095	0.138882	0.140302	0.123720	0.105684	0.086535	0.068760
700.00	0.125725	0.127510	0.129114	0.130586	0.132045	0.131836	0.110854	0.089482	0.069275
600.00	0.121017	0.121849	0.122243	0.122193	0.121552	0.119638	0.116134	0.092422	0.069476
500.00	0.116992	0.116878	0.116024	0.114315	0.110579	0.106009	0.101299	0.095037	0.062471
400.00	0.127530	0.120308	0.112211	0.107587	0.101371	0.094025	0.085891	0.069862	0.052633
300.00	0.141849	0.134046	0.124565	0.111975	0.097914	0.085288	0.069938	0.048205	0.029738
200.00	0.158150	0.150289	0.140280	0.125203	0.108246	0.089598	0.061971	0.036453	0.016627
100.00	0.176159	0.168775	0.158790	0.142570	0.123762	0.101580	0.064613	0.032892	0.012120
0.00	0.195444	0.189008	0.179976	0.163489	0.143929	0.120473	0.077466	0.039612	0.015056
-100.00	0.174824	0.166986	0.156417	0.139296	0.119642	0.096562	0.059306	0.028949	0.011421
-200.00	0.151617	0.142508	0.131094	0.113919	0.094950	0.074358	0.045278	0.022671	0.010119
-300.00	0.130266	0.120420	0.108680	0.093005	0.075548	0.058584	0.041161	0.022739	0.010497
-400.00	0.111244	0.101258	0.089893	0.078581	0.066471	0.054122	0.041727	0.025755	0.014659
-500.00	0.094929	0.088244	0.081128	0.072946	0.062329	0.051254	0.040944	0.031701	0.018704
-600.00	0.087997	0.082114	0.075394	0.067926	0.059414	0.049965	0.041483	0.031627	0.022129
-700.00	0.082290	0.076723	0.070518	0.063814	0.056868	0.049791	0.040308	0.030878	0.022345
-800.00	0.077209	0.072041	0.066426	0.060541	0.054666	0.047125	0.038813	0.030123	0.022367
-900.00	0.072713	0.067997	0.063008	0.057944	0.051334	0.044134	0.036692	0.029274	0.022332
-1000.00	0.068745	0.064504	0.060141	0.054376	0.048015	0.041306	0.034468	0.027811	0.022513
-1100.00	0.065236	0.061472	0.056452	0.050864	0.044885	0.038655	0.032381	0.026338	0.024599
-1200.00	0.062121	0.057750	0.052853	0.047558	0.041954	0.036178	0.030418	0.024916	0.026490

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)								
	-300.00	-200.00	-100.00	0.00	100.00	200.00	300.00	400.00	500.00
1200.00	0.068130	0.066637	0.065846	0.065857	0.055711	0.045825	0.036501	0.027975	0.020518
1100.00	0.066054	0.063796	0.062411	0.062048	0.051712	0.041720	0.032427	0.024094	0.020131
1000.00	0.063649	0.060449	0.058259	0.057534	0.047104	0.037167	0.028081	0.020146	0.019864
900.00	0.060322	0.055646	0.052523	0.051276	0.041146	0.031669	0.023307	0.018120	0.019536
800.00	0.056313	0.050302	0.046150	0.044348	0.034742	0.025999	0.018613	0.017207	0.018976
700.00	0.052320	0.044464	0.039033	0.036947	0.028003	0.020351	0.014701	0.016147	0.018285
600.00	0.047284	0.033809	0.026039	0.023605	0.017238	0.012858	0.012318	0.014885	0.017536
500.00	0.036552	0.022170	0.014688	0.012565	0.008666	0.006802	0.008569	0.012106	0.016734
400.00	0.025836	0.011956	0.007018	0.006183	0.003764	0.003374	0.005600	0.009529	0.012528
300.00	0.016681	0.005617	0.003268	0.004110	0.001886	0.002185	0.004099	0.005924	0.009149
200.00	0.006091	0.003696	0.002499	0.003691	0.001575	0.002630	0.002300	0.003747	0.007322
100.00	0.003177	0.002045	0.002077	0.002212	0.003074	0.001562	0.001561	0.003273	0.006829
0.00	0.006496	0.007542	0.012117	0.000000	0.004522	0.004383	0.003780	0.004688	0.008298
-100.00	0.006350	0.007454	0.003381	0.000147	0.001940	0.003269	0.003128	0.003997	0.007097
-200.00	0.004377	0.001570	0.000494	0.001013	0.001419	0.001622	0.002410	0.004056	0.007150
-300.00	0.004021	0.001143	0.000464	0.001251	0.001464	0.001745	0.003122	0.005225	0.008501
-400.00	0.006249	0.002215	0.001568	0.002403	0.002449	0.003381	0.005101	0.008722	0.011941
-500.00	0.009358	0.004699	0.004687	0.006317	0.005794	0.007417	0.009187	0.012634	0.017443
-600.00	0.013021	0.009574	0.010528	0.013440	0.012069	0.013272	0.015472	0.017996	0.019978
-700.00	0.015401	0.015770	0.018152	0.022218	0.020151	0.020277	0.021265	0.021638	0.022762
-800.00	0.018024	0.019909	0.022982	0.027088	0.025097	0.024411	0.025021	0.025354	0.025885
-900.00	0.021443	0.023709	0.026956	0.031049	0.029072	0.028202	0.028444	0.029093	0.029071
-1000.00	0.024522	0.027216	0.030568	0.034605	0.032687	0.031706	0.031519	0.032043	0.031693
-1100.00	0.026910	0.029800	0.033227	0.037096	0.035349	0.034270	0.033864	0.034077	0.034080
-1200.00	0.029001	0.031983	0.035390	0.039138	0.037503	0.036418	0.035885	0.035870	0.036216

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	600.00	700.00	800.00	900.00	1000.00	1100.00	1200.00
1200.00	0.021471	0.022773	0.024181	0.025630	0.027071	0.028468	0.029800
1100.00	0.021428	0.022921	0.024513	0.026128	0.027712	0.029227	0.028781
1000.00	0.021376	0.023091	0.024893	0.026693	0.028431	0.028093	0.027570
900.00	0.021310	0.023284	0.025323	0.027326	0.027142	0.026759	0.026360
800.00	0.021192	0.023495	0.025798	0.025831	0.025652	0.025442	0.025190
700.00	0.020886	0.023692	0.024035	0.024144	0.024206	0.024197	0.024107
600.00	0.020554	0.021427	0.022092	0.022554	0.022887	0.023093	0.023172
500.00	0.018026	0.019153	0.020251	0.021182	0.021797	0.022217	0.022458
400.00	0.015636	0.017327	0.018850	0.020153	0.021115	0.022111	0.022976
300.00	0.013223	0.016155	0.018183	0.020029	0.021609	0.022836	0.023877
200.00	0.011847	0.016102	0.018584	0.020689	0.022544	0.023903	0.025053
100.00	0.011830	0.017013	0.019771	0.021970	0.023922	0.025326	0.026505
0.00	0.013665	0.019110	0.021749	0.023861	0.025770	0.027085	0.028214
-100.00	0.011891	0.017012	0.019795	0.021996	0.023991	0.025424	0.026631
-200.00	0.011280	0.015618	0.018164	0.020333	0.022320	0.023751	0.024989
-300.00	0.012358	0.015180	0.017282	0.019322	0.021095	0.022454	0.023653
-400.00	0.015356	0.016856	0.018115	0.019245	0.020330	0.021542	0.022635
-500.00	0.018509	0.019455	0.020377	0.021146	0.021493	0.021704	0.021956
-600.00	0.022222	0.022782	0.023332	0.023533	0.023569	0.023545	0.023460
-700.00	0.024516	0.026552	0.026449	0.026229	0.025989	0.025723	0.025429
-800.00	0.027038	0.028351	0.029590	0.029103	0.028612	0.028116	0.027616
-900.00	0.029405	0.030086	0.031046	0.032026	0.031319	0.030617	0.029926
-1000.00	0.031606	0.031890	0.032465	0.033251	0.034016	0.033140	0.032282
-1100.00	0.033694	0.033658	0.033912	0.034390	0.035027	0.035619	0.034622
-1200.00	0.035606	0.035321	0.035315	0.035534	0.035926	0.036443	0.036898

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2
INCLUDING SOURCE(S): 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-1200.00	-1100.00	-1000.00	X-COORD (METERS)		-700.00	-600.00	-500.00	-400.00
				-900.00	-800.00				
1200.00	0.013441	0.013457	0.013565	0.013538	0.013468	0.013216	0.012738	0.012000	0.012862
1100.00	0.013721	0.015177	0.015089	0.015293	0.015343	0.015188	0.014769	0.014024	0.013868
1000.00	0.013784	0.015411	0.017315	0.017331	0.017554	0.017553	0.017248	0.016551	0.015329
900.00	0.013728	0.015585	0.017743	0.020169	0.020166	0.020401	0.020295	0.019722	0.018538
800.00	0.013608	0.015591	0.017934	0.020707	0.023878	0.023837	0.024061	0.023744	0.022695
700.00	0.013292	0.015375	0.017883	0.020910	0.024569	0.028848	0.028741	0.028941	0.027891
600.00	0.012733	0.014877	0.017505	0.020747	0.024767	0.029772	0.035814	0.035231	0.035078
500.00	0.012605	0.014029	0.016706	0.020082	0.024384	0.029841	0.036710	0.045489	0.044895
400.00	0.012561	0.013937	0.016651	0.019240	0.023227	0.028771	0.036604	0.047232	0.061536
300.00	0.013417	0.015036	0.016970	0.019308	0.022905	0.028594	0.034672	0.046682	0.064441
200.00	0.014165	0.016004	0.018249	0.021056	0.024147	0.028576	0.034437	0.048973	0.063101
100.00	0.014770	0.016788	0.019290	0.022492	0.026069	0.031336	0.038879	0.049711	0.066112
0.00	0.015521	0.017739	0.020519	0.024061	0.028195	0.034380	0.043498	0.057167	0.079370
-100.00	0.013289	0.014980	0.017044	0.019649	0.022354	0.026405	0.032025	0.039693	0.050459
-200.00	0.011613	0.012902	0.014418	0.016236	0.017907	0.020390	0.023466	0.027864	0.027372
-300.00	0.009896	0.010780	0.011753	0.012806	0.014206	0.014483	0.015126	0.017547	0.020152
-400.00	0.008192	0.008694	0.009525	0.009194	0.010179	0.011023	0.012302	0.013494	0.013398
-500.00	0.006622	0.006653	0.007262	0.007929	0.008641	0.009252	0.009806	0.009636	0.008906
-600.00	0.005504	0.005927	0.006375	0.006838	0.007289	0.007692	0.007525	0.006884	0.006829
-700.00	0.004933	0.005247	0.005561	0.005858	0.006108	0.005964	0.005626	0.005615	0.005301
-800.00	0.004401	0.004622	0.004826	0.004993	0.004878	0.004647	0.004655	0.004507	0.004218
-900.00	0.003910	0.004056	0.004172	0.004079	0.003912	0.003931	0.003873	0.003711	0.003409
-1000.00	0.003473	0.003548	0.003472	0.003347	0.003371	0.003345	0.003251	0.003069	0.003058
-1100.00	0.003076	0.003005	0.002902	0.002927	0.002918	0.002863	0.002751	0.002564	0.003068
-1200.00	0.002635	0.002558	0.002574	0.002569	0.002538	0.002467	0.002345	0.002264	0.003050

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2
INCLUDING SOURCE(S): 11

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)								
	-300.00	-200.00	-100.00	0.00	100.00	200.00	300.00	400.00	500.00
1200.00	0.014338	0.015766	0.017088	0.017206	0.014498	0.011899	0.009362	0.006956	0.005598
1100.00	0.015604	0.017294	0.018855	0.018952	0.015674	0.012546	0.009523	0.006758	0.006342
1000.00	0.017060	0.019076	0.020934	0.020983	0.016956	0.013147	0.009513	0.006869	0.007252
900.00	0.018748	0.021162	0.023386	0.023329	0.018317	0.013621	0.009215	0.007980	0.008383
800.00	0.020814	0.023634	0.026404	0.026246	0.019833	0.013914	0.009027	0.009419	0.009799
700.00	0.025771	0.026710	0.030133	0.029722	0.021324	0.013742	0.010422	0.011301	0.011669
600.00	0.033285	0.030834	0.035351	0.034495	0.022878	0.013242	0.012940	0.013887	0.014045
500.00	0.044244	0.039068	0.042093	0.040164	0.023889	0.014549	0.016801	0.017430	0.017064
400.00	0.060392	0.057562	0.051937	0.047766	0.023303	0.020271	0.022552	0.022197	0.017093
300.00	0.090184	0.087058	0.068804	0.060765	0.024191	0.030582	0.030810	0.022154	0.016339
200.00	0.095004	0.152103	0.139990	0.090716	0.045709	0.047667	0.030252	0.021848	0.017695
100.00	0.104041	0.181831	0.354257	0.194414	0.092810	0.053506	0.036658	0.029763	0.024871
0.00	0.119493	0.206052	0.502516	0.000000	0.167482	0.089269	0.059122	0.043222	0.033612
-100.00	0.070050	0.081451	0.090278	0.173347	0.114116	0.059240	0.039898	0.030972	0.025716
-200.00	0.033786	0.036040	0.033974	0.070963	0.070246	0.055671	0.034386	0.024796	0.020043
-300.00	0.020361	0.018195	0.020827	0.041557	0.045987	0.040923	0.034888	0.024620	0.018679
-400.00	0.012220	0.011670	0.017074	0.028700	0.029646	0.031129	0.027749	0.024630	0.018703
-500.00	0.008758	0.008681	0.014351	0.021723	0.022631	0.024264	0.022563	0.020458	0.018668
-600.00	0.006399	0.007854	0.012143	0.017133	0.017923	0.018296	0.018537	0.017405	0.015984
-700.00	0.004997	0.007381	0.010531	0.014139	0.014737	0.014874	0.015530	0.014800	0.014018
-800.00	0.004547	0.006842	0.009237	0.011950	0.012416	0.012621	0.012998	0.012824	0.012227
-900.00	0.004518	0.006304	0.008170	0.010279	0.010675	0.010824	0.010764	0.011104	0.010723
-1000.00	0.004401	0.005869	0.007362	0.009032	0.009327	0.009447	0.009410	0.009695	0.009456
-1100.00	0.004219	0.005422	0.006636	0.007984	0.008220	0.008324	0.008309	0.008222	0.008387
-1200.00	0.004015	0.005014	0.006016	0.007122	0.007313	0.007404	0.007403	0.007321	0.007480

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2
 INCLUDING SOURCE(S): 11

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	600.00	700.00	800.00	900.00	1000.00	1100.00	1200.00
1200.00	0.005797	0.005894	0.005907	0.005882	0.005784	0.005708	0.005539
1100.00	0.006542	0.006616	0.006594	0.006498	0.006384	0.006178	0.005605
1000.00	0.007441	0.007477	0.007401	0.007242	0.007002	0.006261	0.005584
900.00	0.008540	0.008513	0.008356	0.008075	0.007099	0.006259	0.005560
800.00	0.009904	0.009773	0.009443	0.008185	0.007120	0.006219	0.005455
700.00	0.011618	0.011236	0.009567	0.008184	0.007039	0.006088	0.005296
600.00	0.013667	0.011372	0.009523	0.008033	0.006828	0.005846	0.005042
500.00	0.013748	0.011239	0.009245	0.007686	0.006454	0.005577	0.005110
400.00	0.013438	0.010671	0.008659	0.007508	0.006804	0.006444	0.006166
300.00	0.012523	0.010816	0.009664	0.009135	0.008563	0.007998	0.007461
200.00	0.015429	0.014061	0.012739	0.011575	0.010519	0.009591	0.008777
100.00	0.021096	0.018205	0.015864	0.014030	0.012469	0.011170	0.010074
0.00	0.027151	0.022625	0.019189	0.016620	0.014524	0.012832	0.011441
-100.00	0.021705	0.018658	0.016218	0.014316	0.012699	0.011357	0.010230
-200.00	0.016696	0.015023	0.013497	0.012171	0.011000	0.009986	0.009105
-300.00	0.014530	0.012512	0.010880	0.010010	0.009272	0.008582	0.007948
-400.00	0.015046	0.012210	0.010138	0.008740	0.007840	0.007196	0.006796
-500.00	0.014886	0.012442	0.010422	0.008817	0.007530	0.006503	0.005965
-600.00	0.014857	0.012263	0.010437	0.008944	0.007718	0.006706	0.005867
-700.00	0.013013	0.012137	0.010259	0.008902	0.007763	0.006805	0.005997
-800.00	0.011530	0.010789	0.010144	0.008738	0.007698	0.006807	0.006044
-900.00	0.010239	0.009696	0.009129	0.008636	0.007552	0.006735	0.006049
-1000.00	0.009123	0.008727	0.008295	0.007849	0.007463	0.006640	0.005988
-1100.00	0.008159	0.007872	0.007545	0.007196	0.006873	0.006564	0.005925
-1200.00	0.007328	0.007121	0.006875	0.006629	0.006352	0.006111	0.005864

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3
INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-1200.00	-1100.00	-1000.00	-900.00	-800.00	-700.00	-600.00	-500.00	-400.00
1200.00	0.161643	0.153065	0.143598	0.133069	0.121703	0.109598	0.097076	0.084785	0.083050
1100.00	0.158878	0.163674	0.153587	0.142661	0.130569	0.117507	0.103823	0.090043	0.082847
1000.00	0.154415	0.160089	0.165001	0.153262	0.140458	0.126400	0.111449	0.096199	0.082963
900.00	0.149510	0.154791	0.160547	0.165379	0.151443	0.136387	0.120092	0.103177	0.086548
800.00	0.144352	0.148998	0.154030	0.159589	0.164180	0.147557	0.129745	0.110279	0.091454
700.00	0.139017	0.142885	0.146997	0.151496	0.156614	0.160684	0.139595	0.118423	0.097166
600.00	0.133750	0.136726	0.139748	0.142941	0.146319	0.149410	0.151949	0.127653	0.104554
500.00	0.129597	0.130908	0.132730	0.134398	0.134963	0.135849	0.138009	0.140526	0.107366
400.00	0.140091	0.134245	0.128861	0.126827	0.124599	0.122796	0.122495	0.117094	0.114170
300.00	0.155265	0.149082	0.141535	0.131282	0.120819	0.113882	0.104610	0.094887	0.094179
200.00	0.172314	0.166293	0.158529	0.146259	0.132392	0.118174	0.096407	0.085426	0.079728
100.00	0.190929	0.185564	0.178080	0.165062	0.149832	0.132916	0.103492	0.082603	0.078232
0.00	0.210965	0.206747	0.200495	0.187550	0.172124	0.154853	0.120963	0.096780	0.094425
-100.00	0.188114	0.181967	0.173462	0.158945	0.141996	0.122967	0.091331	0.068642	0.061880
-200.00	0.163230	0.155409	0.145512	0.130154	0.112857	0.094748	0.068744	0.050534	0.037491
-300.00	0.140162	0.131200	0.120433	0.105811	0.089754	0.073067	0.056286	0.040286	0.030649
-400.00	0.119436	0.109952	0.099419	0.087775	0.076650	0.065146	0.054029	0.039249	0.028056
-500.00	0.101551	0.094896	0.088389	0.080874	0.070969	0.060505	0.050750	0.041337	0.027610
-600.00	0.093500	0.088041	0.081769	0.074764	0.066702	0.057657	0.049007	0.038511	0.028958
-700.00	0.087224	0.081970	0.076078	0.069672	0.062976	0.055754	0.045934	0.036493	0.027647
-800.00	0.081609	0.076663	0.071252	0.065535	0.059545	0.051772	0.043468	0.034630	0.026585
-900.00	0.076624	0.072052	0.067180	0.062023	0.055246	0.048064	0.040565	0.032985	0.025741
-1000.00	0.072217	0.068052	0.063613	0.057722	0.051385	0.044650	0.037719	0.030880	0.025571
-1100.00	0.068313	0.064477	0.059354	0.053791	0.047803	0.041518	0.035131	0.028902	0.027667
-1200.00	0.064756	0.060308	0.055427	0.050127	0.044492	0.038645	0.032763	0.027180	0.029540

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)								
	-300.00	-200.00	-100.00	0.00	100.00	200.00	300.00	400.00	500.00
1200.00	0.082468	0.082403	0.082935	0.083064	0.070208	0.057724	0.045862	0.034930	0.026115
1100.00	0.081658	0.081091	0.081266	0.081000	0.067385	0.054266	0.041950	0.030852	0.026472
1000.00	0.080709	0.079525	0.079193	0.078517	0.064059	0.050313	0.037594	0.027015	0.027116
900.00	0.079070	0.076808	0.075909	0.074605	0.059464	0.045290	0.032523	0.026100	0.027919
800.00	0.077127	0.073935	0.072554	0.070595	0.054575	0.039913	0.027640	0.026626	0.028775
700.00	0.078091	0.071174	0.069166	0.066669	0.049327	0.034093	0.025123	0.027448	0.029954
600.00	0.080568	0.064642	0.061390	0.058100	0.040116	0.026100	0.025258	0.028772	0.031581
500.00	0.080796	0.061238	0.056781	0.052730	0.032554	0.021351	0.025369	0.029536	0.033798
400.00	0.086229	0.069518	0.058955	0.053949	0.027066	0.023646	0.028152	0.031727	0.029621
300.00	0.106865	0.092675	0.072072	0.064875	0.026077	0.032767	0.034908	0.028078	0.025488
200.00	0.101095	0.155799	0.142489	0.094408	0.047284	0.050297	0.032552	0.025596	0.025017
100.00	0.107218	0.183876	0.356334	0.196625	0.095884	0.055068	0.038218	0.033036	0.031700
0.00	0.125989	0.213594	0.514633	0.000000	0.172004	0.093652	0.062902	0.047910	0.041910
-100.00	0.076401	0.088905	0.093659	0.173494	0.116056	0.062509	0.043027	0.034968	0.032813
-200.00	0.038163	0.037609	0.034468	0.071976	0.071665	0.057293	0.036797	0.028852	0.027194
-300.00	0.024382	0.019338	0.021291	0.042808	0.047451	0.042668	0.038010	0.029846	0.027180
-400.00	0.018469	0.013884	0.018643	0.031102	0.032095	0.034510	0.032850	0.033352	0.030644
-500.00	0.018116	0.013380	0.019038	0.028040	0.028425	0.031681	0.031750	0.033093	0.036111
-600.00	0.019419	0.017428	0.022672	0.030572	0.029992	0.031567	0.034009	0.035401	0.035962
-700.00	0.020398	0.023151	0.028683	0.036357	0.034888	0.035152	0.036795	0.036438	0.036781
-800.00	0.022571	0.026751	0.032219	0.039039	0.037513	0.037032	0.038019	0.038178	0.038113
-900.00	0.025961	0.030013	0.035126	0.041328	0.039747	0.039026	0.039208	0.040197	0.039794
-1000.00	0.028923	0.033085	0.037930	0.043636	0.042014	0.041153	0.040929	0.041738	0.041150
-1100.00	0.031129	0.035222	0.039863	0.045081	0.043568	0.042595	0.042174	0.042300	0.042467
-1200.00	0.033017	0.036997	0.041406	0.046261	0.044817	0.043822	0.043288	0.043191	0.043695

*** MODELING OPTIONS USED: CONC RURAL FLAT DEFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3
INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)						
	600.00	700.00	800.00	900.00	1000.00	1100.00	1200.00
1200.00	0.027268	0.028667	0.030088	0.031512	0.032854	0.034177	0.035339
1100.00	0.027970	0.029538	0.031107	0.032626	0.034096	0.035405	0.034386
1000.00	0.028816	0.030569	0.032294	0.033936	0.035433	0.034354	0.033154
900.00	0.029850	0.031798	0.033680	0.035400	0.034241	0.033018	0.031920
800.00	0.031095	0.033268	0.035241	0.034016	0.032771	0.031661	0.030645
700.00	0.032504	0.034928	0.033602	0.032328	0.031245	0.030285	0.029402
600.00	0.034221	0.032799	0.031615	0.030588	0.029715	0.028940	0.028214
500.00	0.031775	0.030392	0.029495	0.028867	0.028251	0.027794	0.027569
400.00	0.029073	0.027998	0.027510	0.027660	0.027919	0.028555	0.029142
300.00	0.025746	0.026971	0.027847	0.029164	0.030172	0.030834	0.031338
200.00	0.027275	0.030163	0.031323	0.032264	0.033063	0.033495	0.033830
100.00	0.032926	0.035218	0.035635	0.036001	0.036391	0.036496	0.036580
0.00	0.040817	0.041735	0.040938	0.040481	0.040294	0.039917	0.039655
-100.00	0.033596	0.035671	0.036013	0.036312	0.036690	0.036781	0.036861
-200.00	0.027977	0.030641	0.031661	0.032504	0.033319	0.033736	0.034094
-300.00	0.026888	0.027692	0.028162	0.029332	0.030366	0.031036	0.031601
-400.00	0.030402	0.029066	0.028253	0.027984	0.028170	0.028738	0.029431
-500.00	0.033396	0.031896	0.030799	0.029963	0.029023	0.028207	0.027921
-600.00	0.037079	0.035045	0.033770	0.032477	0.031287	0.030251	0.029327
-700.00	0.037529	0.038689	0.036708	0.035131	0.033752	0.032528	0.031425
-800.00	0.038568	0.039141	0.039734	0.037841	0.036310	0.034923	0.033659
-900.00	0.039644	0.039783	0.040175	0.040662	0.038871	0.037352	0.035975
-1000.00	0.040728	0.040616	0.040761	0.041100	0.041479	0.039780	0.038270
-1100.00	0.041853	0.041530	0.041458	0.041586	0.041901	0.042182	0.040547
-1200.00	0.042934	0.042443	0.042190	0.042163	0.042278	0.042555	0.042762

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.195444	AT (	-1200.00, 0.00) GC	6.	0.168775	AT (	-1100.00, 100.00) GC
2.	0.189008	AT (	-1100.00, 0.00) GC	7.	0.166986	AT (	-1100.00, -100.00) GC
3.	0.179976	AT (	-1000.00, 0.00) GC	8.	0.163489	AT (	-900.00, 0.00) GC
4.	0.176159	AT (	-1200.00, 100.00) GC	9.	0.158790	AT (	-1000.00, 100.00) GC
5.	0.174824	AT (	-1200.00, -100.00) GC	10.	0.158150	AT (	-1200.00, 200.00) GC

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: 2 ***
 INCLUDING SOURCE(S): 11 ,

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.502516	AT (	-100.00, 0.00) GC	6.	0.173347	AT (	0.00, -100.00) GC
2.	0.354257	AT (	-100.00, 100.00) GC	7.	0.167482	AT (	100.00, 0.00) GC
3.	0.206052	AT (	-200.00, 0.00) GC	8.	0.152103	AT (	-200.00, 200.00) GC
4.	0.194414	AT (	0.00, 100.00) GC	9.	0.139990	AT (	-100.00, 200.00) GC
5.	0.181831	AT (	-200.00, 100.00) GC	10.	0.119493	AT (	-300.00, 0.00) GC

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.514633	AT (	-100.00, 0.00) GC	6.	0.200495	AT (	-1000.00, 0.00) GC
2.	0.356334	AT (	-100.00, 100.00) GC	7.	0.196625	AT (	0.00, 100.00) GC
3.	0.213594	AT (	-200.00, 0.00) GC	8.	0.190929	AT (	-1200.00, 100.00) GC
4.	0.210965	AT (	-1200.00, 0.00) GC	9.	0.188114	AT (	-1200.00, -100.00) GC
5.	0.206747	AT (	-1100.00, 0.00) GC	10.	0.187550	AT (	-900.00, 0.00) GC

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

*** ISCLT2 - VERSION 92062 ***

*** ENRON III STATION 21 MAX ANNUAL NOX 100 M GRID 2-11-93 1982
*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

02/26/93

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** Message Summary For ISC2 Model Execution ***

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

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

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

***** WARNING MESSAGES *****
SO W320 26 PPARAM : Source Parameter May Be Out-of-Range for Parameter VS
SO W320 27 PPARAM : Source Parameter May Be Out-of-Range for Parameter VS

*** ISCLT2 Finishes Successfully ***

NO ECHO

*** Message Summary For ISC2 Model Setup ***

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

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

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

***** WARNING MESSAGES *****
SO W320 26 PPARM : Source Parameter May Be Out-of-Range for Parameter VS
SO W320 27 PPARM : Source Parameter May Be Out-of-Range for Parameter VS

*** SETUP Finishes Successfully ***

*** ISCLT2 - VERSION 92062 ***

*** ENRON 111 STATION 21 MAX ANNUAL NOX 500 M GRID 2-11-93 1982

*** 02/26/93

*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

*** 13:31:16

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

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

**Model Uses RURAL Dispersion.

**Model Uses Regulatory DEFAULT Options:

1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Default Wind Profile Exponents.
5. Default Vertical Potential Temperature Gradients.
6. "Upper Bound" Values For Supersquat Buildings.
7. No Exponential Decay for RURAL Mode

**Model Assumes Receptors on FLAT Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates 1 STAR Average(s) for the Following Months: 0 0 0 0 0 0 0 0 0 0 0 0
Seasons/Quarters: 0 0 0 0
and Annual: 1

**Model Assumes 1 STAR Summaries In Data File for the Averaging Periods Identified Above

**This Run Includes: 3 Source(s); 3 Source Group(s); and 625 Receptor(s)

**The Model Assumes A Pollutant Type of: NOX

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

**Output Options Selected:

Model Outputs Tables of Long Term Values by Receptor (RECTABLE Keyword)
Model Outputs Tables of Maximum Long Term Values (MAXTABLE Keyword)
Model Outputs External File(s) of Long Term Values for Plotting (PLOTFILE Keyword)

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SECOND ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/CUBIC-METER

**Input Runstream File: st21n825.ann ; **Output Print File: st21n825.out

**Error Message File: st21n825.err

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART.	EMISSION RATE (USER UNITS) CATS.	X		Y		BASE	STACK	STACK	STACK	STACK	BUILDING	EMISSION RATE
			(METERS)	(METERS)	(METERS)	(METERS)	ELEV.	HEIGHT	TEMP.	EXIT VEL.	DIAMETER	EXISTS	SCALAR VARY BY
1	0	0.11200E+01	0.0	0.0	0.0	0.0	15.24	763.72	55.43	1.01	YES		
2	0	0.11200E+01	0.0	-17.0	0.0	0.0	15.24	763.72	55.43	1.01	YES		
11	0	0.10000E-01	-20.0	5.0	0.0	0.0	6.10	894.27	44.10	0.09	YES		

*** ISCLT2 - VERSION 92062 ***

*** ENRON III STATION 21 MAX ANNUAL NOX 500 M GRID 2-11-93 1982
*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID

SOURCE IDs

1	1	,	2	,		
2	11	,				
3	1	,	2	,	11	,

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: 1

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	9.1,	19.1,	0	2	9.1,	30.3,	0	3	9.1,	37.1,	0	4	9.1,	38.5,	0
5	9.1,	38.3,	0	6	9.1,	38.5,	0	7	9.1,	37.2,	0	8	9.1,	30.5,	0
9	9.1,	19.1,	0	10	9.1,	30.3,	0	11	9.1,	37.1,	0	12	9.1,	38.5,	0
13	9.1,	38.3,	0	14	9.1,	38.5,	0	15	9.1,	37.2,	0	16	9.1,	30.5,	0

SOURCE ID: 2

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	9.1,	19.1,	0	2	9.1,	30.3,	0	3	9.1,	37.1,	0	4	9.1,	38.5,	0
5	9.1,	38.3,	0	6	9.1,	38.5,	0	7	9.1,	37.2,	0	8	9.1,	30.5,	0
9	9.1,	19.1,	0	10	9.1,	30.3,	0	11	9.1,	37.1,	0	12	9.1,	38.5,	0
13	9.1,	38.3,	0	14	9.1,	38.5,	0	15	9.1,	37.2,	0	16	9.1,	30.5,	0

SOURCE ID: 11

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	5.7,	9.3,	0	2	5.7,	14.3,	0	3	9.1,	37.1,	0	4	9.1,	38.5,	0
5	9.1,	38.3,	0	6	9.1,	38.5,	0	7	9.1,	37.2,	0	8	9.1,	30.5,	0
9	5.7,	9.3,	0	10	5.7,	14.3,	0	11	9.1,	37.1,	0	12	9.1,	38.5,	0
13	9.1,	38.3,	0	14	9.1,	38.5,	0	15	9.1,	37.2,	0	16	9.1,	30.5,	0

*** ISCLT2 - VERSION 92062 ***

*** ENRON III STATION 21 MAX ANNUAL NOX 500 M GRID 2-11-93 1982

02/26/93

*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

13:31:16

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

PAGE 5

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

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

-6000.0,	-5500.0,	-5000.0,	-4500.0,	-4000.0,	-3500.0,	-3000.0,	-2500.0,	-2000.0,	-1500.0,
-1000.0,	-500.0,	0.0,	500.0,	1000.0,	1500.0,	2000.0,	2500.0,	3000.0,	3500.0,
4000.0,	4500.0,	5000.0,	5500.0,	6000.0,					

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

-6000.0,	-5500.0,	-5000.0,	-4500.0,	-4000.0,	-3500.0,	-3000.0,	-2500.0,	-2000.0,	-1500.0,
-1000.0,	-500.0,	0.0,	500.0,	1000.0,	1500.0,	2000.0,	2500.0,	3000.0,	3500.0,
4000.0,	4500.0,	5000.0,	5500.0,	6000.0,					

*** ISCLT2 - VERSION 92062 ***

*** ENRON III STATION 21 MAX ANNUAL NOX 500 M GRID 2-11-93 1982

02/26/93

*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

13:31:16

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

PAGE 6

* SOURCE-RECEPTOR COMBINATIONS LESS THAN 1.0 METER OR 3*ZLB *
IN DISTANCE. CALCULATIONS MAY NOT BE PERFORMED.

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
1	0.0 0.0	0.00

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** AVERAGE SPEED FOR EACH WIND SPEED CATEGORY ***
 (METERS/SEC)

1.50, 2.50, 4.30, 6.80, 9.50, 12.50,

*** WIND PROFILE EXPONENTS ***

STABILITY CATEGORY	WIND SPEED CATEGORY					
	1	2	3	4	5	6
A	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01
B	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01
C	.10000E+00	.10000E+00	.10000E+00	.10000E+00	.10000E+00	.10000E+00
D	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
E	.35000E+00	.35000E+00	.35000E+00	.35000E+00	.35000E+00	.35000E+00
F	.55000E+00	.55000E+00	.55000E+00	.55000E+00	.55000E+00	.55000E+00

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
 (DEGREES KELVIN PER METER)

STABILITY CATEGORY	WIND SPEED CATEGORY					
	1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

*** AVERAGE AMBIENT AIR TEMPERATURE (KELVIN) ***

	STABILITY CATEGORY A	STABILITY CATEGORY B	STABILITY CATEGORY C	STABILITY CATEGORY D	STABILITY CATEGORY E	STABILITY CATEGORY F
ANNUAL	301.4000	301.4000	301.4000	296.8000	292.2000	292.2000

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** FREQUENCY OF OCCURRENCE OF WIND SPEED, DIRECTION AND STABILITY ***

FILE: jfwpb82.Y

FORMAT: (6F10.6)

SURFACE STATION NO.: 12844

UPPER AIR STATION NO.: 12844

NAME: WESTPALMBEACH-FL

NAME: WESTPALMBEACH-FL

YEAR: 1982

YEAR: 1982

ANNUAL: STABILITY CATEGORY A

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00026500	0.00022900	0.00000000	0.00000000	0.00000000	0.00000000
22.500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
45.000	0.00005100	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
67.500	0.00005100	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
90.000	0.00010100	0.00022900	0.00000000	0.00000000	0.00000000	0.00000000
112.500	0.00005100	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
135.000	0.00026500	0.00022900	0.00000000	0.00000000	0.00000000	0.00000000
157.500	0.00021500	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
180.000	0.00005100	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
202.500	0.00026500	0.00022900	0.00000000	0.00000000	0.00000000	0.00000000
225.000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
247.500	0.00005100	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
270.000	0.00015100	0.00034300	0.00000000	0.00000000	0.00000000	0.00000000
292.500	0.00005100	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
315.000	0.00010100	0.00022900	0.00000000	0.00000000	0.00000000	0.00000000
337.500	0.00005100	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000

ANNUAL: STABILITY CATEGORY B

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00164600	0.00159900	0.00045700	0.00000000	0.00000000	0.00000000
22.500	0.00006300	0.00045700	0.00034300	0.00000000	0.00000000	0.00000000
45.000	0.00068000	0.00022900	0.00068500	0.00000000	0.00000000	0.00000000
67.500	0.00045200	0.00045700	0.00057100	0.00000000	0.00000000	0.00000000
90.000	0.00065500	0.00194100	0.00456700	0.00000000	0.00000000	0.00000000
112.500	0.00040000	0.00102800	0.00376800	0.00000000	0.00000000	0.00000000
135.000	0.00063900	0.00182700	0.00456700	0.00000000	0.00000000	0.00000000
157.500	0.00048300	0.00068500	0.00194100	0.00000000	0.00000000	0.00000000
180.000	0.00240400	0.00239800	0.00080000	0.00000000	0.00000000	0.00000000
202.500	0.00087200	0.00068500	0.00057100	0.00000000	0.00000000	0.00000000
225.000	0.00088300	0.00171300	0.00114200	0.00000000	0.00000000	0.00000000
247.500	0.00109600	0.00137000	0.00068500	0.00000000	0.00000000	0.00000000
270.000	0.00130800	0.00102800	0.00080000	0.00000000	0.00000000	0.00000000
292.500	0.00077400	0.00091400	0.00091400	0.00000000	0.00000000	0.00000000
315.000	0.00074300	0.00068500	0.00022900	0.00000000	0.00000000	0.00000000
337.500	0.00083600	0.00137000	0.00068500	0.00000000	0.00000000	0.00000000

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-6000.00	-5500.00	-5000.00	X-COORD (METERS)		-3500.00	-3000.00	-2500.00	-2000.00
				-4500.00	-4000.00				
6000.00	0.068807	0.067435	0.065543	0.063064	0.059938	0.056073	0.051514	0.046326	0.049397
5500.00	0.068324	0.073393	0.071671	0.069272	0.066040	0.061979	0.057076	0.051356	0.050586
5000.00	0.067391	0.072798	0.078610	0.076305	0.073111	0.068943	0.063722	0.057438	0.051870
4500.00	0.066066	0.071645	0.077760	0.084350	0.081355	0.077201	0.071738	0.064887	0.056700
4000.00	0.064314	0.069930	0.076215	0.083270	0.090974	0.087033	0.081484	0.074130	0.064927
3500.00	0.062066	0.067691	0.074078	0.081345	0.089611	0.098754	0.093408	0.085743	0.075495
3000.00	0.059386	0.064945	0.071321	0.078666	0.087155	0.096979	0.108026	0.100386	0.089112
2500.00	0.056342	0.061733	0.067966	0.075221	0.083723	0.093743	0.105513	0.118859	0.107250
2000.00	0.063722	0.065133	0.065993	0.071093	0.079355	0.089206	0.100847	0.114956	0.131228
1500.00	0.072124	0.074997	0.077612	0.079704	0.080865	0.083545	0.094616	0.108008	0.124117
1000.00	0.080861	0.085398	0.090086	0.094764	0.099136	0.102451	0.103938	0.101781	0.113435
500.00	0.089693	0.096011	0.102974	0.110592	0.118785	0.127063	0.134999	0.140402	0.140800
0.00	0.098344	0.106450	0.115724	0.126380	0.138651	0.152447	0.168051	0.183964	0.198510
-500.00	0.088260	0.094516	0.101409	0.108936	0.116996	0.125053	0.132517	0.136869	0.134537
-1000.00	0.077583	0.081923	0.086382	0.090774	0.094748	0.097485	0.097943	0.093793	0.089759
-1500.00	0.066972	0.069516	0.071755	0.073392	0.073957	0.073637	0.075304	0.074728	0.070320
-2000.00	0.056727	0.057696	0.058060	0.059418	0.061415	0.062654	0.062517	0.060418	0.055666
-2500.00	0.047157	0.049013	0.050716	0.052107	0.052966	0.052992	0.051776	0.048953	0.043425
-3000.00	0.042657	0.043896	0.044886	0.045485	0.045507	0.044723	0.042900	0.039520	0.034092
-3500.00	0.038453	0.039171	0.039594	0.039598	0.039036	0.037754	0.035572	0.032088	0.027082
-4000.00	0.034566	0.034869	0.034856	0.034430	0.033485	0.032004	0.029653	0.026267	0.021751
-4500.00	0.031008	0.030991	0.030656	0.029933	0.028892	0.027249	0.024884	0.021705	0.017680
-5000.00	0.027782	0.027517	0.026957	0.026204	0.025021	0.023322	0.021034	0.018105	0.015603
-5500.00	0.024875	0.024425	0.023875	0.023010	0.021760	0.020076	0.017910	0.015240	0.015868
-6000.00	0.022267	0.021853	0.021202	0.020269	0.019011	0.017382	0.015361	0.012939	0.015983

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-1500.00	-1000.00	-500.00	X-COORD (METERS)		1000.00	1500.00	2000.00	2500.00
				0.00	500.00				
6000.00	0.052887	0.056536	0.060256	0.063944	0.054003	0.044123	0.034615	0.025733	0.017844
5500.00	0.054288	0.058212	0.062254	0.066283	0.055013	0.043858	0.033229	0.023446	0.018730
5000.00	0.055769	0.059976	0.064369	0.068784	0.055890	0.043200	0.031265	0.020490	0.019754
4500.00	0.057359	0.061840	0.066607	0.071456	0.056545	0.041987	0.028535	0.019935	0.020958
4000.00	0.059116	0.063820	0.068948	0.074293	0.056830	0.039983	0.024791	0.021217	0.022396
3500.00	0.062761	0.065721	0.071098	0.076925	0.056272	0.036703	0.021294	0.022781	0.024142
3000.00	0.074220	0.067771	0.073179	0.079439	0.054618	0.031768	0.022860	0.024673	0.026266
2500.00	0.089937	0.069848	0.074307	0.080499	0.050510	0.024292	0.024780	0.027084	0.028853
2000.00	0.111871	0.083995	0.074879	0.079929	0.043279	0.023765	0.027154	0.030085	0.026476
1500.00	0.143549	0.108787	0.073655	0.073826	0.030516	0.025554	0.030569	0.026772	0.023438
1000.00	0.129617	0.147686	0.079649	0.057534	0.019864	0.028431	0.025965	0.023104	0.020787
500.00	0.129832	0.116024	0.095037	0.012565	0.016734	0.021797	0.023882	0.025824	0.026840
0.00	0.203790	0.179976	0.039612	0.000000	0.008298	0.025770	0.030755	0.033269	0.033879
-500.00	0.116998	0.081128	0.031701	0.006317	0.017443	0.021493	0.024323	0.027187	0.028524
-1000.00	0.079602	0.060141	0.027811	0.034605	0.031693	0.034016	0.029880	0.026367	0.024198
-1500.00	0.061312	0.043340	0.028501	0.043310	0.039758	0.038473	0.039154	0.033407	0.028965
-2000.00	0.045912	0.031347	0.032638	0.045889	0.042600	0.041049	0.039740	0.039421	0.034028
-2500.00	0.034649	0.024335	0.034078	0.045169	0.042620	0.041431	0.039692	0.038690	0.037875
-3000.00	0.026476	0.025438	0.034100	0.043339	0.041469	0.040215	0.038872	0.037588	0.036677
-3500.00	0.020540	0.025759	0.033214	0.040904	0.039553	0.038496	0.037608	0.036351	0.035360
-4000.00	0.019667	0.025621	0.032036	0.038524	0.037539	0.036690	0.035939	0.034944	0.034007
-4500.00	0.019902	0.025153	0.030683	0.036207	0.035493	0.034828	0.034209	0.033519	0.032672
-5000.00	0.019902	0.024537	0.029342	0.034106	0.033581	0.033070	0.032571	0.032081	0.031372
-5500.00	0.019742	0.023850	0.028059	0.032214	0.031827	0.031436	0.031038	0.030633	0.030120
-6000.00	0.019477	0.023135	0.026852	0.030511	0.030226	0.029927	0.029612	0.029280	0.028926

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)						
	3000.00	3500.00	4000.00	4500.00	5000.00	5500.00	6000.00
6000.00	0.018521	0.019167	0.019746	0.020220	0.020613	0.020926	0.021161
5500.00	0.019489	0.020197	0.020831	0.021367	0.021765	0.022062	0.020591
5000.00	0.020605	0.021377	0.022049	0.022609	0.023044	0.021389	0.019867
4500.00	0.021908	0.022741	0.023439	0.023997	0.022190	0.020529	0.019010
4000.00	0.023447	0.024329	0.025031	0.022970	0.021107	0.019468	0.018018
3500.00	0.025284	0.026186	0.023806	0.021682	0.019842	0.018250	0.016869
3000.00	0.027490	0.024706	0.022258	0.020176	0.018406	0.016899	0.015609
2500.00	0.025646	0.022822	0.020448	0.018476	0.016832	0.015450	0.014280
2000.00	0.023258	0.020626	0.018435	0.016646	0.015783	0.016350	0.016815
1500.00	0.020588	0.018249	0.018161	0.018739	0.019201	0.019551	0.019803
1000.00	0.021602	0.022179	0.022611	0.022850	0.022984	0.023030	0.023003
500.00	0.027522	0.027602	0.027535	0.027298	0.027008	0.026682	0.026331
0.00	0.033974	0.033335	0.032643	0.031855	0.031099	0.030377	0.029683
-500.00	0.029250	0.029233	0.029029	0.028645	0.028216	0.027766	0.027305
-1000.00	0.025003	0.025351	0.025496	0.025438	0.025298	0.025100	0.024860
-1500.00	0.025431	0.022648	0.022369	0.022515	0.022581	0.022578	0.022518
-2000.00	0.029648	0.026217	0.023446	0.021230	0.020144	0.020266	0.020336
-2500.00	0.033182	0.029332	0.026197	0.023652	0.021568	0.019842	0.018404
-3000.00	0.035826	0.031843	0.028534	0.025788	0.023502	0.021585	0.019965
-3500.00	0.034530	0.033743	0.030409	0.027578	0.025177	0.023135	0.021389
-4000.00	0.033221	0.032524	0.031836	0.029012	0.026572	0.024465	0.022631
-4500.00	0.031950	0.031308	0.030713	0.030111	0.027690	0.025560	0.023651
-5000.00	0.030722	0.030139	0.029598	0.029082	0.028540	0.026390	0.024482
-5500.00	0.029541	0.029018	0.028530	0.028057	0.027548	0.027011	0.025136
-6000.00	0.028413	0.027946	0.027499	0.027033	0.026571	0.026111	0.025629

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2
INCLUDING SOURCE(S): 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-6000.00	-5500.00	-5000.00	-4500.00	-4000.00	-3500.00	-3000.00	-2500.00	-2000.00
6000.00	0.001304	0.001323	0.001339	0.001343	0.001332	0.001301	0.001246	0.001166	0.001338
5500.00	0.001321	0.001478	0.001502	0.001519	0.001516	0.001498	0.001452	0.001371	0.001439
5000.00	0.001326	0.001499	0.001697	0.001720	0.001742	0.001740	0.001706	0.001628	0.001547
4500.00	0.001319	0.001504	0.001717	0.001972	0.002012	0.002035	0.002022	0.001957	0.001824
4000.00	0.001295	0.001487	0.001724	0.002008	0.002345	0.002395	0.002418	0.002380	0.002256
3500.00	0.001248	0.001452	0.001703	0.002012	0.002391	0.002852	0.002918	0.002933	0.002842
3000.00	0.001175	0.001385	0.001646	0.001974	0.002387	0.002912	0.003573	0.003660	0.003645
2500.00	0.001083	0.001281	0.001542	0.001879	0.002316	0.002892	0.003654	0.004656	0.004778
2000.00	0.001134	0.001264	0.001416	0.001709	0.002150	0.002752	0.003585	0.004772	0.006440
1500.00	0.001198	0.001347	0.001527	0.001747	0.002017	0.002439	0.003294	0.004581	0.006548
1000.00	0.001251	0.001417	0.001621	0.001878	0.002206	0.002630	0.003204	0.004000	0.005992
500.00	0.001289	0.001468	0.001692	0.001978	0.002352	0.002853	0.003565	0.004585	0.006247
0.00	0.001318	0.001506	0.001742	0.002047	0.002452	0.003005	0.003808	0.005015	0.007097
-500.00	0.001155	0.001303	0.001484	0.001711	0.001999	0.002371	0.002874	0.003545	0.004518
-1000.00	0.000996	0.001105	0.001232	0.001382	0.001557	0.001755	0.001974	0.002179	0.002522
-1500.00	0.000835	0.000905	0.000979	0.001055	0.001125	0.001170	0.001354	0.001562	0.001780
-2000.00	0.000677	0.000710	0.000737	0.000782	0.000872	0.000972	0.001077	0.001176	0.001205
-2500.00	0.000525	0.000567	0.000619	0.000675	0.000735	0.000795	0.000846	0.000858	0.000860
-3000.00	0.000467	0.000503	0.000540	0.000578	0.000615	0.000644	0.000650	0.000653	0.000642
-3500.00	0.000418	0.000443	0.000469	0.000492	0.000510	0.000513	0.000517	0.000515	0.000490
-4000.00	0.000372	0.000389	0.000405	0.000417	0.000418	0.000422	0.000422	0.000411	0.000382
-4500.00	0.000330	0.000341	0.000349	0.000349	0.000352	0.000354	0.000348	0.000332	0.000303
-5000.00	0.000292	0.000298	0.000298	0.000300	0.000302	0.000299	0.000290	0.000273	0.000272
-5500.00	0.000258	0.000258	0.000259	0.000261	0.000260	0.000255	0.000244	0.000226	0.000284
-6000.00	0.000226	0.000227	0.000229	0.000229	0.000226	0.000218	0.000207	0.000191	0.000287

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2
 INCLUDING SOURCE(S): 11

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-1500.00	-1000.00	-500.00	X-COORD (METERS)		1000.00	1500.00	2000.00	2500.00
				0.00	500.00				
6000.00	0.001530	0.001720	0.001900	0.002040	0.001748	0.001451	0.001156	0.000873	0.000634
5500.00	0.001675	0.001910	0.002134	0.002306	0.001944	0.001578	0.001216	0.000874	0.000725
5000.00	0.001840	0.002136	0.002418	0.002635	0.002179	0.001718	0.001268	0.000848	0.000837
4500.00	0.002027	0.002407	0.002772	0.003052	0.002463	0.001869	0.001299	0.000959	0.000977
4000.00	0.002235	0.002734	0.003221	0.003592	0.002809	0.002025	0.001288	0.001146	0.001152
3500.00	0.002590	0.003132	0.003806	0.004318	0.003236	0.002167	0.001355	0.001390	0.001374
3000.00	0.003427	0.003619	0.004590	0.005328	0.003762	0.002246	0.001709	0.001716	0.001658
2500.00	0.004672	0.004200	0.005667	0.006828	0.004407	0.002172	0.002217	0.002159	0.002019
2000.00	0.006549	0.006141	0.007243	0.009186	0.005099	0.002978	0.002952	0.002757	0.002057
1500.00	0.009735	0.009874	0.009509	0.013224	0.005418	0.004428	0.004080	0.002770	0.001971
1000.00	0.009892	0.017315	0.016551	0.020983	0.007252	0.007002	0.004076	0.002519	0.001848
500.00	0.009007	0.016706	0.045489	0.040164	0.017064	0.006454	0.004562	0.003735	0.003032
0.00	0.011030	0.020519	0.057167	0.000000	0.033612	0.014524	0.008524	0.005816	0.004260
-500.00	0.005791	0.007262	0.009636	0.021723	0.018668	0.007530	0.005050	0.003999	0.003192
-1000.00	0.003136	0.003472	0.003069	0.009032	0.009456	0.007463	0.004504	0.002914	0.002144
-1500.00	0.001874	0.001825	0.002220	0.005272	0.005433	0.005092	0.004294	0.002991	0.002200
-2000.00	0.001198	0.001089	0.001958	0.003535	0.003676	0.003586	0.003252	0.002880	0.002193
-2500.00	0.000825	0.000772	0.001643	0.002571	0.002678	0.002649	0.002545	0.002335	0.002101
-3000.00	0.000589	0.000800	0.001378	0.001978	0.002070	0.002052	0.002019	0.001913	0.001771
-3500.00	0.000434	0.000766	0.001172	0.001585	0.001655	0.001658	0.001636	0.001589	0.001505
-4000.00	0.000432	0.000712	0.001008	0.001307	0.001362	0.001374	0.001348	0.001335	0.001287
-4500.00	0.000439	0.000654	0.000879	0.001103	0.001146	0.001160	0.001148	0.001136	0.001110
-5000.00	0.000430	0.000599	0.000774	0.000948	0.000982	0.000996	0.000991	0.000971	0.000966
-5500.00	0.000413	0.000549	0.000687	0.000825	0.000853	0.000867	0.000866	0.000853	0.000847
-6000.00	0.000393	0.000504	0.000616	0.000727	0.000751	0.000763	0.000765	0.000757	0.000749

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2 ***
 INCLUDING SOURCE(S): 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	3000.00	3500.00	4000.00	X-COORD (METERS)			6000.00
				4500.00	5000.00	5500.00	
6000.00	0.000647	0.000650	0.000647	0.000637	0.000624	0.000607	0.000587
5500.00	0.000735	0.000733	0.000723	0.000708	0.000687	0.000664	0.000595
5000.00	0.000841	0.000832	0.000812	0.000786	0.000759	0.000673	0.000598
4500.00	0.000971	0.000949	0.000917	0.000877	0.000768	0.000676	0.000595
4000.00	0.001130	0.001090	0.001038	0.000893	0.000770	0.000669	0.000586
3500.00	0.001325	0.001256	0.001057	0.000895	0.000763	0.000654	0.000567
3000.00	0.001563	0.001280	0.001057	0.000880	0.000740	0.000627	0.000536
2500.00	0.001593	0.001271	0.001027	0.000841	0.000697	0.000584	0.000501
2000.00	0.001562	0.001212	0.000958	0.000770	0.000683	0.000667	0.000642
1500.00	0.001438	0.001085	0.001019	0.000972	0.000914	0.000854	0.000797
1000.00	0.001732	0.001575	0.001421	0.001280	0.001156	0.001048	0.000955
500.00	0.002542	0.002143	0.001836	0.001594	0.001400	0.001242	0.001111
0.00	0.003349	0.002702	0.002242	0.001900	0.001637	0.001430	0.001263
-500.00	0.002649	0.002218	0.001891	0.001636	0.001432	0.001268	0.001132
-1000.00	0.001931	0.001716	0.001526	0.001361	0.001220	0.001099	0.000996
-1500.00	0.001656	0.001284	0.001167	0.001086	0.001004	0.000927	0.000857
-2000.00	0.001710	0.001360	0.001101	0.000906	0.000796	0.000759	0.000719
-2500.00	0.001685	0.001374	0.001133	0.000946	0.000799	0.000682	0.000594
-3000.00	0.001621	0.001347	0.001132	0.000960	0.000820	0.000707	0.000614
-3500.00	0.001404	0.001300	0.001108	0.000953	0.000824	0.000718	0.000631
-4000.00	0.001222	0.001148	0.001073	0.000932	0.000816	0.000718	0.000637
-4500.00	0.001069	0.001018	0.000961	0.000905	0.000800	0.000712	0.000635
-5000.00	0.000940	0.000905	0.000864	0.000822	0.000781	0.000699	0.000628
-5500.00	0.000832	0.000808	0.000780	0.000750	0.000716	0.000682	0.000616
-6000.00	0.000741	0.000727	0.000708	0.000684	0.000657	0.000630	0.000603

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)								
	-6000.00	-5500.00	-5000.00	-4500.00	-4000.00	-3500.00	-3000.00	-2500.00	-2000.00
6000.00	0.070111	0.068758	0.066882	0.064407	0.061270	0.057373	0.052761	0.047492	0.050735
5500.00	0.069645	0.074871	0.073173	0.070791	0.067556	0.063477	0.058528	0.052727	0.052025
5000.00	0.068718	0.074297	0.080306	0.078025	0.074853	0.070683	0.065428	0.059066	0.053416
4500.00	0.067385	0.073150	0.079477	0.086322	0.083367	0.079236	0.073760	0.066843	0.058523
4000.00	0.065609	0.071417	0.077939	0.085278	0.093318	0.089428	0.083903	0.076511	0.067183
3500.00	0.063313	0.069143	0.075782	0.083356	0.092002	0.101606	0.096325	0.088676	0.078336
3000.00	0.060562	0.066330	0.072968	0.080640	0.089542	0.099891	0.111599	0.104046	0.092757
2500.00	0.057425	0.063013	0.069508	0.077100	0.086039	0.096634	0.109167	0.123515	0.112028
2000.00	0.064856	0.066397	0.067409	0.072802	0.081505	0.091958	0.104432	0.119728	0.137668
1500.00	0.073321	0.076344	0.079139	0.081450	0.082882	0.085984	0.097910	0.112589	0.130665
1000.00	0.082112	0.086815	0.091707	0.096642	0.101342	0.105081	0.107141	0.105781	0.119427
500.00	0.090983	0.097480	0.104667	0.112570	0.121137	0.129916	0.138564	0.144986	0.147047
0.00	0.099662	0.107955	0.117466	0.128427	0.141103	0.155451	0.171859	0.188979	0.205607
-500.00	0.089415	0.095818	0.102893	0.110647	0.118995	0.127424	0.135391	0.140414	0.139055
-1000.00	0.078579	0.083027	0.087614	0.092156	0.096305	0.099240	0.099917	0.095972	0.092281
-1500.00	0.067807	0.070421	0.072735	0.074448	0.075082	0.074807	0.076659	0.076291	0.072099
-2000.00	0.057404	0.058406	0.058797	0.060200	0.062287	0.063626	0.063594	0.061595	0.056871
-2500.00	0.047682	0.049579	0.051335	0.052782	0.053701	0.053787	0.052622	0.049811	0.044285
-3000.00	0.043124	0.044399	0.045426	0.046064	0.046121	0.045367	0.043550	0.040173	0.034735
-3500.00	0.038871	0.039615	0.040063	0.040090	0.039547	0.038267	0.036089	0.032602	0.027572
-4000.00	0.034938	0.035258	0.035261	0.034847	0.033903	0.032426	0.030076	0.026678	0.022133
-4500.00	0.031338	0.031332	0.031005	0.030282	0.029244	0.027603	0.025233	0.022038	0.017983
-5000.00	0.028074	0.027815	0.027255	0.026504	0.025323	0.023622	0.021324	0.018378	0.015874
-5500.00	0.025133	0.024683	0.024135	0.023271	0.022020	0.020331	0.018154	0.015466	0.016152
-6000.00	0.022493	0.022080	0.021431	0.020498	0.019236	0.017601	0.015568	0.013130	0.016269

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-1500.00	-1000.00	-500.00	X-COORD (METERS)		1000.00	1500.00	2000.00	2500.00
				0.00	500.00				
6000.00	0.054417	0.058256	0.062156	0.065984	0.055751	0.045574	0.035771	0.026606	0.018478
5500.00	0.055963	0.060122	0.064387	0.068588	0.056957	0.045436	0.034446	0.024320	0.019455
5000.00	0.057609	0.062112	0.066788	0.071419	0.058069	0.044918	0.032533	0.021339	0.020591
4500.00	0.059386	0.064246	0.069379	0.074508	0.059008	0.043857	0.029834	0.020895	0.021935
4000.00	0.061351	0.066554	0.072169	0.077884	0.059638	0.042008	0.026079	0.022363	0.023548
3500.00	0.065351	0.068853	0.074904	0.081243	0.059508	0.038870	0.022648	0.024172	0.025516
3000.00	0.077647	0.071390	0.077769	0.084767	0.058381	0.034013	0.024569	0.026390	0.027925
2500.00	0.094609	0.074048	0.079974	0.087327	0.054918	0.026465	0.026997	0.029243	0.030872
2000.00	0.118420	0.090135	0.082122	0.089115	0.048379	0.026744	0.030107	0.032842	0.028533
1500.00	0.153284	0.118662	0.083164	0.087049	0.035934	0.029982	0.034648	0.029542	0.025409
1000.00	0.139509	0.165001	0.096199	0.078517	0.027116	0.035433	0.030041	0.025623	0.022635
500.00	0.138839	0.132730	0.140526	0.052730	0.033798	0.028251	0.028444	0.029560	0.029872
0.00	0.214820	0.200495	0.096780	0.000000	0.041910	0.040294	0.039279	0.039085	0.038138
-500.00	0.122789	0.088389	0.041337	0.028040	0.036111	0.029023	0.029374	0.031186	0.031716
-1000.00	0.082738	0.063613	0.030880	0.043636	0.041150	0.041479	0.034384	0.029281	0.026342
-1500.00	0.063187	0.045165	0.030721	0.048582	0.045191	0.043565	0.043447	0.036398	0.031164
-2000.00	0.047110	0.032437	0.034596	0.049424	0.046276	0.044635	0.042992	0.042301	0.036221
-2500.00	0.035474	0.025108	0.035720	0.047740	0.045298	0.044079	0.042237	0.041025	0.039976
-3000.00	0.027065	0.026238	0.035478	0.045317	0.043538	0.042267	0.040891	0.039501	0.038448
-3500.00	0.020974	0.026525	0.034386	0.042489	0.041208	0.040154	0.039244	0.037940	0.036865
-4000.00	0.020099	0.026333	0.033045	0.039831	0.038901	0.038063	0.037287	0.036279	0.035295
-4500.00	0.020341	0.025807	0.031562	0.037310	0.036639	0.035988	0.035357	0.034655	0.033783
-5000.00	0.020332	0.025137	0.030116	0.035053	0.034563	0.034067	0.033563	0.033052	0.032338
-5500.00	0.020156	0.024399	0.028746	0.033039	0.032681	0.032303	0.031904	0.031486	0.030967
-6000.00	0.019870	0.023639	0.027468	0.031238	0.030976	0.030690	0.030376	0.030037	0.029674

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)						
	3000.00	3500.00	4000.00	4500.00	5000.00	5500.00	6000.00
6000.00	0.019168	0.019817	0.020393	0.020857	0.021236	0.021532	0.021749
5500.00	0.020224	0.020930	0.021554	0.022075	0.022452	0.022725	0.021186
5000.00	0.021446	0.022209	0.022861	0.023395	0.023803	0.022062	0.020465
4500.00	0.022879	0.023691	0.024356	0.024874	0.022958	0.021205	0.019605
4000.00	0.024577	0.025419	0.026070	0.023863	0.021877	0.020137	0.018604
3500.00	0.026609	0.027442	0.024863	0.022577	0.020605	0.018904	0.017436
3000.00	0.029053	0.025986	0.023315	0.021056	0.019146	0.017526	0.016145
2500.00	0.027239	0.024093	0.021475	0.019317	0.017528	0.016034	0.014781
2000.00	0.024821	0.021838	0.019393	0.017416	0.016466	0.017017	0.017457
1500.00	0.022027	0.019334	0.019180	0.019710	0.020114	0.020406	0.020600
1000.00	0.023333	0.023753	0.024032	0.024131	0.024140	0.024078	0.023958
500.00	0.030064	0.029745	0.029371	0.028892	0.028408	0.027924	0.027442
0.00	0.037323	0.036037	0.034885	0.033754	0.032736	0.031807	0.030947
-500.00	0.031898	0.031451	0.030920	0.030281	0.029648	0.029034	0.028437
-1000.00	0.026934	0.027067	0.027023	0.026799	0.026518	0.026200	0.025856
-1500.00	0.027087	0.023932	0.023535	0.023601	0.023585	0.023505	0.023374
-2000.00	0.031358	0.027577	0.024547	0.022135	0.020940	0.021025	0.021054
-2500.00	0.034867	0.030706	0.027330	0.024598	0.022367	0.020525	0.018997
-3000.00	0.037447	0.033189	0.029666	0.026748	0.024322	0.022292	0.020579
-3500.00	0.035934	0.035043	0.031516	0.028531	0.026002	0.023853	0.022020
-4000.00	0.034443	0.033672	0.032909	0.029944	0.027388	0.025183	0.023268
-4500.00	0.033019	0.032325	0.031674	0.031016	0.028489	0.026272	0.024286
-5000.00	0.031662	0.031044	0.030462	0.029904	0.029321	0.027089	0.025110
-5500.00	0.030373	0.029826	0.029310	0.028806	0.028264	0.027693	0.025753
-6000.00	0.029153	0.028673	0.028207	0.027717	0.027229	0.026741	0.026232

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.203790	AT (	-1500.00, 0.00) GC	6.	0.152447	AT (	-3500.00, 0.00) GC
2.	0.198510	AT (	-2000.00, 0.00) GC	7.	0.147686	AT (	-1000.00, 1000.00) GC
3.	0.183964	AT (	-2500.00, 0.00) GC	8.	0.143549	AT (	-1500.00, 1500.00) GC
4.	0.179976	AT (	-1000.00, 0.00) GC	9.	0.140800	AT (	-2000.00, 500.00) GC
5.	0.168051	AT (	-3000.00, 0.00) GC	10.	0.140402	AT (	-2500.00, 500.00) GC

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: 2 ***
 INCLUDING SOURCE(S): 11 ,

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.057167	AT (	-500.00, 0.00) GC	6.	0.020983	AT (	0.00, 1000.00) GC
2.	0.045489	AT (	-500.00, 500.00) GC	7.	0.020519	AT (	-1000.00, 0.00) GC
3.	0.040164	AT (	0.00, 500.00) GC	8.	0.018668	AT (	500.00, -500.00) GC
4.	0.033612	AT (	500.00, 0.00) GC	9.	0.017315	AT (	-1000.00, 1000.00) GC
5.	0.021723	AT (	0.00, -500.00) GC	10.	0.017064	AT (	500.00, 500.00) GC

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.214820	AT (	-1500.00, 0.00) GC	6.	0.165001	AT (	-1000.00, 1000.00) GC
2.	0.205607	AT (	-2000.00, 0.00) GC	7.	0.155451	AT (	-3500.00, 0.00) GC
3.	0.200495	AT (	-1000.00, 0.00) GC	8.	0.153284	AT (	-1500.00, 1500.00) GC
4.	0.188979	AT (	-2500.00, 0.00) GC	9.	0.147047	AT (	-2000.00, 500.00) GC
5.	0.171859	AT (	-3000.00, 0.00) GC	10.	0.144986	AT (	-2500.00, 500.00) GC

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

ISC MODEL RESULTS
NO_x ANNUAL
100 METER GRID
YEAR 1983

NO ECHO

*** Message Summary For ISC2 Model Setup ***

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

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

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

***** WARNING MESSAGES *****
SO W320 26 PPARAM : Source Parameter May Be Out-of-Range for Parameter VS
SO W320 27 PPARAM : Source Parameter May Be Out-of-Range for Parameter VS

*** SETUP Finishes Successfully ***

*** ISCLT2 - VERSION 92062 ***

*** ENRON III STATION 21 MAX ANNUAL NOX 100 M GRID 2-11-93 1983

*** 02/26/93

*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

*** 13:25:44

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

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

**Model Uses RURAL Dispersion.

**Model Uses Regulatory DEFAULT Options:

1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Default Wind Profile Exponents.
5. Default Vertical Potential Temperature Gradients.
6. "Upper Bound" Values For Supersquat Buildings.
7. No Exponential Decay for RURAL Mode

**Model Assumes Receptors on FLAT Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates 1 STAR Average(s) for the Following Months: 0 0 0 0 0 0 0 0 0 0 0 0
Seasons/Quarters: 0 0 0 0
and Annual: 1

**Model Assumes 1 STAR Summaries In Data File for the Averaging Periods Identified Above

**This Run Includes: 3 Source(s); 3 Source Group(s); and 625 Receptor(s)

**The Model Assumes A Pollutant Type of: NOX

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

**Output Options Selected:

Model Outputs Tables of Long Term Values by Receptor (RECTABLE Keyword)
Model Outputs Tables of Maximum Long Term Values (MAXTABLE Keyword)
Model Outputs External File(s) of Long Term Values for Plotting (PLOTFILE Keyword)

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SECOND ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/CUBIC-METER

**Input Runstream File: st21n831.ann ; **Output Print File: st21n831.out

**Error Message File: st21n83.err

*** ISCLT2 - VERSION 92062 ***

*** ENRON III STATION 21 MAX ANNUAL NOX 100 M GRID 2-11-93 1983

*** 02/26/93

*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

*** 13:25:44

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (USER UNITS)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
1	0	0.11200E+01	0.0	0.0	0.0	15.24	763.72	55.43	1.01	YES	
2	0	0.11200E+01	0.0	-17.0	0.0	15.24	763.72	55.43	1.01	YES	
11	0	0.10000E-01	-20.0	5.0	0.0	6.10	894.27	44.10	0.09	YES	

*** ISCLT2 - VERSION 92062 ***

*** ENRON III STATION 21 MAX ANNUAL NOX 100 M GRID 2-11-93 1983
*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

*** 02/26/93
*** 13:25:44
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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
1	1 , 2 ,
2	11 ,
3	1 , 2 , 11 ,

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: 1

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	9.1,	19.1,	0	2	9.1,	30.3,	0	3	9.1,	37.1,	0	4	9.1,	38.5,	0
5	9.1,	38.3,	0	6	9.1,	38.5,	0	7	9.1,	37.2,	0	8	9.1,	30.5,	0
9	9.1,	19.1,	0	10	9.1,	30.3,	0	11	9.1,	37.1,	0	12	9.1,	38.5,	0
13	9.1,	38.3,	0	14	9.1,	38.5,	0	15	9.1,	37.2,	0	16	9.1,	30.5,	0

SOURCE ID: 2

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	9.1,	19.1,	0	2	9.1,	30.3,	0	3	9.1,	37.1,	0	4	9.1,	38.5,	0
5	9.1,	38.3,	0	6	9.1,	38.5,	0	7	9.1,	37.2,	0	8	9.1,	30.5,	0
9	9.1,	19.1,	0	10	9.1,	30.3,	0	11	9.1,	37.1,	0	12	9.1,	38.5,	0
13	9.1,	38.3,	0	14	9.1,	38.5,	0	15	9.1,	37.2,	0	16	9.1,	30.5,	0

SOURCE ID: 11

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	5.7,	9.3,	0	2	5.7,	14.3,	0	3	9.1,	37.1,	0	4	9.1,	38.5,	0
5	9.1,	38.3,	0	6	9.1,	38.5,	0	7	9.1,	37.2,	0	8	9.1,	30.5,	0
9	5.7,	9.3,	0	10	5.7,	14.3,	0	11	9.1,	37.1,	0	12	9.1,	38.5,	0
13	9.1,	38.3,	0	14	9.1,	38.5,	0	15	9.1,	37.2,	0	16	9.1,	30.5,	0

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

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

-1200.0,	-1100.0,	-1000.0,	-900.0,	-800.0,	-700.0,	-600.0,	-500.0,	-400.0,	-300.0,
-200.0,	-100.0,	0.0,	100.0,	200.0,	300.0,	400.0,	500.0,	600.0,	700.0,
800.0,	900.0,	1000.0,	1100.0,	1200.0,					

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

-1200.0,	-1100.0,	-1000.0,	-900.0,	-800.0,	-700.0,	-600.0,	-500.0,	-400.0,	-300.0,
-200.0,	-100.0,	0.0,	100.0,	200.0,	300.0,	400.0,	500.0,	600.0,	700.0,
800.0,	900.0,	1000.0,	1100.0,	1200.0,					

*** ISCLT2 - VERSION 92062 ***

*** ENRON III STATION 21 MAX ANNUAL NOX 100 M GRID 2-11-93 1983

02/26/93

*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

13:25:44

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

* SOURCE-RECEPTOR COMBINATIONS LESS THAN 1.0 METER OR 3*ZLB *
IN DISTANCE. CALCULATIONS MAY NOT BE PERFORMED.

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
1	0.0 0.0	0.00

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** AVERAGE SPEED FOR EACH WIND SPEED CATEGORY ***
(METERS/SEC)

1.50, 2.50, 4.30, 6.80, 9.50, 12.50,

*** WIND PROFILE EXPONENTS ***

STABILITY CATEGORY	WIND SPEED CATEGORY					
	1	2	3	4	5	6
A	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01
B	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01
C	.10000E+00	.10000E+00	.10000E+00	.10000E+00	.10000E+00	.10000E+00
D	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
E	.35000E+00	.35000E+00	.35000E+00	.35000E+00	.35000E+00	.35000E+00
F	.55000E+00	.55000E+00	.55000E+00	.55000E+00	.55000E+00	.55000E+00

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
(DEGREES KELVIN PER METER)

STABILITY CATEGORY	WIND SPEED CATEGORY					
	1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

*** AVERAGE AMBIENT AIR TEMPERATURE (KELVIN) ***

	STABILITY CATEGORY A	STABILITY CATEGORY B	STABILITY CATEGORY C	STABILITY CATEGORY D	STABILITY CATEGORY E	STABILITY CATEGORY F
ANNUAL	301.4000	301.4000	301.4000	296.8000	292.2000	292.2000

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** FREQUENCY OF OCCURRENCE OF WIND SPEED, DIRECTION AND STABILITY ***

FILE: jfwpb83.Y

FORMAT: (6F10.6)

SURFACE STATION NO.: 12844

UPPER AIR STATION NO.: 12844

NAME: WESTPALMBEACH-FL

NAME: WESTPALMBEACH-FL

YEAR: 1983

YEAR: 1983

ANNUAL: STABILITY CATEGORY A

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00011000	0.00034300	0.00000000	0.00000000	0.00000000	0.00000000
22.500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
45.000	0.00007300	0.00022900	0.00000000	0.00000000	0.00000000	0.00000000
67.500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
90.000	0.00003700	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
112.500	0.00015100	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
135.000	0.00055700	0.00080000	0.00000000	0.00000000	0.00000000	0.00000000
157.500	0.00022400	0.00022900	0.00000000	0.00000000	0.00000000	0.00000000
180.000	0.00074900	0.00045700	0.00000000	0.00000000	0.00000000	0.00000000
202.500	0.00029700	0.00045700	0.00000000	0.00000000	0.00000000	0.00000000
225.000	0.00018800	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
247.500	0.00026000	0.00034300	0.00000000	0.00000000	0.00000000	0.00000000
270.000	0.00026000	0.00034300	0.00000000	0.00000000	0.00000000	0.00000000
292.500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
315.000	0.00003700	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
337.500	0.00026000	0.00034300	0.00000000	0.00000000	0.00000000	0.00000000

ANNUAL: STABILITY CATEGORY B

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00189600	0.00353900	0.00114200	0.00000000	0.00000000	0.00000000
22.500	0.00037600	0.00114200	0.00091400	0.00000000	0.00000000	0.00000000
45.000	0.00021300	0.00080000	0.00274000	0.00000000	0.00000000	0.00000000
67.500	0.00037600	0.00114200	0.00091400	0.00000000	0.00000000	0.00000000
90.000	0.00038800	0.00125600	0.00331100	0.00000000	0.00000000	0.00000000
112.500	0.00056300	0.00171300	0.00479500	0.00000000	0.00000000	0.00000000
135.000	0.00106900	0.00171300	0.00399600	0.00000000	0.00000000	0.00000000
157.500	0.00049000	0.00102800	0.00068500	0.00000000	0.00000000	0.00000000
180.000	0.00196600	0.00182700	0.00194100	0.00000000	0.00000000	0.00000000
202.500	0.00050200	0.00114200	0.00034300	0.00000000	0.00000000	0.00000000
225.000	0.00088900	0.00239800	0.00045700	0.00000000	0.00000000	0.00000000
247.500	0.00085700	0.00091400	0.00137000	0.00000000	0.00000000	0.00000000
270.000	0.00053900	0.00148500	0.00114200	0.00000000	0.00000000	0.00000000
292.500	0.00050200	0.00114200	0.00045700	0.00000000	0.00000000	0.00000000
315.000	0.00118700	0.00045700	0.00034300	0.00000000	0.00000000	0.00000000
337.500	0.00075500	0.00114200	0.00125600	0.00000000	0.00000000	0.00000000

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** FREQUENCY OF OCCURRENCE OF WIND SPEED, DIRECTION AND STABILITY ***

FILE: jfwpb83.Y

FORMAT: (6F10.6)

SURFACE STATION NO.: 12844

UPPER AIR STATION NO.: 12844

NAME: WESTPALMBEACH-FL

NAME: WESTPALMBEACH-FL

YEAR: 1983

YEAR: 1983

ANNUAL: STABILITY CATEGORY C

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00098400	0.00433800	0.00616500	0.00091400	0.00011500	0.00000000
22.500	0.00020200	0.00068500	0.00296900	0.00125600	0.00000000	0.00000000
45.000	0.00035400	0.00091400	0.00639300	0.00251200	0.00011500	0.00000000
67.500	0.00006300	0.00057100	0.00719200	0.00399600	0.00011500	0.00000000
90.000	0.00020100	0.00182700	0.01198700	0.00764900	0.00000000	0.00000000
112.500	0.00015100	0.00137000	0.01016000	0.00513700	0.00011500	0.00000000
135.000	0.00048000	0.00205500	0.01232900	0.00388200	0.00000000	0.00000000
157.500	0.00031500	0.00171300	0.00399600	0.00262600	0.00000000	0.00000000
180.000	0.00080800	0.00274000	0.00525200	0.00148500	0.00022900	0.00000000
202.500	0.00065800	0.00137000	0.00251200	0.00045700	0.00000000	0.00000000
225.000	0.00039200	0.00125600	0.00285400	0.00080000	0.00011500	0.00000000
247.500	0.00026500	0.00125600	0.00216900	0.00057100	0.00000000	0.00000000
270.000	0.00046700	0.00194100	0.00365300	0.00057100	0.00045700	0.00022900
292.500	0.00008800	0.00080000	0.00194100	0.00022900	0.00011500	0.00000000
315.000	0.00015100	0.00137000	0.00433800	0.00045700	0.00000000	0.00000000
337.500	0.00059400	0.00194100	0.00399600	0.00080000	0.00000000	0.00000000

ANNUAL: STABILITY CATEGORY D

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00070400	0.00376800	0.01221500	0.00924700	0.00080000	0.00000000
22.500	0.00017500	0.00091400	0.00445300	0.00593700	0.00022900	0.00000000
45.000	0.00019500	0.00125600	0.00627900	0.01232900	0.00251200	0.00022900
67.500	0.00016800	0.00080000	0.00970400	0.02465800	0.00376800	0.00102800
90.000	0.00021500	0.00159900	0.01917900	0.03264900	0.00331100	0.00296900
112.500	0.00017500	0.00091400	0.00993200	0.01175800	0.00022900	0.00000000
135.000	0.00023500	0.00194100	0.01232900	0.01963500	0.00137000	0.00000000
157.500	0.00022100	0.00171300	0.01038900	0.01655300	0.00216900	0.00000000
180.000	0.00079700	0.00536600	0.01335700	0.01164400	0.00114200	0.00000000
202.500	0.00022100	0.00171300	0.00525200	0.00296900	0.00080000	0.00000000
225.000	0.00071800	0.00194100	0.00468100	0.00548000	0.00114200	0.00000000
247.500	0.00022100	0.00171300	0.00308300	0.00456700	0.00068500	0.00034300
270.000	0.00055000	0.00319700	0.00399600	0.00867600	0.00239800	0.00034300
292.500	0.00012700	0.00216900	0.00308300	0.00490900	0.00194100	0.00022900
315.000	0.00018100	0.00102800	0.00685000	0.00936100	0.00034300	0.00000000
337.500	0.00024100	0.00205500	0.01084500	0.00787700	0.00045700	0.00000000

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** FREQUENCY OF OCCURRENCE OF WIND SPEED, DIRECTION AND STABILITY ***

FILE: jfwpb83.Y

FORMAT: (6F10.6)

SURFACE STATION NO.: 12844

UPPER AIR STATION NO.: 12844

NAME: WESTPALMBEACH-FL

NAME: WESTPALMBEACH-FL

YEAR: 1983

YEAR: 1983

ANNUAL: STABILITY CATEGORY E

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00000000	0.00924700	0.00388200	0.00000000	0.00000000	0.00000000
22.500	0.00000000	0.00137000	0.00171300	0.00000000	0.00000000	0.00000000
45.000	0.00000000	0.00216900	0.00479500	0.00000000	0.00000000	0.00000000
67.500	0.00000000	0.00171300	0.00879000	0.00000000	0.00000000	0.00000000
90.000	0.00000000	0.00593700	0.01198700	0.00000000	0.00000000	0.00000000
112.500	0.00000000	0.00605100	0.01107400	0.00000000	0.00000000	0.00000000
135.000	0.00000000	0.00513700	0.01187300	0.00000000	0.00000000	0.00000000
157.500	0.00000000	0.00388200	0.00411000	0.00000000	0.00000000	0.00000000
180.000	0.00000000	0.01358500	0.00353900	0.00000000	0.00000000	0.00000000
202.500	0.00000000	0.00673600	0.00125600	0.00000000	0.00000000	0.00000000
225.000	0.00000000	0.00411000	0.00148500	0.00000000	0.00000000	0.00000000
247.500	0.00000000	0.00468100	0.00194100	0.00000000	0.00000000	0.00000000
270.000	0.00000000	0.00685000	0.00513700	0.00000000	0.00000000	0.00000000
292.500	0.00000000	0.00285400	0.00376800	0.00000000	0.00000000	0.00000000
315.000	0.00000000	0.00639300	0.00742100	0.00000000	0.00000000	0.00000000
337.500	0.00000000	0.00513700	0.00525200	0.00000000	0.00000000	0.00000000

ANNUAL: STABILITY CATEGORY F

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.01026700	0.00650700	0.00000000	0.00000000	0.00000000	0.00000000
22.500	0.00201600	0.00171300	0.00000000	0.00000000	0.00000000	0.00000000
45.000	0.00182800	0.00205500	0.00000000	0.00000000	0.00000000	0.00000000
67.500	0.00180600	0.00285400	0.00000000	0.00000000	0.00000000	0.00000000
90.000	0.00328200	0.00479500	0.00000000	0.00000000	0.00000000	0.00000000
112.500	0.00540800	0.00810600	0.00000000	0.00000000	0.00000000	0.00000000
135.000	0.00770100	0.01016000	0.00000000	0.00000000	0.00000000	0.00000000
157.500	0.00767600	0.00319700	0.00000000	0.00000000	0.00000000	0.00000000
180.000	0.01446200	0.01038900	0.00000000	0.00000000	0.00000000	0.00000000
202.500	0.00602700	0.00422400	0.00000000	0.00000000	0.00000000	0.00000000
225.000	0.00722500	0.00582200	0.00000000	0.00000000	0.00000000	0.00000000
247.500	0.00733300	0.00353900	0.00000000	0.00000000	0.00000000	0.00000000
270.000	0.01391900	0.01232900	0.00000000	0.00000000	0.00000000	0.00000000
292.500	0.00767200	0.00490900	0.00000000	0.00000000	0.00000000	0.00000000
315.000	0.01019000	0.00844800	0.00000000	0.00000000	0.00000000	0.00000000
337.500	0.00951900	0.00787700	0.00000000	0.00000000	0.00000000	0.00000000

SUM OF FREQUENCIES, FTOTAL = 1.00015

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-1200.00	-1100.00	-1000.00	-900.00	-800.00	-700.00	-600.00	-500.00	-400.00
1200.00	0.111704	0.106178	0.099968	0.093105	0.085672	0.077823	0.069796	0.062081	0.062501
1100.00	0.110048	0.112123	0.105556	0.098186	0.090084	0.081409	0.072424	0.063516	0.060155
1000.00	0.107497	0.109999	0.111775	0.103895	0.095090	0.085511	0.075442	0.065328	0.057383
900.00	0.104809	0.106884	0.109004	0.110290	0.100768	0.090223	0.078944	0.067408	0.056269
800.00	0.102088	0.103653	0.105146	0.106628	0.107172	0.095628	0.082862	0.068952	0.055710
700.00	0.099486	0.100474	0.101232	0.101795	0.102287	0.101663	0.086511	0.070745	0.055407
600.00	0.097205	0.097582	0.097528	0.097032	0.096015	0.093972	0.090845	0.073105	0.055370
500.00	0.095499	0.095278	0.094393	0.092732	0.089448	0.085388	0.081115	0.075720	0.049992
400.00	0.101332	0.097369	0.092760	0.089292	0.084211	0.077975	0.070828	0.057446	0.042810
300.00	0.109298	0.104793	0.099108	0.091293	0.082213	0.072833	0.059912	0.041403	0.024835
200.00	0.118530	0.113824	0.107593	0.098009	0.087029	0.074061	0.053922	0.032977	0.014981
100.00	0.128910	0.124378	0.118004	0.107602	0.095557	0.080258	0.054761	0.031596	0.014814
0.00	0.140223	0.136221	0.130390	0.119868	0.107683	0.091906	0.064029	0.039406	0.024112
-100.00	0.129121	0.124224	0.117339	0.106166	0.093437	0.077323	0.051573	0.029791	0.016420
-200.00	0.116926	0.111319	0.103975	0.092662	0.080011	0.065293	0.043528	0.024542	0.012234
-300.00	0.106088	0.100186	0.092806	0.082524	0.070549	0.058135	0.043507	0.027165	0.015263
-400.00	0.096781	0.091004	0.084089	0.076260	0.066862	0.057290	0.047545	0.034232	0.024107
-500.00	0.089089	0.084585	0.079404	0.073370	0.065604	0.057570	0.050332	0.043949	0.028358
-600.00	0.084507	0.080529	0.075927	0.070801	0.065026	0.058821	0.053616	0.042758	0.031075
-700.00	0.080436	0.076867	0.072883	0.068637	0.064393	0.060360	0.050965	0.040591	0.030461
-800.00	0.076684	0.073544	0.070178	0.066772	0.063614	0.056462	0.047937	0.038661	0.029743
-900.00	0.073223	0.070509	0.067729	0.065089	0.059251	0.052334	0.044787	0.036880	0.029105
-1000.00	0.070020	0.067712	0.065470	0.060676	0.054960	0.048617	0.041818	0.034853	0.029365
-1100.00	0.067048	0.065114	0.061145	0.056401	0.051084	0.045281	0.039156	0.032963	0.032871
-1200.00	0.064280	0.060960	0.056994	0.052523	0.047590	0.042284	0.036755	0.031223	0.036123

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-300.00	-200.00	-100.00	X-COORD (METERS)		200.00	300.00	400.00	500.00
				0.00	100.00				
1200.00	0.063720	0.065694	0.068449	0.071955	0.062187	0.052779	0.044013	0.036098	0.029276
1100.00	0.061059	0.062888	0.065697	0.069455	0.059164	0.049339	0.040322	0.032352	0.028730
1000.00	0.057861	0.059479	0.062233	0.066390	0.055543	0.045370	0.036189	0.028298	0.028269
900.00	0.053336	0.054234	0.056959	0.061481	0.050352	0.040110	0.031248	0.025919	0.027710
800.00	0.047668	0.048058	0.050690	0.055551	0.044318	0.034250	0.025908	0.024430	0.026724
700.00	0.042045	0.040908	0.042959	0.048195	0.037111	0.027782	0.020998	0.022701	0.025507
600.00	0.037399	0.028702	0.028340	0.032906	0.024241	0.018356	0.017416	0.020638	0.024113
500.00	0.028513	0.016444	0.014803	0.017884	0.012421	0.009923	0.011686	0.016172	0.022547
400.00	0.020130	0.008235	0.005910	0.007728	0.004913	0.004517	0.006702	0.011653	0.017196
300.00	0.012856	0.003658	0.002173	0.003871	0.002107	0.002064	0.003781	0.007582	0.013564
200.00	0.004848	0.002164	0.001478	0.002997	0.001534	0.001573	0.003019	0.006293	0.012480
100.00	0.004988	0.001679	0.001263	0.001754	0.001157	0.003824	0.004463	0.006825	0.012382
0.00	0.021447	0.029057	0.051787	0.000000	0.012450	0.009972	0.008321	0.009655	0.015346
-100.00	0.011486	0.009753	0.005521	0.000268	0.002152	0.003469	0.004340	0.006282	0.011036
-200.00	0.006054	0.002793	0.000939	0.001850	0.001920	0.002281	0.002821	0.004360	0.007964
-300.00	0.007596	0.002240	0.000883	0.002522	0.002165	0.002521	0.003972	0.006000	0.009499
-400.00	0.011286	0.004003	0.002887	0.004589	0.004272	0.005559	0.007022	0.010428	0.014137
-500.00	0.015221	0.007654	0.008253	0.011405	0.010260	0.012696	0.013762	0.016571	0.021394
-600.00	0.019247	0.014856	0.017613	0.023120	0.020465	0.021569	0.023295	0.024753	0.025947
-700.00	0.021532	0.023916	0.029518	0.037348	0.033011	0.031642	0.031519	0.030368	0.030558
-800.00	0.025127	0.030291	0.037157	0.045368	0.040724	0.037781	0.036606	0.035509	0.035104
-900.00	0.030192	0.036213	0.043603	0.052034	0.047054	0.043444	0.041323	0.040222	0.039311
-1000.00	0.034978	0.041724	0.049456	0.057989	0.052810	0.048754	0.045760	0.043822	0.042511
-1100.00	0.038996	0.046054	0.053888	0.062248	0.057135	0.052796	0.049349	0.046826	0.045238
-1200.00	0.042543	0.049715	0.057487	0.065643	0.060618	0.056218	0.052549	0.049656	0.047561

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	600.00	700.00	800.00	900.00	1000.00	1100.00	1200.00
1200.00	0.030458	0.032009	0.033662	0.035325	0.036933	0.038441	0.039823
1100.00	0.030320	0.032144	0.034065	0.035973	0.037794	0.039479	0.038906
1000.00	0.030163	0.032309	0.034538	0.036724	0.038779	0.038350	0.037735
900.00	0.029977	0.032499	0.035081	0.037575	0.037385	0.036952	0.036527
800.00	0.029692	0.032707	0.035684	0.035861	0.035726	0.035544	0.035329
700.00	0.029023	0.032874	0.033612	0.033928	0.034118	0.034205	0.034212
600.00	0.028267	0.030035	0.031373	0.032167	0.032692	0.033046	0.033266
500.00	0.025187	0.027392	0.029294	0.030773	0.031614	0.032201	0.032599
400.00	0.022657	0.025634	0.027989	0.029918	0.031270	0.033236	0.035098
300.00	0.020325	0.024999	0.028104	0.031311	0.034204	0.036490	0.038510
200.00	0.019568	0.026435	0.030764	0.034518	0.037969	0.040394	0.042456
100.00	0.020608	0.029507	0.034604	0.038741	0.042426	0.044879	0.046867
0.00	0.024465	0.034385	0.039602	0.043840	0.047552	0.049815	0.051626
-100.00	0.018880	0.027999	0.033501	0.038047	0.042081	0.044779	0.046943
-200.00	0.014514	0.022225	0.027474	0.032136	0.036344	0.039300	0.041760
-300.00	0.014321	0.018432	0.022928	0.027462	0.031452	0.034511	0.037120
-400.00	0.018506	0.020763	0.022939	0.025021	0.027538	0.030511	0.033113
-500.00	0.022879	0.024418	0.026068	0.027568	0.028439	0.029076	0.029849
-600.00	0.028025	0.029010	0.030090	0.030745	0.031151	0.031432	0.031577
-700.00	0.031973	0.034166	0.034321	0.034341	0.034326	0.034243	0.034080
-800.00	0.035853	0.037124	0.038569	0.038173	0.037773	0.037346	0.036882
-900.00	0.039154	0.039696	0.040791	0.042064	0.041331	0.040597	0.039855
-1000.00	0.041960	0.042087	0.042743	0.043784	0.044876	0.043880	0.042894
-1100.00	0.044440	0.044251	0.044556	0.045237	0.046186	0.047107	0.045916
-1200.00	0.046595	0.046170	0.046200	0.046588	0.047245	0.048091	0.048859

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2
INCLUDING SOURCE(S): 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)								
	-1200.00	-1100.00	-1000.00	-900.00	-800.00	-700.00	-600.00	-500.00	-400.00
1200.00	0.008606	0.008640	0.008814	0.008928	0.009024	0.009024	0.008902	0.008694	0.009905
1100.00	0.008986	0.009743	0.009731	0.009991	0.010178	0.010261	0.010204	0.009966	0.010506
1000.00	0.009297	0.010151	0.011159	0.011213	0.011526	0.011729	0.011777	0.011611	0.011340
900.00	0.009588	0.010601	0.011746	0.013039	0.013099	0.013477	0.013688	0.013653	0.013280
800.00	0.009881	0.011010	0.012305	0.013791	0.015496	0.015560	0.016021	0.016210	0.016016
700.00	0.010106	0.011348	0.012800	0.014499	0.016484	0.018810	0.018883	0.019475	0.019297
600.00	0.010237	0.011583	0.013186	0.015103	0.017401	0.020160	0.023487	0.023300	0.023919
500.00	0.010812	0.011673	0.013407	0.015527	0.018139	0.021333	0.025161	0.030073	0.030054
400.00	0.010836	0.012098	0.014313	0.016056	0.018589	0.022062	0.026774	0.032864	0.041111
300.00	0.011355	0.012782	0.014504	0.016607	0.019689	0.024005	0.027641	0.035218	0.045899
200.00	0.011765	0.013331	0.015253	0.017667	0.020438	0.024285	0.029477	0.041025	0.050012
100.00	0.012042	0.013707	0.015774	0.018420	0.021479	0.025815	0.032135	0.041275	0.055274
0.00	0.012517	0.014313	0.016565	0.019440	0.022870	0.027834	0.035242	0.046362	0.064458
-100.00	0.010958	0.012384	0.014134	0.016349	0.018765	0.022240	0.027177	0.034049	0.043995
-200.00	0.009886	0.011048	0.012436	0.014128	0.015847	0.018293	0.021536	0.026709	0.027924
-300.00	0.008755	0.009642	0.010657	0.011818	0.013497	0.014391	0.015517	0.018333	0.021653
-400.00	0.007604	0.008223	0.009282	0.009298	0.010419	0.011539	0.013090	0.014729	0.015319
-500.00	0.006574	0.006769	0.007456	0.008232	0.009099	0.009961	0.010852	0.011092	0.010750
-600.00	0.005661	0.006153	0.006693	0.007278	0.007895	0.008521	0.008648	0.008311	0.008521
-700.00	0.005170	0.005559	0.005972	0.006396	0.006813	0.006882	0.006740	0.006924	0.006850
-800.00	0.004700	0.005001	0.005305	0.005600	0.005642	0.005557	0.005713	0.005729	0.005617
-900.00	0.004258	0.004484	0.004700	0.004727	0.004672	0.004805	0.004874	0.004847	0.004687
-1000.00	0.003863	0.004012	0.004030	0.003993	0.004107	0.004180	0.004193	0.004124	0.004548
-1100.00	0.003496	0.003497	0.003460	0.003556	0.003626	0.003658	0.003636	0.003544	0.004741
-1200.00	0.003073	0.003052	0.003124	0.003179	0.003217	0.003220	0.003176	0.003288	0.004825

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2
INCLUDING SOURCE(S): 11

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)								
	-300.00	-200.00	-100.00	0.00	100.00	200.00	300.00	400.00	500.00
1200.00	0.011562	0.013220	0.014818	0.015397	0.013296	0.011245	0.009219	0.007278	0.006184
1100.00	0.012471	0.014453	0.016368	0.017042	0.014490	0.012009	0.009583	0.007353	0.006896
1000.00	0.013475	0.015871	0.018194	0.018980	0.015832	0.012793	0.009856	0.007770	0.007742
900.00	0.014568	0.017480	0.020321	0.021223	0.017286	0.013515	0.009956	0.008849	0.008760
800.00	0.015844	0.019321	0.022966	0.024117	0.019037	0.014234	0.010333	0.010170	0.009981
700.00	0.018714	0.021590	0.026268	0.027666	0.020938	0.014705	0.011884	0.011843	0.011537
600.00	0.023635	0.024430	0.030796	0.032569	0.023125	0.015187	0.014255	0.014051	0.013388
500.00	0.030817	0.029652	0.036544	0.038697	0.025204	0.017393	0.017658	0.016907	0.016466
400.00	0.041184	0.041578	0.044698	0.047399	0.026463	0.022770	0.022422	0.021815	0.018065
300.00	0.061340	0.061274	0.057623	0.062333	0.030729	0.031666	0.031073	0.024410	0.019507
200.00	0.070212	0.106456	0.104465	0.095898	0.051071	0.049955	0.035577	0.028842	0.024558
100.00	0.086129	0.143056	0.259620	0.215823	0.103433	0.073300	0.050906	0.040583	0.033436
0.00	0.097325	0.169027	0.421341	0.000000	0.218289	0.117302	0.077514	0.056461	0.043714
-100.00	0.063926	0.080583	0.102322	0.249678	0.139798	0.074919	0.050907	0.039541	0.032851
-200.00	0.035581	0.040526	0.043515	0.106116	0.091980	0.068819	0.042338	0.030840	0.025367
-300.00	0.023084	0.022219	0.031111	0.064202	0.062723	0.052921	0.043360	0.030470	0.023106
-400.00	0.014799	0.014941	0.026823	0.045543	0.042191	0.041498	0.035684	0.030700	0.023209
-500.00	0.011025	0.012461	0.023247	0.035205	0.033315	0.033067	0.029723	0.026205	0.023361
-600.00	0.008390	0.012103	0.020042	0.028173	0.027060	0.025602	0.024893	0.022785	0.020458
-700.00	0.006986	0.011764	0.017627	0.023524	0.022724	0.021384	0.021199	0.019695	0.018239
-800.00	0.006912	0.011145	0.015615	0.020058	0.019452	0.018546	0.018031	0.017299	0.016140
-900.00	0.007077	0.010423	0.013914	0.017368	0.016938	0.016202	0.015256	0.015163	0.014338
-1000.00	0.007054	0.009784	0.012585	0.015327	0.014954	0.014358	0.013596	0.013381	0.012788
-1100.00	0.006870	0.009112	0.011392	0.013609	0.013298	0.012817	0.012205	0.011545	0.011457
-1200.00	0.006615	0.008480	0.010362	0.012184	0.011922	0.011529	0.011030	0.010454	0.010311

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2
INCLUDING SOURCE(S): 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)						
	600.00	700.00	800.00	900.00	1000.00	1100.00	1200.00
1200.00	0.006127	0.006004	0.005833	0.005654	0.005432	0.005242	0.005107
1100.00	0.006799	0.006625	0.006399	0.006139	0.005894	0.005727	0.005357
1000.00	0.007587	0.007344	0.007045	0.006714	0.006516	0.006039	0.005573
900.00	0.008520	0.008182	0.007787	0.007551	0.006903	0.006317	0.005813
800.00	0.009638	0.009166	0.008884	0.008039	0.007285	0.006615	0.006022
700.00	0.010985	0.010649	0.009513	0.008516	0.007645	0.006887	0.006227
600.00	0.013063	0.011486	0.010120	0.008956	0.007963	0.007117	0.006392
500.00	0.014122	0.012278	0.010661	0.009325	0.008214	0.007447	0.007079
400.00	0.015200	0.012842	0.011076	0.010217	0.009432	0.008857	0.008392
300.00	0.016137	0.014991	0.013389	0.012495	0.011595	0.010745	0.009960
200.00	0.021198	0.019079	0.017127	0.015454	0.013958	0.012663	0.011540
100.00	0.028070	0.024076	0.020852	0.018400	0.016290	0.014545	0.013083
0.00	0.035161	0.029246	0.024725	0.021416	0.018679	0.016475	0.014667
-100.00	0.027708	0.023841	0.020683	0.018279	0.016201	0.014478	0.013031
-200.00	0.021045	0.018990	0.017095	0.015439	0.013956	0.012669	0.011550
-300.00	0.017981	0.015718	0.013651	0.012588	0.011682	0.010825	0.010033
-400.00	0.018684	0.015138	0.012560	0.010893	0.009828	0.009008	0.008526
-500.00	0.018544	0.015481	0.012948	0.010942	0.009334	0.008056	0.007473
-600.00	0.018590	0.015285	0.012997	0.011126	0.009591	0.008326	0.007275
-700.00	0.016602	0.015191	0.012799	0.011096	0.009667	0.008466	0.007453
-800.00	0.014933	0.013741	0.012702	0.010909	0.009602	0.008483	0.007525
-900.00	0.013438	0.012517	0.011610	0.010817	0.009433	0.008405	0.007545
-1000.00	0.012114	0.011401	0.010679	0.009971	0.009349	0.008302	0.007476
-1100.00	0.010950	0.010396	0.009821	0.009243	0.008726	0.008227	0.007402
-1200.00	0.009928	0.009497	0.009038	0.008603	0.008147	0.007745	0.007344

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)								
	-1200.00	-1100.00	-1000.00	-900.00	-800.00	-700.00	-600.00	-500.00	-400.00
1200.00	0.120310	0.114818	0.108781	0.102033	0.094696	0.086848	0.078698	0.070775	0.072406
1100.00	0.119033	0.121866	0.115288	0.108177	0.100262	0.091670	0.082628	0.073482	0.070661
1000.00	0.116794	0.120150	0.122934	0.115109	0.106616	0.097240	0.087218	0.076940	0.068723
900.00	0.114396	0.117486	0.120750	0.123328	0.113867	0.103700	0.092631	0.081061	0.069549
800.00	0.111969	0.114663	0.117451	0.120418	0.122667	0.111188	0.098883	0.085162	0.071725
700.00	0.109592	0.111822	0.114031	0.116294	0.118771	0.120473	0.105394	0.090220	0.074704
600.00	0.107442	0.109164	0.110713	0.112134	0.113416	0.114132	0.114332	0.096405	0.079289
500.00	0.106310	0.106951	0.107800	0.108259	0.107586	0.106721	0.106277	0.105794	0.080046
400.00	0.112167	0.109468	0.107073	0.105348	0.102800	0.100037	0.097602	0.090310	0.083920
300.00	0.120653	0.117575	0.113612	0.107901	0.101902	0.096837	0.087553	0.076621	0.070734
200.00	0.130296	0.127155	0.122845	0.115675	0.107468	0.098346	0.083398	0.074001	0.064994
100.00	0.140953	0.138085	0.133779	0.126023	0.117036	0.106073	0.086896	0.072871	0.070088
0.00	0.152739	0.150534	0.146955	0.139308	0.130553	0.119740	0.099272	0.085768	0.088570
-100.00	0.140079	0.136608	0.131473	0.122515	0.112202	0.099563	0.078750	0.063840	0.060414
-200.00	0.126812	0.122367	0.116411	0.106790	0.095858	0.083586	0.065064	0.051251	0.040158
-300.00	0.114843	0.109828	0.103463	0.094342	0.084046	0.072527	0.059024	0.045498	0.036916
-400.00	0.104385	0.099226	0.093371	0.085559	0.077281	0.068829	0.060635	0.048961	0.039426
-500.00	0.095663	0.091354	0.086860	0.081603	0.074703	0.067530	0.061183	0.055041	0.039108
-600.00	0.090168	0.086682	0.082620	0.078079	0.072921	0.067342	0.062265	0.051069	0.039596
-700.00	0.085605	0.082426	0.078855	0.075033	0.071206	0.067242	0.057705	0.047515	0.037311
-800.00	0.081384	0.078545	0.075483	0.072372	0.069256	0.062020	0.053650	0.044390	0.035361
-900.00	0.077481	0.074992	0.072429	0.069816	0.063923	0.057139	0.049660	0.041727	0.033792
-1000.00	0.073883	0.071724	0.069500	0.064669	0.059066	0.052796	0.046011	0.038978	0.033913
-1100.00	0.070544	0.068611	0.064605	0.059958	0.054710	0.048938	0.042792	0.036507	0.037612
-1200.00	0.067353	0.064012	0.060118	0.055702	0.050807	0.045503	0.039931	0.034511	0.040947

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3
INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-300.00	-200.00	-100.00	X-COORD (METERS)		200.00	300.00	400.00	500.00
				0.00	100.00				
1200.00	0.075283	0.078915	0.083267	0.087352	0.075483	0.064024	0.053232	0.043376	0.035460
1100.00	0.073530	0.077342	0.082065	0.086497	0.073653	0.061348	0.049905	0.039704	0.035626
1000.00	0.071336	0.075349	0.080427	0.085370	0.071374	0.058163	0.046045	0.036068	0.036012
900.00	0.067904	0.071713	0.077281	0.082704	0.067638	0.053624	0.041204	0.034768	0.036471
800.00	0.063512	0.067378	0.073656	0.079668	0.063355	0.048484	0.036242	0.034599	0.036705
700.00	0.060760	0.062499	0.069228	0.075861	0.058048	0.042486	0.032882	0.034544	0.037044
600.00	0.061035	0.053132	0.059136	0.065475	0.047367	0.033542	0.031671	0.034689	0.037502
500.00	0.059330	0.046096	0.051346	0.056581	0.037625	0.027316	0.029344	0.033079	0.039013
400.00	0.061313	0.049813	0.050609	0.055127	0.031376	0.027287	0.029124	0.033468	0.035261
300.00	0.074197	0.064932	0.059796	0.066205	0.032835	0.033730	0.034854	0.031993	0.033071
200.00	0.075059	0.108621	0.105943	0.098895	0.052605	0.051528	0.038596	0.035135	0.037038
100.00	0.091117	0.144735	0.260883	0.217577	0.104590	0.077124	0.055369	0.047408	0.045818
0.00	0.118771	0.198084	0.473127	0.000000	0.230739	0.127274	0.085835	0.066115	0.059060
-100.00	0.075412	0.090336	0.107844	0.249947	0.141950	0.078388	0.055246	0.045823	0.043887
-200.00	0.041635	0.043319	0.044454	0.107966	0.093900	0.071100	0.045159	0.035200	0.033331
-300.00	0.030680	0.024459	0.031994	0.066725	0.064888	0.055442	0.047332	0.036470	0.032606
-400.00	0.026085	0.018944	0.029709	0.050132	0.046463	0.047057	0.042707	0.041128	0.037346
-500.00	0.026245	0.020115	0.031500	0.046610	0.043575	0.045763	0.043485	0.042776	0.044755
-600.00	0.027636	0.026959	0.037655	0.051292	0.047525	0.047171	0.048187	0.047538	0.046405
-700.00	0.028517	0.035680	0.047146	0.060872	0.055735	0.053026	0.052718	0.050063	0.048797
-800.00	0.032039	0.041436	0.052772	0.065426	0.060176	0.056327	0.054638	0.052808	0.051244
-900.00	0.037269	0.046636	0.057517	0.069403	0.063992	0.059646	0.056579	0.055384	0.053649
-1000.00	0.042032	0.051508	0.062041	0.073316	0.067764	0.063112	0.059356	0.057203	0.055299
-1100.00	0.045866	0.055167	0.065280	0.075858	0.070433	0.065613	0.061554	0.058370	0.056695
-1200.00	0.049159	0.058195	0.067849	0.077827	0.072540	0.067746	0.063578	0.060110	0.057872

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	600.00	700.00	800.00	900.00	1000.00	1100.00	1200.00
1200.00	0.036585	0.038014	0.039495	0.040979	0.042364	0.043682	0.044930
1100.00	0.037119	0.038770	0.040463	0.042112	0.043688	0.045206	0.044264
1000.00	0.037750	0.039653	0.041583	0.043437	0.045296	0.044389	0.043309
900.00	0.038498	0.040681	0.042868	0.045126	0.044289	0.043270	0.042339
800.00	0.039330	0.041873	0.044567	0.043901	0.043011	0.042159	0.041351
700.00	0.040008	0.043523	0.043125	0.042444	0.041763	0.041092	0.040439
600.00	0.041330	0.041521	0.041493	0.041123	0.040656	0.040163	0.039657
500.00	0.039309	0.039670	0.039954	0.040098	0.039827	0.039648	0.039678
400.00	0.037857	0.038476	0.039065	0.040135	0.040701	0.042093	0.043490
300.00	0.036462	0.039990	0.041492	0.043806	0.045799	0.047235	0.048470
200.00	0.040766	0.045514	0.047891	0.049972	0.051927	0.053057	0.053996
100.00	0.048678	0.053583	0.055456	0.057141	0.058716	0.059424	0.059950
0.00	0.059627	0.063630	0.064328	0.065257	0.066231	0.066290	0.066294
-100.00	0.046588	0.051841	0.054184	0.056326	0.058282	0.059257	0.059974
-200.00	0.035559	0.041216	0.044569	0.047575	0.050300	0.051970	0.053310
-300.00	0.032302	0.034150	0.036579	0.040050	0.043133	0.045336	0.047153
-400.00	0.037190	0.035901	0.035499	0.035915	0.037366	0.039519	0.041639
-500.00	0.041424	0.039899	0.039015	0.038510	0.037774	0.037132	0.037322
-600.00	0.046614	0.044295	0.043087	0.041871	0.040742	0.039758	0.038852
-700.00	0.048575	0.049357	0.047120	0.045437	0.043992	0.042709	0.041533
-800.00	0.050787	0.050865	0.051270	0.049082	0.047374	0.045829	0.044406
-900.00	0.052592	0.052212	0.052401	0.052881	0.050764	0.049002	0.047400
-1000.00	0.054075	0.053487	0.053422	0.053754	0.054225	0.052181	0.050369
-1100.00	0.055390	0.054647	0.054376	0.054480	0.054912	0.055334	0.053317
-1200.00	0.056523	0.055667	0.055237	0.055191	0.055392	0.055835	0.056203

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.140223	AT (	-1200.00, 0.00) GC	6.	0.124378	AT (	-1100.00, 100.00) GC
2.	0.136221	AT (	-1100.00, 0.00) GC	7.	0.124224	AT (	-1100.00, -100.00) GC
3.	0.130390	AT (	-1000.00, 0.00) GC	8.	0.119868	AT (	-900.00, 0.00) GC
4.	0.129121	AT (	-1200.00, -100.00) GC	9.	0.118530	AT (	-1200.00, 200.00) GC
5.	0.128910	AT (	-1200.00, 100.00) GC	10.	0.118004	AT (	-1000.00, 100.00) GC

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: 2 ***
 INCLUDING SOURCE(S): 11 ,

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.421341	AT (	-100.00, 0.00) GC	6.	0.169027	AT (	-200.00, 0.00) GC
2.	0.259620	AT (	-100.00, 100.00) GC	7.	0.143056	AT (	-200.00, 100.00) GC
3.	0.249678	AT (	0.00, -100.00) GC	8.	0.139798	AT (	100.00, -100.00) GC
4.	0.218289	AT (	100.00, 0.00) GC	9.	0.117302	AT (	200.00, 0.00) GC
5.	0.215823	AT (	0.00, 100.00) GC	10.	0.106456	AT (	-200.00, 200.00) GC

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.473127	AT (	-100.00, 0.00) GC	6.	0.198084	AT (	-200.00, 0.00) GC
2.	0.260883	AT (	-100.00, 100.00) GC	7.	0.152739	AT (	-1200.00, 0.00) GC
3.	0.249947	AT (	0.00, -100.00) GC	8.	0.150534	AT (	-1100.00, 0.00) GC
4.	0.230739	AT (	100.00, 0.00) GC	9.	0.146955	AT (	-1000.00, 0.00) GC
5.	0.217577	AT (	0.00, 100.00) GC	10.	0.144735	AT (	-200.00, 100.00) GC

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

*** ISCLT2 - VERSION 92062 ***

*** ENRON III STATION 21 MAX ANNUAL NOX 100 M GRID 2-11-93 1983
*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

*** 02/26/93
*** 13:25:44
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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** Message Summary For ISC2 Model Execution ***

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

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

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

***** WARNING MESSAGES *****
SO W320 26 PPARAM : Source Parameter May Be Out-of-Range for Parameter VS
SO W320 27 PPARAM : Source Parameter May Be Out-of-Range for Parameter VS

*** ISCLT2 Finishes Successfully ***

NO ECHO

*** Message Summary For ISC2 Model Setup ***

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

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

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

***** WARNING MESSAGES *****
SO W320 26 PPARAM : Source Parameter May Be Out-of-Range for Parameter VS
SO W320 27 PPARAM : Source Parameter May Be Out-of-Range for Parameter VS

*** SETUP Finishes Successfully ***

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

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

**Model Uses RURAL Dispersion.

**Model Uses Regulatory DEFAULT Options:

1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Default Wind Profile Exponents.
5. Default Vertical Potential Temperature Gradients.
6. "Upper Bound" Values For Supersquat Buildings.
7. No Exponential Decay for RURAL Mode

**Model Assumes Receptors on FLAT Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates 1 STAR Average(s) for the Following Months: 0 0 0 0 0 0 0 0 0 0 0 0
Seasons/Quarters: 0 0 0 0
and Annual: 1

**Model Assumes 1 STAR Summaries In Data File for the Averaging Periods Identified Above

**This Run Includes: 3 Source(s); 3 Source Group(s); and 625 Receptor(s)

**The Model Assumes A Pollutant Type of: NOX

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

**Output Options Selected:

- Model Outputs Tables of Long Term Values by Receptor (RECTABLE Keyword)
- Model Outputs Tables of Maximum Long Term Values (MAXTABLE Keyword)
- Model Outputs External File(s) of Long Term Values for Plotting (PLOTFILE Keyword)

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SECOND ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/CUBIC-METER

**Input Runstream File: st21n835.ann ; **Output Print File: st21n835.out

**Error Message File: st21n835.err

*** ISCLT2 - VERSION 92062 ***

*** ENRON III STATION 21 MAX ANNUAL NOX 500 M GRID 2-11-93 1983

*** 02/26/93

*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

*** 13:32:38

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (USER UNITS)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
1	0	0.11200E+01	0.0	0.0	0.0	15.24	763.72	55.43	1.01	YES	
2	0	0.11200E+01	0.0	-17.0	0.0	15.24	763.72	55.43	1.01	YES	
11	0	0.10000E-01	-20.0	5.0	0.0	6.10	894.27	44.10	0.09	YES	

*** ISCLT2 - VERSION 92062 ***

*** ENRON III STATION 21 MAX ANNUAL NOX 500 M GRID 2-11-93 1983
*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID

SOURCE IDs

1 1 , 2 ,

2 11 ,

3 1 , 2 , 11 ,

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: 1

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	9.1,	19.1,	0	2	9.1,	30.3,	0	3	9.1,	37.1,	0	4	9.1,	38.5,	0
5	9.1,	38.3,	0	6	9.1,	38.5,	0	7	9.1,	37.2,	0	8	9.1,	30.5,	0
9	9.1,	19.1,	0	10	9.1,	30.3,	0	11	9.1,	37.1,	0	12	9.1,	38.5,	0
13	9.1,	38.3,	0	14	9.1,	38.5,	0	15	9.1,	37.2,	0	16	9.1,	30.5,	0

SOURCE ID: 2

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	9.1,	19.1,	0	2	9.1,	30.3,	0	3	9.1,	37.1,	0	4	9.1,	38.5,	0
5	9.1,	38.3,	0	6	9.1,	38.5,	0	7	9.1,	37.2,	0	8	9.1,	30.5,	0
9	9.1,	19.1,	0	10	9.1,	30.3,	0	11	9.1,	37.1,	0	12	9.1,	38.5,	0
13	9.1,	38.3,	0	14	9.1,	38.5,	0	15	9.1,	37.2,	0	16	9.1,	30.5,	0

SOURCE ID: 11

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	5.7,	9.3,	0	2	5.7,	14.3,	0	3	9.1,	37.1,	0	4	9.1,	38.5,	0
5	9.1,	38.3,	0	6	9.1,	38.5,	0	7	9.1,	37.2,	0	8	9.1,	30.5,	0
9	5.7,	9.3,	0	10	5.7,	14.3,	0	11	9.1,	37.1,	0	12	9.1,	38.5,	0
13	9.1,	38.3,	0	14	9.1,	38.5,	0	15	9.1,	37.2,	0	16	9.1,	30.5,	0

*** ISCLT2 - VERSION 92062 ***

*** ENRON III STATION 21 MAX ANNUAL NOX 500 M GRID 2-11-93 1983

02/26/93

*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

13:32:38

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

PAGE 5

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***

(METERS)

-6000.0,	-5500.0,	-5000.0,	-4500.0,	-4000.0,	-3500.0,	-3000.0,	-2500.0,	-2000.0,	-1500.0,
-1000.0,	-500.0,	0.0,	500.0,	1000.0,	1500.0,	2000.0,	2500.0,	3000.0,	3500.0,
4000.0,	4500.0,	5000.0,	5500.0,	6000.0,					

*** Y-COORDINATES OF GRID ***

(METERS)

-6000.0,	-5500.0,	-5000.0,	-4500.0,	-4000.0,	-3500.0,	-3000.0,	-2500.0,	-2000.0,	-1500.0,
-1000.0,	-500.0,	0.0,	500.0,	1000.0,	1500.0,	2000.0,	2500.0,	3000.0,	3500.0,
4000.0,	4500.0,	5000.0,	5500.0,	6000.0,					

*** ISCLT2 - VERSION 92062 ***

*** ENRON III STATION 21 MAX ANNUAL NOX 500 M GRID 2-11-93 1983
*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

*** 02/26/93
*** 13:32:38
PAGE 6

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

* SOURCE-RECEPTOR COMBINATIONS LESS THAN 1.0 METER OR 3*ZLB *
IN DISTANCE. CALCULATIONS MAY NOT BE PERFORMED.

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
1	0.0 0.0	0.00

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** AVERAGE SPEED FOR EACH WIND SPEED CATEGORY ***
(METERS/SEC)

1.50, 2.50, 4.30, 6.80, 9.50, 12.50,

*** WIND PROFILE EXPONENTS ***

STABILITY CATEGORY	WIND SPEED CATEGORY					
	1	2	3	4	5	6
A	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01
B	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01
C	.10000E+00	.10000E+00	.10000E+00	.10000E+00	.10000E+00	.10000E+00
D	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
E	.35000E+00	.35000E+00	.35000E+00	.35000E+00	.35000E+00	.35000E+00
F	.55000E+00	.55000E+00	.55000E+00	.55000E+00	.55000E+00	.55000E+00

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
(DEGREES KELVIN PER METER)

STABILITY CATEGORY	WIND SPEED CATEGORY					
	1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

*** AVERAGE AMBIENT AIR TEMPERATURE (KELVIN) ***

	STABILITY CATEGORY A	STABILITY CATEGORY B	STABILITY CATEGORY C	STABILITY CATEGORY D	STABILITY CATEGORY E	STABILITY CATEGORY F
ANNUAL	301.4000	301.4000	301.4000	296.8000	292.2000	292.2000

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** FREQUENCY OF OCCURRENCE OF WIND SPEED, DIRECTION AND STABILITY ***

FILE: jfwpb83.Y

FORMAT: (6F10.6)

SURFACE STATION NO.: 12844

UPPER AIR STATION NO.: 12844

NAME: WESTPALMBEACH-FL

NAME: WESTPALMBEACH-FL

YEAR: 1983

YEAR: 1983

ANNUAL: STABILITY CATEGORY A

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00011000	0.00034300	0.00000000	0.00000000	0.00000000	0.00000000
22.500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
45.000	0.00007300	0.00022900	0.00000000	0.00000000	0.00000000	0.00000000
67.500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
90.000	0.00003700	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
112.500	0.00015100	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
135.000	0.00055700	0.00080000	0.00000000	0.00000000	0.00000000	0.00000000
157.500	0.00022400	0.00022900	0.00000000	0.00000000	0.00000000	0.00000000
180.000	0.00074900	0.00045700	0.00000000	0.00000000	0.00000000	0.00000000
202.500	0.00029700	0.00045700	0.00000000	0.00000000	0.00000000	0.00000000
225.000	0.00018800	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
247.500	0.00026000	0.00034300	0.00000000	0.00000000	0.00000000	0.00000000
270.000	0.00026000	0.00034300	0.00000000	0.00000000	0.00000000	0.00000000
292.500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
315.000	0.00003700	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
337.500	0.00026000	0.00034300	0.00000000	0.00000000	0.00000000	0.00000000

ANNUAL: STABILITY CATEGORY B

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00189600	0.00353900	0.00114200	0.00000000	0.00000000	0.00000000
22.500	0.00037600	0.00114200	0.00091400	0.00000000	0.00000000	0.00000000
45.000	0.00021300	0.00080000	0.00274000	0.00000000	0.00000000	0.00000000
67.500	0.00037600	0.00114200	0.00091400	0.00000000	0.00000000	0.00000000
90.000	0.00038800	0.00125600	0.00331100	0.00000000	0.00000000	0.00000000
112.500	0.00056300	0.00171300	0.00479500	0.00000000	0.00000000	0.00000000
135.000	0.00106900	0.00171300	0.00399600	0.00000000	0.00000000	0.00000000
157.500	0.00049000	0.00102800	0.00068500	0.00000000	0.00000000	0.00000000
180.000	0.00196600	0.00182700	0.00194100	0.00000000	0.00000000	0.00000000
202.500	0.00050200	0.00114200	0.00034300	0.00000000	0.00000000	0.00000000
225.000	0.00088900	0.00239800	0.00045700	0.00000000	0.00000000	0.00000000
247.500	0.00085700	0.00091400	0.00137000	0.00000000	0.00000000	0.00000000
270.000	0.00053900	0.00148500	0.00114200	0.00000000	0.00000000	0.00000000
292.500	0.00050200	0.00114200	0.00045700	0.00000000	0.00000000	0.00000000
315.000	0.00118700	0.00045700	0.00034300	0.00000000	0.00000000	0.00000000
337.500	0.00075500	0.00114200	0.00125600	0.00000000	0.00000000	0.00000000

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** FREQUENCY OF OCCURRENCE OF WIND SPEED, DIRECTION AND STABILITY ***

FILE: jfwpb83.Y

FORMAT: (6F10.6)

SURFACE STATION NO.: 12844

UPPER AIR STATION NO.: 12844

NAME: WESTPALMBEACH-FL

NAME: WESTPALMBEACH-FL

YEAR: 1983

YEAR: 1983

ANNUAL: STABILITY CATEGORY C

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00098400	0.00433800	0.00616500	0.00091400	0.00011500	0.00000000
22.500	0.00020200	0.00068500	0.00296900	0.00125600	0.00000000	0.00000000
45.000	0.00035400	0.00091400	0.00639300	0.00251200	0.00011500	0.00000000
67.500	0.00006300	0.00057100	0.00719200	0.00399600	0.00011500	0.00000000
90.000	0.00020100	0.00182700	0.01198700	0.00764900	0.00000000	0.00000000
112.500	0.00015100	0.00137000	0.01016000	0.00513700	0.00011500	0.00000000
135.000	0.00048000	0.00205500	0.01232900	0.00388200	0.00000000	0.00000000
157.500	0.00031500	0.00171300	0.00399600	0.00262600	0.00000000	0.00000000
180.000	0.00080800	0.00274000	0.00525200	0.00148500	0.00022900	0.00000000
202.500	0.00065800	0.00137000	0.00251200	0.00045700	0.00000000	0.00000000
225.000	0.00039200	0.00125600	0.00285400	0.00080000	0.00011500	0.00000000
247.500	0.00026500	0.00125600	0.00216900	0.00057100	0.00000000	0.00000000
270.000	0.00046700	0.00194100	0.00365300	0.00057100	0.00045700	0.00022900
292.500	0.00008800	0.00080000	0.00194100	0.00022900	0.00011500	0.00000000
315.000	0.00015100	0.00137000	0.00433800	0.00045700	0.00000000	0.00000000
337.500	0.00059400	0.00194100	0.00399600	0.00080000	0.00000000	0.00000000

ANNUAL: STABILITY CATEGORY D

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00070400	0.00376800	0.01221500	0.00924700	0.00080000	0.00000000
22.500	0.00017500	0.00091400	0.00445300	0.00593700	0.00022900	0.00000000
45.000	0.00019500	0.00125600	0.00627900	0.01232900	0.00251200	0.00022900
67.500	0.00016800	0.00080000	0.00970400	0.02465800	0.00376800	0.00102800
90.000	0.00021500	0.00159900	0.01917900	0.03264900	0.00331100	0.00296900
112.500	0.00017500	0.00091400	0.00993200	0.01175800	0.00022900	0.00000000
135.000	0.00023500	0.00194100	0.01232900	0.01963500	0.00137000	0.00000000
157.500	0.00022100	0.00171300	0.01038900	0.01655300	0.00216900	0.00000000
180.000	0.00079700	0.00536600	0.01335700	0.01164400	0.00114200	0.00000000
202.500	0.00022100	0.00171300	0.00525200	0.00296900	0.00080000	0.00000000
225.000	0.00071800	0.00194100	0.00468100	0.00548000	0.00114200	0.00000000
247.500	0.00022100	0.00171300	0.00308300	0.00456700	0.00068500	0.00034300
270.000	0.00055000	0.00319700	0.00399600	0.00867600	0.00239800	0.00034300
292.500	0.00012700	0.00216900	0.00308300	0.00490900	0.00194100	0.00022900
315.000	0.00018100	0.00102800	0.00685000	0.00936100	0.00034300	0.00000000
337.500	0.00024100	0.00205500	0.01084500	0.00787700	0.00045700	0.00000000

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** FREQUENCY OF OCCURRENCE OF WIND SPEED, DIRECTION AND STABILITY ***

FILE: jfwpb83.Y

FORMAT: (6F10.6)

SURFACE STATION NO.: 12844

UPPER AIR STATION NO.: 12844

NAME: WESTPALMBEACH-FL

NAME: WESTPALMBEACH-FL

YEAR: 1983

YEAR: 1983

ANNUAL: STABILITY CATEGORY E

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00000000	0.00924700	0.00388200	0.00000000	0.00000000	0.00000000
22.500	0.00000000	0.00137000	0.00171300	0.00000000	0.00000000	0.00000000
45.000	0.00000000	0.00216900	0.00479500	0.00000000	0.00000000	0.00000000
67.500	0.00000000	0.00171300	0.00879000	0.00000000	0.00000000	0.00000000
90.000	0.00000000	0.00593700	0.01198700	0.00000000	0.00000000	0.00000000
112.500	0.00000000	0.00605100	0.01107400	0.00000000	0.00000000	0.00000000
135.000	0.00000000	0.00513700	0.01187300	0.00000000	0.00000000	0.00000000
157.500	0.00000000	0.00388200	0.00411000	0.00000000	0.00000000	0.00000000
180.000	0.00000000	0.01358500	0.00353900	0.00000000	0.00000000	0.00000000
202.500	0.00000000	0.00673600	0.00125600	0.00000000	0.00000000	0.00000000
225.000	0.00000000	0.00411000	0.00148500	0.00000000	0.00000000	0.00000000
247.500	0.00000000	0.00468100	0.00194100	0.00000000	0.00000000	0.00000000
270.000	0.00000000	0.00685000	0.00513700	0.00000000	0.00000000	0.00000000
292.500	0.00000000	0.00285400	0.00376800	0.00000000	0.00000000	0.00000000
315.000	0.00000000	0.00639300	0.00742100	0.00000000	0.00000000	0.00000000
337.500	0.00000000	0.00513700	0.00525200	0.00000000	0.00000000	0.00000000

ANNUAL: STABILITY CATEGORY F

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.01026700	0.00650700	0.00000000	0.00000000	0.00000000	0.00000000
22.500	0.00201600	0.00171300	0.00000000	0.00000000	0.00000000	0.00000000
45.000	0.00182800	0.00205500	0.00000000	0.00000000	0.00000000	0.00000000
67.500	0.00180600	0.00285400	0.00000000	0.00000000	0.00000000	0.00000000
90.000	0.00328200	0.00479500	0.00000000	0.00000000	0.00000000	0.00000000
112.500	0.00540800	0.00810600	0.00000000	0.00000000	0.00000000	0.00000000
135.000	0.00770100	0.01016000	0.00000000	0.00000000	0.00000000	0.00000000
157.500	0.00767600	0.00319700	0.00000000	0.00000000	0.00000000	0.00000000
180.000	0.01446200	0.01038900	0.00000000	0.00000000	0.00000000	0.00000000
202.500	0.00602700	0.00422400	0.00000000	0.00000000	0.00000000	0.00000000
225.000	0.00722500	0.00582200	0.00000000	0.00000000	0.00000000	0.00000000
247.500	0.00733300	0.00353900	0.00000000	0.00000000	0.00000000	0.00000000
270.000	0.01391900	0.01232900	0.00000000	0.00000000	0.00000000	0.00000000
292.500	0.00767200	0.00490900	0.00000000	0.00000000	0.00000000	0.00000000
315.000	0.01019000	0.00844800	0.00000000	0.00000000	0.00000000	0.00000000
337.500	0.00951900	0.00787700	0.00000000	0.00000000	0.00000000	0.00000000

SUM OF FREQUENCIES, FTOTAL = 1.00015

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-6000.00	-5500.00	-5000.00	-4500.00	-4000.00	-3500.00	-3000.00	-2500.00	-2000.00
6000.00	0.047464	0.047141	0.046540	0.045617	0.044332	0.042623	0.040504	0.037999	0.042229
5500.00	0.048021	0.050916	0.050472	0.049661	0.048388	0.046644	0.044407	0.041677	0.043010
5000.00	0.048385	0.051506	0.054886	0.054204	0.053036	0.051321	0.048997	0.046037	0.043801
4500.00	0.048575	0.051843	0.055438	0.059358	0.058398	0.056794	0.054441	0.051266	0.047270
4000.00	0.048563	0.051907	0.055660	0.059899	0.064594	0.063230	0.060954	0.057618	0.053159
3500.00	0.048290	0.051705	0.055586	0.060019	0.065105	0.070825	0.068808	0.065439	0.060506
3000.00	0.047772	0.051222	0.055174	0.059735	0.065037	0.071234	0.078336	0.075132	0.069727
2500.00	0.047023	0.050451	0.054402	0.059000	0.064403	0.070817	0.078415	0.087206	0.081726
2000.00	0.051537	0.053036	0.054274	0.057810	0.063171	0.069587	0.077150	0.086456	0.097433
1500.00	0.056600	0.058988	0.061290	0.063365	0.065003	0.067528	0.074821	0.083740	0.094598
1000.00	0.061849	0.065247	0.068800	0.072430	0.075988	0.078957	0.081019	0.081194	0.089515
500.00	0.067144	0.071621	0.076549	0.081946	0.087779	0.093671	0.099515	0.104039	0.106076
0.00	0.072322	0.077885	0.084211	0.091437	0.099721	0.108901	0.119280	0.129959	0.140159
-500.00	0.066433	0.070976	0.076005	0.081553	0.087603	0.093813	0.100046	0.104933	0.106745
-1000.00	0.060128	0.063599	0.067283	0.071121	0.074984	0.078429	0.081106	0.081900	0.081377
-1500.00	0.053794	0.056248	0.058688	0.061003	0.063012	0.064688	0.066682	0.067193	0.065157
-2000.00	0.047615	0.049162	0.050536	0.052321	0.054257	0.055686	0.056125	0.055213	0.052491
-2500.00	0.041764	0.043427	0.044992	0.046345	0.047326	0.047715	0.047196	0.045508	0.041856
-3000.00	0.038106	0.039259	0.040235	0.040928	0.041198	0.040874	0.039780	0.037622	0.033891
-3500.00	0.034686	0.035411	0.035917	0.036111	0.035880	0.035105	0.033756	0.031437	0.027952
-4000.00	0.031525	0.031908	0.032052	0.031883	0.031317	0.030427	0.028896	0.026591	0.023424
-4500.00	0.028626	0.028751	0.028626	0.028203	0.027597	0.026551	0.024971	0.022781	0.019946
-5000.00	0.025996	0.025915	0.025606	0.025186	0.024451	0.023336	0.021784	0.019753	0.018682
-5500.00	0.023624	0.023387	0.023104	0.022590	0.021787	0.020661	0.019179	0.017320	0.020263
-6000.00	0.021492	0.021294	0.020922	0.020343	0.019523	0.018425	0.017033	0.015342	0.021398

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-1500.00	-1000.00	-500.00	X-COORD (METERS)		1000.00	1500.00	2000.00	2500.00
				0.00	500.00				
6000.00	0.046905	0.051773	0.056703	0.061547	0.053594	0.045677	0.038041	0.030885	0.024484
5500.00	0.048042	0.053344	0.058760	0.064099	0.055045	0.046076	0.037514	0.029613	0.025390
5000.00	0.049191	0.054964	0.060930	0.066845	0.056435	0.046193	0.036550	0.027826	0.026376
4500.00	0.050354	0.056621	0.063205	0.069795	0.057689	0.045890	0.034988	0.027726	0.027472
4000.00	0.051539	0.058291	0.065551	0.072945	0.058670	0.044960	0.032612	0.028926	0.028722
3500.00	0.054021	0.059758	0.067643	0.075907	0.058893	0.042901	0.030279	0.030324	0.030204
3000.00	0.062087	0.061118	0.069532	0.078807	0.058171	0.039399	0.031615	0.031937	0.032009
2500.00	0.072690	0.062048	0.070296	0.080520	0.055288	0.033632	0.033296	0.034111	0.034347
2000.00	0.087026	0.070991	0.069794	0.080895	0.049560	0.033230	0.035612	0.037148	0.034009
1500.00	0.107716	0.086427	0.066155	0.077056	0.038588	0.035030	0.039540	0.035850	0.033145
1000.00	0.100441	0.111775	0.065328	0.066390	0.028269	0.038779	0.036141	0.033982	0.032648
500.00	0.101711	0.094393	0.075720	0.017884	0.022547	0.031614	0.036554	0.041575	0.043824
0.00	0.144778	0.130390	0.039406	0.000000	0.015346	0.047552	0.055137	0.057545	0.057074
-500.00	0.100182	0.079404	0.043949	0.011405	0.021394	0.028439	0.035611	0.041551	0.044069
-1000.00	0.076139	0.065470	0.034853	0.057989	0.042511	0.044876	0.040016	0.035419	0.032762
-1500.00	0.060312	0.046647	0.037960	0.072045	0.053796	0.049966	0.051859	0.044385	0.038441
-2000.00	0.045735	0.034632	0.046110	0.075187	0.060243	0.052518	0.051844	0.052152	0.045056
-2500.00	0.035601	0.028587	0.049711	0.073428	0.061991	0.053267	0.051415	0.050773	0.050181
-3000.00	0.028421	0.032667	0.050902	0.070363	0.061588	0.054149	0.050323	0.049183	0.048397
-3500.00	0.023241	0.035001	0.050476	0.066537	0.059718	0.053600	0.048835	0.047596	0.046597
-4000.00	0.024120	0.036218	0.049414	0.062879	0.057461	0.052416	0.047943	0.045875	0.044857
-4500.00	0.026003	0.036601	0.047901	0.059304	0.054943	0.050770	0.046952	0.044179	0.043207
-5000.00	0.027208	0.036520	0.046286	0.056074	0.052494	0.049012	0.045748	0.042784	0.041634
-5500.00	0.027926	0.036147	0.044666	0.053164	0.050179	0.047240	0.044435	0.041828	0.040133
-6000.00	0.028294	0.035591	0.043086	0.050539	0.048015	0.045508	0.043080	0.040784	0.038704

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	3000.00	3500.00	4000.00	X-COORD (METERS)		5500.00	6000.00
				4500.00	5000.00		
6000.00	0.024194	0.023902	0.023591	0.023241	0.022877	0.022502	0.022117
5500.00	0.025094	0.024787	0.024466	0.024123	0.023728	0.023313	0.022349
5000.00	0.026079	0.025760	0.025417	0.025051	0.024656	0.023552	0.022538
4500.00	0.027181	0.026849	0.026478	0.026075	0.024851	0.023733	0.022690
4000.00	0.028445	0.028098	0.027690	0.026253	0.024971	0.023832	0.022801
3500.00	0.029945	0.029571	0.027851	0.026346	0.025033	0.023876	0.022845
3000.00	0.031794	0.029689	0.027894	0.026363	0.025040	0.023878	0.022847
2500.00	0.031782	0.029636	0.027833	0.026309	0.024996	0.023846	0.022825
2000.00	0.031457	0.029431	0.027682	0.026199	0.025525	0.026163	0.026598
1500.00	0.030935	0.029089	0.029418	0.030178	0.030637	0.030866	0.030920
1000.00	0.034728	0.035832	0.036380	0.036445	0.036279	0.035957	0.035528
500.00	0.044810	0.044639	0.044100	0.043223	0.042269	0.041289	0.040305
0.00	0.055961	0.054033	0.052145	0.050176	0.048356	0.046671	0.045104
-500.00	0.045157	0.045005	0.044459	0.043568	0.042596	0.041596	0.040593
-1000.00	0.035078	0.036265	0.036843	0.036914	0.036739	0.036400	0.035951
-1500.00	0.033604	0.029722	0.029994	0.030776	0.031233	0.031447	0.031479
-2000.00	0.039189	0.034507	0.030669	0.027566	0.026256	0.026879	0.027291
-2500.00	0.043944	0.038731	0.034430	0.030908	0.028002	0.025581	0.023555
-3000.00	0.047540	0.042165	0.037654	0.033878	0.030710	0.028037	0.025767
-3500.00	0.045709	0.044795	0.040264	0.036385	0.033071	0.030235	0.027798
-4000.00	0.043968	0.043139	0.042273	0.038411	0.035050	0.032131	0.029580
-4500.00	0.042349	0.041554	0.040786	0.039979	0.036650	0.033705	0.031062
-5000.00	0.040825	0.040074	0.039352	0.038642	0.037882	0.034921	0.032281
-5500.00	0.039382	0.038680	0.038006	0.037336	0.036613	0.035844	0.033252
-6000.00	0.038011	0.037361	0.036724	0.036051	0.035378	0.034703	0.033996

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2
 INCLUDING SOURCE(S): 11

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-6000.00	-5500.00	-5000.00	X-COORD (METERS)		-3500.00	-3000.00	-2500.00	-2000.00
				-4500.00	-4000.00				
6000.00	0.000812	0.000830	0.000849	0.000862	0.000868	0.000864	0.000846	0.000816	0.000994
5500.00	0.000846	0.000922	0.000944	0.000966	0.000979	0.000984	0.000974	0.000946	0.001050
5000.00	0.000878	0.000963	0.001059	0.001084	0.001113	0.001130	0.001130	0.001108	0.001101
4500.00	0.000907	0.001002	0.001109	0.001233	0.001271	0.001306	0.001323	0.001313	0.001267
4000.00	0.000931	0.001035	0.001159	0.001303	0.001468	0.001518	0.001560	0.001573	0.001541
3500.00	0.000948	0.001064	0.001203	0.001367	0.001561	0.001788	0.001856	0.001908	0.001906
3000.00	0.000955	0.001082	0.001236	0.001421	0.001646	0.001918	0.002245	0.002340	0.002397
2500.00	0.000958	0.001086	0.001251	0.001456	0.001711	0.002030	0.002433	0.002933	0.003078
2000.00	0.000991	0.001112	0.001256	0.001462	0.001742	0.002107	0.002585	0.003228	0.004074
1500.00	0.001025	0.001159	0.001322	0.001523	0.001776	0.002115	0.002665	0.003442	0.004544
1000.00	0.001048	0.001192	0.001369	0.001594	0.001883	0.002262	0.002785	0.003524	0.004839
500.00	0.001058	0.001207	0.001394	0.001633	0.001947	0.002370	0.002977	0.003857	0.005311
0.00	0.001060	0.001211	0.001401	0.001647	0.001972	0.002415	0.003063	0.004036	0.005715
-500.00	0.000957	0.001083	0.001238	0.001432	0.001683	0.002009	0.002461	0.003082	0.004024
-1000.00	0.000857	0.000957	0.001077	0.001221	0.001397	0.001607	0.001866	0.002173	0.002617
-1500.00	0.000752	0.000826	0.000910	0.001004	0.001107	0.001206	0.001415	0.001668	0.001958
-2000.00	0.000647	0.000695	0.000746	0.000812	0.000915	0.001036	0.001170	0.001316	0.001420
-2500.00	0.000543	0.000592	0.000652	0.000720	0.000795	0.000876	0.000957	0.001013	0.001065
-3000.00	0.000494	0.000536	0.000583	0.000632	0.000684	0.000735	0.000770	0.000804	0.000830
-3500.00	0.000451	0.000483	0.000518	0.000553	0.000587	0.000609	0.000634	0.000656	0.000661
-4000.00	0.000409	0.000433	0.000458	0.000482	0.000498	0.000516	0.000534	0.000542	0.000536
-4500.00	0.000370	0.000388	0.000405	0.000416	0.000430	0.000445	0.000454	0.000454	0.000442
-5000.00	0.000334	0.000347	0.000356	0.000366	0.000377	0.000386	0.000389	0.000384	0.000417
-5500.00	0.000302	0.000308	0.000317	0.000326	0.000333	0.000337	0.000336	0.000329	0.000452
-6000.00	0.000271	0.000277	0.000285	0.000291	0.000295	0.000296	0.000293	0.000286	0.000466

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2
 INCLUDING SOURCE(S): 11

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-1500.00	-1000.00	-500.00	X-COORD (METERS) 0.00	500.00	1000.00	1500.00	2000.00	2500.00
6000.00	0.001191	0.001391	0.001585	0.001748	0.001527	0.001298	0.001069	0.000847	0.000658
5500.00	0.001290	0.001536	0.001777	0.001978	0.001704	0.001421	0.001140	0.000870	0.000742
5000.00	0.001398	0.001706	0.002010	0.002264	0.001917	0.001561	0.001209	0.000877	0.000842
4500.00	0.001513	0.001906	0.002299	0.002626	0.002178	0.001718	0.001270	0.000990	0.000964
4000.00	0.001626	0.002141	0.002662	0.003097	0.002499	0.001889	0.001308	0.001158	0.001114
3500.00	0.001817	0.002413	0.003132	0.003733	0.002905	0.002069	0.001417	0.001372	0.001297
3000.00	0.002350	0.002720	0.003752	0.004622	0.003419	0.002226	0.001742	0.001648	0.001523
2500.00	0.003126	0.003028	0.004586	0.005950	0.004079	0.002313	0.002186	0.002006	0.001815
2000.00	0.004272	0.004242	0.005751	0.008052	0.004873	0.003077	0.002797	0.002493	0.002040
1500.00	0.006202	0.006576	0.007267	0.011710	0.005565	0.004334	0.003729	0.002848	0.002242
1000.00	0.007163	0.011159	0.011611	0.018980	0.007742	0.006516	0.004464	0.003160	0.002538
500.00	0.007786	0.013407	0.030073	0.038697	0.016466	0.008214	0.006182	0.004939	0.003957
0.00	0.008883	0.016565	0.046362	0.000000	0.043714	0.018679	0.010889	0.007390	0.005396
-500.00	0.005400	0.007456	0.011092	0.035205	0.023361	0.009334	0.006321	0.005020	0.004009
-1000.00	0.003366	0.004030	0.004124	0.015327	0.012788	0.009349	0.005609	0.003613	0.002659
-1500.00	0.002194	0.002326	0.003530	0.009090	0.007795	0.006704	0.005384	0.003733	0.002736
-2000.00	0.001497	0.001502	0.003259	0.006140	0.005538	0.004881	0.004228	0.003611	0.002739
-2500.00	0.001090	0.001173	0.002787	0.004487	0.004161	0.003703	0.003399	0.003011	0.002632
-3000.00	0.000821	0.001288	0.002363	0.003461	0.003283	0.002975	0.002756	0.002524	0.002274
-3500.00	0.000636	0.001267	0.002023	0.002780	0.002665	0.002468	0.002274	0.002137	0.001970
-4000.00	0.000678	0.001196	0.001748	0.002296	0.002219	0.002087	0.001918	0.001825	0.001714
-4500.00	0.000711	0.001110	0.001529	0.001941	0.001885	0.001792	0.001671	0.001575	0.001500
-5000.00	0.000709	0.001024	0.001350	0.001668	0.001627	0.001559	0.001470	0.001366	0.001322
-5500.00	0.000690	0.000943	0.001202	0.001454	0.001423	0.001372	0.001304	0.001224	0.001173
-6000.00	0.000663	0.000869	0.001078	0.001282	0.001258	0.001218	0.001166	0.001104	0.001047

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2
 INCLUDING SOURCE(S): 11

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)						
	3000.00	3500.00	4000.00	4500.00	5000.00	5500.00	6000.00
6000.00	0.000648	0.000632	0.000613	0.000590	0.000566	0.000541	0.000518
5500.00	0.000725	0.000702	0.000675	0.000646	0.000615	0.000586	0.000545
5000.00	0.000817	0.000783	0.000745	0.000706	0.000672	0.000619	0.000572
4500.00	0.000925	0.000878	0.000827	0.000779	0.000712	0.000653	0.000598
4000.00	0.001054	0.000987	0.000924	0.000834	0.000754	0.000683	0.000623
3500.00	0.001207	0.001120	0.000997	0.000889	0.000795	0.000713	0.000645
3000.00	0.001399	0.001221	0.001069	0.000940	0.000832	0.000740	0.000662
2500.00	0.001544	0.001319	0.001136	0.000985	0.000862	0.000760	0.000686
2000.00	0.001681	0.001405	0.001188	0.001017	0.000932	0.000897	0.000855
1500.00	0.001791	0.001466	0.001380	0.001297	0.001207	0.001120	0.001038
1000.00	0.002321	0.002080	0.001859	0.001663	0.001494	0.001349	0.001224
500.00	0.003285	0.002752	0.002349	0.002032	0.001780	0.001575	0.001407
0.00	0.004227	0.003403	0.002820	0.002387	0.002054	0.001793	0.001582
-500.00	0.003323	0.002780	0.002370	0.002048	0.001792	0.001585	0.001415
-1000.00	0.002403	0.002140	0.001905	0.001699	0.001522	0.001372	0.001243
-1500.00	0.002053	0.001588	0.001447	0.001349	0.001249	0.001154	0.001066
-2000.00	0.002129	0.001690	0.001365	0.001120	0.000985	0.000941	0.000892
-2500.00	0.002106	0.001713	0.001411	0.001175	0.000991	0.000844	0.000735
-3000.00	0.002033	0.001684	0.001413	0.001196	0.001020	0.000878	0.000762
-3500.00	0.001796	0.001630	0.001386	0.001190	0.001028	0.000894	0.000784
-4000.00	0.001591	0.001465	0.001346	0.001167	0.001020	0.000896	0.000794
-4500.00	0.001412	0.001319	0.001225	0.001135	0.001001	0.000890	0.000793
-5000.00	0.001259	0.001189	0.001116	0.001045	0.000980	0.000875	0.000785
-5500.00	0.001127	0.001075	0.001020	0.000965	0.000909	0.000856	0.000772
-6000.00	0.001014	0.000978	0.000936	0.000891	0.000845	0.000799	0.000756

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-6000.00	-5500.00	-5000.00	-4500.00	-4000.00	-3500.00	-3000.00	-2500.00	-2000.00
6000.00	0.048276	0.047971	0.047389	0.046479	0.045201	0.043487	0.041351	0.038814	0.043223
5500.00	0.048867	0.051838	0.051416	0.050627	0.049367	0.047627	0.045382	0.042623	0.044060
5000.00	0.049262	0.052470	0.055945	0.055289	0.054149	0.052451	0.050127	0.047145	0.044902
4500.00	0.049481	0.052846	0.056547	0.060590	0.059669	0.058100	0.055763	0.052579	0.048537
4000.00	0.049494	0.052942	0.056819	0.061202	0.066062	0.064748	0.062514	0.059192	0.054699
3500.00	0.049238	0.052769	0.056789	0.061387	0.066667	0.072613	0.070664	0.067346	0.062412
3000.00	0.048727	0.052304	0.056410	0.061156	0.066682	0.073152	0.080581	0.077472	0.072124
2500.00	0.047981	0.051537	0.055653	0.060455	0.066114	0.072847	0.080847	0.090139	0.084804
2000.00	0.052529	0.054148	0.055531	0.059273	0.064913	0.071694	0.079735	0.089684	0.101508
1500.00	0.057626	0.060147	0.062611	0.064888	0.066779	0.069643	0.077486	0.087182	0.099142
1000.00	0.062898	0.066438	0.070169	0.074024	0.077872	0.081219	0.083804	0.084718	0.094355
500.00	0.068202	0.072828	0.077942	0.083579	0.089726	0.096041	0.102492	0.107896	0.111386
0.00	0.073383	0.079096	0.085612	0.093084	0.101693	0.111317	0.122343	0.133995	0.145874
-500.00	0.067390	0.072059	0.077243	0.082985	0.089285	0.095823	0.102507	0.108014	0.110769
-1000.00	0.060985	0.064556	0.068360	0.072342	0.076381	0.080036	0.082972	0.084073	0.083994
-1500.00	0.054547	0.057074	0.059598	0.062007	0.064118	0.065893	0.068098	0.068860	0.067115
-2000.00	0.048261	0.049857	0.051281	0.053132	0.055172	0.056721	0.057295	0.056529	0.053911
-2500.00	0.042308	0.044019	0.045644	0.047064	0.048121	0.048590	0.048153	0.046521	0.042920
-3000.00	0.038600	0.039795	0.040817	0.041561	0.041883	0.041609	0.040550	0.038426	0.034721
-3500.00	0.035137	0.035894	0.036435	0.036664	0.036467	0.035715	0.034390	0.032093	0.028612
-4000.00	0.031934	0.032342	0.032510	0.032365	0.031815	0.030943	0.029430	0.027134	0.023959
-4500.00	0.028996	0.029139	0.029031	0.028619	0.028027	0.026995	0.025424	0.023234	0.020388
-5000.00	0.026330	0.026262	0.025962	0.025552	0.024828	0.023722	0.022172	0.020137	0.019099
-5500.00	0.023925	0.023695	0.023421	0.022916	0.022119	0.020998	0.019515	0.017648	0.020715
-6000.00	0.021763	0.021571	0.021207	0.020634	0.019818	0.018721	0.017326	0.015629	0.021864

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)								
	-1500.00	-1000.00	-500.00	0.00	500.00	1000.00	1500.00	2000.00	2500.00
6000.00	0.048097	0.053164	0.058288	0.063295	0.055120	0.046976	0.039110	0.031732	0.025141
5500.00	0.049332	0.054880	0.060537	0.066078	0.056749	0.047497	0.038654	0.030483	0.026131
5000.00	0.050590	0.056671	0.062940	0.069110	0.058353	0.047754	0.037760	0.028703	0.027219
4500.00	0.051866	0.058527	0.065504	0.072421	0.059867	0.047608	0.036258	0.028715	0.028436
4000.00	0.053165	0.060432	0.068214	0.076042	0.061169	0.046850	0.033920	0.030085	0.029835
3500.00	0.055838	0.062171	0.070775	0.079641	0.061798	0.044970	0.031696	0.031696	0.031501
3000.00	0.064437	0.063837	0.073284	0.083430	0.061590	0.041625	0.033357	0.033585	0.033533
2500.00	0.075816	0.065076	0.074882	0.086470	0.059367	0.035945	0.035482	0.036117	0.036162
2000.00	0.091299	0.075233	0.075546	0.088947	0.054433	0.036306	0.038409	0.039642	0.036049
1500.00	0.113918	0.093002	0.073422	0.088766	0.044153	0.039365	0.043269	0.038698	0.035387
1000.00	0.107604	0.122934	0.076940	0.085370	0.036012	0.045296	0.040605	0.037143	0.035185
500.00	0.109497	0.107800	0.105794	0.056581	0.039013	0.039827	0.042736	0.046514	0.047781
0.00	0.153660	0.146955	0.085768	0.000000	0.059060	0.066231	0.066026	0.064935	0.062469
-500.00	0.105582	0.086860	0.055041	0.046610	0.044755	0.037774	0.041932	0.046571	0.048079
-1000.00	0.079504	0.069500	0.038978	0.073316	0.055299	0.054225	0.045625	0.039033	0.035422
-1500.00	0.062506	0.048972	0.041491	0.081134	0.061591	0.056671	0.057242	0.048117	0.041176
-2000.00	0.047232	0.036133	0.049369	0.081327	0.065781	0.057399	0.056071	0.055763	0.047795
-2500.00	0.036692	0.029761	0.052498	0.077915	0.066152	0.056970	0.054814	0.053785	0.052813
-3000.00	0.029243	0.033955	0.053266	0.073824	0.064871	0.057124	0.053079	0.051707	0.050671
-3500.00	0.023878	0.036268	0.052499	0.069316	0.062383	0.056068	0.051109	0.049733	0.048567
-4000.00	0.024798	0.037413	0.051162	0.065175	0.059680	0.054503	0.049860	0.047700	0.046571
-4500.00	0.026714	0.037712	0.049430	0.061245	0.056828	0.052562	0.048623	0.045754	0.044707
-5000.00	0.027918	0.037545	0.047636	0.057742	0.054121	0.050571	0.047217	0.044150	0.042956
-5500.00	0.028616	0.037090	0.045868	0.054619	0.051602	0.048612	0.045738	0.043052	0.041306
-6000.00	0.028957	0.036460	0.044164	0.051822	0.049273	0.046726	0.044246	0.041888	0.039751

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	3000.00	3500.00	4000.00	X-COORD (METERS)			6000.00
				4500.00	5000.00	5500.00	
6000.00	0.024842	0.024534	0.024204	0.023832	0.023444	0.023043	0.022635
5500.00	0.025819	0.025489	0.025141	0.024769	0.024342	0.023899	0.022893
5000.00	0.026896	0.026543	0.026162	0.025757	0.025327	0.024172	0.023110
4500.00	0.028106	0.027727	0.027305	0.026853	0.025563	0.024386	0.023288
4000.00	0.029499	0.029085	0.028614	0.027087	0.025724	0.024515	0.023424
3500.00	0.031152	0.030691	0.028848	0.027234	0.025828	0.024590	0.023490
3000.00	0.033192	0.030910	0.028963	0.027304	0.025871	0.024618	0.023509
2500.00	0.033326	0.030956	0.028969	0.027294	0.025858	0.024606	0.023510
2000.00	0.033138	0.030836	0.028871	0.027216	0.026457	0.027060	0.027454
1500.00	0.032726	0.030555	0.030798	0.031475	0.031845	0.031986	0.031958
1000.00	0.037050	0.037912	0.038240	0.038109	0.037774	0.037306	0.036752
500.00	0.048095	0.047392	0.046449	0.045255	0.044049	0.042864	0.041712
0.00	0.060188	0.057435	0.054965	0.052562	0.050410	0.048464	0.046687
-500.00	0.048479	0.047785	0.046829	0.045616	0.044388	0.043181	0.042008
-1000.00	0.037482	0.038405	0.038748	0.038613	0.038261	0.037772	0.037194
-1500.00	0.035658	0.031310	0.031441	0.032126	0.032483	0.032601	0.032545
-2000.00	0.041319	0.036197	0.032033	0.028686	0.027241	0.027820	0.028182
-2500.00	0.046050	0.040444	0.035841	0.032084	0.028993	0.026425	0.024290
-3000.00	0.049572	0.043849	0.039067	0.035073	0.031730	0.028915	0.026529
-3500.00	0.047505	0.046425	0.041650	0.037575	0.034099	0.031128	0.028582
-4000.00	0.045559	0.044604	0.043619	0.039577	0.036070	0.033027	0.030374
-4500.00	0.043762	0.042872	0.042011	0.041115	0.037651	0.034596	0.031855
-5000.00	0.042084	0.041263	0.040468	0.039688	0.038861	0.035795	0.033066
-5500.00	0.040509	0.039755	0.039026	0.038301	0.037522	0.036700	0.034023
-6000.00	0.039026	0.038339	0.037659	0.036941	0.036222	0.035502	0.034752

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.144778	AT (	-1500.00, 0.00) GC	6.	0.111775	AT (	-1000.00, 1000.00) GC
2.	0.140159	AT (	-2000.00, 0.00) GC	7.	0.108901	AT (	-3500.00, 0.00) GC
3.	0.130390	AT (	-1000.00, 0.00) GC	8.	0.107716	AT (	-1500.00, 1500.00) GC
4.	0.129959	AT (	-2500.00, 0.00) GC	9.	0.106745	AT (	-2000.00, -500.00) GC
5.	0.119280	AT (	-3000.00, 0.00) GC	10.	0.106076	AT (	-2000.00, 500.00) GC

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: 2 ***
 INCLUDING SOURCE(S): 11 ,

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.046362	AT (	-500.00, 0.00) GC	6.	0.023361	AT (	500.00, -500.00) GC
2.	0.043714	AT (	500.00, 0.00) GC	7.	0.018980	AT (	0.00, 1000.00) GC
3.	0.038697	AT (	0.00, 500.00) GC	8.	0.018679	AT (	1000.00, 0.00) GC
4.	0.035205	AT (	0.00, -500.00) GC	9.	0.016565	AT (	-1000.00, 0.00) GC
5.	0.030073	AT (	-500.00, 500.00) GC	10.	0.016466	AT (	500.00, 500.00) GC

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.153660	AT (	-1500.00, 0.00) GC	6.	0.122343	AT (	-3000.00, 0.00) GC
2.	0.146955	AT (	-1000.00, 0.00) GC	7.	0.113918	AT (	-1500.00, 1500.00) GC
3.	0.145874	AT (	-2000.00, 0.00) GC	8.	0.111386	AT (	-2000.00, 500.00) GC
4.	0.133995	AT (	-2500.00, 0.00) GC	9.	0.111317	AT (	-3500.00, 0.00) GC
5.	0.122934	AT (	-1000.00, 1000.00) GC	10.	0.110769	AT (	-2000.00, -500.00) GC

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

ISC MODEL RESULTS
NO_x ANNUAL
100 METER GRID
YEAR 1984

NO ECHO

*** Message Summary For ISC2 Model Setup ***

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

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

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

***** WARNING MESSAGES *****
SO W320 26 PPARM : Source Parameter May Be Out-of-Range for Parameter VS
SO W320 27 PPARM : Source Parameter May Be Out-of-Range for Parameter VS

*** SETUP Finishes Successfully ***

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

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

**Model Uses RURAL Dispersion.

**Model Uses Regulatory DEFAULT Options:

- 1. Final Plume Rise.
- 2. Stack-tip Downwash.
- 3. Buoyancy-induced Dispersion.
- 4. Default Wind Profile Exponents.
- 5. Default Vertical Potential Temperature Gradients.
- 6. "Upper Bound" Values For Supersquat Buildings.
- 7. No Exponential Decay for RURAL Mode

**Model Assumes Receptors on FLAT Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates 1 STAR Average(s) for the Following Months: 0 0 0 0 0 0 0 0 0 0 0 0
 Seasons/Quarters: 0 0 0 0
 and Annual: 1

**Model Assumes 1 STAR Summaries In Data File for the Averaging Periods Identified Above

**This Run Includes: 3 Source(s); 3 Source Group(s); and 625 Receptor(s)

**The Model Assumes A Pollutant Type of: NOX

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

**Output Options Selected:

- Model Outputs Tables of Long Term Values by Receptor (RECTABLE Keyword)
- Model Outputs Tables of Maximum Long Term Values (MAXTABLE Keyword)
- Model Outputs External File(s) of Long Term Values for Plotting (PLOTFILE Keyword)

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SECOND ; Emission Rate Unit Factor = 0.10000E+07
 Output Units = MICROGRAMS/CUBIC-METER

**Input Runstream File: st21n841.ann ; **Output Print File: st21n841.out

**Error Message File: st21n84.err

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (USER UNITS)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
1	0	0.11200E+01	0.0	0.0	0.0	15.24	763.72	55.43	1.01	YES	
2	0	0.11200E+01	0.0	-17.0	0.0	15.24	763.72	55.43	1.01	YES	
11	0	0.10000E-01	-20.0	5.0	0.0	6.10	894.27	44.10	0.09	YES	

*** ISCLT2 - VERSION 92062 ***

*** ENRON III STATION 21 MAX ANNUAL NOX 100 M GRID 2-11-93 1984

02/26/93

*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

13:27:08

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

PAGE 3

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID

SOURCE IDs

1 1 , 2 ,

2 11 ,

3 1 , 2 , 11 ,

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: 1

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	9.1,	19.1,	0	2	9.1,	30.3,	0	3	9.1,	37.1,	0	4	9.1,	38.5,	0
5	9.1,	38.3,	0	6	9.1,	38.5,	0	7	9.1,	37.2,	0	8	9.1,	30.5,	0
9	9.1,	19.1,	0	10	9.1,	30.3,	0	11	9.1,	37.1,	0	12	9.1,	38.5,	0
13	9.1,	38.3,	0	14	9.1,	38.5,	0	15	9.1,	37.2,	0	16	9.1,	30.5,	0

SOURCE ID: 2

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	9.1,	19.1,	0	2	9.1,	30.3,	0	3	9.1,	37.1,	0	4	9.1,	38.5,	0
5	9.1,	38.3,	0	6	9.1,	38.5,	0	7	9.1,	37.2,	0	8	9.1,	30.5,	0
9	9.1,	19.1,	0	10	9.1,	30.3,	0	11	9.1,	37.1,	0	12	9.1,	38.5,	0
13	9.1,	38.3,	0	14	9.1,	38.5,	0	15	9.1,	37.2,	0	16	9.1,	30.5,	0

SOURCE ID: 11

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	5.7,	9.3,	0	2	5.7,	14.3,	0	3	9.1,	37.1,	0	4	9.1,	38.5,	0
5	9.1,	38.3,	0	6	9.1,	38.5,	0	7	9.1,	37.2,	0	8	9.1,	30.5,	0
9	5.7,	9.3,	0	10	5.7,	14.3,	0	11	9.1,	37.1,	0	12	9.1,	38.5,	0
13	9.1,	38.3,	0	14	9.1,	38.5,	0	15	9.1,	37.2,	0	16	9.1,	30.5,	0

*** ISCLT2 - VERSION 92062 ***

*** ENRON III STATION 21 MAX ANNUAL NOX 100 M GRID 2-11-93 1984
*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

*** 02/26/93
*** 13:27:08
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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

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

-1200.0,	-1100.0,	-1000.0,	-900.0,	-800.0,	-700.0,	-600.0,	-500.0,	-400.0,	-300.0,
-200.0,	-100.0,	0.0,	100.0,	200.0,	300.0,	400.0,	500.0,	600.0,	700.0,
800.0,	900.0,	1000.0,	1100.0,	1200.0,					

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

-1200.0,	-1100.0,	-1000.0,	-900.0,	-800.0,	-700.0,	-600.0,	-500.0,	-400.0,	-300.0,
-200.0,	-100.0,	0.0,	100.0,	200.0,	300.0,	400.0,	500.0,	600.0,	700.0,
800.0,	900.0,	1000.0,	1100.0,	1200.0,					

*** ISCLT2 - VERSION 92062 ***

*** ENRON III STATION 21 MAX ANNUAL NOX 100 M GRID 2-11-93 1984
*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

* SOURCE-RECEPTOR COMBINATIONS LESS THAN 1.0 METER OR 3*ZLB *
IN DISTANCE. CALCULATIONS MAY NOT BE PERFORMED.

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
1	0.0	0.0	0.00

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** AVERAGE SPEED FOR EACH WIND SPEED CATEGORY ***
 (METERS/SEC)

1.50, 2.50, 4.30, 6.80, 9.50, 12.50,

*** WIND PROFILE EXPONENTS ***

STABILITY CATEGORY	WIND SPEED CATEGORY					
	1	2	3	4	5	6
A	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01
B	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01
C	.10000E+00	.10000E+00	.10000E+00	.10000E+00	.10000E+00	.10000E+00
D	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
E	.35000E+00	.35000E+00	.35000E+00	.35000E+00	.35000E+00	.35000E+00
F	.55000E+00	.55000E+00	.55000E+00	.55000E+00	.55000E+00	.55000E+00

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
 (DEGREES KELVIN PER METER)

STABILITY CATEGORY	WIND SPEED CATEGORY					
	1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

*** AVERAGE AMBIENT AIR TEMPERATURE (KELVIN) ***

	STABILITY CATEGORY A	STABILITY CATEGORY B	STABILITY CATEGORY C	STABILITY CATEGORY D	STABILITY CATEGORY E	STABILITY CATEGORY F
ANNUAL	301.4000	301.4000	301.4000	296.8000	292.2000	292.2000

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** FREQUENCY OF OCCURRENCE OF WIND SPEED, DIRECTION AND STABILITY ***

FILE: jfwpb84.Y

FORMAT: (6F10.6)

SURFACE STATION NO.: 12844

UPPER AIR STATION NO.: 12844

NAME: WESTPALMBEACH-FL

NAME: WESTPALMBEACH-FL

YEAR: 1984

YEAR: 1984

ANNUAL: STABILITY CATEGORY A

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00017300	0.00022800	0.00000000	0.00000000	0.00000000	0.00000000
22.500	0.00008700	0.00011400	0.00000000	0.00000000	0.00000000	0.00000000
45.000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
67.500	0.00017300	0.00022800	0.00000000	0.00000000	0.00000000	0.00000000
90.000	0.00037300	0.00022800	0.00000000	0.00000000	0.00000000	0.00000000
112.500	0.00037300	0.00022800	0.00000000	0.00000000	0.00000000	0.00000000
135.000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
157.500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
180.000	0.00017300	0.00022800	0.00000000	0.00000000	0.00000000	0.00000000
202.500	0.00037300	0.00022800	0.00000000	0.00000000	0.00000000	0.00000000
225.000	0.00054600	0.00045600	0.00000000	0.00000000	0.00000000	0.00000000
247.500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
270.000	0.00026000	0.00034200	0.00000000	0.00000000	0.00000000	0.00000000
292.500	0.00020100	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
315.000	0.00017300	0.00022800	0.00000000	0.00000000	0.00000000	0.00000000
337.500	0.00017300	0.00022800	0.00000000	0.00000000	0.00000000	0.00000000

ANNUAL: STABILITY CATEGORY B

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00195600	0.00250500	0.00125300	0.00000000	0.00000000	0.00000000
22.500	0.00095300	0.00113900	0.00034200	0.00000000	0.00000000	0.00000000
45.000	0.00039500	0.00113900	0.00148000	0.00000000	0.00000000	0.00000000
67.500	0.00049500	0.00034200	0.00091100	0.00000000	0.00000000	0.00000000
90.000	0.00095500	0.00239100	0.00353000	0.00000000	0.00000000	0.00000000
112.500	0.00020500	0.00091100	0.00205000	0.00000000	0.00000000	0.00000000
135.000	0.00062300	0.00091100	0.00353000	0.00000000	0.00000000	0.00000000
157.500	0.00067400	0.00113900	0.00136700	0.00000000	0.00000000	0.00000000
180.000	0.00163600	0.00045600	0.00079700	0.00000000	0.00000000	0.00000000
202.500	0.00085100	0.00068400	0.00079700	0.00000000	0.00000000	0.00000000
225.000	0.00067400	0.00113900	0.00034200	0.00000000	0.00000000	0.00000000
247.500	0.00057200	0.00068400	0.00102500	0.00000000	0.00000000	0.00000000
270.000	0.00139600	0.00125300	0.00113900	0.00000000	0.00000000	0.00000000
292.500	0.00054600	0.00057000	0.00045600	0.00000000	0.00000000	0.00000000
315.000	0.00096400	0.00057000	0.00045600	0.00000000	0.00000000	0.00000000
337.500	0.00066000	0.00045600	0.00079700	0.00000000	0.00000000	0.00000000

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** FREQUENCY OF OCCURRENCE OF WIND SPEED, DIRECTION AND STABILITY ***

FILE: jfwpb84.Y

FORMAT: (6F10.6)

SURFACE STATION NO.: 12844

UPPER AIR STATION NO.: 12844

NAME: WESTPALMBEACH-FL

NAME: WESTPALMBEACH-FL

YEAR: 1984

YEAR: 1984

ANNUAL: STABILITY CATEGORY C

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00097100	0.00239100	0.00512300	0.00102500	0.00000000	0.00000000
22.500	0.00024500	0.00045600	0.00239100	0.00136700	0.00000000	0.00000000
45.000	0.00019300	0.00022800	0.00375700	0.00261900	0.00022800	0.00000000
67.500	0.00013200	0.00057000	0.00671700	0.00273300	0.00034200	0.00000000
90.000	0.00037700	0.00102500	0.01218200	0.00660300	0.00034200	0.00000000
112.500	0.00042900	0.00125300	0.01058800	0.00626200	0.00000000	0.00000000
135.000	0.00018400	0.00079700	0.01206800	0.00535100	0.00000000	0.00000000
157.500	0.00015800	0.00068400	0.00626200	0.00387100	0.00000000	0.00000000
180.000	0.00086600	0.00193600	0.00489600	0.00205000	0.00000000	0.00000000
202.500	0.00040300	0.00113900	0.00159400	0.00079700	0.00000000	0.00000000
225.000	0.00048100	0.00148000	0.00205000	0.00045600	0.00000000	0.00000000
247.500	0.00013200	0.00057000	0.00284700	0.00057000	0.00011400	0.00000000
270.000	0.00062200	0.00148000	0.00330200	0.00159400	0.00022800	0.00011400
292.500	0.00051700	0.00102500	0.00261900	0.00125300	0.00000000	0.00000000
315.000	0.00050800	0.00159400	0.00307400	0.00045600	0.00000000	0.00000000
337.500	0.00073500	0.00136700	0.00375700	0.00102500	0.00000000	0.00000000

ANNUAL: STABILITY CATEGORY D

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00043300	0.00364300	0.01149900	0.01377600	0.00193600	0.00034200
22.500	0.00002900	0.00034200	0.00398500	0.01092900	0.00170800	0.00011400
45.000	0.00015300	0.00034200	0.00444000	0.02151700	0.00353000	0.00011400
67.500	0.00018200	0.00068400	0.00853900	0.03620300	0.00455400	0.00011400
90.000	0.00021100	0.00102500	0.02618400	0.06796500	0.00762800	0.00034200
112.500	0.00032700	0.00239100	0.01924000	0.02094800	0.00022800	0.00000000
135.000	0.00031700	0.00227700	0.01707700	0.01684900	0.00000000	0.00011400
157.500	0.00024000	0.00136700	0.01081600	0.01013300	0.00000000	0.00000000
180.000	0.00035600	0.00273300	0.00853900	0.00910800	0.00068400	0.00000000
202.500	0.00065900	0.00193600	0.00341600	0.00239100	0.00045600	0.00011400
225.000	0.00069700	0.00239100	0.00432700	0.00261900	0.00034200	0.00000000
247.500	0.00053500	0.00193600	0.00455400	0.00216400	0.00022800	0.00011400
270.000	0.00037300	0.00148000	0.00421300	0.00785600	0.00182200	0.00079700
292.500	0.00019200	0.00079700	0.00387100	0.00694500	0.00045600	0.00034200
315.000	0.00063900	0.00170800	0.00535100	0.00626200	0.00091100	0.00011400
337.500	0.00035600	0.00273300	0.00797000	0.00853900	0.00000000	0.00000000

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** FREQUENCY OF OCCURRENCE OF WIND SPEED, DIRECTION AND STABILITY ***

FILE: jfwpb84.Y

FORMAT: (6F10.6)

SURFACE STATION NO.: 12844

UPPER AIR STATION NO.: 12844

NAME: WESTPALMBEACH-FL

NAME: WESTPALMBEACH-FL

YEAR: 1984

YEAR: 1984

ANNUAL: STABILITY CATEGORY E

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00000000	0.00341600	0.00375700	0.00000000	0.00000000	0.00000000
22.500	0.00000000	0.00034200	0.00364300	0.00000000	0.00000000	0.00000000
45.000	0.00000000	0.00113900	0.00284700	0.00000000	0.00000000	0.00000000
67.500	0.00000000	0.00079700	0.00808300	0.00000000	0.00000000	0.00000000
90.000	0.00000000	0.00353000	0.01696300	0.00000000	0.00000000	0.00000000
112.500	0.00000000	0.00489600	0.01366200	0.00000000	0.00000000	0.00000000
135.000	0.00000000	0.00671700	0.00922200	0.00000000	0.00000000	0.00000000
157.500	0.00000000	0.00409900	0.00546500	0.00000000	0.00000000	0.00000000
180.000	0.00000000	0.00853900	0.00501000	0.00000000	0.00000000	0.00000000
202.500	0.00000000	0.00341600	0.00057000	0.00000000	0.00000000	0.00000000
225.000	0.00000000	0.00432700	0.00079700	0.00000000	0.00000000	0.00000000
247.500	0.00000000	0.00273300	0.00307400	0.00000000	0.00000000	0.00000000
270.000	0.00000000	0.00432700	0.00364300	0.00000000	0.00000000	0.00000000
292.500	0.00000000	0.00273300	0.00261900	0.00000000	0.00000000	0.00000000
315.000	0.00000000	0.00261900	0.00637600	0.00000000	0.00000000	0.00000000
337.500	0.00000000	0.00227700	0.00626200	0.00000000	0.00000000	0.00000000

ANNUAL: STABILITY CATEGORY F

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00733800	0.00649000	0.00000000	0.00000000	0.00000000	0.00000000
22.500	0.00088900	0.00045600	0.00000000	0.00000000	0.00000000	0.00000000
45.000	0.00104600	0.00068400	0.00000000	0.00000000	0.00000000	0.00000000
67.500	0.00178500	0.00148000	0.00000000	0.00000000	0.00000000	0.00000000
90.000	0.00443000	0.00421300	0.00000000	0.00000000	0.00000000	0.00000000
112.500	0.00797000	0.00797000	0.00000000	0.00000000	0.00000000	0.00000000
135.000	0.01194600	0.00956300	0.00000000	0.00000000	0.00000000	0.00000000
157.500	0.00815700	0.00432700	0.00000000	0.00000000	0.00000000	0.00000000
180.000	0.01458500	0.00865300	0.00000000	0.00000000	0.00000000	0.00000000
202.500	0.00822800	0.00387100	0.00000000	0.00000000	0.00000000	0.00000000
225.000	0.00839100	0.00466800	0.00000000	0.00000000	0.00000000	0.00000000
247.500	0.00785100	0.00444000	0.00000000	0.00000000	0.00000000	0.00000000
270.000	0.01021900	0.00649000	0.00000000	0.00000000	0.00000000	0.00000000
292.500	0.00813500	0.00569300	0.00000000	0.00000000	0.00000000	0.00000000
315.000	0.01006200	0.00626200	0.00000000	0.00000000	0.00000000	0.00000000
337.500	0.00782900	0.00580700	0.00000000	0.00000000	0.00000000	0.00000000

SUM OF FREQUENCIES, FTOTAL = 1.00015

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-1200.00	-1100.00	-1000.00	X-COORD (METERS) -900.00	-800.00	-700.00	-600.00	-500.00	-400.00
1200.00	0.104154	0.099192	0.093680	0.087660	0.081225	0.074529	0.067807	0.061447	0.058826
1100.00	0.104304	0.104336	0.098503	0.092032	0.085008	0.077594	0.070053	0.062762	0.058083
1000.00	0.103958	0.104052	0.103752	0.096806	0.089137	0.080908	0.072408	0.064079	0.057081
900.00	0.103637	0.103198	0.102835	0.102011	0.093647	0.084504	0.074889	0.065291	0.056375
800.00	0.103423	0.102386	0.101273	0.100192	0.098562	0.088417	0.077408	0.065732	0.055090
700.00	0.103434	0.101758	0.099813	0.097676	0.095493	0.092583	0.079335	0.065964	0.053529
600.00	0.103822	0.101503	0.098692	0.095409	0.091537	0.086719	0.081450	0.066290	0.051781
500.00	0.104774	0.101865	0.098221	0.093766	0.087482	0.080552	0.073735	0.066631	0.045015
400.00	0.116738	0.108495	0.099556	0.093025	0.084829	0.075802	0.066263	0.051090	0.037259
300.00	0.132200	0.123403	0.113182	0.100134	0.086119	0.073347	0.057916	0.037887	0.022344
200.00	0.149767	0.140916	0.130173	0.114568	0.097613	0.079595	0.053500	0.030656	0.013732
100.00	0.169105	0.160696	0.149913	0.133013	0.114022	0.092338	0.056685	0.027720	0.010134
0.00	0.189707	0.182155	0.172191	0.154753	0.134669	0.111372	0.068963	0.033479	0.011874
-100.00	0.170470	0.161877	0.150776	0.133215	0.113472	0.090863	0.054120	0.024949	0.008258
-200.00	0.148646	0.139188	0.127654	0.110606	0.092056	0.072375	0.044001	0.021541	0.008184
-300.00	0.128622	0.118810	0.107342	0.092244	0.075799	0.059818	0.042904	0.024261	0.011684
-400.00	0.110828	0.101219	0.090464	0.079951	0.068817	0.057313	0.045819	0.030238	0.019332
-500.00	0.095615	0.089575	0.083220	0.075921	0.066420	0.056540	0.047289	0.039036	0.024826
-600.00	0.089711	0.084611	0.078803	0.072386	0.065096	0.057019	0.049861	0.039839	0.029913
-700.00	0.084864	0.080186	0.075013	0.069494	0.063879	0.058269	0.049230	0.039942	0.031455
-800.00	0.080442	0.076238	0.071737	0.067124	0.062676	0.055990	0.048315	0.040117	0.032730
-900.00	0.076403	0.072692	0.068860	0.065112	0.059640	0.053440	0.046874	0.040222	0.033925
-1000.00	0.072701	0.069477	0.066281	0.061817	0.056696	0.051133	0.045334	0.039603	0.035225
-1100.00	0.069288	0.066530	0.062888	0.058679	0.054026	0.049046	0.043922	0.038917	0.038550
-1200.00	0.066125	0.063146	0.059690	0.055821	0.051602	0.047141	0.042604	0.038213	0.041545

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-300.00	-200.00	-100.00	X-COORD (METERS)		200.00	300.00	400.00	500.00
				0.00	100.00				
1200.00	0.056546	0.054700	0.053425	0.052832	0.046402	0.040220	0.034467	0.029277	0.024793
1100.00	0.055185	0.052820	0.051180	0.050419	0.043859	0.037625	0.031926	0.026904	0.024293
1000.00	0.053456	0.050485	0.048377	0.047535	0.040879	0.034705	0.029180	0.024470	0.023798
900.00	0.050782	0.046833	0.044240	0.043275	0.036779	0.030937	0.025996	0.022933	0.023208
800.00	0.047283	0.042537	0.039449	0.038400	0.032193	0.026874	0.022676	0.021678	0.022320
700.00	0.043346	0.037574	0.033775	0.032858	0.026975	0.022500	0.019579	0.020201	0.021286
600.00	0.037610	0.028341	0.023010	0.022238	0.017904	0.015868	0.016330	0.018373	0.020197
500.00	0.027842	0.018152	0.012982	0.012346	0.009728	0.009575	0.011223	0.014707	0.019083
400.00	0.019136	0.009420	0.005819	0.005710	0.004430	0.004782	0.006593	0.010956	0.014441
300.00	0.012490	0.004388	0.002270	0.003077	0.002469	0.002331	0.003633	0.006449	0.010418
200.00	0.005182	0.003509	0.001826	0.002697	0.002392	0.001643	0.002273	0.004476	0.008523
100.00	0.002838	0.002247	0.003384	0.001768	0.001514	0.002230	0.003091	0.005691	0.010741
0.00	0.004079	0.004229	0.006184	0.000000	0.016979	0.011326	0.008814	0.009794	0.015471
-100.00	0.002281	0.001453	0.002007	0.007724	0.003950	0.004620	0.005131	0.006871	0.011830
-200.00	0.002405	0.001288	0.001291	0.005177	0.001738	0.002671	0.003349	0.005300	0.009707
-300.00	0.005371	0.001776	0.001530	0.004086	0.001888	0.002323	0.004155	0.006644	0.011010
-400.00	0.009100	0.003894	0.003394	0.005346	0.003976	0.004595	0.006600	0.010573	0.014658
-500.00	0.014030	0.008391	0.008526	0.011452	0.009301	0.010164	0.011876	0.015310	0.020178
-600.00	0.020109	0.016246	0.017902	0.022688	0.018769	0.018084	0.019433	0.021593	0.023252
-700.00	0.024597	0.025928	0.030023	0.036715	0.030857	0.027620	0.026044	0.025839	0.026489
-800.00	0.028975	0.032518	0.037868	0.044797	0.038559	0.033849	0.030880	0.029889	0.029922
-900.00	0.034266	0.038525	0.044290	0.051323	0.044844	0.039599	0.035813	0.033790	0.033273
-1000.00	0.039102	0.044086	0.050106	0.057135	0.050561	0.044997	0.040478	0.037070	0.035918
-1100.00	0.042889	0.048155	0.054256	0.061015	0.054670	0.049017	0.044232	0.040398	0.038270
-1200.00	0.046150	0.051501	0.057507	0.064016	0.057917	0.052371	0.047529	0.043475	0.040345

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)						
	600.00	700.00	800.00	900.00	1000.00	1100.00	1200.00
1200.00	0.024791	0.025060	0.025475	0.025997	0.026594	0.027239	0.027912
1100.00	0.024480	0.024864	0.025395	0.026029	0.026726	0.027459	0.027533
1000.00	0.024125	0.024655	0.025328	0.026092	0.026904	0.027022	0.027136
900.00	0.023733	0.024449	0.025293	0.026206	0.026373	0.026563	0.026800
800.00	0.023285	0.024278	0.025323	0.025533	0.025814	0.026170	0.026545
700.00	0.022658	0.024171	0.024433	0.024817	0.025325	0.025870	0.026396
600.00	0.022138	0.022670	0.023419	0.024170	0.024942	0.025694	0.026379
500.00	0.020036	0.021051	0.022312	0.023630	0.024703	0.025675	0.026521
400.00	0.017749	0.019558	0.021386	0.023207	0.024894	0.027402	0.029635
300.00	0.014995	0.018378	0.021675	0.025476	0.028832	0.031475	0.033696
200.00	0.014650	0.021429	0.026104	0.030134	0.033714	0.036261	0.038328
100.00	0.018355	0.026825	0.031888	0.035881	0.039364	0.041663	0.043440
0.00	0.024417	0.033843	0.038773	0.042476	0.045664	0.047516	0.048896
-100.00	0.019862	0.028820	0.034069	0.038070	0.041544	0.043767	0.045445
-200.00	0.016772	0.024525	0.029460	0.033561	0.037182	0.039613	0.041549
-300.00	0.016983	0.022020	0.026235	0.030215	0.033605	0.036100	0.038159
-400.00	0.019723	0.022827	0.025701	0.028424	0.030892	0.033284	0.035329
-500.00	0.022276	0.024487	0.026842	0.029026	0.030593	0.031893	0.033099
-600.00	0.025301	0.026877	0.028640	0.030084	0.031283	0.032327	0.033200
-700.00	0.027872	0.029694	0.030623	0.031506	0.032360	0.033131	0.033790
-800.00	0.030655	0.031625	0.032682	0.033184	0.033713	0.034212	0.034650
-900.00	0.033179	0.033509	0.034175	0.035003	0.035237	0.035482	0.035704
-1000.00	0.035439	0.035389	0.035677	0.036212	0.036848	0.036863	0.036885
-1100.00	0.037532	0.037188	0.037169	0.037402	0.037818	0.038295	0.038139
-1200.00	0.039424	0.038858	0.038595	0.038579	0.038754	0.039070	0.039420

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2
 INCLUDING SOURCE(S): 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)								
	-1200.00	-1100.00	-1000.00	-900.00	-800.00	-700.00	-600.00	-500.00	-400.00
1200.00	0.009914	0.009854	0.009931	0.009948	0.009914	0.009751	0.009428	0.008940	0.009588
1100.00	0.010455	0.011184	0.011056	0.011220	0.011276	0.011187	0.010911	0.010404	0.010367
1000.00	0.010899	0.011795	0.012796	0.012695	0.012879	0.012905	0.012717	0.012251	0.011471
900.00	0.011366	0.012442	0.013634	0.014913	0.014767	0.014968	0.014930	0.014564	0.013768
800.00	0.011850	0.013069	0.014445	0.015989	0.017669	0.017451	0.017658	0.017487	0.016807
700.00	0.012283	0.013650	0.015223	0.017028	0.019088	0.021368	0.021036	0.021252	0.020550
600.00	0.012638	0.014151	0.015926	0.018009	0.020454	0.023317	0.026553	0.025760	0.025782
500.00	0.013613	0.014530	0.016498	0.018861	0.021714	0.025060	0.029033	0.033786	0.032851
400.00	0.013863	0.015466	0.018074	0.019974	0.022776	0.026502	0.031574	0.037912	0.045869
300.00	0.014557	0.016379	0.018573	0.021251	0.025004	0.029758	0.033588	0.041803	0.052920
200.00	0.015114	0.017123	0.019587	0.022686	0.026103	0.031067	0.037681	0.051106	0.060202
100.00	0.015502	0.017648	0.020314	0.023738	0.027543	0.033196	0.041354	0.053140	0.071169
0.00	0.015974	0.018260	0.021126	0.024783	0.028999	0.035366	0.044779	0.058901	0.081885
-100.00	0.013562	0.015278	0.017370	0.020005	0.022712	0.026783	0.032421	0.040067	0.050718
-200.00	0.011763	0.013047	0.014552	0.016346	0.017972	0.020367	0.023272	0.027208	0.026153
-300.00	0.009929	0.010784	0.011710	0.012694	0.013925	0.014039	0.014454	0.016565	0.018704
-400.00	0.008118	0.008568	0.009283	0.008846	0.009713	0.010441	0.011502	0.012410	0.012333
-500.00	0.006425	0.006394	0.006935	0.007513	0.008110	0.008584	0.008947	0.008760	0.008812
-600.00	0.005258	0.005625	0.006003	0.006377	0.006716	0.006977	0.006789	0.006609	0.007152
-700.00	0.004656	0.004913	0.005157	0.005369	0.005514	0.005350	0.005296	0.005640	0.005829
-800.00	0.004100	0.004266	0.004403	0.004490	0.004357	0.004321	0.004563	0.004721	0.004830
-900.00	0.003593	0.003685	0.003739	0.003630	0.003600	0.003779	0.003932	0.004038	0.004073
-1000.00	0.003142	0.003170	0.003080	0.003056	0.003194	0.003315	0.003407	0.003454	0.003873
-1100.00	0.002739	0.002657	0.002634	0.002742	0.002840	0.002918	0.002968	0.002977	0.003957
-1200.00	0.002324	0.002307	0.002389	0.002465	0.002532	0.002580	0.002601	0.002744	0.003972

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2
INCLUDING SOURCE(S): 11

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)								
	-300.00	-200.00	-100.00	0.00	100.00	200.00	300.00	400.00	500.00
1200.00	0.010626	0.011623	0.012538	0.012671	0.011116	0.009619	0.008133	0.006701	0.005935
1100.00	0.011586	0.012761	0.013833	0.013956	0.012071	0.010266	0.008492	0.006862	0.006605
1000.00	0.012698	0.014092	0.015359	0.015450	0.013131	0.010931	0.008795	0.007334	0.007407
900.00	0.014002	0.015661	0.017161	0.017176	0.014291	0.011575	0.008983	0.008336	0.008382
800.00	0.015620	0.017511	0.019371	0.019322	0.015626	0.012200	0.009487	0.009600	0.009573
700.00	0.019160	0.019893	0.022137	0.021887	0.017043	0.012652	0.010944	0.011206	0.011123
600.00	0.024642	0.023105	0.026051	0.025459	0.018684	0.013223	0.013166	0.013382	0.013023
500.00	0.032605	0.029280	0.031116	0.029650	0.020254	0.015481	0.016519	0.016303	0.016182
400.00	0.044262	0.042733	0.038713	0.035424	0.021286	0.020595	0.021365	0.021356	0.017867
300.00	0.067660	0.064106	0.052132	0.045711	0.025974	0.029618	0.030290	0.024065	0.019449
200.00	0.081009	0.115351	0.104652	0.070727	0.046083	0.048387	0.034892	0.027875	0.022731
100.00	0.108237	0.169517	0.274185	0.163584	0.099091	0.066739	0.043769	0.033344	0.026631
0.00	0.123387	0.212934	0.518469	0.000000	0.178534	0.091542	0.058727	0.041918	0.031995
-100.00	0.069477	0.078945	0.094463	0.215723	0.125111	0.069542	0.045732	0.033721	0.026925
-200.00	0.031771	0.034792	0.045600	0.094749	0.076587	0.060480	0.039413	0.029672	0.024118
-300.00	0.019063	0.020478	0.030343	0.056456	0.051323	0.044330	0.037716	0.027735	0.021852
-400.00	0.012656	0.014459	0.024537	0.039210	0.035178	0.034142	0.029969	0.026557	0.020855
-500.00	0.009757	0.011685	0.020399	0.029749	0.027683	0.026873	0.024623	0.022058	0.020104
-600.00	0.007577	0.010791	0.017125	0.023476	0.022355	0.020913	0.020405	0.018932	0.017216
-700.00	0.006274	0.010124	0.014775	0.019380	0.018662	0.017471	0.017216	0.016220	0.015214
-800.00	0.005989	0.009373	0.012905	0.016379	0.015869	0.015112	0.014624	0.014158	0.013365
-900.00	0.005995	0.008628	0.011380	0.014088	0.013755	0.013169	0.012410	0.012335	0.011794
-1000.00	0.005875	0.008041	0.010248	0.012399	0.012115	0.011648	0.011043	0.010828	0.010459
-1100.00	0.005652	0.007429	0.009224	0.010967	0.010738	0.010370	0.009893	0.009370	0.009323
-1200.00	0.005395	0.006870	0.008353	0.009787	0.009599	0.009304	0.008922	0.008475	0.008353

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2
 INCLUDING SOURCE(S): 11

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)						
	600.00	700.00	800.00	900.00	1000.00	1100.00	1200.00
1200.00	0.005928	0.005848	0.005712	0.005559	0.005360	0.005195	0.005077
1100.00	0.006573	0.006453	0.006271	0.006047	0.005825	0.005680	0.005344
1000.00	0.007336	0.007161	0.006917	0.006628	0.006463	0.006011	0.005574
900.00	0.008250	0.007998	0.007669	0.007479	0.006873	0.006319	0.005836
800.00	0.009364	0.008998	0.008785	0.007996	0.007284	0.006646	0.006078
700.00	0.010741	0.010511	0.009451	0.008510	0.007681	0.006954	0.006316
600.00	0.012862	0.011396	0.010107	0.008999	0.008046	0.007227	0.006521
500.00	0.013994	0.012250	0.010714	0.009430	0.008354	0.007551	0.007002
400.00	0.015158	0.012912	0.011217	0.010173	0.009081	0.008225	0.007561
300.00	0.016181	0.014533	0.012438	0.011168	0.010062	0.009106	0.008278
200.00	0.018707	0.016216	0.014176	0.012521	0.011117	0.009945	0.008957
100.00	0.021862	0.018431	0.015749	0.013762	0.012079	0.010708	0.009573
0.00	0.025474	0.021013	0.017658	0.015232	0.013231	0.011631	0.010325
-100.00	0.022092	0.018608	0.015893	0.013878	0.012175	0.010788	0.009641
-200.00	0.019227	0.016615	0.014499	0.012776	0.011326	0.010119	0.009103
-300.00	0.017609	0.015391	0.013025	0.011548	0.010374	0.009366	0.008497
-400.00	0.017301	0.014448	0.012321	0.010818	0.009629	0.008562	0.007846
-500.00	0.016487	0.014146	0.012145	0.010516	0.009178	0.008085	0.007466
-600.00	0.015969	0.013511	0.011768	0.010306	0.009078	0.008042	0.007165
-700.00	0.014001	0.013042	0.011262	0.009975	0.008869	0.007919	0.007101
-800.00	0.012493	0.011601	0.010894	0.009566	0.008584	0.007725	0.006973
-900.00	0.011165	0.010492	0.009811	0.009271	0.008249	0.007480	0.006823
-1000.00	0.010004	0.009497	0.008967	0.008432	0.008009	0.007237	0.006626
-1100.00	0.008994	0.008612	0.008199	0.007772	0.007380	0.007040	0.006448
-1200.00	0.008116	0.007828	0.007506	0.007192	0.006853	0.006561	0.006290

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-1200.00	-1100.00	-1000.00	-900.00	-800.00	-700.00	-600.00	-500.00	-400.00
1200.00	0.114068	0.109046	0.103611	0.097608	0.091139	0.084281	0.077235	0.070387	0.068414
1100.00	0.114758	0.115520	0.109559	0.103253	0.096284	0.088781	0.080965	0.073167	0.068450
1000.00	0.114857	0.115847	0.116548	0.109501	0.102016	0.093812	0.085125	0.076330	0.068551
900.00	0.115003	0.115639	0.116469	0.116924	0.108414	0.099472	0.089820	0.079855	0.070143
800.00	0.115273	0.115455	0.115718	0.116181	0.116231	0.105868	0.095067	0.083219	0.071896
700.00	0.115717	0.115408	0.115036	0.114704	0.114581	0.113951	0.100371	0.087216	0.074079
600.00	0.116459	0.115654	0.114617	0.113418	0.111990	0.110036	0.108003	0.092049	0.077563
500.00	0.118386	0.116396	0.114719	0.112627	0.109196	0.105612	0.102768	0.100418	0.077866
400.00	0.130601	0.123961	0.117631	0.112999	0.107605	0.102304	0.097837	0.089002	0.083128
300.00	0.146757	0.139782	0.131755	0.121385	0.111122	0.103106	0.091504	0.079690	0.075265
200.00	0.164881	0.158039	0.149760	0.137254	0.123716	0.110662	0.091181	0.081763	0.073934
100.00	0.184607	0.178344	0.170227	0.156751	0.141565	0.125533	0.098039	0.080860	0.081302
0.00	0.205681	0.200415	0.193316	0.179536	0.163669	0.146738	0.113742	0.092380	0.093760
-100.00	0.184032	0.177156	0.168146	0.153220	0.136184	0.117645	0.086541	0.065016	0.058976
-200.00	0.160408	0.152235	0.142206	0.126953	0.110028	0.092741	0.067273	0.048749	0.034337
-300.00	0.138550	0.129594	0.119053	0.104938	0.089725	0.073857	0.057358	0.040826	0.030388
-400.00	0.118946	0.109788	0.099747	0.088797	0.078531	0.067754	0.057322	0.042648	0.031666
-500.00	0.102040	0.095969	0.090155	0.083435	0.074530	0.065125	0.056236	0.047796	0.033637
-600.00	0.094969	0.090236	0.084806	0.078763	0.071812	0.063997	0.056650	0.046448	0.037065
-700.00	0.089520	0.085099	0.080170	0.074863	0.069393	0.063619	0.054526	0.045582	0.037284
-800.00	0.084542	0.080503	0.076139	0.071614	0.067032	0.060310	0.052878	0.044838	0.037560
-900.00	0.079997	0.076377	0.072599	0.068741	0.063240	0.057219	0.050806	0.044260	0.037997
-1000.00	0.075843	0.072647	0.069361	0.064873	0.059889	0.054448	0.048740	0.043057	0.039098
-1100.00	0.072027	0.069187	0.065522	0.061421	0.056866	0.051964	0.046890	0.041895	0.042507
-1200.00	0.068449	0.065453	0.062079	0.058287	0.054134	0.049721	0.045205	0.040957	0.045516

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)								
	-300.00	-200.00	-100.00	0.00	100.00	200.00	300.00	400.00	500.00
1200.00	0.067172	0.066323	0.065963	0.065503	0.057518	0.049838	0.042599	0.035977	0.030727
1100.00	0.066771	0.065580	0.065014	0.064375	0.055930	0.047891	0.040418	0.033766	0.030898
1000.00	0.066154	0.064577	0.063736	0.062984	0.054010	0.045635	0.037975	0.031805	0.031204
900.00	0.064783	0.062494	0.061400	0.060451	0.051069	0.042511	0.034980	0.031269	0.031590
800.00	0.062904	0.060048	0.058820	0.057722	0.047819	0.039073	0.032163	0.031278	0.031893
700.00	0.062506	0.057467	0.055912	0.054746	0.044018	0.035152	0.030523	0.031407	0.032409
600.00	0.062253	0.051447	0.049061	0.047697	0.036588	0.029091	0.029496	0.031755	0.033220
500.00	0.060447	0.047432	0.044098	0.041996	0.029982	0.025056	0.027742	0.031010	0.035266
400.00	0.063398	0.052153	0.044532	0.041134	0.025717	0.025377	0.027958	0.032312	0.032308
300.00	0.080151	0.068494	0.054402	0.048787	0.028443	0.031949	0.033923	0.030514	0.029867
200.00	0.086191	0.118860	0.106478	0.073423	0.048475	0.050030	0.037165	0.032352	0.031254
100.00	0.111075	0.171763	0.277569	0.165353	0.100605	0.068969	0.046861	0.039035	0.037372
0.00	0.127466	0.217163	0.524653	0.000000	0.195513	0.102868	0.067541	0.051712	0.047466
-100.00	0.071758	0.080398	0.096469	0.223448	0.129060	0.074163	0.050862	0.040591	0.038755
-200.00	0.034176	0.036080	0.046892	0.099926	0.078325	0.063151	0.042762	0.034972	0.033825
-300.00	0.024434	0.022254	0.031873	0.060543	0.053212	0.046653	0.041871	0.034378	0.032862
-400.00	0.021757	0.018354	0.027931	0.044555	0.039155	0.038737	0.036569	0.037131	0.035513
-500.00	0.023787	0.020076	0.028925	0.041201	0.036984	0.037037	0.036498	0.037368	0.040282
-600.00	0.027686	0.027037	0.035027	0.046163	0.041123	0.038998	0.039839	0.040524	0.040468
-700.00	0.030871	0.036051	0.044798	0.056094	0.049519	0.045091	0.043260	0.042060	0.041703
-800.00	0.034964	0.041891	0.050773	0.061175	0.054428	0.048961	0.045503	0.044047	0.043287
-900.00	0.040261	0.047153	0.055671	0.065412	0.058599	0.052768	0.048222	0.046124	0.045067
-1000.00	0.044977	0.052127	0.060354	0.069534	0.062676	0.056645	0.051521	0.047897	0.046377
-1100.00	0.048541	0.055583	0.063480	0.071981	0.065408	0.059387	0.054125	0.049768	0.047593
-1200.00	0.051544	0.058371	0.065860	0.073802	0.067516	0.061675	0.056451	0.051950	0.048698

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)						
	600.00	700.00	800.00	900.00	1000.00	1100.00	1200.00
1200.00	0.030718	0.030908	0.031187	0.031555	0.031954	0.032435	0.032989
1100.00	0.031053	0.031317	0.031667	0.032076	0.032551	0.033138	0.032877
1000.00	0.031460	0.031816	0.032245	0.032720	0.033366	0.033033	0.032711
900.00	0.031984	0.032447	0.032962	0.033685	0.033246	0.032883	0.032636
800.00	0.032650	0.033276	0.034108	0.033529	0.033098	0.032816	0.032622
700.00	0.033400	0.034682	0.033884	0.033327	0.033007	0.032824	0.032712
600.00	0.035000	0.034066	0.033526	0.033169	0.032988	0.032921	0.032900
500.00	0.034030	0.033302	0.033026	0.033060	0.033057	0.033226	0.033522
400.00	0.032908	0.032470	0.032603	0.033381	0.033975	0.035627	0.037196
300.00	0.031176	0.032911	0.034113	0.036645	0.038894	0.040581	0.041974
200.00	0.033357	0.037646	0.040280	0.042655	0.044831	0.046206	0.047285
100.00	0.040217	0.045256	0.047637	0.049643	0.051443	0.052371	0.053013
0.00	0.049892	0.054856	0.056431	0.057709	0.058895	0.059146	0.059221
-100.00	0.041954	0.047428	0.049962	0.051948	0.053719	0.054555	0.055086
-200.00	0.035999	0.041140	0.043958	0.046337	0.048508	0.049732	0.050652
-300.00	0.034593	0.037411	0.039259	0.041763	0.043979	0.045466	0.046656
-400.00	0.037025	0.037274	0.038021	0.039242	0.040521	0.041847	0.043175
-500.00	0.038763	0.038633	0.038987	0.039542	0.039771	0.039979	0.040566
-600.00	0.041270	0.040388	0.040409	0.040390	0.040361	0.040369	0.040366
-700.00	0.041873	0.042736	0.041885	0.041481	0.041229	0.041050	0.040891
-800.00	0.043149	0.043226	0.043576	0.042750	0.042297	0.041937	0.041623
-900.00	0.044344	0.044001	0.043986	0.044275	0.043486	0.042962	0.042527
-1000.00	0.045443	0.044886	0.044643	0.044644	0.044857	0.044100	0.043511
-1100.00	0.046526	0.045800	0.045368	0.045173	0.045197	0.045335	0.044587
-1200.00	0.047539	0.046685	0.046101	0.045771	0.045607	0.045631	0.045711

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.189707	AT (	-1200.00, 0.00) GC	6.	0.161877	AT (	-1100.00, -100.00) GC
2.	0.182155	AT (	-1100.00, 0.00) GC	7.	0.160696	AT (	-1100.00, 100.00) GC
3.	0.172191	AT (	-1000.00, 0.00) GC	8.	0.154753	AT (	-900.00, 0.00) GC
4.	0.170470	AT (	-1200.00, -100.00) GC	9.	0.150776	AT (	-1000.00, -100.00) GC
5.	0.169105	AT (	-1200.00, 100.00) GC	10.	0.149913	AT (	-1000.00, 100.00) GC

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: 2 ***
 INCLUDING SOURCE(S): 11 ,

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.518469	AT (	-100.00, 0.00) GC	6.	0.169517	AT (	-200.00, 100.00) GC
2.	0.274185	AT (	-100.00, 100.00) GC	7.	0.163584	AT (	0.00, 100.00) GC
3.	0.215723	AT (	0.00, -100.00) GC	8.	0.125111	AT (	100.00, -100.00) GC
4.	0.212934	AT (	-200.00, 0.00) GC	9.	0.123387	AT (	-300.00, 0.00) GC
5.	0.178534	AT (	100.00, 0.00) GC	10.	0.115351	AT (	-200.00, 200.00) GC

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.524653	AT (	-100.00, 0.00) GC	6.	0.200415	AT (	-1100.00, 0.00) GC
2.	0.277569	AT (	-100.00, 100.00) GC	7.	0.195513	AT (	100.00, 0.00) GC
3.	0.223448	AT (	0.00, -100.00) GC	8.	0.193316	AT (	-1000.00, 0.00) GC
4.	0.217163	AT (	-200.00, 0.00) GC	9.	0.184607	AT (	-1200.00, 100.00) GC
5.	0.205681	AT (	-1200.00, 0.00) GC	10.	0.184032	AT (	-1200.00, -100.00) GC

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

NO ECHO

*** Message Summary For ISC2 Model Setup ***

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

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

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

***** WARNING MESSAGES *****
SO W320 26 PPARM : Source Parameter May Be Out-of-Range for Parameter VS
SO W320 27 PPARM : Source Parameter May Be Out-of-Range for Parameter VS

*** SETUP Finishes Successfully ***

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

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

**Model Uses RURAL Dispersion.

**Model Uses Regulatory DEFAULT Options:

1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Default Wind Profile Exponents.
5. Default Vertical Potential Temperature Gradients.
6. "Upper Bound" Values For Supersquat Buildings.
7. No Exponential Decay for RURAL Mode

**Model Assumes Receptors on FLAT Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates 1 STAR Average(s) for the Following Months: 0 0 0 0 0 0 0 0 0 0 0 0
 Seasons/Quarters: 0 0 0 0
 and Annual: 1

**Model Assumes 1 STAR Summaries In Data File for the Averaging Periods Identified Above

**This Run Includes: 3 Source(s); 3 Source Group(s); and 625 Receptor(s)

**The Model Assumes A Pollutant Type of: NOX

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

**Output Options Selected:

- Model Outputs Tables of Long Term Values by Receptor (RECTABLE Keyword)
- Model Outputs Tables of Maximum Long Term Values (MAXTABLE Keyword)
- Model Outputs External File(s) of Long Term Values for Plotting (PLOTFILE Keyword)

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SECOND ; Emission Rate Unit Factor = 0.10000E+07
 Output Units = MICROGRAMS/CUBIC-METER

**Input Runstream File: st21n845.ann ; **Output Print File: st21n845.out

**Error Message File: st21n845.err

*** ISCLT2 - VERSION 92062 ***

*** ENRON III STATION 21 MAX ANNUAL NOX 500 M GRID 2-11-93 1984
*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

*** 02/26/93
*** 13:34:00
PAGE 2

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (USER UNITS)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
1	0	0.11200E+01	0.0	0.0	0.0	15.24	763.72	55.43	1.01	YES	
2	0	0.11200E+01	0.0	-17.0	0.0	15.24	763.72	55.43	1.01	YES	
11	0	0.10000E-01	-20.0	5.0	0.0	6.10	894.27	44.10	0.09	YES	

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: 1

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	9.1,	19.1,	0	2	9.1,	30.3,	0	3	9.1,	37.1,	0	4	9.1,	38.5,	0
5	9.1,	38.3,	0	6	9.1,	38.5,	0	7	9.1,	37.2,	0	8	9.1,	30.5,	0
9	9.1,	19.1,	0	10	9.1,	30.3,	0	11	9.1,	37.1,	0	12	9.1,	38.5,	0
13	9.1,	38.3,	0	14	9.1,	38.5,	0	15	9.1,	37.2,	0	16	9.1,	30.5,	0

SOURCE ID: 2

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	9.1,	19.1,	0	2	9.1,	30.3,	0	3	9.1,	37.1,	0	4	9.1,	38.5,	0
5	9.1,	38.3,	0	6	9.1,	38.5,	0	7	9.1,	37.2,	0	8	9.1,	30.5,	0
9	9.1,	19.1,	0	10	9.1,	30.3,	0	11	9.1,	37.1,	0	12	9.1,	38.5,	0
13	9.1,	38.3,	0	14	9.1,	38.5,	0	15	9.1,	37.2,	0	16	9.1,	30.5,	0

SOURCE ID: 11

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	5.7,	9.3,	0	2	5.7,	14.3,	0	3	9.1,	37.1,	0	4	9.1,	38.5,	0
5	9.1,	38.3,	0	6	9.1,	38.5,	0	7	9.1,	37.2,	0	8	9.1,	30.5,	0
9	5.7,	9.3,	0	10	5.7,	14.3,	0	11	9.1,	37.1,	0	12	9.1,	38.5,	0
13	9.1,	38.3,	0	14	9.1,	38.5,	0	15	9.1,	37.2,	0	16	9.1,	30.5,	0

*** ISCLT2 - VERSION 92062 ***

*** ENRON III STATION 21 MAX ANNUAL NOX 500 M GRID 2-11-93 1984
*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

*** 02/26/93
*** 13:34:00
PAGE 5

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

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

-6000.0,	-5500.0,	-5000.0,	-4500.0,	-4000.0,	-3500.0,	-3000.0,	-2500.0,	-2000.0,	-1500.0,
-1000.0,	-500.0,	0.0,	500.0,	1000.0,	1500.0,	2000.0,	2500.0,	3000.0,	3500.0,
4000.0,	4500.0,	5000.0,	5500.0,	6000.0,					

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

-6000.0,	-5500.0,	-5000.0,	-4500.0,	-4000.0,	-3500.0,	-3000.0,	-2500.0,	-2000.0,	-1500.0,
-1000.0,	-500.0,	0.0,	500.0,	1000.0,	1500.0,	2000.0,	2500.0,	3000.0,	3500.0,
4000.0,	4500.0,	5000.0,	5500.0,	6000.0,					

*** ISCLT2 - VERSION 92062 ***

*** ENRON III STATION 21 MAX ANNUAL NOX 500 M GRID 2-11-93 1984
*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

*** 02/26/93
*** 13:34:00
PAGE 6

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

* SOURCE-RECEPTOR COMBINATIONS LESS THAN 1.0 METER OR 3*ZLB *
IN DISTANCE. CALCULATIONS MAY NOT BE PERFORMED.

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
1	0.0 0.0	0.00

*** AVERAGE SPEED FOR EACH WIND SPEED CATEGORY ***
(METERS/SEC)

1.50, 2.50, 4.30, 6.80, 9.50, 12.50,

*** WIND PROFILE EXPONENTS ***

STABILITY CATEGORY	WIND SPEED CATEGORY					
	1	2	3	4	5	6
A	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01
B	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01
C	.10000E+00	.10000E+00	.10000E+00	.10000E+00	.10000E+00	.10000E+00
D	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
E	.35000E+00	.35000E+00	.35000E+00	.35000E+00	.35000E+00	.35000E+00
F	.55000E+00	.55000E+00	.55000E+00	.55000E+00	.55000E+00	.55000E+00

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
(DEGREES KELVIN PER METER)

STABILITY CATEGORY	WIND SPEED CATEGORY					
	1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

*** AVERAGE AMBIENT AIR TEMPERATURE (KELVIN) ***

	STABILITY CATEGORY A	STABILITY CATEGORY B	STABILITY CATEGORY C	STABILITY CATEGORY D	STABILITY CATEGORY E	STABILITY CATEGORY F
ANNUAL	301.4000	301.4000	301.4000	296.8000	292.2000	292.2000

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** FREQUENCY OF OCCURRENCE OF WIND SPEED, DIRECTION AND STABILITY ***

FILE: jfwpb84.Y

FORMAT: (6F10.6)

SURFACE STATION NO.: 12844

UPPER AIR STATION NO.: 12844

NAME: WESTPALMBEACH-FL

NAME: WESTPALMBEACH-FL

YEAR: 1984

YEAR: 1984

ANNUAL: STABILITY CATEGORY C

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00097100	0.00239100	0.00512300	0.00102500	0.00000000	0.00000000
22.500	0.00024500	0.00045600	0.00239100	0.00136700	0.00000000	0.00000000
45.000	0.00019300	0.00022800	0.00375700	0.00261900	0.00022800	0.00000000
67.500	0.00013200	0.00057000	0.00671700	0.00273300	0.00034200	0.00000000
90.000	0.00037700	0.00102500	0.01218200	0.00660300	0.00034200	0.00000000
112.500	0.00042900	0.00125300	0.01058800	0.00626200	0.00000000	0.00000000
135.000	0.00018400	0.00079700	0.01206800	0.00535100	0.00000000	0.00000000
157.500	0.00015800	0.00068400	0.00626200	0.00387100	0.00000000	0.00000000
180.000	0.00086600	0.00193600	0.00489600	0.00205000	0.00000000	0.00000000
202.500	0.00040300	0.00113900	0.00159400	0.00079700	0.00000000	0.00000000
225.000	0.00048100	0.00148000	0.00205000	0.00045600	0.00000000	0.00000000
247.500	0.00013200	0.00057000	0.00284700	0.00057000	0.00011400	0.00000000
270.000	0.00062200	0.00148000	0.00330200	0.00159400	0.00022800	0.00011400
292.500	0.00051700	0.00102500	0.00261900	0.00125300	0.00000000	0.00000000
315.000	0.00050800	0.00159400	0.00307400	0.00045600	0.00000000	0.00000000
337.500	0.00073500	0.00136700	0.00375700	0.00102500	0.00000000	0.00000000

ANNUAL: STABILITY CATEGORY D

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00043300	0.00364300	0.01149900	0.01377600	0.00193600	0.00034200
22.500	0.00002900	0.00034200	0.00398500	0.01092900	0.00170800	0.00011400
45.000	0.00015300	0.00034200	0.00444000	0.02151700	0.00353000	0.00011400
67.500	0.00018200	0.00068400	0.00853900	0.03620300	0.00455400	0.00011400
90.000	0.00021100	0.00102500	0.02618400	0.06796500	0.00762800	0.00034200
112.500	0.00032700	0.00239100	0.01924000	0.02094800	0.00022800	0.00000000
135.000	0.00031700	0.00227700	0.01707700	0.01684900	0.00000000	0.00011400
157.500	0.00024000	0.00136700	0.01081600	0.01013300	0.00000000	0.00000000
180.000	0.00035600	0.00273300	0.00853900	0.00910800	0.00068400	0.00000000
202.500	0.00065900	0.00193600	0.00341600	0.00239100	0.00045600	0.00011400
225.000	0.00069700	0.00239100	0.00432700	0.00261900	0.00034200	0.00000000
247.500	0.00053500	0.00193600	0.00455400	0.00216400	0.00022800	0.00011400
270.000	0.00037300	0.00148000	0.00421300	0.00785600	0.00182200	0.00079700
292.500	0.00019200	0.00079700	0.00387100	0.00694500	0.00045600	0.00034200
315.000	0.00063900	0.00170800	0.00535100	0.00626200	0.00091100	0.00011400
337.500	0.00035600	0.00273300	0.00797000	0.00853900	0.00000000	0.00000000

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** FREQUENCY OF OCCURRENCE OF WIND SPEED, DIRECTION AND STABILITY ***

FILE: jfwpb84.Y

FORMAT: (6F10.6)

SURFACE STATION NO.: 12844

UPPER AIR STATION NO.: 12844

NAME: WESTPALMBEACH-FL

NAME: WESTPALMBEACH-FL

YEAR: 1984

YEAR: 1984

ANNUAL: STABILITY CATEGORY E

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00000000	0.00341600	0.00375700	0.00000000	0.00000000	0.00000000
22.500	0.00000000	0.00034200	0.00364300	0.00000000	0.00000000	0.00000000
45.000	0.00000000	0.00113900	0.00284700	0.00000000	0.00000000	0.00000000
67.500	0.00000000	0.00079700	0.00808300	0.00000000	0.00000000	0.00000000
90.000	0.00000000	0.00353000	0.01696300	0.00000000	0.00000000	0.00000000
112.500	0.00000000	0.00489600	0.01366200	0.00000000	0.00000000	0.00000000
135.000	0.00000000	0.00671700	0.00922200	0.00000000	0.00000000	0.00000000
157.500	0.00000000	0.00409900	0.00546500	0.00000000	0.00000000	0.00000000
180.000	0.00000000	0.00853900	0.00501000	0.00000000	0.00000000	0.00000000
202.500	0.00000000	0.00341600	0.00057000	0.00000000	0.00000000	0.00000000
225.000	0.00000000	0.00432700	0.00079700	0.00000000	0.00000000	0.00000000
247.500	0.00000000	0.00273300	0.00307400	0.00000000	0.00000000	0.00000000
270.000	0.00000000	0.00432700	0.00364300	0.00000000	0.00000000	0.00000000
292.500	0.00000000	0.00273300	0.00261900	0.00000000	0.00000000	0.00000000
315.000	0.00000000	0.00261900	0.00637600	0.00000000	0.00000000	0.00000000
337.500	0.00000000	0.00227700	0.00626200	0.00000000	0.00000000	0.00000000

ANNUAL: STABILITY CATEGORY F

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00733800	0.00649000	0.00000000	0.00000000	0.00000000	0.00000000
22.500	0.00088900	0.00045600	0.00000000	0.00000000	0.00000000	0.00000000
45.000	0.00104600	0.00068400	0.00000000	0.00000000	0.00000000	0.00000000
67.500	0.00178500	0.00148000	0.00000000	0.00000000	0.00000000	0.00000000
90.000	0.00443000	0.00421300	0.00000000	0.00000000	0.00000000	0.00000000
112.500	0.00797000	0.00797000	0.00000000	0.00000000	0.00000000	0.00000000
135.000	0.01194600	0.00956300	0.00000000	0.00000000	0.00000000	0.00000000
157.500	0.00815700	0.00432700	0.00000000	0.00000000	0.00000000	0.00000000
180.000	0.01458500	0.00865300	0.00000000	0.00000000	0.00000000	0.00000000
202.500	0.00822800	0.00387100	0.00000000	0.00000000	0.00000000	0.00000000
225.000	0.00839100	0.00466800	0.00000000	0.00000000	0.00000000	0.00000000
247.500	0.00785100	0.00444000	0.00000000	0.00000000	0.00000000	0.00000000
270.000	0.01021900	0.00649000	0.00000000	0.00000000	0.00000000	0.00000000
292.500	0.00813500	0.00569300	0.00000000	0.00000000	0.00000000	0.00000000
315.000	0.01006200	0.00626200	0.00000000	0.00000000	0.00000000	0.00000000
337.500	0.00782900	0.00580700	0.00000000	0.00000000	0.00000000	0.00000000

SUM OF FREQUENCIES, FTOTAL = 1.00015

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-6000.00	-5500.00	-5000.00	X-COORD (METERS)				-3000.00	-2500.00	-2000.00
				-4500.00	-4000.00	-3500.00				
6000.00	0.049375	0.048612	0.047525	0.046073	0.044221	0.041911	0.039181	0.036079	0.038281	
5500.00	0.050958	0.052621	0.051663	0.050285	0.048388	0.045985	0.043077	0.039687	0.039462	
5000.00	0.052568	0.054444	0.056304	0.055005	0.053161	0.050727	0.047664	0.043976	0.040784	
4500.00	0.054243	0.056301	0.058343	0.060345	0.058658	0.056273	0.053109	0.049130	0.044390	
4000.00	0.055984	0.058190	0.060435	0.062726	0.064990	0.062779	0.059616	0.055397	0.050123	
3500.00	0.057749	0.060165	0.062657	0.065214	0.067826	0.070418	0.067434	0.063100	0.057289	
3000.00	0.059579	0.062247	0.065020	0.067884	0.070823	0.073834	0.076846	0.072593	0.066252	
2500.00	0.061492	0.064441	0.067534	0.070754	0.074080	0.077491	0.080919	0.084286	0.077834	
2000.00	0.069200	0.070581	0.071269	0.073842	0.077626	0.081507	0.085221	0.089002	0.092698	
1500.00	0.077729	0.080634	0.083147	0.084931	0.085476	0.085879	0.090107	0.094039	0.097397	
1000.00	0.086635	0.091292	0.095987	0.100492	0.104400	0.106753	0.106543	0.101573	0.103031	
500.00	0.095683	0.102236	0.109361	0.117008	0.125000	0.132654	0.139312	0.142319	0.138711	
0.00	0.104600	0.113082	0.122712	0.133666	0.146114	0.159821	0.174899	0.189433	0.201196	
-500.00	0.092796	0.099177	0.106134	0.113629	0.121507	0.129139	0.135863	0.139058	0.135273	
-1000.00	0.080364	0.084572	0.088799	0.092825	0.096259	0.098243	0.097764	0.092680	0.089321	
-1500.00	0.068054	0.070233	0.071978	0.072964	0.072705	0.071631	0.073482	0.073339	0.069843	
-2000.00	0.056218	0.056624	0.056284	0.057285	0.059232	0.060474	0.060443	0.058621	0.054469	
-2500.00	0.045217	0.046955	0.048546	0.049831	0.050602	0.050570	0.049354	0.046638	0.044787	
-3000.00	0.040624	0.041734	0.042593	0.043062	0.042958	0.042060	0.040147	0.039393	0.037387	
-3500.00	0.036333	0.036912	0.037188	0.037040	0.036323	0.034885	0.034633	0.033640	0.031679	
-4000.00	0.032372	0.032526	0.032355	0.031762	0.030641	0.030619	0.030130	0.029013	0.027165	
-4500.00	0.028754	0.028582	0.028082	0.027183	0.027271	0.027052	0.026414	0.025271	0.023570	
-5000.00	0.025483	0.025061	0.024331	0.024472	0.024402	0.024042	0.023331	0.022216	0.021717	
-5500.00	0.022547	0.021941	0.022108	0.022127	0.021935	0.021492	0.020756	0.019696	0.022052	
-6000.00	0.019925	0.020097	0.020162	0.020077	0.019810	0.019323	0.018592	0.017599	0.022177	

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-1500.00	-1000.00	-500.00	X-COORD (METERS)		1000.00	1500.00	2000.00	2500.00
				0.00	500.00				
6000.00	0.040735	0.043269	0.045820	0.048317	0.042109	0.035954	0.030039	0.024521	0.019616
5500.00	0.042053	0.044758	0.047504	0.050200	0.043132	0.036154	0.029518	0.023421	0.020338
5000.00	0.043495	0.046366	0.049312	0.052223	0.044100	0.036131	0.028654	0.021917	0.021145
4500.00	0.045104	0.048119	0.051260	0.054393	0.044959	0.035782	0.027329	0.021819	0.022057
4000.00	0.046956	0.050056	0.053349	0.056707	0.045611	0.034960	0.025390	0.022798	0.023107
3500.00	0.050113	0.052080	0.055375	0.058866	0.045706	0.033321	0.023561	0.023929	0.024332
3000.00	0.057934	0.054436	0.057476	0.060944	0.045108	0.030659	0.024662	0.025195	0.025759
2500.00	0.068196	0.057147	0.059077	0.061980	0.042856	0.026379	0.025857	0.026718	0.027433
2000.00	0.081880	0.066560	0.060586	0.061847	0.038602	0.025948	0.027095	0.028481	0.027347
1500.00	0.101015	0.081470	0.061239	0.057893	0.030798	0.026361	0.028711	0.027949	0.027264
1000.00	0.104040	0.103752	0.064079	0.047535	0.023798	0.026904	0.027596	0.027914	0.028005
500.00	0.121824	0.098221	0.066631	0.012346	0.019083	0.024703	0.031222	0.036060	0.037669
0.00	0.201656	0.172191	0.033479	0.000000	0.015471	0.045664	0.051082	0.051326	0.049281
-500.00	0.116861	0.083220	0.039036	0.011452	0.020178	0.030593	0.037374	0.040966	0.041496
-1000.00	0.081262	0.066281	0.039603	0.057135	0.035918	0.036848	0.036845	0.036003	0.034989
-1500.00	0.062666	0.051622	0.044038	0.069350	0.047196	0.041407	0.041264	0.038450	0.036001
-2000.00	0.049932	0.041719	0.049746	0.070975	0.053885	0.044260	0.042075	0.041042	0.037830
-2500.00	0.040759	0.035825	0.051079	0.068207	0.055545	0.045428	0.042422	0.040656	0.039246
-3000.00	0.033886	0.037170	0.050385	0.064345	0.054892	0.046642	0.041967	0.039950	0.038405
-3500.00	0.028650	0.037332	0.048518	0.059968	0.052813	0.046258	0.040995	0.039056	0.037451
-4000.00	0.027967	0.036853	0.046373	0.055939	0.050392	0.045147	0.040441	0.037919	0.036403
-4500.00	0.028185	0.035965	0.044122	0.052226	0.047842	0.043599	0.039679	0.036698	0.035314
-5000.00	0.028078	0.034912	0.041968	0.048934	0.045398	0.041928	0.038648	0.035651	0.034202
-5500.00	0.027760	0.033793	0.039956	0.046016	0.043118	0.040242	0.037479	0.034898	0.033087
-6000.00	0.027309	0.032666	0.038096	0.043423	0.041013	0.038601	0.036253	0.034023	0.031987

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)						
	3000.00	3500.00	4000.00	4500.00	5000.00	5500.00	6000.00
6000.00	0.019747	0.019878	0.019982	0.020027	0.020035	0.020004	0.019935
5500.00	0.020501	0.020658	0.020790	0.020877	0.020883	0.020836	0.020162
5000.00	0.021346	0.021531	0.021680	0.021780	0.021816	0.021068	0.020366
4500.00	0.022304	0.022519	0.022681	0.022779	0.021999	0.021267	0.020557
4000.00	0.023405	0.023648	0.023814	0.022942	0.022143	0.021416	0.020738
3500.00	0.024684	0.024947	0.023964	0.023076	0.022280	0.021556	0.020889
3000.00	0.026187	0.025073	0.024084	0.023210	0.022423	0.021705	0.021041
2500.00	0.026248	0.025177	0.024220	0.023366	0.022593	0.021881	0.021218
2000.00	0.026268	0.025327	0.024415	0.023582	0.023149	0.023351	0.023369
1500.00	0.026446	0.025592	0.025896	0.026250	0.026294	0.026134	0.025840
1000.00	0.029890	0.030587	0.030678	0.030337	0.029809	0.029179	0.028499
500.00	0.037897	0.037116	0.036062	0.034820	0.033588	0.032405	0.031284
0.00	0.046895	0.044194	0.041764	0.039488	0.037482	0.035703	0.034113
-500.00	0.040887	0.039467	0.037938	0.036341	0.034839	0.033447	0.032162
-1000.00	0.035387	0.034932	0.034161	0.033169	0.032143	0.031127	0.030142
-1500.00	0.033629	0.031447	0.030777	0.030249	0.029609	0.028912	0.028193
-2000.00	0.034968	0.032527	0.030362	0.028490	0.027310	0.026861	0.026358
-2500.00	0.036193	0.033538	0.031238	0.029257	0.027537	0.026030	0.024701
-3000.00	0.037066	0.034346	0.031995	0.029954	0.028172	0.026606	0.025220
-3500.00	0.036099	0.034913	0.032577	0.030526	0.028719	0.027121	0.025699
-4000.00	0.035111	0.033988	0.032971	0.030951	0.029152	0.027548	0.026100
-4500.00	0.034111	0.033051	0.032104	0.031227	0.029464	0.027867	0.026381
-5000.00	0.033100	0.032117	0.031230	0.030421	0.029645	0.028036	0.026572
-5500.00	0.032087	0.031185	0.030364	0.029600	0.028839	0.028099	0.026677
-6000.00	0.031084	0.030261	0.029496	0.028744	0.028034	0.027358	0.026701

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2
INCLUDING SOURCE(S): 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)								
	-6000.00	-5500.00	-5000.00	-4500.00	-4000.00	-3500.00	-3000.00	-2500.00	-2000.00
6000.00	0.000958	0.000971	0.000983	0.000986	0.000979	0.000957	0.000918	0.000861	0.000988
5500.00	0.001005	0.001086	0.001102	0.001115	0.001114	0.001101	0.001069	0.001011	0.001064
5000.00	0.001050	0.001144	0.001247	0.001263	0.001279	0.001279	0.001255	0.001200	0.001145
4500.00	0.001094	0.001201	0.001317	0.001450	0.001476	0.001495	0.001486	0.001441	0.001346
4000.00	0.001135	0.001251	0.001390	0.001547	0.001724	0.001758	0.001776	0.001751	0.001664
3500.00	0.001168	0.001301	0.001458	0.001642	0.001855	0.002097	0.002141	0.002155	0.002093
3000.00	0.001192	0.001341	0.001518	0.001729	0.001980	0.002279	0.002627	0.002686	0.002680
2500.00	0.001215	0.001367	0.001562	0.001800	0.002091	0.002451	0.002893	0.003425	0.003507
2000.00	0.001262	0.001416	0.001600	0.001844	0.002173	0.002595	0.003135	0.003844	0.004739
1500.00	0.001306	0.001476	0.001684	0.001941	0.002263	0.002675	0.003319	0.004207	0.005427
1000.00	0.001335	0.001518	0.001745	0.002032	0.002402	0.002887	0.003554	0.004484	0.006008
500.00	0.001348	0.001538	0.001777	0.002083	0.002485	0.003028	0.003805	0.004932	0.006791
0.00	0.001347	0.001540	0.001782	0.002095	0.002510	0.003077	0.003903	0.005147	0.007288
-500.00	0.001174	0.001324	0.001508	0.001737	0.002028	0.002402	0.002906	0.003576	0.004532
-1000.00	0.001007	0.001115	0.001242	0.001390	0.001561	0.001753	0.001957	0.002129	0.002414
-1500.00	0.000838	0.000905	0.000976	0.001047	0.001108	0.001137	0.001299	0.001471	0.001630
-2000.00	0.000672	0.000701	0.000722	0.000758	0.000837	0.000921	0.001002	0.001065	0.001048
-2500.00	0.000513	0.000549	0.000594	0.000642	0.000689	0.000732	0.000759	0.000743	0.000788
-3000.00	0.000449	0.000479	0.000509	0.000537	0.000561	0.000574	0.000561	0.000589	0.000616
-3500.00	0.000395	0.000414	0.000432	0.000446	0.000452	0.000442	0.000461	0.000482	0.000491
-4000.00	0.000345	0.000356	0.000365	0.000368	0.000359	0.000373	0.000389	0.000398	0.000397
-4500.00	0.000301	0.000305	0.000306	0.000299	0.000310	0.000322	0.000330	0.000333	0.000327
-5000.00	0.000260	0.000260	0.000255	0.000262	0.000272	0.000279	0.000283	0.000282	0.000311
-5500.00	0.000225	0.000220	0.000226	0.000234	0.000240	0.000244	0.000244	0.000241	0.000339
-6000.00	0.000193	0.000198	0.000204	0.000209	0.000212	0.000214	0.000213	0.000209	0.000352

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2
 INCLUDING SOURCE(S): 11

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-1500.00	-1000.00	-500.00	0.00	500.00	1000.00	1500.00	2000.00	2500.00
6000.00	0.001129	0.001268	0.001399	0.001503	0.001338	0.001166	0.000991	0.000820	0.000673
5500.00	0.001237	0.001408	0.001571	0.001699	0.001494	0.001281	0.001067	0.000858	0.000756
5000.00	0.001359	0.001575	0.001781	0.001941	0.001683	0.001414	0.001145	0.000888	0.000856
4500.00	0.001499	0.001776	0.002042	0.002248	0.001914	0.001566	0.001223	0.001005	0.000977
4000.00	0.001656	0.002019	0.002373	0.002646	0.002200	0.001739	0.001292	0.001172	0.001125
3500.00	0.001915	0.002316	0.002805	0.003181	0.002564	0.001931	0.001430	0.001383	0.001306
3000.00	0.002529	0.002682	0.003385	0.003925	0.003028	0.002123	0.001748	0.001655	0.001529
2500.00	0.003440	0.003123	0.004184	0.005031	0.003638	0.002298	0.002184	0.002008	0.001818
2000.00	0.004811	0.004537	0.005359	0.006767	0.004402	0.003048	0.002786	0.002493	0.002063
1500.00	0.007174	0.007265	0.007073	0.009741	0.005186	0.004277	0.003717	0.002880	0.002294
1000.00	0.008621	0.012796	0.012251	0.015450	0.007407	0.006463	0.004520	0.003249	0.002533
500.00	0.009948	0.016498	0.033786	0.029650	0.016182	0.008354	0.005604	0.004120	0.003153
0.00	0.011332	0.021126	0.058901	0.000000	0.031995	0.013231	0.007602	0.005125	0.003725
-500.00	0.005734	0.006935	0.008760	0.029749	0.020104	0.009178	0.005834	0.004247	0.003231
-1000.00	0.002920	0.003080	0.003454	0.012399	0.010459	0.008009	0.005200	0.003573	0.002681
-1500.00	0.001643	0.001799	0.002854	0.007251	0.006302	0.005567	0.004604	0.003378	0.002600
-2000.00	0.001126	0.001170	0.002585	0.004865	0.004446	0.003983	0.003534	0.003088	0.002448
-2500.00	0.000823	0.000913	0.002194	0.003540	0.003322	0.002987	0.002802	0.002530	0.002251
-3000.00	0.000620	0.001000	0.001853	0.002723	0.002611	0.002391	0.002247	0.002095	0.001915
-3500.00	0.000480	0.000982	0.001583	0.002184	0.002114	0.001976	0.001838	0.001756	0.001642
-4000.00	0.000515	0.000927	0.001366	0.001802	0.001756	0.001666	0.001543	0.001487	0.001416
-4500.00	0.000543	0.000860	0.001193	0.001521	0.001489	0.001426	0.001340	0.001274	0.001230
-5000.00	0.000543	0.000793	0.001052	0.001306	0.001283	0.001238	0.001175	0.001099	0.001076
-5500.00	0.000529	0.000730	0.000936	0.001137	0.001120	0.001087	0.001040	0.000983	0.000949
-6000.00	0.000508	0.000673	0.000839	0.001002	0.000989	0.000964	0.000928	0.000884	0.000843

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2
INCLUDING SOURCE(S): 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)						
	3000.00	3500.00	4000.00	4500.00	5000.00	5500.00	6000.00
6000.00	0.000661	0.000643	0.000622	0.000598	0.000573	0.000546	0.000522
5500.00	0.000738	0.000712	0.000683	0.000653	0.000621	0.000591	0.000551
5000.00	0.000828	0.000793	0.000753	0.000712	0.000676	0.000627	0.000581
4500.00	0.000935	0.000886	0.000833	0.000784	0.000720	0.000663	0.000611
4000.00	0.001063	0.000994	0.000929	0.000843	0.000766	0.000698	0.000639
3500.00	0.001214	0.001126	0.001008	0.000904	0.000813	0.000733	0.000666
3000.00	0.001404	0.001235	0.001089	0.000963	0.000856	0.000765	0.000687
2500.00	0.001561	0.001345	0.001165	0.001017	0.000894	0.000792	0.000713
2000.00	0.001716	0.001445	0.001231	0.001059	0.000942	0.000861	0.000789
1500.00	0.001850	0.001525	0.001342	0.001195	0.001069	0.000961	0.000869
1000.00	0.002129	0.001807	0.001556	0.001354	0.001190	0.001056	0.000945
500.00	0.002542	0.002086	0.001754	0.001500	0.001301	0.001143	0.001014
0.00	0.002906	0.002333	0.001930	0.001631	0.001402	0.001222	0.001077
-500.00	0.002595	0.002124	0.001782	0.001521	0.001318	0.001156	0.001025
-1000.00	0.002228	0.001879	0.001610	0.001395	0.001223	0.001083	0.000967
-1500.00	0.002037	0.001636	0.001417	0.001253	0.001115	0.000999	0.000900
-2000.00	0.001979	0.001626	0.001355	0.001146	0.001001	0.000909	0.000829
-2500.00	0.001867	0.001568	0.001330	0.001139	0.000985	0.000859	0.000761
-3000.00	0.001738	0.001484	0.001280	0.001111	0.000971	0.000855	0.000757
-3500.00	0.001516	0.001394	0.001216	0.001070	0.000946	0.000840	0.000752
-4000.00	0.001330	0.001238	0.001150	0.001021	0.000911	0.000817	0.000738
-4500.00	0.001172	0.001106	0.001036	0.000970	0.000873	0.000792	0.000719
-5000.00	0.001037	0.000990	0.000938	0.000885	0.000837	0.000762	0.000696
-5500.00	0.000923	0.000889	0.000851	0.000812	0.000771	0.000731	0.000671
-6000.00	0.000826	0.000804	0.000776	0.000745	0.000712	0.000678	0.000646

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)								
	-6000.00	-5500.00	-5000.00	-4500.00	-4000.00	-3500.00	-3000.00	-2500.00	-2000.00
6000.00	0.050333	0.049583	0.048508	0.047059	0.045200	0.042868	0.040099	0.036940	0.039269
5500.00	0.051962	0.053708	0.052765	0.051400	0.049502	0.047087	0.044145	0.040698	0.040526
5000.00	0.053618	0.055589	0.057551	0.056268	0.054440	0.052006	0.048919	0.045176	0.041929
4500.00	0.055338	0.057502	0.059660	0.061795	0.060135	0.057768	0.054595	0.050571	0.045736
4000.00	0.057118	0.059441	0.061825	0.064273	0.066714	0.064537	0.061392	0.057148	0.051787
3500.00	0.058917	0.061466	0.064116	0.066856	0.069681	0.072514	0.069575	0.065255	0.059381
3000.00	0.060771	0.063588	0.066538	0.069613	0.072803	0.076113	0.079473	0.075279	0.068932
2500.00	0.062708	0.065809	0.069096	0.072554	0.076171	0.079942	0.083812	0.087711	0.081341
2000.00	0.070462	0.071997	0.072869	0.075686	0.079800	0.084102	0.088357	0.092846	0.097437
1500.00	0.079035	0.082110	0.084831	0.086872	0.087740	0.088554	0.093427	0.098246	0.102824
1000.00	0.087970	0.092810	0.097733	0.102524	0.106802	0.109640	0.110097	0.106056	0.109039
500.00	0.097031	0.103774	0.111138	0.119091	0.127485	0.135682	0.143116	0.147251	0.145502
0.00	0.105947	0.114621	0.124494	0.135761	0.148624	0.162898	0.178802	0.194580	0.208484
-500.00	0.093971	0.100501	0.107642	0.115366	0.123535	0.131541	0.138770	0.142634	0.139805
-1000.00	0.081371	0.085687	0.090041	0.094215	0.097821	0.099996	0.099721	0.094809	0.091735
-1500.00	0.068892	0.071138	0.072954	0.074012	0.073813	0.072767	0.074780	0.074810	0.071473
-2000.00	0.056890	0.057326	0.057007	0.058042	0.060068	0.061395	0.061445	0.059686	0.055517
-2500.00	0.045729	0.047504	0.049140	0.050473	0.051291	0.051302	0.050112	0.047381	0.045575
-3000.00	0.041073	0.042213	0.043102	0.043599	0.043519	0.042634	0.040708	0.039982	0.038004
-3500.00	0.036729	0.037326	0.037620	0.037486	0.036775	0.035327	0.035094	0.034122	0.032169
-4000.00	0.032717	0.032882	0.032720	0.032130	0.031000	0.030992	0.030519	0.029411	0.027563
-4500.00	0.029054	0.028887	0.028388	0.027482	0.027581	0.027374	0.026744	0.025604	0.023897
-5000.00	0.025744	0.025322	0.024586	0.024734	0.024673	0.024321	0.023613	0.022497	0.022027
-5500.00	0.022772	0.022161	0.022334	0.022361	0.022175	0.021735	0.021001	0.019937	0.022391
-6000.00	0.020117	0.020294	0.020366	0.020286	0.020022	0.019537	0.018805	0.017808	0.022529

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-1500.00	-1000.00	-500.00	X-COORD (METERS)					2000.00	2500.00
				0.00	500.00	1000.00	1500.00			
6000.00	0.041864	0.044537	0.047219	0.049819	0.043447	0.037119	0.031031	0.025341	0.020289	
5500.00	0.043290	0.046166	0.049075	0.051899	0.044626	0.037435	0.030585	0.024279	0.021094	
5000.00	0.044854	0.047941	0.051093	0.054164	0.045783	0.037545	0.029799	0.022805	0.022001	
4500.00	0.046603	0.049894	0.053301	0.056641	0.046872	0.037349	0.028553	0.022824	0.023034	
4000.00	0.048611	0.052075	0.055721	0.059352	0.047811	0.036699	0.026682	0.023970	0.024231	
3500.00	0.052028	0.054396	0.058180	0.062047	0.048270	0.035252	0.024992	0.025313	0.025637	
3000.00	0.060462	0.057118	0.060861	0.064869	0.048136	0.032782	0.026411	0.026849	0.027288	
2500.00	0.071636	0.060270	0.063262	0.067011	0.046494	0.028676	0.028042	0.028725	0.029251	
2000.00	0.086692	0.071097	0.065945	0.068614	0.043004	0.028996	0.029881	0.030974	0.029410	
1500.00	0.108189	0.088735	0.068312	0.067634	0.035984	0.030638	0.032428	0.030829	0.029559	
1000.00	0.112661	0.116548	0.076330	0.062984	0.031204	0.033366	0.032116	0.031163	0.030538	
500.00	0.131772	0.114719	0.100418	0.041996	0.035266	0.033057	0.036827	0.040180	0.040822	
0.00	0.212988	0.193316	0.092380	0.000000	0.047466	0.058895	0.058684	0.056451	0.053006	
-500.00	0.122595	0.090155	0.047796	0.041201	0.040282	0.039771	0.043208	0.045213	0.044728	
-1000.00	0.084182	0.069361	0.043057	0.069534	0.046377	0.044857	0.042045	0.039576	0.037670	
-1500.00	0.064309	0.053421	0.046892	0.076600	0.053499	0.046974	0.045868	0.041828	0.038601	
-2000.00	0.051058	0.042889	0.052331	0.075840	0.058331	0.048243	0.045610	0.044130	0.040278	
-2500.00	0.041582	0.036738	0.053273	0.071747	0.058867	0.048416	0.045224	0.043186	0.041497	
-3000.00	0.034507	0.038170	0.052238	0.067069	0.057503	0.049032	0.044214	0.042045	0.040320	
-3500.00	0.029130	0.038314	0.050101	0.062152	0.054927	0.048234	0.042833	0.040811	0.039093	
-4000.00	0.028482	0.037779	0.047739	0.057741	0.052149	0.046813	0.041984	0.039405	0.037819	
-4500.00	0.028727	0.036826	0.045315	0.053746	0.049331	0.045025	0.041019	0.037972	0.036544	
-5000.00	0.028621	0.035706	0.043020	0.050239	0.046681	0.043165	0.039823	0.036751	0.035278	
-5500.00	0.028289	0.034524	0.040892	0.047153	0.044238	0.041329	0.038519	0.035881	0.034036	
-6000.00	0.027817	0.033338	0.038935	0.044425	0.042002	0.039565	0.037181	0.034907	0.032829	

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)						
	3000.00	3500.00	4000.00	4500.00	5000.00	5500.00	6000.00
6000.00	0.020408	0.020522	0.020605	0.020626	0.020608	0.020550	0.020457
5500.00	0.021239	0.021370	0.021473	0.021530	0.021503	0.021427	0.020713
5000.00	0.022174	0.022324	0.022433	0.022492	0.022492	0.021695	0.020947
4500.00	0.023239	0.023405	0.023514	0.023562	0.022719	0.021930	0.021167
4000.00	0.024467	0.024641	0.024743	0.023786	0.022909	0.022114	0.021378
3500.00	0.025898	0.026072	0.024972	0.023980	0.023092	0.022289	0.021555
3000.00	0.027591	0.026308	0.025173	0.024173	0.023279	0.022470	0.021728
2500.00	0.027809	0.026522	0.025385	0.024383	0.023486	0.022672	0.021931
2000.00	0.027984	0.026773	0.025645	0.024642	0.024092	0.024212	0.024158
1500.00	0.028296	0.027117	0.027238	0.027445	0.027363	0.027095	0.026709
1000.00	0.032019	0.032394	0.032234	0.031691	0.030999	0.030235	0.029444
500.00	0.040439	0.039202	0.037816	0.036320	0.034889	0.033547	0.032298
0.00	0.049801	0.046527	0.043694	0.041119	0.038884	0.036924	0.035191
-500.00	0.043482	0.041591	0.039720	0.037862	0.036156	0.034603	0.033187
-1000.00	0.037616	0.036812	0.035771	0.034564	0.033366	0.032209	0.031109
-1500.00	0.035666	0.033083	0.032194	0.031502	0.030725	0.029911	0.029093
-2000.00	0.036947	0.034153	0.031718	0.029635	0.028311	0.027771	0.027187
-2500.00	0.038060	0.035107	0.032568	0.030396	0.028522	0.026889	0.025462
-3000.00	0.038804	0.035831	0.033275	0.031065	0.029144	0.027461	0.025977
-3500.00	0.037615	0.036306	0.033794	0.031596	0.029665	0.027960	0.026451
-4000.00	0.036442	0.035226	0.034121	0.031971	0.030064	0.028365	0.026839
-4500.00	0.035282	0.034157	0.033141	0.032197	0.030337	0.028660	0.027100
-5000.00	0.034137	0.033106	0.032168	0.031306	0.030482	0.028798	0.027268
-5500.00	0.033010	0.032074	0.031214	0.030412	0.029610	0.028830	0.027348
-6000.00	0.031910	0.031065	0.030272	0.029489	0.028745	0.028036	0.027348

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.201656	AT (	-1500.00, 0.00) GC	6.	0.159821	AT (	-3500.00, 0.00) GC
2.	0.201196	AT (	-2000.00, 0.00) GC	7.	0.146114	AT (	-4000.00, 0.00) GC
3.	0.189433	AT (	-2500.00, 0.00) GC	8.	0.142319	AT (	-2500.00, 500.00) GC
4.	0.174899	AT (	-3000.00, 0.00) GC	9.	0.139312	AT (	-3000.00, 500.00) GC
5.	0.172191	AT (	-1000.00, 0.00) GC	10.	0.139058	AT (	-2500.00, -500.00) GC

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: 2 ***
 INCLUDING SOURCE(S): 11 ,

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.058901	AT (	-500.00, 0.00) GC	6.	0.021126	AT (	-1000.00, 0.00) GC
2.	0.033786	AT (	-500.00, 500.00) GC	7.	0.020104	AT (	500.00, -500.00) GC
3.	0.031995	AT (	500.00, 0.00) GC	8.	0.016498	AT (	-1000.00, 500.00) GC
4.	0.029749	AT (	0.00, -500.00) GC	9.	0.016182	AT (	500.00, 500.00) GC
5.	0.029650	AT (	0.00, 500.00) GC	10.	0.015450	AT (	0.00, 1000.00) GC

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.212988	AT (	-1500.00, 0.00) GC	6.	0.162898	AT (	-3500.00, 0.00) GC
2.	0.208484	AT (	-2000.00, 0.00) GC	7.	0.148624	AT (	-4000.00, 0.00) GC
3.	0.194580	AT (	-2500.00, 0.00) GC	8.	0.147251	AT (	-2500.00, 500.00) GC
4.	0.193316	AT (	-1000.00, 0.00) GC	9.	0.145502	AT (	-2000.00, 500.00) GC
5.	0.178802	AT (	-3000.00, 0.00) GC	10.	0.143116	AT (	-3000.00, 500.00) GC

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

ISC MODEL RESULTS
NO_x ANNUAL
100 METER GRID
YEAR 1985

NO ECHO

*** Message Summary For ISC2 Model Setup ***

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

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

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

***** WARNING MESSAGES *****
SO W320 26 PPARM : Source Parameter May Be Out-of-Range for Parameter VS
SO W320 27 PPARM : Source Parameter May Be Out-of-Range for Parameter VS

*** SETUP Finishes Successfully ***

*** ISCLT2 - VERSION 92062 ***

*** ENRON III STATION 21 MAX ANNUAL NOX 100 M GRID 2-11-93 1985
*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

*** 02/26/93
*** 13:28:30
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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

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

**Model Uses RURAL Dispersion.

**Model Uses Regulatory DEFAULT Options:

1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Default Wind Profile Exponents.
5. Default Vertical Potential Temperature Gradients.
6. "Upper Bound" Values For Supersquat Buildings.
7. No Exponential Decay for RURAL Mode

**Model Assumes Receptors on FLAT Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates 1 STAR Average(s) for the Following Months: 0 0 0 0 0 0 0 0 0 0 0 0
Seasons/Quarters: 0 0 0 0
and Annual: 1

**Model Assumes 1 STAR Summaries In Data File for the Averaging Periods Identified Above

**This Run Includes: 3 Source(s); 3 Source Group(s); and 625 Receptor(s)

**The Model Assumes A Pollutant Type of: NOX

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

**Output Options Selected:

Model Outputs Tables of Long Term Values by Receptor (RECTABLE Keyword)
Model Outputs Tables of Maximum Long Term Values (MAXTABLE Keyword)
Model Outputs External File(s) of Long Term Values for Plotting (PLOTFILE Keyword)

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SECOND ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/CUBIC-METER

**Input Runstream File: st21n851.ann ; **Output Print File: st21n851.out

**Error Message File: st21n85.err

*** ISCLT2 - VERSION 92062 ***

*** ENRON III STATION 21 MAX ANNUAL NOX 100 M GRID 2-11-93 1985

*** 02/26/93

*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER	EMISSION RATE			BASE ELEV.	STACK HEIGHT	STACK TEMP.	STACK EXIT VEL.	STACK DIAMETER	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
	PART. CATS.	(USER UNITS)	X (METERS)	Y (METERS)	(METERS)	(METERS)	(DEG.K)	(M/SEC)	(METERS)		
1	0	0.11200E+01	0.0	0.0	0.0	15.24	763.72	55.43	1.01	YES	
2	0	0.11200E+01	0.0	-17.0	0.0	15.24	763.72	55.43	1.01	YES	
11	0	0.10000E-01	-20.0	5.0	0.0	6.10	894.27	44.10	0.09	YES	

*** ISCLT2 - VERSION 92062 ***

*** ENRON III STATION 21 MAX ANNUAL NOX 100 M GRID 2-11-93 1985
*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID

SOURCE IDs

1 1 , 2 ,

2 11 ,

3 1 , 2 , 11 ,

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: 1

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	9.1,	19.1,	0	2	9.1,	30.3,	0	3	9.1,	37.1,	0	4	9.1,	38.5,	0
5	9.1,	38.3,	0	6	9.1,	38.5,	0	7	9.1,	37.2,	0	8	9.1,	30.5,	0
9	9.1,	19.1,	0	10	9.1,	30.3,	0	11	9.1,	37.1,	0	12	9.1,	38.5,	0
13	9.1,	38.3,	0	14	9.1,	38.5,	0	15	9.1,	37.2,	0	16	9.1,	30.5,	0

SOURCE ID: 2

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	9.1,	19.1,	0	2	9.1,	30.3,	0	3	9.1,	37.1,	0	4	9.1,	38.5,	0
5	9.1,	38.3,	0	6	9.1,	38.5,	0	7	9.1,	37.2,	0	8	9.1,	30.5,	0
9	9.1,	19.1,	0	10	9.1,	30.3,	0	11	9.1,	37.1,	0	12	9.1,	38.5,	0
13	9.1,	38.3,	0	14	9.1,	38.5,	0	15	9.1,	37.2,	0	16	9.1,	30.5,	0

SOURCE ID: 11

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	5.7,	9.3,	0	2	5.7,	14.3,	0	3	9.1,	37.1,	0	4	9.1,	38.5,	0
5	9.1,	38.3,	0	6	9.1,	38.5,	0	7	9.1,	37.2,	0	8	9.1,	30.5,	0
9	5.7,	9.3,	0	10	5.7,	14.3,	0	11	9.1,	37.1,	0	12	9.1,	38.5,	0
13	9.1,	38.3,	0	14	9.1,	38.5,	0	15	9.1,	37.2,	0	16	9.1,	30.5,	0

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

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

-1200.0,	-1100.0,	-1000.0,	-900.0,	-800.0,	-700.0,	-600.0,	-500.0,	-400.0,	-300.0,
-200.0,	-100.0,	0.0,	100.0,	200.0,	300.0,	400.0,	500.0,	600.0,	700.0,
800.0,	900.0,	1000.0,	1100.0,	1200.0,					

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

-1200.0,	-1100.0,	-1000.0,	-900.0,	-800.0,	-700.0,	-600.0,	-500.0,	-400.0,	-300.0,
-200.0,	-100.0,	0.0,	100.0,	200.0,	300.0,	400.0,	500.0,	600.0,	700.0,
800.0,	900.0,	1000.0,	1100.0,	1200.0,					

*** ISCLT2 - VERSION 92062 ***

*** ENRON III STATION 21 MAX ANNUAL NOX 100 M GRID 2-11-93 1985

02/26/93

*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

* SOURCE-RECEPTOR COMBINATIONS LESS THAN 1.0 METER OR 3*ZLB *
IN DISTANCE. CALCULATIONS MAY NOT BE PERFORMED.

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
1	0.0	0.0	0.00

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** AVERAGE SPEED FOR EACH WIND SPEED CATEGORY ***
 (METERS/SEC)

1.50, 2.50, 4.30, 6.80, 9.50, 12.50,

*** WIND PROFILE EXPONENTS ***

STABILITY CATEGORY	WIND SPEED CATEGORY					
	1	2	3	4	5	6
A	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01
B	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01
C	.10000E+00	.10000E+00	.10000E+00	.10000E+00	.10000E+00	.10000E+00
D	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
E	.35000E+00	.35000E+00	.35000E+00	.35000E+00	.35000E+00	.35000E+00
F	.55000E+00	.55000E+00	.55000E+00	.55000E+00	.55000E+00	.55000E+00

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
 (DEGREES KELVIN PER METER)

STABILITY CATEGORY	WIND SPEED CATEGORY					
	1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

*** AVERAGE AMBIENT AIR TEMPERATURE (KELVIN) ***

	STABILITY CATEGORY A	STABILITY CATEGORY B	STABILITY CATEGORY C	STABILITY CATEGORY D	STABILITY CATEGORY E	STABILITY CATEGORY F
ANNUAL	301.4000	301.4000	301.4000	296.8000	292.2000	292.2000

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** FREQUENCY OF OCCURRENCE OF WIND SPEED, DIRECTION AND STABILITY ***

FILE: jfwpb85.Y

FORMAT: (6F10.6)

SURFACE STATION NO.: 12844

UPPER AIR STATION NO.: 12844

NAME: WESTPALMBEACH-FL

NAME: WESTPALMBEACH-FL

YEAR: 1985

YEAR: 1985

ANNUAL: STABILITY CATEGORY A

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00003300	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
22.500	0.00014700	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
45.000	0.00018000	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
67.500	0.00003300	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
90.000	0.00006600	0.00022900	0.00000000	0.00000000	0.00000000	0.00000000
112.500	0.00021300	0.00022900	0.00000000	0.00000000	0.00000000	0.00000000
135.000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
157.500	0.00016400	0.00057100	0.00000000	0.00000000	0.00000000	0.00000000
180.000	0.00009800	0.00034300	0.00000000	0.00000000	0.00000000	0.00000000
202.500	0.00003300	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
225.000	0.00003300	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
247.500	0.00003300	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
270.000	0.00016400	0.00057100	0.00000000	0.00000000	0.00000000	0.00000000
292.500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
315.000	0.00003300	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
337.500	0.00003300	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000

ANNUAL: STABILITY CATEGORY B

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00148400	0.00137000	0.00057100	0.00000000	0.00000000	0.00000000
22.500	0.00022300	0.00068500	0.00045700	0.00000000	0.00000000	0.00000000
45.000	0.00009400	0.00068500	0.00091400	0.00000000	0.00000000	0.00000000
67.500	0.00071100	0.00045700	0.00228400	0.00000000	0.00000000	0.00000000
90.000	0.00063800	0.00182700	0.00582200	0.00000000	0.00000000	0.00000000
112.500	0.00053900	0.00205500	0.00365300	0.00000000	0.00000000	0.00000000
135.000	0.00051400	0.00091400	0.00445300	0.00000000	0.00000000	0.00000000
157.500	0.00046200	0.00148500	0.00228400	0.00000000	0.00000000	0.00000000
180.000	0.00121300	0.00319700	0.00228400	0.00000000	0.00000000	0.00000000
202.500	0.00078900	0.00102800	0.00080000	0.00000000	0.00000000	0.00000000
225.000	0.00093400	0.00114200	0.00080000	0.00000000	0.00000000	0.00000000
247.500	0.00062800	0.00080000	0.00114200	0.00000000	0.00000000	0.00000000
270.000	0.00112600	0.00159900	0.00194100	0.00000000	0.00000000	0.00000000
292.500	0.00129200	0.00091400	0.00114200	0.00000000	0.00000000	0.00000000
315.000	0.00157700	0.00205500	0.00102800	0.00000000	0.00000000	0.00000000
337.500	0.00114100	0.00171300	0.00057100	0.00000000	0.00000000	0.00000000

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-1200.00	-1100.00	-1000.00	-900.00	-800.00	-700.00	-600.00	-500.00	-400.00
1200.00	0.105282	0.100648	0.095399	0.089564	0.083225	0.076531	0.069718	0.063221	0.061903
1100.00	0.104841	0.106143	0.100575	0.094283	0.087342	0.079910	0.072258	0.064783	0.060823
1000.00	0.103716	0.105251	0.106242	0.099468	0.091867	0.083600	0.074968	0.066445	0.059519
900.00	0.102499	0.103572	0.104672	0.105134	0.096820	0.087617	0.077853	0.068062	0.058987
800.00	0.101273	0.101800	0.102207	0.102575	0.102191	0.091959	0.080794	0.069009	0.058251
700.00	0.100163	0.100081	0.099687	0.099027	0.098231	0.096500	0.083198	0.069699	0.057147
600.00	0.099344	0.098625	0.097364	0.095551	0.093129	0.089802	0.085627	0.070234	0.055567
500.00	0.099041	0.097715	0.095590	0.092565	0.087936	0.082499	0.076826	0.070453	0.048350
400.00	0.110441	0.103488	0.095665	0.090502	0.084082	0.076498	0.068063	0.053711	0.039568
300.00	0.125175	0.117825	0.108905	0.097423	0.084655	0.072878	0.058750	0.039410	0.023361
200.00	0.141754	0.134502	0.125272	0.111930	0.096740	0.079842	0.054886	0.031759	0.014118
100.00	0.159872	0.153212	0.144231	0.130128	0.113509	0.093703	0.060143	0.030588	0.010999
0.00	0.179076	0.173425	0.165440	0.151351	0.134306	0.113601	0.074439	0.038647	0.014102
-100.00	0.162807	0.156146	0.147054	0.132546	0.115552	0.095140	0.060884	0.031597	0.013552
-200.00	0.144278	0.136768	0.127206	0.112880	0.096765	0.078793	0.052115	0.029991	0.014998
-300.00	0.127351	0.119474	0.109940	0.097132	0.082617	0.068012	0.050263	0.030122	0.015051
-400.00	0.112365	0.104631	0.095734	0.086100	0.074637	0.062478	0.049603	0.032699	0.019822
-500.00	0.099552	0.093721	0.087075	0.079235	0.069131	0.058290	0.047763	0.037913	0.023361
-600.00	0.091914	0.086492	0.080165	0.072975	0.064709	0.055568	0.047132	0.036269	0.025185
-700.00	0.085108	0.079908	0.074018	0.067548	0.060730	0.053769	0.044004	0.033694	0.023765
-800.00	0.078857	0.073963	0.068585	0.062882	0.057131	0.049346	0.040483	0.030989	0.021991
-900.00	0.073150	0.068616	0.063784	0.058846	0.052230	0.044725	0.036642	0.028269	0.020147
-1000.00	0.067958	0.063811	0.059527	0.053892	0.047454	0.040403	0.032929	0.025341	0.019015
-1100.00	0.063242	0.059487	0.054663	0.049137	0.043023	0.036423	0.029520	0.022590	0.020458
-1200.00	0.058957	0.054799	0.050038	0.044739	0.038956	0.032792	0.026417	0.020071	0.021811

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-300.00	-200.00	-100.00	X-COORD (METERS)			300.00	400.00	500.00
				0.00	100.00	200.00			
1200.00	0.061061	0.060734	0.061014	0.061957	0.053799	0.046009	0.038814	0.032381	0.026891
1100.00	0.059394	0.058593	0.058559	0.059378	0.050817	0.042731	0.035392	0.028986	0.026063
1000.00	0.057343	0.055928	0.055424	0.056142	0.047193	0.038898	0.031528	0.025301	0.025253
900.00	0.054445	0.052000	0.050940	0.051458	0.042341	0.034067	0.027031	0.022890	0.024339
800.00	0.050861	0.047429	0.045687	0.045948	0.036816	0.028760	0.022234	0.021225	0.023146
700.00	0.047039	0.042182	0.039400	0.039557	0.030568	0.023108	0.017835	0.019459	0.021881
600.00	0.041389	0.032279	0.027189	0.027024	0.019959	0.015190	0.014698	0.017647	0.020668
500.00	0.030754	0.020870	0.015233	0.014967	0.010549	0.008403	0.010140	0.014156	0.019572
400.00	0.020457	0.010266	0.006425	0.006634	0.004576	0.004373	0.006439	0.010846	0.014680
300.00	0.012574	0.004201	0.002338	0.003562	0.002438	0.002445	0.004093	0.006585	0.010773
200.00	0.005062	0.002803	0.001625	0.003140	0.002152	0.001994	0.002168	0.004257	0.008798
100.00	0.003170	0.002171	0.001526	0.001738	0.001605	0.001475	0.001614	0.003837	0.009547
0.00	0.004324	0.003810	0.004244	0.000000	0.000532	0.002358	0.002747	0.005453	0.012920
-100.00	0.008453	0.011343	0.002441	0.000141	0.002238	0.004029	0.003479	0.005174	0.010934
-200.00	0.006392	0.000985	0.001121	0.000924	0.001800	0.002320	0.003449	0.006023	0.010899
-300.00	0.005668	0.001502	0.001145	0.001070	0.001784	0.002569	0.005351	0.008559	0.013550
-400.00	0.008818	0.003212	0.001981	0.002119	0.002814	0.004576	0.008089	0.014639	0.019371
-500.00	0.011863	0.005644	0.004850	0.005653	0.006149	0.009032	0.012666	0.019296	0.027913
-600.00	0.014402	0.009837	0.009934	0.011763	0.011991	0.014981	0.019138	0.024693	0.029930
-700.00	0.015169	0.014815	0.016390	0.019327	0.019311	0.021593	0.024681	0.027669	0.031786
-800.00	0.016534	0.018072	0.020442	0.023606	0.023737	0.025262	0.028009	0.030668	0.033931
-900.00	0.018901	0.020996	0.023777	0.027154	0.027278	0.028581	0.030935	0.033658	0.036129
-1000.00	0.021099	0.023699	0.026779	0.030308	0.030446	0.031576	0.033453	0.035904	0.037788
-1100.00	0.022890	0.025752	0.028993	0.032521	0.032745	0.033684	0.035255	0.037329	0.039253
-1200.00	0.024465	0.027468	0.030763	0.034267	0.034523	0.035363	0.036720	0.038499	0.040520

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)						
	600.00	700.00	800.00	900.00	1000.00	1100.00	1200.00
1200.00	0.027716	0.028884	0.030191	0.031569	0.032960	0.034326	0.035637
1100.00	0.027242	0.028655	0.030200	0.031795	0.033379	0.034906	0.034728
1000.00	0.026722	0.028430	0.030253	0.032097	0.033892	0.033837	0.033661
900.00	0.026171	0.028229	0.030373	0.032494	0.032617	0.032603	0.032611
800.00	0.025581	0.028083	0.030586	0.030959	0.031178	0.031405	0.031618
700.00	0.024818	0.028009	0.028737	0.029280	0.029815	0.030307	0.030739
600.00	0.024163	0.025512	0.026748	0.027748	0.028623	0.029390	0.030040
500.00	0.021360	0.023099	0.024868	0.026500	0.027718	0.028746	0.029597
400.00	0.018836	0.021235	0.023534	0.025648	0.027409	0.029656	0.031646
300.00	0.016145	0.020167	0.023526	0.027050	0.030095	0.032490	0.034513
200.00	0.015396	0.022330	0.026653	0.030402	0.033645	0.035990	0.037920
100.00	0.017875	0.026486	0.031118	0.034819	0.037939	0.040101	0.041810
0.00	0.022925	0.032354	0.036722	0.040127	0.042932	0.044705	0.046088
-100.00	0.019628	0.028659	0.033480	0.037229	0.040374	0.042495	0.044129
-200.00	0.018216	0.026096	0.030723	0.034630	0.037975	0.040255	0.042076
-300.00	0.020046	0.025283	0.029417	0.033248	0.036412	0.038708	0.040577
-400.00	0.024898	0.027823	0.030628	0.033320	0.035675	0.037834	0.039625
-500.00	0.029720	0.031624	0.033684	0.035637	0.037001	0.038144	0.039200
-600.00	0.035218	0.036285	0.037557	0.038525	0.039311	0.040014	0.040612
-700.00	0.036614	0.041362	0.041559	0.041754	0.042005	0.042261	0.042490
-800.00	0.037926	0.041958	0.045476	0.045126	0.044892	0.044727	0.044597
-900.00	0.039062	0.042267	0.045567	0.048470	0.047818	0.047278	0.046819
-1000.00	0.040078	0.042702	0.045481	0.048273	0.050672	0.049813	0.049065
-1100.00	0.041049	0.043183	0.045507	0.047899	0.050264	0.052258	0.051267
-1200.00	0.041919	0.043649	0.045586	0.047627	0.049687	0.051704	0.053378

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2 ***
 INCLUDING SOURCE(S): 11

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-1200.00	-1100.00	-1000.00	-900.00	-800.00	-700.00	-600.00	-500.00	-400.00
1200.00	0.009468	0.009421	0.009533	0.009565	0.009569	0.009454	0.009192	0.008822	0.009917
1100.00	0.009930	0.010699	0.010579	0.010771	0.010865	0.010827	0.010618	0.010195	0.010555
1000.00	0.010316	0.011200	0.012238	0.012165	0.012387	0.012467	0.012352	0.011980	0.011459
900.00	0.010699	0.011762	0.012951	0.014282	0.014176	0.014431	0.014472	0.014211	0.013551
800.00	0.011099	0.012293	0.013653	0.015194	0.016945	0.016787	0.017077	0.017023	0.016500
700.00	0.011437	0.012765	0.014305	0.016088	0.018145	0.020529	0.020291	0.020626	0.020141
600.00	0.011688	0.013144	0.014863	0.016899	0.019311	0.022169	0.025571	0.024958	0.025161
500.00	0.012695	0.013387	0.015271	0.017552	0.020332	0.023676	0.027656	0.032604	0.031967
400.00	0.013588	0.014863	0.017042	0.018529	0.021101	0.024806	0.029712	0.036088	0.044458
300.00	0.015048	0.016685	0.018596	0.020840	0.023953	0.028031	0.031261	0.039264	0.050298
200.00	0.016434	0.018425	0.020821	0.023763	0.027014	0.031369	0.037082	0.048904	0.056350
100.00	0.017692	0.020006	0.022849	0.026443	0.030537	0.036257	0.044391	0.055824	0.072639
0.00	0.019074	0.021729	0.025040	0.029247	0.034249	0.041406	0.051949	0.067588	0.092656
-100.00	0.016220	0.018213	0.020631	0.023648	0.026891	0.031453	0.037764	0.046235	0.057850
-200.00	0.013957	0.015422	0.017125	0.019132	0.021031	0.023609	0.026710	0.030780	0.028879
-300.00	0.011664	0.012605	0.013610	0.014649	0.015947	0.015894	0.016082	0.018141	0.019992
-400.00	0.009409	0.009862	0.010579	0.009945	0.010821	0.011556	0.012540	0.013211	0.012437
-500.00	0.007295	0.007185	0.007743	0.008321	0.008890	0.009285	0.009521	0.008918	0.008182
-600.00	0.005878	0.006247	0.006614	0.006955	0.007227	0.007371	0.006900	0.006311	0.006374
-700.00	0.005147	0.005388	0.005600	0.005756	0.005811	0.005453	0.005123	0.005188	0.005016
-800.00	0.004479	0.004615	0.004705	0.004722	0.004446	0.004217	0.004276	0.004217	0.004040
-900.00	0.003876	0.003928	0.003926	0.003708	0.003542	0.003598	0.003594	0.003504	0.003297
-1000.00	0.003349	0.003324	0.003149	0.003024	0.003076	0.003088	0.003047	0.002932	0.002892
-1100.00	0.002873	0.002725	0.002618	0.002664	0.002684	0.002668	0.002604	0.002478	0.002848
-1200.00	0.002383	0.002305	0.002341	0.002356	0.002353	0.002319	0.002243	0.002178	0.002795

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2 ***
 INCLUDING SOURCE(S): 11

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-300.00	-200.00	-100.00	X-COORD (METERS)			300.00	400.00	500.00
				0.00	100.00	200.00			
1200.00	0.011465	0.013004	0.014477	0.015039	0.013522	0.012058	0.010586	0.009148	0.008423
1100.00	0.012378	0.014204	0.015954	0.016593	0.014738	0.012958	0.011187	0.009559	0.009252
1000.00	0.013399	0.015585	0.017685	0.018407	0.016100	0.013910	0.011758	0.010398	0.010223
900.00	0.014543	0.017180	0.019722	0.020524	0.017617	0.014884	0.012237	0.011620	0.011376
800.00	0.015891	0.019018	0.022209	0.023155	0.019373	0.015875	0.013264	0.013131	0.012756
700.00	0.019067	0.021272	0.025260	0.026307	0.021256	0.016701	0.015113	0.015008	0.014522
600.00	0.024344	0.024177	0.029464	0.030611	0.023390	0.017777	0.017690	0.017485	0.016664
500.00	0.032092	0.029787	0.034872	0.035882	0.025590	0.020823	0.021524	0.020774	0.019985
400.00	0.043368	0.042584	0.042578	0.042964	0.026858	0.026622	0.027030	0.026147	0.020783
300.00	0.065838	0.063525	0.055528	0.055115	0.032583	0.036791	0.036563	0.027428	0.020979
200.00	0.076716	0.112840	0.105924	0.083724	0.055430	0.057266	0.038569	0.029446	0.023980
100.00	0.106753	0.163018	0.272272	0.198166	0.113679	0.073516	0.049011	0.038568	0.031537
0.00	0.137453	0.233019	0.561905	0.000000	0.228912	0.118213	0.076443	0.054858	0.042053
-100.00	0.078136	0.086452	0.086439	0.181532	0.163191	0.094529	0.062003	0.045409	0.036189
-200.00	0.034165	0.034073	0.031717	0.068334	0.089198	0.078114	0.052505	0.040209	0.032989
-300.00	0.019036	0.016999	0.018470	0.039267	0.055872	0.052942	0.048302	0.036398	0.029090
-400.00	0.011298	0.011145	0.014923	0.026626	0.033419	0.039203	0.036164	0.033794	0.027061
-500.00	0.008229	0.008056	0.012443	0.019881	0.024572	0.029978	0.028802	0.026749	0.025460
-600.00	0.006118	0.007097	0.010476	0.015522	0.018915	0.021686	0.023287	0.022404	0.020952
-700.00	0.004789	0.006584	0.009070	0.012718	0.015206	0.017038	0.019274	0.018794	0.018090
-800.00	0.004227	0.006056	0.007950	0.010699	0.012584	0.014061	0.015780	0.016075	0.015608
-900.00	0.004112	0.005552	0.007032	0.009169	0.010662	0.011829	0.012664	0.013786	0.013550
-1000.00	0.003965	0.005139	0.006326	0.008020	0.009189	0.010129	0.010830	0.011934	0.011845
-1100.00	0.003774	0.004738	0.005706	0.007074	0.008013	0.008786	0.009382	0.009848	0.010424
-1200.00	0.003574	0.004375	0.005175	0.006298	0.007067	0.007710	0.008220	0.008597	0.009233

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2
INCLUDING SOURCE(S): 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)						
	600.00	700.00	800.00	900.00	1000.00	1100.00	1200.00
1200.00	0.008229	0.007962	0.007645	0.007340	0.006983	0.006680	0.006412
1100.00	0.009003	0.008670	0.008283	0.007867	0.007494	0.007167	0.006568
1000.00	0.009900	0.009481	0.009005	0.008502	0.008116	0.007363	0.006648
900.00	0.010954	0.010421	0.009831	0.009372	0.008358	0.007470	0.006731
800.00	0.012212	0.011527	0.010978	0.009670	0.008541	0.007570	0.006733
700.00	0.013744	0.013091	0.011354	0.009884	0.008642	0.007592	0.006704
600.00	0.015959	0.013576	0.011599	0.009972	0.008628	0.007515	0.006587
500.00	0.016522	0.013852	0.011648	0.009887	0.008468	0.007460	0.006900
400.00	0.016814	0.013704	0.011425	0.010155	0.009134	0.008481	0.007989
300.00	0.016639	0.014758	0.012880	0.011918	0.010993	0.010140	0.009364
200.00	0.020289	0.018111	0.016169	0.014513	0.013060	0.011815	0.010741
100.00	0.026327	0.022492	0.019417	0.017074	0.015084	0.013446	0.012077
0.00	0.033575	0.027768	0.023377	0.020150	0.017520	0.015413	0.013692
-100.00	0.029647	0.024958	0.021314	0.018573	0.016288	0.014429	0.012892
-200.00	0.026113	0.022509	0.019592	0.017215	0.015240	0.013601	0.012226
-300.00	0.023740	0.021039	0.017750	0.015673	0.014044	0.012655	0.011464
-400.00	0.022762	0.019225	0.016561	0.014694	0.013130	0.011633	0.010637
-500.00	0.021232	0.018423	0.015990	0.013978	0.012306	0.010929	0.010184
-600.00	0.020129	0.017290	0.015219	0.013457	0.011959	0.010681	0.009588
-700.00	0.017058	0.016389	0.014340	0.012824	0.011504	0.010356	0.009358
-800.00	0.014936	0.014149	0.013653	0.012130	0.010982	0.009965	0.009065
-900.00	0.013129	0.012586	0.011973	0.011592	0.010425	0.009532	0.008766
-1000.00	0.011593	0.011225	0.010782	0.010295	0.009994	0.009127	0.008425
-1100.00	0.010287	0.010045	0.009729	0.009363	0.009021	0.008778	0.008105
-1200.00	0.009174	0.009022	0.008801	0.008568	0.008278	0.008013	0.007822

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-1200.00	-1100.00	-1000.00	X-COORD (METERS)		-700.00	-600.00	-500.00	-400.00
				-900.00	-800.00				
1200.00	0.114750	0.110069	0.104931	0.099129	0.092794	0.085985	0.078910	0.072042	0.071820
1100.00	0.114771	0.116842	0.111154	0.105054	0.098207	0.090738	0.082876	0.074977	0.071378
1000.00	0.114032	0.116451	0.118480	0.111633	0.104254	0.096067	0.087320	0.078425	0.070978
900.00	0.113198	0.115334	0.117623	0.119416	0.110995	0.102048	0.092325	0.082273	0.072538
800.00	0.112372	0.114094	0.115859	0.117769	0.119137	0.108746	0.097870	0.086032	0.074751
700.00	0.111600	0.112847	0.113992	0.115115	0.116377	0.117029	0.103489	0.090325	0.077288
600.00	0.111032	0.111769	0.112227	0.112450	0.112440	0.111971	0.111198	0.095191	0.080728
500.00	0.111736	0.111102	0.110861	0.110117	0.108268	0.106175	0.104481	0.103057	0.080317
400.00	0.124029	0.118351	0.112707	0.109031	0.105183	0.101304	0.097775	0.089799	0.084026
300.00	0.140224	0.134510	0.127501	0.118263	0.108608	0.100909	0.090011	0.078673	0.073660
200.00	0.158188	0.152927	0.146093	0.135693	0.123754	0.111211	0.091967	0.080663	0.070468
100.00	0.177564	0.173218	0.167080	0.156571	0.144046	0.129960	0.104534	0.086412	0.083638
0.00	0.198150	0.195154	0.190480	0.180598	0.168555	0.155008	0.126388	0.106235	0.106758
-100.00	0.179026	0.174359	0.167684	0.156194	0.142443	0.126593	0.098648	0.077832	0.071402
-200.00	0.158236	0.152190	0.144331	0.132012	0.117796	0.102402	0.078825	0.060771	0.043878
-300.00	0.139014	0.132079	0.123550	0.111782	0.098564	0.083905	0.066345	0.048264	0.035042
-400.00	0.121774	0.114493	0.106313	0.096045	0.085458	0.074034	0.062143	0.045911	0.032259
-500.00	0.106847	0.100906	0.094818	0.087556	0.078021	0.067575	0.057284	0.046831	0.031543
-600.00	0.097792	0.092739	0.086779	0.079930	0.071936	0.062939	0.054032	0.042580	0.031559
-700.00	0.090256	0.085297	0.079619	0.073304	0.066541	0.059222	0.049127	0.038882	0.028782
-800.00	0.083336	0.078578	0.073290	0.067604	0.061577	0.053563	0.044760	0.035207	0.026031
-900.00	0.077026	0.072544	0.067709	0.062554	0.055772	0.048323	0.040236	0.031773	0.023444
-1000.00	0.071308	0.067134	0.062677	0.056916	0.050530	0.043491	0.035976	0.028273	0.021907
-1100.00	0.066114	0.062212	0.057281	0.051801	0.045706	0.039091	0.032124	0.025068	0.023305
-1200.00	0.061340	0.057104	0.052379	0.047095	0.041309	0.035111	0.028660	0.022249	0.024607

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-300.00	-200.00	-100.00	X-COORD (METERS)			200.00	300.00	400.00	500.00
				0.00	100.00					
1200.00	0.072526	0.073738	0.075491	0.076996	0.067321	0.058067	0.049400	0.041529	0.035315	0.035315
1100.00	0.071771	0.072797	0.074513	0.075971	0.065555	0.055688	0.046579	0.038545	0.035315	0.035315
1000.00	0.070742	0.071514	0.073109	0.074549	0.063293	0.052808	0.043285	0.035698	0.035476	0.035476
900.00	0.068988	0.069180	0.070662	0.071982	0.059959	0.048951	0.039268	0.034510	0.035716	0.035716
800.00	0.066752	0.066446	0.067896	0.069103	0.056190	0.044634	0.035499	0.034356	0.035903	0.035903
700.00	0.066106	0.063454	0.064660	0.065864	0.051824	0.039808	0.032948	0.034466	0.036403	0.036403
600.00	0.065733	0.056457	0.056653	0.057635	0.043348	0.032966	0.032389	0.035132	0.037332	0.037332
500.00	0.062847	0.050658	0.050105	0.050849	0.036139	0.029226	0.031664	0.034930	0.039556	0.039556
400.00	0.063824	0.052850	0.049004	0.049598	0.031434	0.030995	0.033469	0.036993	0.035463	0.035463
300.00	0.078412	0.067726	0.057865	0.058677	0.035022	0.039236	0.040656	0.034013	0.031751	0.031751
200.00	0.081778	0.115643	0.107548	0.086864	0.057582	0.059260	0.040737	0.033704	0.032778	0.032778
100.00	0.109923	0.165188	0.273798	0.199905	0.115284	0.074991	0.050625	0.042405	0.041084	0.041084
0.00	0.141777	0.236829	0.566149	0.000000	0.229443	0.120572	0.079190	0.060311	0.054973	0.054973
-100.00	0.086589	0.097794	0.088880	0.181673	0.165430	0.098559	0.065482	0.050583	0.047123	0.047123
-200.00	0.040556	0.035059	0.032838	0.069258	0.090998	0.080434	0.055954	0.046232	0.043888	0.043888
-300.00	0.024704	0.018501	0.019616	0.040337	0.057656	0.055511	0.053653	0.044957	0.042640	0.042640
-400.00	0.020117	0.014357	0.016903	0.028746	0.036233	0.043779	0.044253	0.048433	0.046432	0.046432
-500.00	0.020092	0.013701	0.017294	0.025534	0.030721	0.039010	0.041468	0.046045	0.053372	0.053372
-600.00	0.020520	0.016933	0.020410	0.027284	0.030907	0.036667	0.042425	0.047097	0.050882	0.050882
-700.00	0.019957	0.021398	0.025460	0.032046	0.034517	0.038631	0.043955	0.046464	0.049876	0.049876
-800.00	0.020761	0.024128	0.028393	0.034305	0.036321	0.039323	0.043789	0.046743	0.049539	0.049539
-900.00	0.023014	0.026548	0.030809	0.036323	0.037940	0.040410	0.043599	0.047444	0.049680	0.049680
-1000.00	0.025064	0.028838	0.033105	0.038328	0.039634	0.041705	0.044283	0.047839	0.049633	0.049633
-1100.00	0.026664	0.030490	0.034698	0.039595	0.040758	0.042471	0.044637	0.047177	0.049677	0.049677
-1200.00	0.028039	0.031843	0.035938	0.040565	0.041590	0.043073	0.044941	0.047096	0.049753	0.049753

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3
INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)						
	600.00	700.00	800.00	900.00	1000.00	1100.00	1200.00
1200.00	0.035945	0.036845	0.037837	0.038909	0.039943	0.041006	0.042049
1100.00	0.036245	0.037324	0.038483	0.039662	0.040873	0.042073	0.041296
1000.00	0.036623	0.037911	0.039258	0.040600	0.042009	0.041200	0.040309
900.00	0.037125	0.038650	0.040205	0.041866	0.040975	0.040072	0.039342
800.00	0.037793	0.039610	0.041565	0.040629	0.039719	0.038975	0.038352
700.00	0.038562	0.041100	0.040091	0.039163	0.038457	0.037900	0.037443
600.00	0.040121	0.039088	0.038347	0.037720	0.037251	0.036905	0.036627
500.00	0.037882	0.036951	0.036517	0.036387	0.036185	0.036207	0.036497
400.00	0.035650	0.034939	0.034958	0.035803	0.036542	0.038137	0.039634
300.00	0.032784	0.034925	0.036406	0.038967	0.041088	0.042629	0.043877
200.00	0.035685	0.040441	0.042822	0.044915	0.046705	0.047804	0.048660
100.00	0.044202	0.048978	0.050535	0.051893	0.053023	0.053546	0.053887
0.00	0.056500	0.060123	0.060099	0.060277	0.060452	0.060119	0.059780
-100.00	0.049275	0.053617	0.054794	0.055802	0.056662	0.056923	0.057021
-200.00	0.044329	0.048605	0.050315	0.051845	0.053215	0.053857	0.054302
-300.00	0.043786	0.046322	0.047168	0.048921	0.050455	0.051363	0.052042
-400.00	0.047660	0.047048	0.047189	0.048014	0.048805	0.049467	0.050262
-500.00	0.050952	0.050047	0.049674	0.049614	0.049307	0.049074	0.049384
-600.00	0.055347	0.053575	0.052776	0.051983	0.051269	0.050695	0.050200
-700.00	0.053672	0.057752	0.055898	0.054578	0.053509	0.052617	0.051849
-800.00	0.052862	0.056107	0.059129	0.057256	0.055874	0.054692	0.053663
-900.00	0.052191	0.054853	0.057540	0.060062	0.058242	0.056810	0.055586
-1000.00	0.051671	0.053928	0.056263	0.058568	0.060666	0.058940	0.057490
-1100.00	0.051336	0.053228	0.055236	0.057262	0.059285	0.061036	0.059372
-1200.00	0.051093	0.052671	0.054387	0.056195	0.057964	0.059717	0.061200

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.179076	AT (	-1200.00, 0.00) GC	6.	0.156146	AT (	-1100.00, -100.00) GC
2.	0.173425	AT (	-1100.00, 0.00) GC	7.	0.153212	AT (	-1100.00, 100.00) GC
3.	0.165440	AT (	-1000.00, 0.00) GC	8.	0.151351	AT (	-900.00, 0.00) GC
4.	0.162807	AT (	-1200.00, -100.00) GC	9.	0.147054	AT (	-1000.00, -100.00) GC
5.	0.159872	AT (	-1200.00, 100.00) GC	10.	0.144278	AT (	-1200.00, -200.00) GC

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: 2 ***
 INCLUDING SOURCE(S): 11 ,

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.561905	AT (	-100.00, 0.00) GC	6.	0.181532	AT (	0.00, -100.00) GC
2.	0.272272	AT (	-100.00, 100.00) GC	7.	0.163191	AT (	100.00, -100.00) GC
3.	0.233019	AT (	-200.00, 0.00) GC	8.	0.163018	AT (	-200.00, 100.00) GC
4.	0.228912	AT (	100.00, 0.00) GC	9.	0.137453	AT (	-300.00, 0.00) GC
5.	0.198166	AT (	0.00, 100.00) GC	10.	0.118213	AT (	200.00, 0.00) GC

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.566149	AT (	-100.00, 0.00) GC	6.	0.198150	AT (	-1200.00, 0.00) GC
2.	0.273798	AT (	-100.00, 100.00) GC	7.	0.195154	AT (	-1100.00, 0.00) GC
3.	0.236829	AT (	-200.00, 0.00) GC	8.	0.190480	AT (	-1000.00, 0.00) GC
4.	0.229443	AT (	100.00, 0.00) GC	9.	0.181673	AT (	0.00, -100.00) GC
5.	0.199905	AT (	0.00, 100.00) GC	10.	0.180598	AT (	-900.00, 0.00) GC

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

NO ECHO

*** Message Summary For ISC2 Model Setup ***

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

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

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

***** WARNING MESSAGES *****
SO W320 26 PPARAM : Source Parameter May Be Out-of-Range for Parameter VS
SO W320 27 PPARAM : Source Parameter May Be Out-of-Range for Parameter VS

*** SETUP Finishes Successfully ***

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

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

**Model Uses RURAL Dispersion.

**Model Uses Regulatory DFAULT Options:

- 1. Final Plume Rise.
- 2. Stack-tip Downwash.
- 3. Buoyancy-induced Dispersion.
- 4. Default Wind Profile Exponents.
- 5. Default Vertical Potential Temperature Gradients.
- 6. "Upper Bound" Values For Supersquat Buildings.
- 7. No Exponential Decay for RURAL Mode

**Model Assumes Receptors on FLAT Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates 1 STAR Average(s) for the Following Months: 0 0 0 0 0 0 0 0 0 0 0 0

Seasons/Quarters: 0 0 0 0

and Annual: 1

**Model Assumes 1 STAR Summaries In Data File for the Averaging Periods Identified Above

**This Run Includes: 3 Source(s); 3 Source Group(s); and 625 Receptor(s)

**The Model Assumes A Pollutant Type of: NOX

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

**Output Options Selected:

- Model Outputs Tables of Long Term Values by Receptor (RECTABLE Keyword)
- Model Outputs Tables of Maximum Long Term Values (MAXTABLE Keyword)
- Model Outputs External File(s) of Long Term Values for Plotting (PLOTFILE Keyword)

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0

Emission Units = GRAMS/SECOND ; Emission Rate Unit Factor = 0.10000E+07

Output Units = MICROGRAMS/CUBIC-METER

**Input Runstream File: st21n855.ann ; **Output Print File: st21n855.out

**Error Message File: st21n855.err

*** ISCLT2 - VERSION 92062 ***

*** ENRON III STATION 21 MAX ANNUAL NOX 500 M GRID 2-11-93 1985
*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

*** 02/26/93
*** 13:35:22
PAGE 2

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (USER UNITS)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
1	0	0.11200E+01	0.0	0.0	0.0	15.24	763.72	55.43	1.01	YES	
2	0	0.11200E+01	0.0	-17.0	0.0	15.24	763.72	55.43	1.01	YES	
11	0	0.10000E-01	-20.0	5.0	0.0	6.10	894.27	44.10	0.09	YES	

*** ISCLT2 - VERSION 92062 ***

*** ENRON III STATION 21 MAX ANNUAL NOX 500 M GRID 2-11-93 1985

02/26/93

*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

13:35:22

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

PAGE 3.

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID

SOURCE IDs

1 1 , 2 ,

2 11 ,

3 1 , 2 , 11 ,

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: 1

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	9.1,	19.1,	0	2	9.1,	30.3,	0	3	9.1,	37.1,	0	4	9.1,	38.5,	0
5	9.1,	38.3,	0	6	9.1,	38.5,	0	7	9.1,	37.2,	0	8	9.1,	30.5,	0
9	9.1,	19.1,	0	10	9.1,	30.3,	0	11	9.1,	37.1,	0	12	9.1,	38.5,	0
13	9.1,	38.3,	0	14	9.1,	38.5,	0	15	9.1,	37.2,	0	16	9.1,	30.5,	0

SOURCE ID: 2

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	9.1,	19.1,	0	2	9.1,	30.3,	0	3	9.1,	37.1,	0	4	9.1,	38.5,	0
5	9.1,	38.3,	0	6	9.1,	38.5,	0	7	9.1,	37.2,	0	8	9.1,	30.5,	0
9	9.1,	19.1,	0	10	9.1,	30.3,	0	11	9.1,	37.1,	0	12	9.1,	38.5,	0
13	9.1,	38.3,	0	14	9.1,	38.5,	0	15	9.1,	37.2,	0	16	9.1,	30.5,	0

SOURCE ID: 11

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	5.7,	9.3,	0	2	5.7,	14.3,	0	3	9.1,	37.1,	0	4	9.1,	38.5,	0
5	9.1,	38.3,	0	6	9.1,	38.5,	0	7	9.1,	37.2,	0	8	9.1,	30.5,	0
9	5.7,	9.3,	0	10	5.7,	14.3,	0	11	9.1,	37.1,	0	12	9.1,	38.5,	0
13	9.1,	38.3,	0	14	9.1,	38.5,	0	15	9.1,	37.2,	0	16	9.1,	30.5,	0

*** ISCLT2 - VERSION 92062 ***

*** ENRON III STATION 21 MAX ANNUAL NOX 500 M GRID 2-11-93 1985
*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

*** 02/26/93
*** 13:35:22
PAGE 5

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

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

-6000.0,	-5500.0,	-5000.0,	-4500.0,	-4000.0,	-3500.0,	-3000.0,	-2500.0,	-2000.0,	-1500.0,
-1000.0,	-500.0,	0.0,	500.0,	1000.0,	1500.0,	2000.0,	2500.0,	3000.0,	3500.0,
4000.0,	4500.0,	5000.0,	5500.0,	6000.0,					

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

-6000.0,	-5500.0,	-5000.0,	-4500.0,	-4000.0,	-3500.0,	-3000.0,	-2500.0,	-2000.0,	-1500.0,
-1000.0,	-500.0,	0.0,	500.0,	1000.0,	1500.0,	2000.0,	2500.0,	3000.0,	3500.0,
4000.0,	4500.0,	5000.0,	5500.0,	6000.0,					

*** ISCLT2 - VERSION 92062 ***

*** ENRON III STATION 21 MAX ANNUAL NOX 500 M GRID 2-11-93 1985
*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

*** 02/26/93
*** 13:35:22
PAGE 6

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

* SOURCE-RECEPTOR COMBINATIONS LESS THAN 1.0 METER OR 3*ZLB *
IN DISTANCE. CALCULATIONS MAY NOT BE PERFORMED.

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
1	0.0 0.0	0.00

*** AVERAGE SPEED FOR EACH WIND SPEED CATEGORY ***
(METERS/SEC)

1.50, 2.50, 4.30, 6.80, 9.50, 12.50,

*** WIND PROFILE EXPONENTS ***

STABILITY CATEGORY	WIND SPEED CATEGORY					
	1	2	3	4	5	6
A	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01
B	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01
C	.10000E+00	.10000E+00	.10000E+00	.10000E+00	.10000E+00	.10000E+00
D	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
E	.35000E+00	.35000E+00	.35000E+00	.35000E+00	.35000E+00	.35000E+00
F	.55000E+00	.55000E+00	.55000E+00	.55000E+00	.55000E+00	.55000E+00

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
(DEGREES KELVIN PER METER)

STABILITY CATEGORY	WIND SPEED CATEGORY					
	1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

*** AVERAGE AMBIENT AIR TEMPERATURE (KELVIN) ***

	STABILITY CATEGORY A	STABILITY CATEGORY B	STABILITY CATEGORY C	STABILITY CATEGORY D	STABILITY CATEGORY E	STABILITY CATEGORY F
ANNUAL	301.4000	301.4000	301.4000	296.8000	292.2000	292.2000

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** FREQUENCY OF OCCURRENCE OF WIND SPEED, DIRECTION AND STABILITY ***

FILE: jfwpb85.Y

FORMAT: (6F10.6)

SURFACE STATION NO.: 12844

UPPER AIR STATION NO.: 12844

NAME: WESTPALMBEACH-FL

NAME: WESTPALMBEACH-FL

YEAR: 1985

YEAR: 1985

ANNUAL: STABILITY CATEGORY A

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00003300	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
22.500	0.00014700	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
45.000	0.00018000	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
67.500	0.00003300	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
90.000	0.00006600	0.00022900	0.00000000	0.00000000	0.00000000	0.00000000
112.500	0.00021300	0.00022900	0.00000000	0.00000000	0.00000000	0.00000000
135.000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
157.500	0.00016400	0.00057100	0.00000000	0.00000000	0.00000000	0.00000000
180.000	0.00009800	0.00034300	0.00000000	0.00000000	0.00000000	0.00000000
202.500	0.00003300	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
225.000	0.00003300	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
247.500	0.00003300	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
270.000	0.00016400	0.00057100	0.00000000	0.00000000	0.00000000	0.00000000
292.500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
315.000	0.00003300	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
337.500	0.00003300	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000

ANNUAL: STABILITY CATEGORY B

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00148400	0.00137000	0.00057100	0.00000000	0.00000000	0.00000000
22.500	0.00022300	0.00068500	0.00045700	0.00000000	0.00000000	0.00000000
45.000	0.00009400	0.00068500	0.00091400	0.00000000	0.00000000	0.00000000
67.500	0.00071100	0.00045700	0.00228400	0.00000000	0.00000000	0.00000000
90.000	0.00063800	0.00182700	0.00582200	0.00000000	0.00000000	0.00000000
112.500	0.00053900	0.00205500	0.00365300	0.00000000	0.00000000	0.00000000
135.000	0.00051400	0.00091400	0.00445300	0.00000000	0.00000000	0.00000000
157.500	0.00046200	0.00148500	0.00228400	0.00000000	0.00000000	0.00000000
180.000	0.00121300	0.00319700	0.00228400	0.00000000	0.00000000	0.00000000
202.500	0.00078900	0.00102800	0.00080000	0.00000000	0.00000000	0.00000000
225.000	0.00093400	0.00114200	0.00080000	0.00000000	0.00000000	0.00000000
247.500	0.00062800	0.00080000	0.00114200	0.00000000	0.00000000	0.00000000
270.000	0.00112600	0.00159900	0.00194100	0.00000000	0.00000000	0.00000000
292.500	0.00129200	0.00091400	0.00114200	0.00000000	0.00000000	0.00000000
315.000	0.00157700	0.00205500	0.00102800	0.00000000	0.00000000	0.00000000
337.500	0.00114100	0.00171300	0.00057100	0.00000000	0.00000000	0.00000000

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** FREQUENCY OF OCCURRENCE OF WIND SPEED, DIRECTION AND STABILITY ***

FILE: jfwpb85.Y

FORMAT: (6F10.6)

SURFACE STATION NO.: 12844

UPPER AIR STATION NO.: 12844

NAME: WESTPALMBEACH-FL

NAME: WESTPALMBEACH-FL

YEAR: 1985

YEAR: 1985

ANNUAL: STABILITY CATEGORY C

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00039900	0.00182700	0.00308300	0.00091400	0.00000000	0.00000000
22.500	0.00029500	0.00057100	0.00137000	0.00114200	0.00000000	0.00000000
45.000	0.00006700	0.00080000	0.00513700	0.00342500	0.00034300	0.00000000
67.500	0.00019000	0.00080000	0.00776300	0.00342500	0.00045700	0.00011500
90.000	0.00010500	0.00125600	0.01735200	0.00764900	0.00034300	0.00000000
112.500	0.00031400	0.00080000	0.01392700	0.00468100	0.00000000	0.00000000
135.000	0.00020900	0.00102800	0.01529700	0.00490900	0.00000000	0.00000000
157.500	0.00014300	0.00171300	0.00776300	0.00171300	0.00000000	0.00000000
180.000	0.00073200	0.00433800	0.00548000	0.00068500	0.00000000	0.00000000
202.500	0.00026600	0.00171300	0.00285400	0.00034300	0.00000000	0.00000000
225.000	0.00028500	0.00194100	0.00331100	0.00068500	0.00000000	0.00000000
247.500	0.00054200	0.00205500	0.00296900	0.00057100	0.00000000	0.00000000
270.000	0.00058900	0.00262600	0.00365300	0.00114200	0.00000000	0.00000000
292.500	0.00025700	0.00159900	0.00342500	0.00080000	0.00000000	0.00000000
315.000	0.00043700	0.00228400	0.00331100	0.00102800	0.00022900	0.00000000
337.500	0.00054200	0.00205500	0.00365300	0.00080000	0.00000000	0.00000000

ANNUAL: STABILITY CATEGORY D

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00075100	0.00228400	0.00559400	0.00662200	0.00034300	0.00000000
22.500	0.00067200	0.00102800	0.00216900	0.00353900	0.00045700	0.00011500
45.000	0.00003600	0.00057100	0.00570800	0.01324300	0.00262600	0.00000000
67.500	0.00006500	0.00102800	0.01427000	0.02534300	0.00502300	0.00102800
90.000	0.00038000	0.00216900	0.03036600	0.03915600	0.00548000	0.00022900
112.500	0.00007900	0.00125600	0.01449800	0.00993200	0.00022900	0.00000000
135.000	0.00025800	0.00216900	0.01655300	0.01198700	0.00034300	0.00000000
157.500	0.00022900	0.00171300	0.00924700	0.00856200	0.00045700	0.00000000
180.000	0.00062300	0.00411000	0.00879000	0.00627900	0.00034300	0.00000000
202.500	0.00038700	0.00228400	0.00388200	0.00137000	0.00000000	0.00000000
225.000	0.00038000	0.00216900	0.00342500	0.00342500	0.00022900	0.00000000
247.500	0.00046500	0.00159900	0.00479500	0.00296900	0.00011500	0.00000000
270.000	0.00062900	0.00228400	0.00411000	0.00433800	0.00068500	0.00000000
292.500	0.00032300	0.00319700	0.00376800	0.00536600	0.00080000	0.00022900
315.000	0.00127200	0.00285400	0.00513700	0.00764900	0.00068500	0.00000000
337.500	0.00076500	0.00251200	0.00411000	0.00639300	0.00045700	0.00000000

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** FREQUENCY OF OCCURRENCE OF WIND SPEED, DIRECTION AND STABILITY ***

FILE: jfwpb85.Y

FORMAT: (6F10.6)

SURFACE STATION NO.: 12844

UPPER AIR STATION NO.: 12844

NAME: WESTPALMBEACH-FL

NAME: WESTPALMBEACH-FL

YEAR: 1985

YEAR: 1985

ANNUAL: STABILITY CATEGORY E

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00000000	0.00262600	0.00159900	0.00000000	0.00000000	0.00000000
22.500	0.00000000	0.00068500	0.00091400	0.00000000	0.00000000	0.00000000
45.000	0.00000000	0.00080000	0.00570800	0.00000000	0.00000000	0.00000000
67.500	0.00000000	0.00182700	0.00924700	0.00000000	0.00000000	0.00000000
90.000	0.00000000	0.00639300	0.01986400	0.00000000	0.00000000	0.00000000
112.500	0.00000000	0.00844800	0.00605100	0.00000000	0.00000000	0.00000000
135.000	0.00000000	0.00890500	0.00559400	0.00000000	0.00000000	0.00000000
157.500	0.00000000	0.00468100	0.00559400	0.00000000	0.00000000	0.00000000
180.000	0.00000000	0.00947500	0.00376800	0.00000000	0.00000000	0.00000000
202.500	0.00000000	0.00468100	0.00114200	0.00000000	0.00000000	0.00000000
225.000	0.00000000	0.00399600	0.00285400	0.00000000	0.00000000	0.00000000
247.500	0.00000000	0.00376800	0.00239800	0.00000000	0.00000000	0.00000000
270.000	0.00000000	0.00719200	0.00365300	0.00000000	0.00000000	0.00000000
292.500	0.00000000	0.00513700	0.00376800	0.00000000	0.00000000	0.00000000
315.000	0.00000000	0.00490900	0.00753500	0.00000000	0.00000000	0.00000000
337.500	0.00000000	0.00548000	0.00399600	0.00000000	0.00000000	0.00000000

ANNUAL: STABILITY CATEGORY F

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00540100	0.00319700	0.00000000	0.00000000	0.00000000	0.00000000
22.500	0.00123100	0.00114200	0.00000000	0.00000000	0.00000000	0.00000000
45.000	0.00066000	0.00171300	0.00000000	0.00000000	0.00000000	0.00000000
67.500	0.00131900	0.00342500	0.00000000	0.00000000	0.00000000	0.00000000
90.000	0.00560700	0.01232900	0.00000000	0.00000000	0.00000000	0.00000000
112.500	0.00572100	0.01221500	0.00000000	0.00000000	0.00000000	0.00000000
135.000	0.00963300	0.01141600	0.00000000	0.00000000	0.00000000	0.00000000
157.500	0.00620700	0.00639300	0.00000000	0.00000000	0.00000000	0.00000000
180.000	0.01433600	0.01575400	0.00000000	0.00000000	0.00000000	0.00000000
202.500	0.01061600	0.00924700	0.00000000	0.00000000	0.00000000	0.00000000
225.000	0.00976100	0.00936100	0.00000000	0.00000000	0.00000000	0.00000000
247.500	0.00614000	0.00468100	0.00000000	0.00000000	0.00000000	0.00000000
270.000	0.01263100	0.01153000	0.00000000	0.00000000	0.00000000	0.00000000
292.500	0.00896100	0.01016000	0.00000000	0.00000000	0.00000000	0.00000000
315.000	0.01058200	0.00913300	0.00000000	0.00000000	0.00000000	0.00000000
337.500	0.00798400	0.00787700	0.00000000	0.00000000	0.00000000	0.00000000

SUM OF FREQUENCIES, FTOTAL = 1.00015

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-6000.00	-5500.00	-5000.00	X-COORD (METERS)		-3500.00	-3000.00	-2500.00	-2000.00
				-4500.00	-4000.00				
6000.00	0.047038	0.046477	0.045637	0.044480	0.042977	0.041072	0.038800	0.036201	0.039335
5500.00	0.047912	0.050132	0.049419	0.048344	0.046815	0.044846	0.042437	0.039607	0.040212
5000.00	0.048689	0.051104	0.053652	0.052659	0.051197	0.049224	0.046705	0.043637	0.041185
4500.00	0.049398	0.051949	0.054661	0.057531	0.056231	0.054331	0.051753	0.048463	0.044493
4000.00	0.050027	0.052653	0.055512	0.058650	0.062020	0.060309	0.057774	0.054314	0.049912
3500.00	0.050527	0.053255	0.056263	0.059593	0.063295	0.067324	0.065001	0.061498	0.056671
3000.00	0.050930	0.053764	0.056907	0.060413	0.064348	0.068793	0.073713	0.070357	0.065120
2500.00	0.051261	0.054184	0.057443	0.061102	0.065244	0.069972	0.075350	0.081325	0.076104
2000.00	0.059942	0.060021	0.059369	0.061679	0.065991	0.070938	0.076481	0.083021	0.090393
1500.00	0.069745	0.071300	0.072379	0.072701	0.071867	0.071696	0.077418	0.084009	0.091506
1000.00	0.080076	0.083355	0.086541	0.089438	0.091733	0.092630	0.091500	0.086759	0.092108
500.00	0.090656	0.095820	0.101369	0.107265	0.113381	0.119112	0.124151	0.126512	0.124419
0.00	0.101156	0.108241	0.116228	0.125267	0.135527	0.146713	0.159183	0.171510	0.182869
-500.00	0.090426	0.095792	0.101617	0.107888	0.114511	0.120924	0.126823	0.130180	0.128742
-1000.00	0.079089	0.082676	0.086293	0.089789	0.092893	0.094900	0.095183	0.092096	0.088421
-1500.00	0.067868	0.069803	0.071425	0.072509	0.072714	0.072214	0.072947	0.071332	0.065856
-2000.00	0.057080	0.057583	0.057549	0.058364	0.059555	0.059824	0.058512	0.055034	0.048698
-2500.00	0.047037	0.048370	0.049443	0.050076	0.050026	0.048968	0.046460	0.042120	0.036597
-3000.00	0.041865	0.042529	0.042835	0.042623	0.041685	0.039774	0.036639	0.033151	0.027693
-3500.00	0.037065	0.037176	0.036887	0.036060	0.034534	0.032140	0.029812	0.026250	0.021206
-4000.00	0.032662	0.032345	0.031616	0.030367	0.028484	0.026854	0.024405	0.020964	0.016426
-4500.00	0.028667	0.028033	0.026994	0.025477	0.024297	0.022554	0.020122	0.016911	0.012884
-5000.00	0.025079	0.024211	0.022972	0.022096	0.020819	0.019051	0.016722	0.013783	0.011205
-5500.00	0.021878	0.020846	0.020190	0.019239	0.017923	0.016194	0.014010	0.011348	0.011648
-6000.00	0.019037	0.018530	0.017805	0.016811	0.015509	0.013857	0.011835	0.009434	0.011924

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-1500.00	-1000.00	-500.00	X-COORD (METERS)		1000.00	1500.00	2000.00	2500.00
				0.00	500.00				
6000.00	0.042816	0.046440	0.050114	0.053729	0.047758	0.041888	0.036296	0.031119	0.026546
5500.00	0.043900	0.047787	0.051758	0.055677	0.048846	0.042168	0.035876	0.030147	0.027165
5000.00	0.045071	0.049228	0.053522	0.057784	0.049886	0.042222	0.035107	0.028764	0.027859
4500.00	0.046361	0.050785	0.055426	0.060068	0.050828	0.041947	0.033864	0.028609	0.028666
4000.00	0.047833	0.052491	0.057476	0.062551	0.051576	0.041186	0.031974	0.029454	0.029641
3500.00	0.050566	0.054221	0.059469	0.064969	0.051777	0.039556	0.030087	0.030504	0.030868
3000.00	0.058033	0.056177	0.061542	0.067457	0.051285	0.036797	0.031042	0.031793	0.032440
2500.00	0.067888	0.058277	0.063021	0.069005	0.048954	0.032073	0.032250	0.033589	0.034505
2000.00	0.081229	0.067404	0.064251	0.069753	0.044389	0.031394	0.033842	0.036027	0.033553
1500.00	0.100400	0.082523	0.063984	0.066804	0.035102	0.032141	0.036621	0.034231	0.032299
1000.00	0.099410	0.106242	0.066445	0.056142	0.025253	0.033892	0.033277	0.032473	0.031682
500.00	0.112174	0.095590	0.070453	0.014967	0.019572	0.027718	0.033700	0.038102	0.039815
0.00	0.186445	0.165440	0.038647	0.000000	0.012920	0.042932	0.048660	0.050348	0.049776
-500.00	0.115902	0.087075	0.037913	0.005653	0.027913	0.037001	0.042595	0.045371	0.045693
-1000.00	0.078514	0.059527	0.025341	0.030308	0.037788	0.050672	0.047287	0.044844	0.042951
-1500.00	0.055746	0.038257	0.022475	0.037462	0.042071	0.048417	0.054737	0.049399	0.045590
-2000.00	0.039246	0.024562	0.025643	0.038630	0.042173	0.046506	0.050172	0.053265	0.048407
-2500.00	0.027863	0.017323	0.026700	0.037221	0.040307	0.044165	0.046603	0.048877	0.050358
-3000.00	0.020041	0.018648	0.026656	0.035177	0.038020	0.041204	0.043487	0.045105	0.046466
-3500.00	0.014628	0.019204	0.025907	0.032839	0.035464	0.038261	0.040752	0.042004	0.043084
-4000.00	0.014109	0.019310	0.024957	0.030697	0.033112	0.035617	0.037949	0.039278	0.040192
-4500.00	0.014597	0.019113	0.023907	0.028726	0.030938	0.033190	0.035322	0.036939	0.037725
-5000.00	0.014828	0.018767	0.022882	0.026991	0.029012	0.031060	0.033015	0.034784	0.035593
-5500.00	0.014884	0.018341	0.021912	0.025461	0.027313	0.029183	0.030980	0.032633	0.033725
-6000.00	0.014822	0.017878	0.021006	0.024107	0.025808	0.027521	0.029177	0.030718	0.032071

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)						
	3000.00	3500.00	4000.00	4500.00	5000.00	5500.00	6000.00
6000.00	0.026407	0.026274	0.026118	0.025902	0.025662	0.025398	0.025111
5500.00	0.027073	0.026978	0.026868	0.026721	0.026489	0.026215	0.024952
5000.00	0.027828	0.027783	0.027707	0.027592	0.027420	0.026024	0.024710
4500.00	0.028715	0.028727	0.028687	0.028589	0.027123	0.025733	0.024402
4000.00	0.029787	0.029862	0.029854	0.028226	0.026709	0.025319	0.024030
3500.00	0.031126	0.031259	0.029431	0.027750	0.026225	0.024839	0.023572
3000.00	0.032840	0.030759	0.028879	0.027201	0.025691	0.024325	0.023081
2500.00	0.032193	0.030111	0.028259	0.026615	0.025142	0.023810	0.022599
2000.00	0.031319	0.029400	0.027632	0.026051	0.025138	0.025367	0.025480
1500.00	0.030454	0.028724	0.028626	0.028904	0.028994	0.028946	0.028795
1000.00	0.033062	0.033627	0.033785	0.033588	0.033248	0.032816	0.032326
500.00	0.040457	0.040127	0.039528	0.038665	0.037767	0.036869	0.035984
0.00	0.048785	0.047137	0.045551	0.043893	0.042370	0.040964	0.039659
-500.00	0.045341	0.044232	0.043046	0.041724	0.040461	0.039268	0.038140
-1000.00	0.042518	0.041632	0.040681	0.039599	0.038553	0.037548	0.036582
-1500.00	0.042471	0.039883	0.038664	0.037721	0.036818	0.035949	0.035110
-2000.00	0.044519	0.041460	0.038880	0.036744	0.035288	0.034502	0.033750
-2500.00	0.046187	0.042775	0.039959	0.037634	0.035678	0.034001	0.032543
-3000.00	0.047252	0.043728	0.040814	0.038379	0.036317	0.034546	0.033002
-3500.00	0.043880	0.044315	0.041405	0.038936	0.036822	0.034995	0.033395
-4000.00	0.040941	0.041474	0.041737	0.039293	0.037176	0.035328	0.033687
-4500.00	0.038412	0.038945	0.039307	0.039461	0.037377	0.035529	0.033833
-5000.00	0.036214	0.036728	0.037111	0.037356	0.037422	0.035553	0.033877
-5500.00	0.034285	0.034770	0.035154	0.035418	0.035510	0.035457	0.033825
-6000.00	0.032575	0.033027	0.033390	0.033615	0.033740	0.033770	0.033687

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2
 INCLUDING SOURCE(S): 11

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-6000.00	-5500.00	-5000.00	-4500.00	-4000.00	-3500.00	-3000.00	-2500.00	-2000.00
6000.00	0.000905	0.000919	0.000932	0.000938	0.000934	0.000916	0.000882	0.000832	0.001009
5500.00	0.000947	0.001027	0.001044	0.001058	0.001060	0.001052	0.001025	0.000975	0.001067
5000.00	0.000988	0.001079	0.001179	0.001196	0.001215	0.001219	0.001201	0.001154	0.001121
4500.00	0.001027	0.001129	0.001241	0.001372	0.001400	0.001421	0.001419	0.001383	0.001301
4000.00	0.001062	0.001173	0.001306	0.001459	0.001632	0.001668	0.001692	0.001676	0.001603
3500.00	0.001089	0.001215	0.001366	0.001543	0.001748	0.001986	0.002034	0.002057	0.002010
3000.00	0.001107	0.001248	0.001416	0.001617	0.001859	0.002148	0.002491	0.002556	0.002565
2500.00	0.001126	0.001266	0.001450	0.001675	0.001953	0.002298	0.002726	0.003251	0.003344
2000.00	0.001248	0.001366	0.001499	0.001705	0.002016	0.002416	0.002934	0.003620	0.004507
1500.00	0.001377	0.001528	0.001707	0.001916	0.002162	0.002468	0.003077	0.003925	0.005101
1000.00	0.001499	0.001683	0.001906	0.002181	0.002522	0.002949	0.003501	0.004206	0.005560
500.00	0.001609	0.001823	0.002087	0.002422	0.002855	0.003426	0.004223	0.005327	0.007071
0.00	0.001707	0.001946	0.002247	0.002633	0.003143	0.003837	0.004842	0.006333	0.008900
-500.00	0.001475	0.001658	0.001881	0.002158	0.002507	0.002952	0.003545	0.004313	0.005394
-1000.00	0.001248	0.001376	0.001524	0.001694	0.001887	0.002094	0.002304	0.002448	0.002711
-1500.00	0.001020	0.001094	0.001169	0.001239	0.001290	0.001292	0.001463	0.001635	0.001767
-2000.00	0.000798	0.000823	0.000833	0.000862	0.000944	0.001029	0.001103	0.001147	0.001083
-2500.00	0.000586	0.000624	0.000671	0.000720	0.000765	0.000801	0.000814	0.000769	0.000782
-3000.00	0.000508	0.000538	0.000568	0.000594	0.000612	0.000614	0.000582	0.000592	0.000595
-3500.00	0.000443	0.000460	0.000476	0.000485	0.000483	0.000459	0.000467	0.000473	0.000463
-4000.00	0.000383	0.000391	0.000395	0.000392	0.000374	0.000380	0.000386	0.000384	0.000368
-4500.00	0.000329	0.000330	0.000326	0.000312	0.000317	0.000323	0.000323	0.000316	0.000297
-5000.00	0.000281	0.000277	0.000266	0.000269	0.000274	0.000276	0.000273	0.000263	0.000265
-5500.00	0.000239	0.000230	0.000233	0.000237	0.000239	0.000238	0.000232	0.000221	0.000270
-6000.00	0.000201	0.000204	0.000207	0.000209	0.000209	0.000206	0.000200	0.000189	0.000268

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2 ***
 INCLUDING SOURCE(S): 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)								
	-1500.00	-1000.00	-500.00	0.00	500.00	1000.00	1500.00	2000.00	2500.00
6000.00	0.001205	0.001402	0.001595	0.001758	0.001611	0.001453	0.001289	0.001123	0.000978
5500.00	0.001305	0.001548	0.001786	0.001987	0.001805	0.001608	0.001404	0.001201	0.001087
5000.00	0.001415	0.001719	0.002019	0.002272	0.002040	0.001791	0.001533	0.001280	0.001215
4500.00	0.001532	0.001921	0.002307	0.002633	0.002331	0.002006	0.001674	0.001446	0.001367
4000.00	0.001651	0.002157	0.002670	0.003100	0.002695	0.002260	0.001823	0.001659	0.001547
3500.00	0.001856	0.002433	0.003137	0.003730	0.003165	0.002560	0.002061	0.001923	0.001762
3000.00	0.002442	0.002748	0.003753	0.004606	0.003778	0.002903	0.002468	0.002250	0.002016
2500.00	0.003308	0.003075	0.004583	0.005911	0.004608	0.003303	0.003005	0.002657	0.002325
2000.00	0.004604	0.004397	0.005752	0.007969	0.005721	0.004277	0.003707	0.003179	0.002441
1500.00	0.006837	0.006996	0.007305	0.011514	0.007082	0.005756	0.004712	0.003326	0.002449
1000.00	0.008076	0.012238	0.011980	0.018407	0.010223	0.008116	0.005013	0.003255	0.002437
500.00	0.009780	0.015271	0.032604	0.035882	0.019985	0.008468	0.005878	0.004628	0.003680
0.00	0.013690	0.025040	0.067588	0.000000	0.042053	0.017520	0.010115	0.006831	0.004972
-500.00	0.006682	0.007743	0.008918	0.019881	0.025460	0.012306	0.007906	0.005730	0.004352
-1000.00	0.003199	0.003149	0.002932	0.008020	0.011845	0.009994	0.006743	0.004762	0.003637
-1500.00	0.001691	0.001693	0.002043	0.004644	0.006383	0.006515	0.005707	0.004309	0.003391
-2000.00	0.001097	0.001045	0.001756	0.003102	0.004078	0.004490	0.004192	0.003811	0.003091
-2500.00	0.000774	0.000745	0.001457	0.002251	0.002856	0.003253	0.003228	0.003019	0.002771
-3000.00	0.000566	0.000743	0.001216	0.001729	0.002149	0.002414	0.002529	0.002443	0.002295
-3500.00	0.000427	0.000699	0.001030	0.001385	0.001683	0.001889	0.002029	0.002008	0.001930
-4000.00	0.000413	0.000643	0.000885	0.001141	0.001362	0.001526	0.001630	0.001673	0.001637
-4500.00	0.000410	0.000587	0.000770	0.000963	0.001131	0.001262	0.001352	0.001413	0.001401
-5000.00	0.000396	0.000535	0.000677	0.000826	0.000958	0.001064	0.001142	0.001192	0.001211
-5500.00	0.000377	0.000488	0.000601	0.000719	0.000825	0.000912	0.000979	0.001026	0.001056
-6000.00	0.000356	0.000447	0.000538	0.000634	0.000720	0.000792	0.000850	0.000892	0.000928

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2
 INCLUDING SOURCE(S): 11

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)						
	3000.00	3500.00	4000.00	4500.00	5000.00	5500.00	6000.00
6000.00	0.000939	0.000896	0.000852	0.000806	0.000760	0.000715	0.000674
5500.00	0.001036	0.000980	0.000924	0.000868	0.000813	0.000762	0.000690
5000.00	0.001148	0.001076	0.001003	0.000934	0.000872	0.000781	0.000702
4500.00	0.001277	0.001184	0.001093	0.001009	0.000894	0.000795	0.000709
4000.00	0.001426	0.001305	0.001194	0.001040	0.000910	0.000800	0.000709
3500.00	0.001597	0.001445	0.001236	0.001062	0.000918	0.000798	0.000701
3000.00	0.001799	0.001501	0.001261	0.001068	0.000912	0.000785	0.000681
2500.00	0.001877	0.001530	0.001261	0.001051	0.000886	0.000755	0.000660
2000.00	0.001903	0.001513	0.001223	0.001004	0.000891	0.000851	0.000807
1500.00	0.001844	0.001432	0.001315	0.001226	0.001134	0.001048	0.000968
1000.00	0.002198	0.001953	0.001736	0.001547	0.001386	0.001248	0.001130
500.00	0.003042	0.002540	0.002163	0.001869	0.001634	0.001445	0.001289
0.00	0.003887	0.003123	0.002586	0.002186	0.001880	0.001640	0.001447
-500.00	0.003493	0.002858	0.002397	0.002046	0.001773	0.001556	0.001379
-1000.00	0.003014	0.002538	0.002172	0.001881	0.001648	0.001459	0.001303
-1500.00	0.002707	0.002208	0.001918	0.001694	0.001506	0.001348	0.001215
-2000.00	0.002546	0.002127	0.001798	0.001539	0.001354	0.001229	0.001120
-2500.00	0.002342	0.002000	0.001721	0.001492	0.001305	0.001151	0.001029
-3000.00	0.002135	0.001854	0.001622	0.001426	0.001261	0.001121	0.001003
-3500.00	0.001821	0.001709	0.001514	0.001349	0.001206	0.001082	0.000979
-4000.00	0.001572	0.001490	0.001409	0.001267	0.001144	0.001037	0.000946
-4500.00	0.001364	0.001311	0.001249	0.001188	0.001082	0.000992	0.000909
-5000.00	0.001192	0.001159	0.001115	0.001068	0.001024	0.000942	0.000869
-5500.00	0.001049	0.001029	0.001001	0.000969	0.000930	0.000894	0.000828
-6000.00	0.000929	0.000921	0.000903	0.000879	0.000850	0.000819	0.000790

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3
INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-6000.00	-5500.00	-5000.00	X-COORD (METERS)	-4500.00	-4000.00	-3500.00	-3000.00	-2500.00	-2000.00
6000.00	0.047943	0.047396	0.046569	0.045418	0.043911	0.041988	0.039682	0.037033	0.040344	
5500.00	0.048859	0.051159	0.050463	0.049402	0.047875	0.045898	0.043462	0.040581	0.041279	
5000.00	0.049677	0.052183	0.054831	0.053856	0.052412	0.050443	0.047906	0.044791	0.042306	
4500.00	0.050425	0.053078	0.055902	0.058902	0.057631	0.055752	0.053172	0.049846	0.045793	
4000.00	0.051089	0.053826	0.056818	0.060109	0.063652	0.061977	0.059466	0.055990	0.051514	
3500.00	0.051615	0.054471	0.057629	0.061136	0.065044	0.069310	0.067035	0.063555	0.058681	
3000.00	0.052037	0.055011	0.058322	0.062030	0.066207	0.070941	0.076204	0.072912	0.067685	
2500.00	0.052387	0.055450	0.058892	0.062777	0.067196	0.072270	0.078076	0.084576	0.079448	
2000.00	0.061190	0.061387	0.060868	0.063383	0.068006	0.073354	0.079415	0.086642	0.094900	
1500.00	0.071122	0.072829	0.074085	0.074617	0.074029	0.074164	0.080495	0.087934	0.096607	
1000.00	0.081575	0.085038	0.088447	0.091619	0.094255	0.095579	0.095001	0.090965	0.097669	
500.00	0.092264	0.097643	0.103456	0.109687	0.116237	0.122538	0.128374	0.131839	0.131489	
0.00	0.102863	0.110187	0.118474	0.127900	0.138670	0.150549	0.164025	0.177843	0.191769	
-500.00	0.091901	0.097450	0.103499	0.110046	0.117018	0.123876	0.130368	0.134493	0.134136	
-1000.00	0.080337	0.084052	0.087817	0.091482	0.094779	0.096995	0.097486	0.094544	0.091132	
-1500.00	0.068888	0.070897	0.072594	0.073748	0.074004	0.073507	0.074409	0.072967	0.067624	
-2000.00	0.057878	0.058406	0.058382	0.059226	0.060499	0.060852	0.059615	0.056182	0.049781	
-2500.00	0.047623	0.048994	0.050115	0.050795	0.050791	0.049769	0.047274	0.042889	0.037379	
-3000.00	0.042374	0.043067	0.043403	0.043216	0.042297	0.040388	0.037220	0.033742	0.028288	
-3500.00	0.037507	0.037637	0.037363	0.036545	0.035017	0.032598	0.030278	0.026723	0.021669	
-4000.00	0.033045	0.032736	0.032011	0.030759	0.028857	0.027233	0.024792	0.021347	0.016793	
-4500.00	0.028996	0.028363	0.027320	0.025788	0.024613	0.022877	0.020445	0.017227	0.013181	
-5000.00	0.025360	0.024488	0.023237	0.022365	0.021093	0.019327	0.016995	0.014046	0.011470	
-5500.00	0.022117	0.021076	0.020422	0.019476	0.018162	0.016432	0.014242	0.011569	0.011918	
-6000.00	0.019238	0.018734	0.018012	0.017021	0.015718	0.014063	0.012034	0.009624	0.012192	

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-1500.00	-1000.00	-500.00	X-COORD (METERS)		1000.00	1500.00	2000.00	2500.00
				0.00	500.00				
6000.00	0.044020	0.047842	0.051709	0.055487	0.049369	0.043342	0.037584	0.032242	0.027524
5500.00	0.045206	0.049335	0.053544	0.057665	0.050651	0.043776	0.037280	0.031348	0.028252
5000.00	0.046486	0.050947	0.055542	0.060056	0.051926	0.044012	0.036640	0.030043	0.029074
4500.00	0.047894	0.052706	0.057733	0.062701	0.053158	0.043953	0.035538	0.030055	0.030032
4000.00	0.049483	0.054648	0.060146	0.065651	0.054272	0.043446	0.033797	0.031113	0.031188
3500.00	0.052421	0.056654	0.062606	0.068699	0.054942	0.042117	0.032148	0.032427	0.032630
3000.00	0.060475	0.058925	0.065296	0.072064	0.055063	0.039700	0.033510	0.034043	0.034456
2500.00	0.071196	0.061352	0.067604	0.074916	0.053562	0.035376	0.035255	0.036246	0.036830
2000.00	0.085833	0.071800	0.070003	0.077722	0.050110	0.035671	0.037550	0.039207	0.035994
1500.00	0.107237	0.089518	0.071288	0.078318	0.042184	0.037896	0.041333	0.037558	0.034748
1000.00	0.107485	0.118480	0.078425	0.074549	0.035476	0.042009	0.038290	0.035728	0.034119
500.00	0.121954	0.110861	0.103057	0.050849	0.039556	0.036185	0.039578	0.042731	0.043496
0.00	0.200135	0.190480	0.106235	0.000000	0.054973	0.060452	0.058775	0.057179	0.054747
-500.00	0.122584	0.094818	0.046831	0.025534	0.053372	0.049307	0.050501	0.051102	0.050045
-1000.00	0.081714	0.062677	0.028273	0.038328	0.049633	0.060666	0.054029	0.049606	0.046588
-1500.00	0.057437	0.039949	0.024517	0.042105	0.048454	0.054932	0.060444	0.053709	0.048981
-2000.00	0.040343	0.025607	0.027399	0.041733	0.046251	0.050997	0.054364	0.057076	0.051499
-2500.00	0.028637	0.018068	0.028158	0.039472	0.043164	0.047418	0.049832	0.051896	0.053128
-3000.00	0.020608	0.019392	0.027871	0.036905	0.040170	0.043618	0.046017	0.047548	0.048761
-3500.00	0.015056	0.019903	0.026937	0.034224	0.037146	0.040150	0.042781	0.044012	0.045014
-4000.00	0.014522	0.019953	0.025842	0.031838	0.034474	0.037143	0.039579	0.040951	0.041828
-4500.00	0.015007	0.019700	0.024677	0.029689	0.032070	0.034452	0.036674	0.038352	0.039126
-5000.00	0.015224	0.019302	0.023559	0.027817	0.029971	0.032124	0.034157	0.035977	0.036803
-5500.00	0.015260	0.018830	0.022512	0.026180	0.028138	0.030095	0.031959	0.033658	0.034781
-6000.00	0.015178	0.018325	0.021544	0.024740	0.026528	0.028314	0.030027	0.031610	0.032999

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)						
	3000.00	3500.00	4000.00	4500.00	5000.00	5500.00	6000.00
6000.00	0.027347	0.027171	0.026970	0.026708	0.026422	0.026114	0.025785
5500.00	0.028109	0.027959	0.027792	0.027589	0.027302	0.026977	0.025641
5000.00	0.028976	0.028859	0.028710	0.028526	0.028291	0.026805	0.025412
4500.00	0.029992	0.029911	0.029780	0.029598	0.028016	0.026528	0.025110
4000.00	0.031213	0.031167	0.031048	0.029267	0.027619	0.026119	0.024739
3500.00	0.032723	0.032704	0.030667	0.028812	0.027143	0.025637	0.024273
3000.00	0.034639	0.032260	0.030141	0.028269	0.026603	0.025109	0.023762
2500.00	0.034069	0.031640	0.029520	0.027667	0.026028	0.024565	0.023259
2000.00	0.033222	0.030913	0.028855	0.027055	0.026030	0.026218	0.026287
1500.00	0.032298	0.030156	0.029942	0.030129	0.030128	0.029993	0.029763
1000.00	0.035261	0.035580	0.035522	0.035136	0.034633	0.034064	0.033456
500.00	0.043499	0.042668	0.041691	0.040534	0.039402	0.038313	0.037273
0.00	0.052672	0.050261	0.048137	0.046079	0.044250	0.042604	0.041106
-500.00	0.048835	0.047090	0.045442	0.043770	0.042234	0.040824	0.039520
-1000.00	0.045533	0.044170	0.042853	0.041480	0.040202	0.039007	0.037884
-1500.00	0.045177	0.042091	0.040582	0.039415	0.038324	0.037297	0.036324
-2000.00	0.047065	0.043586	0.040678	0.038283	0.036642	0.035732	0.034870
-2500.00	0.048529	0.044775	0.041680	0.039126	0.036983	0.035151	0.033572
-3000.00	0.049387	0.045582	0.042436	0.039805	0.037578	0.035667	0.034005
-3500.00	0.045701	0.046025	0.042919	0.040285	0.038028	0.036077	0.034374
-4000.00	0.042512	0.042964	0.043146	0.040560	0.038320	0.036365	0.034633
-4500.00	0.039776	0.040257	0.040556	0.040649	0.038459	0.036521	0.034742
-5000.00	0.037406	0.037887	0.038226	0.038424	0.038447	0.036495	0.034746
-5500.00	0.035334	0.035798	0.036155	0.036387	0.036440	0.036351	0.034654
-6000.00	0.033504	0.033948	0.034293	0.034494	0.034590	0.034589	0.034477

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.186445	AT (	-1500.00, 0.00) GC	6.	0.146713	AT (	-3500.00, 0.00) GC
2.	0.182869	AT (	-2000.00, 0.00) GC	7.	0.135527	AT (	-4000.00, 0.00) GC
3.	0.171510	AT (	-2500.00, 0.00) GC	8.	0.130180	AT (	-2500.00, -500.00) GC
4.	0.165440	AT (	-1000.00, 0.00) GC	9.	0.128742	AT (	-2000.00, -500.00) GC
5.	0.159183	AT (	-3000.00, 0.00) GC	10.	0.126823	AT (	-3000.00, -500.00) GC

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: 2 ***
 INCLUDING SOURCE(S): 11 ,

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.067588	AT (	-500.00, 0.00) GC	6.	0.025040	AT (	-1000.00, 0.00) GC
2.	0.042053	AT (	500.00, 0.00) GC	7.	0.019985	AT (	500.00, 500.00) GC
3.	0.035882	AT (	0.00, 500.00) GC	8.	0.019881	AT (	0.00, -500.00) GC
4.	0.032604	AT (	-500.00, 500.00) GC	9.	0.018407	AT (	0.00, 1000.00) GC
5.	0.025460	AT (	500.00, -500.00) GC	10.	0.017520	AT (	1000.00, 0.00) GC

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.200135	AT (	-1500.00, 0.00) GC	6.	0.150549	AT (	-3500.00, 0.00) GC
2.	0.191769	AT (	-2000.00, 0.00) GC	7.	0.138670	AT (	-4000.00, 0.00) GC
3.	0.190480	AT (	-1000.00, 0.00) GC	8.	0.134493	AT (	-2500.00, -500.00) GC
4.	0.177843	AT (	-2500.00, 0.00) GC	9.	0.134136	AT (	-2000.00, -500.00) GC
5.	0.164025	AT (	-3000.00, 0.00) GC	10.	0.131839	AT (	-2500.00, 500.00) GC

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

*** ISCLT2 - VERSION 92062 ***

*** ENRON III STATION 21 MAX ANNUAL NOX 500 M GRID 2-11-93 1985
*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** Message Summary For ISC2 Model Execution ***

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

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

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

***** WARNING MESSAGES *****
SO W320 26 PPARM : Source Parameter May Be Out-of-Range for Parameter VS
SO W320 27 PPARM : Source Parameter May Be Out-of-Range for Parameter VS

*** ISCLT2 Finishes Successfully ***

ISC MODEL RESULTS
NO_x ANNUAL
100 METER GRID
YEAR 1986

NO ECHO

*** Message Summary For ISC2 Model Setup ***

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

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

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

***** WARNING MESSAGES *****
SO W320 26 PPARM : Source Parameter May Be Out-of-Range for Parameter VS
SO W320 27 PPARM : Source Parameter May Be Out-of-Range for Parameter VS

*** SETUP Finishes Successfully ***

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

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

**Model Uses RURAL Dispersion.

**Model Uses Regulatory DEFAULT Options:

- 1. Final Plume Rise.
- 2. Stack-tip Downwash.
- 3. Buoyancy-induced Dispersion.
- 4. Default Wind Profile Exponents.
- 5. Default Vertical Potential Temperature Gradients.
- 6. "Upper Bound" Values For Supersquat Buildings.
- 7. No Exponential Decay for RURAL Mode

**Model Assumes Receptors on FLAT Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates 1 STAR Average(s) for the Following Months: 0 0 0 0 0 0 0 0 0 0 0 0
Seasons/Quarters: 0 0 0 0
and Annual: 1

**Model Assumes 1 STAR Summaries In Data File for the Averaging Periods Identified Above

**This Run Includes: 3 Source(s); 3 Source Group(s); and 625 Receptor(s)

**The Model Assumes A Pollutant Type of: NOX

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

**Output Options Selected:

- Model Outputs Tables of Long Term Values by Receptor (RECTABLE Keyword)
- Model Outputs Tables of Maximum Long Term Values (MAXTABLE Keyword)
- Model Outputs External File(s) of Long Term Values for Plotting (PLOTFILE Keyword)

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SECOND ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/CUBIC-METER

**Input Runstream File: st21n861.ann ; **Output Print File: st21n861.out

**Error Message File: st21n86.err

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (USER UNITS)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
1	0	0.11200E+01	0.0	0.0	0.0	15.24	763.72	55.43	1.01	YES	
2	0	0.11200E+01	0.0	-17.0	0.0	15.24	763.72	55.43	1.01	YES	
11	0	0.10000E-01	-20.0	5.0	0.0	6.10	894.27	44.10	0.09	YES	

*** ISCLT2 - VERSION 92062 ***

*** ENRON III STATION 21 MAX ANNUAL NOX 100 M GRID 2-11-93 1986
*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

*** 02/26/93
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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
1	1 , 2 ,
2	11 ,
3	1 , 2 , 11 ,

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: 1

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	9.1,	19.1,	0	2	9.1,	30.3,	0	3	9.1,	37.1,	0	4	9.1,	38.5,	0
5	9.1,	38.3,	0	6	9.1,	38.5,	0	7	9.1,	37.2,	0	8	9.1,	30.5,	0
9	9.1,	19.1,	0	10	9.1,	30.3,	0	11	9.1,	37.1,	0	12	9.1,	38.5,	0
13	9.1,	38.3,	0	14	9.1,	38.5,	0	15	9.1,	37.2,	0	16	9.1,	30.5,	0

SOURCE ID: 2

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	9.1,	19.1,	0	2	9.1,	30.3,	0	3	9.1,	37.1,	0	4	9.1,	38.5,	0
5	9.1,	38.3,	0	6	9.1,	38.5,	0	7	9.1,	37.2,	0	8	9.1,	30.5,	0
9	9.1,	19.1,	0	10	9.1,	30.3,	0	11	9.1,	37.1,	0	12	9.1,	38.5,	0
13	9.1,	38.3,	0	14	9.1,	38.5,	0	15	9.1,	37.2,	0	16	9.1,	30.5,	0

SOURCE ID: 11

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	5.7,	9.3,	0	2	5.7,	14.3,	0	3	9.1,	37.1,	0	4	9.1,	38.5,	0
5	9.1,	38.3,	0	6	9.1,	38.5,	0	7	9.1,	37.2,	0	8	9.1,	30.5,	0
9	5.7,	9.3,	0	10	5.7,	14.3,	0	11	9.1,	37.1,	0	12	9.1,	38.5,	0
13	9.1,	38.3,	0	14	9.1,	38.5,	0	15	9.1,	37.2,	0	16	9.1,	30.5,	0

*** ISCLT2 - VERSION 92062 ***

*** ENRON III STATION 21 MAX ANNUAL NOX 100 M GRID 2-11-93 1986

02/26/93

*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

13:29:52

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

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*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

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

-1200.0,	-1100.0,	-1000.0,	-900.0,	-800.0,	-700.0,	-600.0,	-500.0,	-400.0,	-300.0,
-200.0,	-100.0,	0.0,	100.0,	200.0,	300.0,	400.0,	500.0,	600.0,	700.0,
800.0,	900.0,	1000.0,	1100.0,	1200.0,					

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

-1200.0,	-1100.0,	-1000.0,	-900.0,	-800.0,	-700.0,	-600.0,	-500.0,	-400.0,	-300.0,
-200.0,	-100.0,	0.0,	100.0,	200.0,	300.0,	400.0,	500.0,	600.0,	700.0,
800.0,	900.0,	1000.0,	1100.0,	1200.0,					

*** ISCLT2 - VERSION 92062 ***

*** ENRON III STATION 21 MAX ANNUAL NOX 100 M GRID 2-11-93 1986
*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

* SOURCE-RECEPTOR COMBINATIONS LESS THAN 1.0 METER OR 3*2LB *
IN DISTANCE. CALCULATIONS MAY NOT BE PERFORMED.

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
1	0.0 0.0	0.00

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** AVERAGE SPEED FOR EACH WIND SPEED CATEGORY ***
 (METERS/SEC)

1.50, 2.50, 4.30, 6.80, 9.50, 12.50,

*** WIND PROFILE EXPONENTS ***

STABILITY CATEGORY	WIND SPEED CATEGORY					
	1	2	3	4	5	6
A	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01
B	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01
C	.10000E+00	.10000E+00	.10000E+00	.10000E+00	.10000E+00	.10000E+00
D	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
E	.35000E+00	.35000E+00	.35000E+00	.35000E+00	.35000E+00	.35000E+00
F	.55000E+00	.55000E+00	.55000E+00	.55000E+00	.55000E+00	.55000E+00

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
 (DEGREES KELVIN PER METER)

STABILITY CATEGORY	WIND SPEED CATEGORY					
	1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

*** AVERAGE AMBIENT AIR TEMPERATURE (KELVIN) ***

	STABILITY CATEGORY A	STABILITY CATEGORY B	STABILITY CATEGORY C	STABILITY CATEGORY D	STABILITY CATEGORY E	STABILITY CATEGORY F
ANNUAL	301.4000	301.4000	301.4000	296.8000	292.2000	292.2000

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** FREQUENCY OF OCCURRENCE OF WIND SPEED, DIRECTION AND STABILITY ***

FILE: jfwpb86.Y

FORMAT: (6F10.6)

SURFACE STATION NO.: 12844

UPPER AIR STATION NO.: 12844

NAME: WESTPALMBEACH-FL

NAME: WESTPALMBEACH-FL

YEAR: 1986

YEAR: 1986

ANNUAL: STABILITY CATEGORY A

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00003700	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
22.500	0.00007400	0.00022900	0.00000000	0.00000000	0.00000000	0.00000000
45.000	0.00003700	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
67.500	0.00007400	0.00022900	0.00000000	0.00000000	0.00000000	0.00000000
90.000	0.00025600	0.00080000	0.00000000	0.00000000	0.00000000	0.00000000
112.500	0.00007400	0.00022900	0.00000000	0.00000000	0.00000000	0.00000000
135.000	0.00022400	0.00022900	0.00000000	0.00000000	0.00000000	0.00000000
157.500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
180.000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
202.500	0.00018800	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
225.000	0.00033800	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
247.500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
270.000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
292.500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
315.000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
337.500	0.00007400	0.00022900	0.00000000	0.00000000	0.00000000	0.00000000

ANNUAL: STABILITY CATEGORY B

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00054800	0.00125600	0.00125600	0.00000000	0.00000000	0.00000000
22.500	0.00016300	0.00080000	0.00159900	0.00000000	0.00000000	0.00000000
45.000	0.00053000	0.00091400	0.00285400	0.00000000	0.00000000	0.00000000
67.500	0.00008000	0.00148500	0.00262600	0.00000000	0.00000000	0.00000000
90.000	0.00047700	0.00216900	0.00399600	0.00000000	0.00000000	0.00000000
112.500	0.00081300	0.00171300	0.00228400	0.00000000	0.00000000	0.00000000
135.000	0.00027100	0.00057100	0.00228400	0.00000000	0.00000000	0.00000000
157.500	0.00014500	0.00045700	0.00102800	0.00000000	0.00000000	0.00000000
180.000	0.00069300	0.00171300	0.00137000	0.00000000	0.00000000	0.00000000
202.500	0.00044600	0.00159900	0.00148500	0.00000000	0.00000000	0.00000000
225.000	0.00039200	0.00057100	0.00102800	0.00000000	0.00000000	0.00000000
247.500	0.00053600	0.00102800	0.00091400	0.00000000	0.00000000	0.00000000
270.000	0.00087900	0.00068500	0.00068500	0.00000000	0.00000000	0.00000000
292.500	0.00092700	0.00159900	0.00080000	0.00000000	0.00000000	0.00000000
315.000	0.00075200	0.00057100	0.00091400	0.00000000	0.00000000	0.00000000
337.500	0.00080100	0.00148500	0.00080000	0.00000000	0.00000000	0.00000000

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** FREQUENCY OF OCCURRENCE OF WIND SPEED, DIRECTION AND STABILITY ***

FILE: jfwpb86.Y

FORMAT: (6F10.6)

SURFACE STATION NO.: 12844

UPPER AIR STATION NO.: 12844

NAME: WESTPALMBEACH-FL

NAME: WESTPALMBEACH-FL

YEAR: 1986

YEAR: 1986

ANNUAL: STABILITY CATEGORY C

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00040400	0.00216900	0.00376800	0.00091400	0.00000000	0.00011500
22.500	0.00012800	0.00045700	0.00365300	0.00080000	0.00000000	0.00000000
45.000	0.00001700	0.00068500	0.00559400	0.00308300	0.00011500	0.00000000
67.500	0.00002000	0.00080000	0.00627900	0.00513700	0.00000000	0.00000000
90.000	0.00029000	0.00228400	0.01701000	0.01175800	0.00022900	0.00000000
112.500	0.00014200	0.00102800	0.01061700	0.00685000	0.00011500	0.00000000
135.000	0.00004200	0.00171300	0.00719200	0.00411000	0.00034300	0.00000000
157.500	0.00048800	0.00080000	0.00308300	0.00114200	0.00011500	0.00000000
180.000	0.00041800	0.00274000	0.00685000	0.00159900	0.00011500	0.00000000
202.500	0.00026700	0.00137000	0.00456700	0.00125600	0.00000000	0.00000000
225.000	0.00004500	0.00182700	0.00388200	0.00080000	0.00000000	0.00000000
247.500	0.00004200	0.00171300	0.00216900	0.00057100	0.00000000	0.00000000
270.000	0.00040100	0.00205500	0.00274000	0.00102800	0.00000000	0.00000000
292.500	0.00026200	0.00114200	0.00285400	0.00091400	0.00000000	0.00000000
315.000	0.00007800	0.00319700	0.00319700	0.00057100	0.00000000	0.00000000
337.500	0.00016200	0.00182700	0.00399600	0.00022900	0.00011500	0.00000000

ANNUAL: STABILITY CATEGORY D

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00005400	0.00319700	0.00753500	0.01016000	0.00080000	0.00000000
22.500	0.00013600	0.00114200	0.00251200	0.00924700	0.00125600	0.00011500
45.000	0.00014700	0.00182700	0.00799100	0.01438400	0.00239800	0.00045700
67.500	0.00002200	0.00125600	0.00970400	0.02956700	0.00308300	0.00022900
90.000	0.00014700	0.00182700	0.02100500	0.06118800	0.00707800	0.00045700
112.500	0.00003100	0.00182700	0.01324300	0.02500000	0.00148500	0.00000000
135.000	0.00002200	0.00125600	0.01084500	0.01723800	0.00159900	0.00057100
157.500	0.00002000	0.00114200	0.00616500	0.00673600	0.00045700	0.00022900
180.000	0.00026500	0.00194100	0.00993200	0.00787700	0.00034300	0.00000000
202.500	0.00002200	0.00125600	0.00582200	0.00308300	0.00011500	0.00000000
225.000	0.00038300	0.00205500	0.00559400	0.00468100	0.00045700	0.00011500
247.500	0.00016100	0.00262600	0.00319700	0.00194100	0.00022900	0.00000000
270.000	0.00016800	0.00308300	0.00308300	0.00353900	0.00068500	0.00011500
292.500	0.00062500	0.00262600	0.00399600	0.00445300	0.00068500	0.00022900
315.000	0.00026100	0.00171300	0.00696400	0.00570800	0.00034300	0.00011500
337.500	0.00028300	0.00296900	0.01038900	0.00627900	0.00022900	0.00011500

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** FREQUENCY OF OCCURRENCE OF WIND SPEED, DIRECTION AND STABILITY ***

FILE: jfwpb86.Y

FORMAT: (6F10.6)

SURFACE STATION NO.: 12844

UPPER AIR STATION NO.: 12844

NAME: WESTPALMBEACH-FL

NAME: WESTPALMBEACH-FL

YEAR: 1986

YEAR: 1986

ANNUAL: STABILITY CATEGORY E

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00000000	0.00490900	0.00137000	0.00000000	0.00000000	0.00000000
22.500	0.00000000	0.00125600	0.00182700	0.00000000	0.00000000	0.00000000
45.000	0.00000000	0.00125600	0.00536600	0.00000000	0.00000000	0.00000000
67.500	0.00000000	0.00194100	0.00901900	0.00000000	0.00000000	0.00000000
90.000	0.00000000	0.00319700	0.02534300	0.00000000	0.00000000	0.00000000
112.500	0.00000000	0.00445300	0.01267200	0.00000000	0.00000000	0.00000000
135.000	0.00000000	0.00559400	0.00605100	0.00000000	0.00000000	0.00000000
157.500	0.00000000	0.00388200	0.00456700	0.00000000	0.00000000	0.00000000
180.000	0.00000000	0.01027400	0.00559400	0.00000000	0.00000000	0.00000000
202.500	0.00000000	0.00422400	0.00194100	0.00000000	0.00000000	0.00000000
225.000	0.00000000	0.00479500	0.00137000	0.00000000	0.00000000	0.00000000
247.500	0.00000000	0.00411000	0.00182700	0.00000000	0.00000000	0.00000000
270.000	0.00000000	0.00536600	0.00262600	0.00000000	0.00000000	0.00000000
292.500	0.00000000	0.00548000	0.00411000	0.00000000	0.00000000	0.00000000
315.000	0.00000000	0.00673600	0.00593700	0.00000000	0.00000000	0.00000000
337.500	0.00000000	0.00502300	0.00502300	0.00000000	0.00000000	0.00000000

ANNUAL: STABILITY CATEGORY F

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00323100	0.00353900	0.00000000	0.00000000	0.00000000	0.00000000
22.500	0.00099800	0.00194100	0.00000000	0.00000000	0.00000000	0.00000000
45.000	0.00128800	0.00331100	0.00000000	0.00000000	0.00000000	0.00000000
67.500	0.00173900	0.00388200	0.00000000	0.00000000	0.00000000	0.00000000
90.000	0.00561900	0.01073100	0.00000000	0.00000000	0.00000000	0.00000000
112.500	0.00417900	0.00936100	0.00000000	0.00000000	0.00000000	0.00000000
135.000	0.00378500	0.00605100	0.00000000	0.00000000	0.00000000	0.00000000
157.500	0.00404300	0.00822000	0.00000000	0.00000000	0.00000000	0.00000000
180.000	0.00627900	0.01735200	0.00000000	0.00000000	0.00000000	0.00000000
202.500	0.00629100	0.00993200	0.00000000	0.00000000	0.00000000	0.00000000
225.000	0.00673600	0.01153000	0.00000000	0.00000000	0.00000000	0.00000000
247.500	0.00797300	0.01118800	0.00000000	0.00000000	0.00000000	0.00000000
270.000	0.00785300	0.01232900	0.00000000	0.00000000	0.00000000	0.00000000
292.500	0.00720400	0.00901900	0.00000000	0.00000000	0.00000000	0.00000000
315.000	0.00742400	0.01301400	0.00000000	0.00000000	0.00000000	0.00000000
337.500	0.00584500	0.00833400	0.00000000	0.00000000	0.00000000	0.00000000

SUM OF FREQUENCIES, FTOTAL = 1.00016

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-1200.00	-1100.00	-1000.00	-900.00	-800.00	-700.00	-600.00	-500.00	-400.00
1200.00	0.082280	0.077179	0.071459	0.065143	0.058296	0.051041	0.043573	0.036377	0.039664
1100.00	0.085471	0.082534	0.076579	0.069907	0.062573	0.054698	0.046496	0.038282	0.036933
1000.00	0.088819	0.085692	0.082223	0.075217	0.067393	0.058864	0.049852	0.040717	0.033980
900.00	0.092589	0.089008	0.085214	0.081083	0.072786	0.063582	0.053691	0.043493	0.033555
800.00	0.096844	0.092804	0.088358	0.083700	0.078742	0.068869	0.057951	0.046069	0.034728
700.00	0.101643	0.097163	0.092052	0.086457	0.080673	0.074607	0.061967	0.048833	0.036189
600.00	0.107040	0.102170	0.096418	0.089862	0.082505	0.074251	0.066244	0.052017	0.037721
500.00	0.113071	0.107895	0.101574	0.094078	0.084455	0.074133	0.064322	0.055028	0.035714
400.00	0.127996	0.118708	0.108240	0.099032	0.087612	0.075333	0.062715	0.045727	0.031988
300.00	0.146428	0.136862	0.125397	0.110529	0.093967	0.078112	0.059805	0.037588	0.021170
200.00	0.167228	0.157999	0.146422	0.129466	0.110435	0.089603	0.059684	0.033149	0.014438
100.00	0.189994	0.181697	0.170616	0.153079	0.132749	0.108809	0.069007	0.034398	0.012079
0.00	0.214132	0.207249	0.197639	0.180410	0.159875	0.135094	0.088558	0.045737	0.016752
-100.00	0.191634	0.183469	0.172503	0.154898	0.134448	0.110162	0.069642	0.034356	0.011901
-200.00	0.165802	0.156485	0.144778	0.127440	0.108010	0.086608	0.055417	0.029018	0.011971
-300.00	0.141764	0.131860	0.120025	0.104434	0.087138	0.069941	0.052179	0.031736	0.016666
-400.00	0.120057	0.110188	0.098981	0.088414	0.077820	0.066389	0.054374	0.037883	0.025700
-500.00	0.101166	0.095785	0.090155	0.083365	0.074322	0.064565	0.055161	0.046481	0.030966
-600.00	0.094448	0.090090	0.084895	0.078899	0.071871	0.063981	0.056790	0.046250	0.035256
-700.00	0.089052	0.084993	0.080321	0.075138	0.069671	0.064099	0.054908	0.045118	0.035853
-800.00	0.084143	0.080440	0.076330	0.071965	0.067611	0.060729	0.052727	0.044100	0.036037
-900.00	0.079684	0.076364	0.072818	0.069228	0.063619	0.057157	0.050197	0.043025	0.036115
-1000.00	0.075630	0.072699	0.069692	0.065092	0.059746	0.053871	0.047656	0.041402	0.036092
-1100.00	0.071937	0.069381	0.065576	0.061135	0.056196	0.050858	0.045295	0.039770	0.037298
-1200.00	0.068561	0.065380	0.061666	0.057503	0.052944	0.048088	0.043092	0.038180	0.038325

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 ;

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-300.00	-200.00	-100.00	0.00	100.00	200.00	300.00	400.00	500.00
1200.00	0.043815	0.048645	0.054065	0.059936	0.054932	0.050362	0.046329	0.042891	0.040081
1100.00	0.040837	0.045563	0.051028	0.057071	0.052020	0.047544	0.043753	0.040691	0.038780
1000.00	0.037461	0.041938	0.047295	0.053493	0.048430	0.044191	0.040800	0.038298	0.037150
900.00	0.033339	0.037113	0.042170	0.048310	0.043480	0.039740	0.037188	0.035786	0.035133
800.00	0.028794	0.031830	0.036405	0.042310	0.037842	0.034796	0.033224	0.032557	0.032481
700.00	0.025032	0.026279	0.030000	0.035600	0.031491	0.029451	0.029053	0.028871	0.029492
600.00	0.023756	0.018274	0.019530	0.023543	0.020703	0.021157	0.023069	0.024817	0.026446
500.00	0.019951	0.011210	0.010703	0.012821	0.011185	0.012933	0.014885	0.018569	0.023554
400.00	0.015973	0.007213	0.005204	0.005836	0.004861	0.006076	0.008382	0.013115	0.016539
300.00	0.012228	0.005201	0.003074	0.002955	0.002129	0.002802	0.004895	0.007312	0.010741
200.00	0.005894	0.005724	0.003836	0.002269	0.001846	0.002682	0.002709	0.004296	0.007641
100.00	0.002832	0.002759	0.008457	0.000762	0.002620	0.002172	0.002080	0.003398	0.006466
0.00	0.005486	0.005768	0.008194	0.000000	0.002367	0.002978	0.002857	0.003892	0.007107
-100.00	0.003517	0.002969	0.007048	0.002697	0.003332	0.003889	0.003332	0.004279	0.007382
-200.00	0.004384	0.004032	0.002235	0.002878	0.002716	0.003145	0.003469	0.005512	0.009632
-300.00	0.008821	0.003345	0.001539	0.002734	0.002550	0.003039	0.004728	0.007077	0.011543
-400.00	0.012954	0.005544	0.003311	0.003820	0.003835	0.005052	0.007015	0.010925	0.015150
-500.00	0.018305	0.010917	0.008101	0.008416	0.007918	0.010071	0.011886	0.015513	0.020867
-600.00	0.024214	0.018032	0.015620	0.016310	0.015053	0.016771	0.019214	0.021784	0.023978
-700.00	0.027976	0.025351	0.024445	0.025897	0.023941	0.024457	0.025824	0.026047	0.027266
-800.00	0.030568	0.029555	0.029754	0.031321	0.029398	0.028932	0.029849	0.030199	0.030801
-900.00	0.033492	0.033207	0.033929	0.035718	0.033745	0.032999	0.033467	0.034292	0.034301
-1000.00	0.035996	0.036465	0.037591	0.039549	0.037622	0.036728	0.036700	0.037435	0.037122
-1100.00	0.037729	0.038640	0.040076	0.042044	0.040325	0.039343	0.039090	0.039502	0.039639
-1200.00	0.039139	0.040336	0.041939	0.043940	0.042385	0.041433	0.041081	0.041281	0.041855

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	600.00	700.00	800.00	900.00	1000.00	1100.00	1200.00
1200.00	0.039109	0.038478	0.038112	0.037964	0.037988	0.038145	0.038402
1100.00	0.037978	0.037514	0.037326	0.037353	0.037543	0.037850	0.036913
1000.00	0.036576	0.036359	0.036417	0.036677	0.037077	0.036131	0.035208
900.00	0.034913	0.035044	0.035431	0.035987	0.035064	0.034170	0.033426
800.00	0.032991	0.033645	0.034454	0.033598	0.032779	0.032123	0.031597
700.00	0.030702	0.032270	0.031586	0.030908	0.030410	0.030044	0.029772
600.00	0.028538	0.028451	0.028346	0.028153	0.028041	0.028007	0.028017
500.00	0.024079	0.024416	0.024916	0.025459	0.025788	0.026112	0.026416
400.00	0.019528	0.020671	0.021823	0.022971	0.023922	0.025257	0.026490
300.00	0.014818	0.017607	0.019710	0.021980	0.024018	0.025650	0.027081
200.00	0.012047	0.016658	0.019536	0.022206	0.024652	0.026475	0.028035
100.00	0.011207	0.016902	0.020253	0.023176	0.025815	0.027753	0.029359
0.00	0.012277	0.018459	0.021884	0.024890	0.027580	0.029469	0.031035
-100.00	0.012485	0.018645	0.022230	0.025238	0.027936	0.029860	0.031409
-200.00	0.014861	0.020443	0.023603	0.026416	0.028951	0.030690	0.032114
-300.00	0.017870	0.023165	0.026003	0.028507	0.030590	0.032052	0.033254
-400.00	0.020643	0.024146	0.027542	0.030789	0.032729	0.033838	0.034746
-500.00	0.023328	0.025978	0.028805	0.031473	0.033501	0.035202	0.036471
-600.00	0.026687	0.028668	0.030853	0.032717	0.034311	0.035705	0.036876
-700.00	0.029347	0.031902	0.033174	0.034401	0.035586	0.036656	0.037575
-800.00	0.032201	0.033885	0.035626	0.036403	0.037202	0.037953	0.038614
-900.00	0.034815	0.035795	0.037130	0.038590	0.039043	0.039497	0.039909
-1000.00	0.037180	0.037715	0.038618	0.039782	0.041014	0.041202	0.041383
-1100.00	0.039374	0.039557	0.040103	0.040926	0.041948	0.042997	0.042971
-1200.00	0.041351	0.041261	0.041520	0.042059	0.042811	0.043716	0.044618

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2
 INCLUDING SOURCE(S): 11

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-1200.00	-1100.00	-1000.00	X-COORD (METERS) -900.00	-800.00	-700.00	-600.00	-500.00	-400.00
1200.00	0.005765	0.005804	0.006078	0.006318	0.006582	0.006813	0.006995	0.007124	0.008134
1100.00	0.006283	0.006557	0.006568	0.006924	0.007266	0.007578	0.007837	0.008017	0.008631
1000.00	0.006900	0.007165	0.007547	0.007602	0.008044	0.008462	0.008829	0.009110	0.009290
900.00	0.007576	0.007978	0.008365	0.008862	0.008927	0.009487	0.010003	0.010431	0.010709
800.00	0.008334	0.008865	0.009403	0.009926	0.010592	0.010670	0.011394	0.012038	0.012534
700.00	0.009138	0.009820	0.010542	0.011286	0.012019	0.012949	0.013044	0.014033	0.014663
600.00	0.009976	0.010832	0.011771	0.012786	0.013857	0.014944	0.016312	0.016235	0.017509
500.00	0.011714	0.011878	0.013066	0.014404	0.015896	0.017429	0.018979	0.021029	0.021180
400.00	0.012986	0.014148	0.015952	0.016676	0.018117	0.020138	0.022723	0.025496	0.029216
300.00	0.014605	0.016157	0.017957	0.020053	0.022809	0.025669	0.026829	0.031527	0.037038
200.00	0.016166	0.018107	0.020439	0.023298	0.026361	0.030591	0.035990	0.046062	0.048914
100.00	0.017612	0.019917	0.022750	0.026337	0.030354	0.036046	0.044148	0.055528	0.072252
0.00	0.019171	0.021855	0.025206	0.029466	0.034515	0.041789	0.052525	0.068490	0.094179
-100.00	0.016301	0.018313	0.020755	0.023802	0.027067	0.031672	0.038036	0.046551	0.058142
-200.00	0.014022	0.015496	0.017209	0.019224	0.021126	0.023690	0.026796	0.031321	0.030571
-300.00	0.011713	0.012656	0.013659	0.014687	0.016054	0.016294	0.016998	0.019977	0.023428
-400.00	0.009445	0.009892	0.010706	0.010249	0.011416	0.012583	0.014211	0.015888	0.016318
-500.00	0.007425	0.007437	0.008170	0.008993	0.009901	0.010790	0.011663	0.011797	0.011235
-600.00	0.006204	0.006725	0.007293	0.007901	0.008532	0.009158	0.009197	0.008661	0.008762
-700.00	0.005639	0.006045	0.006470	0.006900	0.007311	0.007309	0.007036	0.007124	0.006903
-800.00	0.005101	0.005409	0.005715	0.006002	0.005990	0.005804	0.005882	0.005793	0.005549
-900.00	0.004599	0.004824	0.005033	0.005016	0.004881	0.004951	0.004940	0.004815	0.004536
-1000.00	0.004158	0.004292	0.004275	0.004174	0.004237	0.004246	0.004182	0.004020	0.003814
-1100.00	0.003741	0.003716	0.003619	0.003674	0.003692	0.003662	0.003567	0.003388	0.003601
-1200.00	0.003261	0.003197	0.003236	0.003243	0.003232	0.003176	0.003063	0.002913	0.003423

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2
 INCLUDING SOURCE(S): 11

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-300.00	-200.00	-100.00	X-COORD (METERS)			200.00	300.00	400.00	500.00
				0.00	100.00	200.00				
1200.00	0.009472	0.010811	0.012101	0.012622	0.011411	0.010235	0.009041	0.007865	0.007406	
1100.00	0.010227	0.011840	0.013398	0.014014	0.012525	0.011086	0.009638	0.008321	0.008238	
1000.00	0.011056	0.013020	0.014926	0.015658	0.013801	0.012015	0.010239	0.009287	0.009222	
900.00	0.011944	0.014345	0.016695	0.017560	0.015210	0.012971	0.010801	0.010539	0.010398	
800.00	0.012956	0.015899	0.018927	0.020032	0.016952	0.014050	0.012063	0.012067	0.011801	
700.00	0.015147	0.017724	0.021650	0.023047	0.018905	0.015083	0.014086	0.013986	0.013582	
600.00	0.018448	0.019901	0.025225	0.027019	0.021151	0.016635	0.016780	0.016488	0.015689	
500.00	0.023082	0.023815	0.029886	0.032251	0.023800	0.020371	0.020601	0.019703	0.019666	
400.00	0.029487	0.032093	0.035987	0.039122	0.026074	0.026439	0.025937	0.025973	0.022134	
300.00	0.044397	0.044726	0.045311	0.050512	0.035133	0.036126	0.036730	0.029954	0.024646	
200.00	0.059983	0.078836	0.078907	0.076884	0.057637	0.058383	0.043615	0.035656	0.028547	
100.00	0.103843	0.145391	0.198891	0.200855	0.117705	0.083960	0.051605	0.038308	0.030194	
0.00	0.140265	0.238611	0.574089	0.000000	0.193563	0.098668	0.063299	0.045115	0.034417	
-100.00	0.079353	0.092107	0.110035	0.196233	0.149275	0.087687	0.055002	0.038810	0.030443	
-200.00	0.038651	0.043425	0.044249	0.075947	0.086480	0.072266	0.048490	0.037147	0.030000	
-300.00	0.024646	0.023442	0.023951	0.044106	0.055741	0.050610	0.045013	0.033686	0.026855	
-400.00	0.015508	0.015508	0.018466	0.029811	0.033614	0.038176	0.034446	0.031644	0.025101	
-500.00	0.011349	0.010780	0.014867	0.022026	0.025017	0.029462	0.027740	0.025414	0.023919	
-600.00	0.008467	0.009023	0.012213	0.017044	0.019369	0.021256	0.022570	0.021463	0.019897	
-700.00	0.006521	0.008032	0.010320	0.013782	0.015580	0.016760	0.018752	0.018085	0.017294	
-800.00	0.005462	0.007157	0.008864	0.011453	0.012864	0.013934	0.015396	0.015547	0.014966	
-900.00	0.005114	0.006397	0.007706	0.009714	0.010881	0.011736	0.012291	0.013360	0.013031	
-1000.00	0.004779	0.005830	0.006868	0.008452	0.009373	0.010074	0.010555	0.011582	0.011414	
-1100.00	0.004436	0.005287	0.006123	0.007396	0.008149	0.008740	0.009167	0.009490	0.010058	
-1200.00	0.004116	0.004815	0.005499	0.006541	0.007165	0.007667	0.008045	0.008302	0.008917	

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2 ***
 INCLUDING SOURCE(S): 11

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)						
	600.00	700.00	800.00	900.00	1000.00	1100.00	1200.00
1200.00	0.007318	0.007155	0.006938	0.006736	0.006466	0.006226	0.006138
1100.00	0.008100	0.007876	0.007593	0.007275	0.007005	0.006889	0.006517
1000.00	0.009013	0.008706	0.008338	0.007937	0.007806	0.007354	0.006878
900.00	0.010087	0.009669	0.009190	0.009042	0.008385	0.007774	0.007256
800.00	0.011368	0.010796	0.010632	0.009774	0.008984	0.008263	0.007610
700.00	0.012904	0.012735	0.011579	0.010529	0.009586	0.008746	0.007999
600.00	0.015615	0.013999	0.012553	0.011282	0.010172	0.009204	0.008360
500.00	0.017266	0.015295	0.013510	0.011998	0.010712	0.009752	0.009027
400.00	0.019052	0.016430	0.014387	0.013162	0.011526	0.010217	0.009257
300.00	0.020773	0.018794	0.015455	0.013616	0.012084	0.010801	0.009719
200.00	0.022652	0.019263	0.016587	0.014463	0.012722	0.011292	0.010104
100.00	0.024523	0.020498	0.017412	0.015109	0.013204	0.011662	0.010393
0.00	0.027338	0.022503	0.018882	0.016236	0.014082	0.012361	0.010960
-100.00	0.024652	0.020572	0.017459	0.015145	0.013225	0.011675	0.010400
-200.00	0.022822	0.019374	0.016663	0.014508	0.012747	0.011305	0.010109
-300.00	0.021810	0.019234	0.015740	0.013665	0.012108	0.010811	0.009720
-400.00	0.021056	0.017694	0.015162	0.013381	0.011782	0.010223	0.009253
-500.00	0.019760	0.017066	0.014736	0.012817	0.011228	0.009922	0.009211
-600.00	0.018939	0.016106	0.014114	0.012422	0.010987	0.009767	0.008727
-700.00	0.016179	0.015422	0.013377	0.011910	0.010636	0.009532	0.008575
-800.00	0.014229	0.013411	0.012856	0.011329	0.010213	0.009226	0.008357
-900.00	0.012548	0.011971	0.011344	0.010922	0.009747	0.008874	0.008146
-1000.00	0.011107	0.010705	0.010244	0.009751	0.009420	0.008566	0.007871
-1100.00	0.009873	0.009599	0.009263	0.008888	0.008567	0.008302	0.007598
-1200.00	0.008816	0.008634	0.008393	0.008166	0.007874	0.007595	0.007387

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-1200.00	-1100.00	-1000.00	-900.00	-800.00	-700.00	-600.00	-500.00	-400.00
1200.00	0.088046	0.082983	0.077537	0.071461	0.064878	0.057854	0.050567	0.043501	0.047798
1100.00	0.091754	0.089091	0.083147	0.076831	0.069839	0.062276	0.054333	0.046299	0.045563
1000.00	0.095718	0.092857	0.089770	0.082819	0.075438	0.067326	0.058681	0.049827	0.043270
900.00	0.100165	0.096986	0.093579	0.089944	0.081712	0.073068	0.063694	0.053924	0.044263
800.00	0.105177	0.101668	0.097760	0.093626	0.089335	0.079539	0.069345	0.058107	0.047262
700.00	0.110781	0.106983	0.102594	0.097743	0.092692	0.087556	0.075011	0.062866	0.050852
600.00	0.117016	0.113002	0.108189	0.102649	0.096362	0.089195	0.082556	0.068252	0.055231
500.00	0.124786	0.119773	0.114639	0.108482	0.100350	0.091562	0.083301	0.076056	0.056893
400.00	0.140982	0.132856	0.124192	0.115707	0.105728	0.095471	0.085438	0.071223	0.061204
300.00	0.161033	0.153019	0.143353	0.130582	0.116775	0.103780	0.086634	0.069114	0.058207
200.00	0.183394	0.176106	0.166862	0.152764	0.136796	0.120195	0.095674	0.079211	0.063352
100.00	0.207606	0.201614	0.193366	0.179416	0.163103	0.144855	0.113155	0.089926	0.084331
0.00	0.233303	0.229103	0.222845	0.209876	0.194390	0.176882	0.141083	0.114227	0.110931
-100.00	0.207935	0.201782	0.193258	0.178700	0.161515	0.141834	0.107679	0.080906	0.070042
-200.00	0.179824	0.171982	0.161987	0.146664	0.129136	0.110298	0.082213	0.060339	0.042542
-300.00	0.153477	0.144516	0.133684	0.119121	0.103192	0.086235	0.069177	0.051713	0.040094
-400.00	0.129502	0.120080	0.109687	0.098664	0.089236	0.078973	0.068585	0.053770	0.042018
-500.00	0.108591	0.103222	0.098325	0.092357	0.084223	0.075355	0.066824	0.058278	0.042201
-600.00	0.100652	0.096815	0.092188	0.086800	0.080403	0.073139	0.065988	0.054911	0.044019
-700.00	0.094691	0.091038	0.086791	0.082039	0.076982	0.071408	0.061944	0.052241	0.042756
-800.00	0.089244	0.085849	0.082045	0.077967	0.073601	0.066533	0.058609	0.049893	0.041586
-900.00	0.084283	0.081188	0.077851	0.074244	0.068501	0.062108	0.055137	0.047840	0.040650
-1000.00	0.079788	0.076991	0.073967	0.069266	0.063982	0.058117	0.051838	0.045422	0.039906
-1100.00	0.075678	0.073097	0.069194	0.064809	0.059888	0.054519	0.048862	0.043158	0.040899
-1200.00	0.071822	0.068577	0.064902	0.060746	0.056176	0.051263	0.046155	0.041094	0.041749

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-300.00	-200.00	-100.00	X-COORD (METERS)		200.00	300.00	400.00	500.00
				0.00	100.00				
1200.00	0.053287	0.059456	0.066167	0.072558	0.066343	0.060597	0.055370	0.050756	0.047488
1100.00	0.051064	0.057403	0.064426	0.071085	0.064545	0.058630	0.053392	0.049012	0.047018
1000.00	0.048517	0.054958	0.062222	0.069151	0.062231	0.056206	0.051039	0.047585	0.046372
900.00	0.045283	0.051458	0.058865	0.065870	0.058690	0.052711	0.047989	0.046325	0.045531
800.00	0.041750	0.047729	0.055332	0.062342	0.054793	0.048846	0.045286	0.044624	0.044282
700.00	0.040179	0.044003	0.051650	0.058647	0.050396	0.044534	0.043138	0.042857	0.043073
600.00	0.042204	0.038175	0.044755	0.050562	0.041855	0.037793	0.039849	0.041305	0.042135
500.00	0.043033	0.035025	0.040589	0.045072	0.034985	0.033304	0.035486	0.038272	0.043220
400.00	0.045460	0.039305	0.041191	0.044958	0.030935	0.032515	0.034318	0.039088	0.038672
300.00	0.056625	0.049927	0.048385	0.053468	0.037262	0.038928	0.041625	0.037266	0.035387
200.00	0.065877	0.084561	0.082743	0.079153	0.059483	0.061066	0.046324	0.039952	0.036188
100.00	0.106674	0.148150	0.207348	0.201617	0.120325	0.086133	0.053684	0.041706	0.036660
0.00	0.145751	0.244379	0.582284	0.000000	0.195929	0.101646	0.066156	0.049007	0.041524
-100.00	0.082869	0.095076	0.117083	0.198930	0.152607	0.091576	0.058334	0.043090	0.037825
-200.00	0.043036	0.047457	0.046484	0.078825	0.089196	0.075411	0.051959	0.042659	0.039633
-300.00	0.033468	0.026787	0.025490	0.046841	0.058292	0.053649	0.049741	0.040762	0.038397
-400.00	0.028462	0.021053	0.021776	0.033631	0.037449	0.043227	0.041461	0.042569	0.040251
-500.00	0.029653	0.021697	0.022968	0.030442	0.032936	0.039533	0.039625	0.040928	0.044786
-600.00	0.032680	0.027055	0.027832	0.033355	0.034422	0.038027	0.041784	0.043247	0.043876
-700.00	0.034497	0.033383	0.034766	0.039679	0.039521	0.041217	0.044576	0.044132	0.044560
-800.00	0.036030	0.036713	0.038618	0.042774	0.042262	0.042866	0.045244	0.045745	0.045767
-900.00	0.038606	0.039604	0.041635	0.045431	0.044626	0.044735	0.045758	0.047652	0.047332
-1000.00	0.040776	0.042296	0.044460	0.048001	0.046995	0.046802	0.047255	0.049017	0.048535
-1100.00	0.042165	0.043927	0.046199	0.049441	0.048474	0.048083	0.048258	0.048992	0.049697
-1200.00	0.043255	0.045151	0.047438	0.050481	0.049549	0.049100	0.049125	0.049583	0.050772

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)						
	600.00	700.00	800.00	900.00	1000.00	1100.00	1200.00
1200.00	0.046427	0.045633	0.045050	0.044700	0.044454	0.044371	0.044540
1100.00	0.046078	0.045390	0.044919	0.044628	0.044548	0.044739	0.043430
1000.00	0.045589	0.045065	0.044755	0.044614	0.044884	0.043485	0.042086
900.00	0.045000	0.044713	0.044621	0.045029	0.043449	0.041943	0.040681
800.00	0.044359	0.044441	0.045086	0.043372	0.041762	0.040386	0.039208
700.00	0.043606	0.045005	0.043165	0.041437	0.039996	0.038790	0.037771
600.00	0.044153	0.042450	0.040899	0.039436	0.038213	0.037211	0.036377
500.00	0.041345	0.039710	0.038426	0.037457	0.036500	0.035864	0.035443
400.00	0.038580	0.037101	0.036210	0.036133	0.035448	0.035474	0.035747
300.00	0.035590	0.036401	0.035165	0.035596	0.036101	0.036452	0.036800
200.00	0.034700	0.035921	0.036123	0.036670	0.037373	0.037768	0.038139
100.00	0.035731	0.037400	0.037665	0.038285	0.039019	0.039415	0.039752
0.00	0.039615	0.040962	0.040767	0.041126	0.041661	0.041830	0.041996
-100.00	0.037137	0.039217	0.039689	0.040383	0.041161	0.041535	0.041809
-200.00	0.037683	0.039817	0.040266	0.040925	0.041698	0.041995	0.042223
-300.00	0.039680	0.042399	0.041743	0.042172	0.042699	0.042864	0.042973
-400.00	0.041699	0.041840	0.042704	0.044170	0.044511	0.044060	0.043999
-500.00	0.043088	0.043044	0.043542	0.044291	0.044728	0.045124	0.045682
-600.00	0.045626	0.044774	0.044967	0.045139	0.045297	0.045472	0.045603
-700.00	0.045525	0.047324	0.046551	0.046311	0.046222	0.046188	0.046150
-800.00	0.046430	0.047296	0.048483	0.047732	0.047414	0.047179	0.046971
-900.00	0.047364	0.047766	0.048473	0.049511	0.048790	0.048371	0.048054
-1000.00	0.048287	0.048420	0.048861	0.049533	0.050435	0.049768	0.049253
-1100.00	0.049247	0.049156	0.049366	0.049814	0.050515	0.051299	0.050569
-1200.00	0.050168	0.049896	0.049914	0.050225	0.050685	0.051311	0.052005

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.214132	AT (	-1200.00, 0.00) GC	6.	0.183469	AT (	-1100.00, -100.00) GC
2.	0.207249	AT (	-1100.00, 0.00) GC	7.	0.181697	AT (	-1100.00, 100.00) GC
3.	0.197639	AT (	-1000.00, 0.00) GC	8.	0.180410	AT (	-900.00, 0.00) GC
4.	0.191634	AT (	-1200.00, -100.00) GC	9.	0.172503	AT (	-1000.00, -100.00) GC
5.	0.189994	AT (	-1200.00, 100.00) GC	10.	0.170616	AT (	-1000.00, 100.00) GC

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: 2 ***
 INCLUDING SOURCE(S): 11 ,

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.574089	AT (	-100.00, 0.00) GC	6.	0.193563	AT (	100.00, 0.00) GC
2.	0.238611	AT (	-200.00, 0.00) GC	7.	0.149275	AT (	100.00, -100.00) GC
3.	0.200855	AT (	0.00, 100.00) GC	8.	0.145391	AT (	-200.00, 100.00) GC
4.	0.198891	AT (	-100.00, 100.00) GC	9.	0.140265	AT (	-300.00, 0.00) GC
5.	0.196233	AT (	0.00, -100.00) GC	10.	0.117705	AT (	100.00, 100.00) GC

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.582284	AT (	-100.00, 0.00) GC	6.	0.209876	AT (	-900.00, 0.00) GC
2.	0.244379	AT (	-200.00, 0.00) GC	7.	0.207935	AT (	-1200.00, -100.00) GC
3.	0.233303	AT (	-1200.00, 0.00) GC	8.	0.207606	AT (	-1200.00, 100.00) GC
4.	0.229103	AT (	-1100.00, 0.00) GC	9.	0.207348	AT (	-100.00, 100.00) GC
5.	0.222845	AT (	-1000.00, 0.00) GC	10.	0.201782	AT (	-1100.00, -100.00) GC

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

ISC MODEL RESULTS
NO_x ANNUAL
500 METER GRID
YEAR 1986

NO ECHO

*** Message Summary For ISC2 Model Setup ***

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

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

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

***** WARNING MESSAGES *****
SO W320 26 PPARM : Source Parameter May Be Out-of-Range for Parameter VS
SO W320 27 PPARM : Source Parameter May Be Out-of-Range for Parameter VS

*** SETUP Finishes Successfully ***

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

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

**Model Uses RURAL Dispersion.

**Model Uses Regulatory DFAULT Options:

- 1. Final Plume Rise.
- 2. Stack-tip Downwash.
- 3. Buoyancy-induced Dispersion.
- 4. Default Wind Profile Exponents.
- 5. Default Vertical Potential Temperature Gradients.
- 6. "Upper Bound" Values For Supersquat Buildings.
- 7. No Exponential Decay for RURAL Mode

**Model Assumes Receptors on FLAT Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates 1 STAR Average(s) for the Following Months: 0 0 0 0 0 0 0 0 0 0 0 0
 Seasons/Quarters: 0 0 0 0
 and Annual: 1

**Model Assumes 1 STAR Summaries In Data File for the Averaging Periods Identified Above

**This Run Includes: 3 Source(s); 3 Source Group(s); and 625 Receptor(s)

**The Model Assumes A Pollutant Type of: NOX

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

**Output Options Selected:

- Model Outputs Tables of Long Term Values by Receptor (RECTABLE Keyword)
- Model Outputs Tables of Maximum Long Term Values (MAXTABLE Keyword)
- Model Outputs External File(s) of Long Term Values for Plotting (PLOTFILE Keyword)

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SECOND ; Emission Rate Unit Factor = 0.10000E+07
 Output Units = MICROGRAMS/CUBIC-METER

**Input Runstream File: st21n865.ann ; **Output Print File: st21n865.out

**Error Message File: st21n865.err

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (USER UNITS)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
1	0	0.11200E+01	0.0	0.0	0.0	15.24	763.72	55.43	1.01	YES	
2	0	0.11200E+01	0.0	-17.0	0.0	15.24	763.72	55.43	1.01	YES	
11	0	0.10000E-01	-20.0	5.0	0.0	6.10	894.27	44.10	0.09	YES	

*** ISCLT2 - VERSION 92062 ***

*** ENRON III STATION 21 MAX ANNUAL NOX 500 M GRID 2-11-93 1986
*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

*** 02/26/93
*** 13:36:44
PAGE 3

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
1	1 , 2 ,
2	11 ,
3	1 , 2 , 11 ,

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: 1

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	9.1,	19.1,	0	2	9.1,	30.3,	0	3	9.1,	37.1,	0	4	9.1,	38.5,	0
5	9.1,	38.3,	0	6	9.1,	38.5,	0	7	9.1,	37.2,	0	8	9.1,	30.5,	0
9	9.1,	19.1,	0	10	9.1,	30.3,	0	11	9.1,	37.1,	0	12	9.1,	38.5,	0
13	9.1,	38.3,	0	14	9.1,	38.5,	0	15	9.1,	37.2,	0	16	9.1,	30.5,	0

SOURCE ID: 2

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	9.1,	19.1,	0	2	9.1,	30.3,	0	3	9.1,	37.1,	0	4	9.1,	38.5,	0
5	9.1,	38.3,	0	6	9.1,	38.5,	0	7	9.1,	37.2,	0	8	9.1,	30.5,	0
9	9.1,	19.1,	0	10	9.1,	30.3,	0	11	9.1,	37.1,	0	12	9.1,	38.5,	0
13	9.1,	38.3,	0	14	9.1,	38.5,	0	15	9.1,	37.2,	0	16	9.1,	30.5,	0

SOURCE ID: 11

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	5.7,	9.3,	0	2	5.7,	14.3,	0	3	9.1,	37.1,	0	4	9.1,	38.5,	0
5	9.1,	38.3,	0	6	9.1,	38.5,	0	7	9.1,	37.2,	0	8	9.1,	30.5,	0
9	5.7,	9.3,	0	10	5.7,	14.3,	0	11	9.1,	37.1,	0	12	9.1,	38.5,	0
13	9.1,	38.3,	0	14	9.1,	38.5,	0	15	9.1,	37.2,	0	16	9.1,	30.5,	0

*** ISCLT2 - VERSION 92062 ***

*** ENRON III STATION 21 MAX ANNUAL NOX 500 M GRID 2-11-93 1986

02/26/93

*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

13:36:44

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

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*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

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

-6000.0,	-5500.0,	-5000.0,	-4500.0,	-4000.0,	-3500.0,	-3000.0,	-2500.0,	-2000.0,	-1500.0,
-1000.0,	-500.0,	0.0,	500.0,	1000.0,	1500.0,	2000.0,	2500.0,	3000.0,	3500.0,
4000.0,	4500.0,	5000.0,	5500.0,	6000.0,					

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

-6000.0,	-5500.0,	-5000.0,	-4500.0,	-4000.0,	-3500.0,	-3000.0,	-2500.0,	-2000.0,	-1500.0,
-1000.0,	-500.0,	0.0,	500.0,	1000.0,	1500.0,	2000.0,	2500.0,	3000.0,	3500.0,
4000.0,	4500.0,	5000.0,	5500.0,	6000.0,					

*** ISCLT2 - VERSION 92062 ***

*** ENRON III STATION 21 MAX ANNUAL NOX 500 M GRID 2-11-93 1986

02/26/93

*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

13:36:44

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

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* SOURCE-RECEPTOR COMBINATIONS LESS THAN 1.0 METER OR 3*ZLB *
IN DISTANCE. CALCULATIONS MAY NOT BE PERFORMED.

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
1	0.0	0.0	0.00

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** AVERAGE SPEED FOR EACH WIND SPEED CATEGORY ***
(METERS/SEC)

1.50, 2.50, 4.30, 6.80, 9.50, 12.50,

*** WIND PROFILE EXPONENTS ***

STABILITY CATEGORY	WIND SPEED CATEGORY					
	1	2	3	4	5	6
A	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01
B	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01	.70000E-01
C	.10000E+00	.10000E+00	.10000E+00	.10000E+00	.10000E+00	.10000E+00
D	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
E	.35000E+00	.35000E+00	.35000E+00	.35000E+00	.35000E+00	.35000E+00
F	.55000E+00	.55000E+00	.55000E+00	.55000E+00	.55000E+00	.55000E+00

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
(DEGREES KELVIN PER METER)

STABILITY CATEGORY	WIND SPEED CATEGORY					
	1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

*** AVERAGE AMBIENT AIR TEMPERATURE (KELVIN) ***

	STABILITY CATEGORY A	STABILITY CATEGORY B	STABILITY CATEGORY C	STABILITY CATEGORY D	STABILITY CATEGORY E	STABILITY CATEGORY F
ANNUAL	301.4000	301.4000	301.4000	296.8000	292.2000	292.2000

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** FREQUENCY OF OCCURRENCE OF WIND SPEED, DIRECTION AND STABILITY ***

FILE: jfwpb86.Y

FORMAT: (6F10.6)

SURFACE STATION NO.: 12844

UPPER AIR STATION NO.: 12844

NAME: WESTPALMBEACH-FL

NAME: WESTPALMBEACH-FL

YEAR: 1986

YEAR: 1986

ANNUAL: STABILITY CATEGORY A

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00003700	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
22.500	0.00007400	0.00022900	0.00000000	0.00000000	0.00000000	0.00000000
45.000	0.00003700	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
67.500	0.00007400	0.00022900	0.00000000	0.00000000	0.00000000	0.00000000
90.000	0.00025600	0.00080000	0.00000000	0.00000000	0.00000000	0.00000000
112.500	0.00007400	0.00022900	0.00000000	0.00000000	0.00000000	0.00000000
135.000	0.00022400	0.00022900	0.00000000	0.00000000	0.00000000	0.00000000
157.500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
180.000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
202.500	0.00018800	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
225.000	0.00033800	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
247.500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
270.000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
292.500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
315.000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
337.500	0.00007400	0.00022900	0.00000000	0.00000000	0.00000000	0.00000000

ANNUAL: STABILITY CATEGORY B

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00054800	0.00125600	0.00125600	0.00000000	0.00000000	0.00000000
22.500	0.00016300	0.00080000	0.00159900	0.00000000	0.00000000	0.00000000
45.000	0.00053000	0.00091400	0.00285400	0.00000000	0.00000000	0.00000000
67.500	0.00008000	0.00148500	0.00262600	0.00000000	0.00000000	0.00000000
90.000	0.00047700	0.00216900	0.00399600	0.00000000	0.00000000	0.00000000
112.500	0.00081300	0.00171300	0.00228400	0.00000000	0.00000000	0.00000000
135.000	0.00027100	0.00057100	0.00228400	0.00000000	0.00000000	0.00000000
157.500	0.00014500	0.00045700	0.00102800	0.00000000	0.00000000	0.00000000
180.000	0.00069300	0.00171300	0.00137000	0.00000000	0.00000000	0.00000000
202.500	0.00044600	0.00159900	0.00148500	0.00000000	0.00000000	0.00000000
225.000	0.00039200	0.00057100	0.00102800	0.00000000	0.00000000	0.00000000
247.500	0.00053600	0.00102800	0.00091400	0.00000000	0.00000000	0.00000000
270.000	0.00087900	0.00068500	0.00068500	0.00000000	0.00000000	0.00000000
292.500	0.00092700	0.00159900	0.00080000	0.00000000	0.00000000	0.00000000
315.000	0.00075200	0.00057100	0.00091400	0.00000000	0.00000000	0.00000000
337.500	0.00080100	0.00148500	0.00080000	0.00000000	0.00000000	0.00000000

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-6000.00	-5500.00	-5000.00	-4500.00	-4000.00	-3500.00	-3000.00	-2500.00	-2000.00
6000.00	0.034239	0.034169	0.033877	0.033323	0.032466	0.031249	0.029660	0.027703	0.031813
5500.00	0.036836	0.036893	0.036701	0.036204	0.035324	0.034031	0.032289	0.030079	0.031617
5000.00	0.039687	0.039917	0.039945	0.039527	0.038688	0.037359	0.035472	0.032983	0.031169
4500.00	0.042808	0.043258	0.043468	0.043407	0.042684	0.041376	0.039374	0.036595	0.033010
4000.00	0.046209	0.046916	0.047401	0.047605	0.047450	0.046260	0.044217	0.041165	0.037017
3500.00	0.049870	0.050928	0.051788	0.052362	0.052549	0.052231	0.050286	0.047045	0.042288
3000.00	0.053794	0.055301	0.056646	0.057730	0.058418	0.058550	0.057939	0.054665	0.049265
2500.00	0.057966	0.060013	0.061971	0.063731	0.065139	0.065975	0.065900	0.064589	0.058881
2000.00	0.067842	0.068646	0.068707	0.070346	0.072735	0.074621	0.075421	0.074813	0.072123
1500.00	0.078693	0.081209	0.083302	0.084643	0.084733	0.084439	0.086819	0.087552	0.085325
1000.00	0.090028	0.094515	0.099042	0.103397	0.107198	0.109490	0.109325	0.104511	0.103124
500.00	0.101537	0.108152	0.115378	0.123197	0.131480	0.139539	0.146863	0.150893	0.148586
0.00	0.112857	0.121620	0.131605	0.143030	0.156139	0.170684	0.187031	0.203512	0.218480
-500.00	0.099371	0.105758	0.112713	0.120204	0.128085	0.135650	0.142318	0.145460	0.141715
-1000.00	0.085229	0.089175	0.093056	0.096621	0.099435	0.100505	0.098738	0.091783	0.088980
-1500.00	0.071306	0.072990	0.074095	0.074242	0.072861	0.070613	0.072684	0.073074	0.070526
-2000.00	0.057994	0.057721	0.056516	0.057129	0.059153	0.060596	0.060924	0.059704	0.056351
-2500.00	0.045709	0.047459	0.049103	0.050499	0.051469	0.051760	0.051021	0.048945	0.045441
-3000.00	0.041637	0.042836	0.043832	0.044503	0.044692	0.044204	0.042837	0.040707	0.037045
-3500.00	0.037845	0.038576	0.039056	0.039181	0.038825	0.037852	0.036469	0.034121	0.030624
-4000.00	0.034345	0.034702	0.034788	0.034519	0.033803	0.032849	0.031246	0.028863	0.025625
-4500.00	0.031138	0.031214	0.031010	0.030469	0.029785	0.028647	0.026961	0.024658	0.021712
-5000.00	0.028232	0.028086	0.027684	0.027181	0.026347	0.025117	0.023436	0.021267	0.019430
-5500.00	0.025613	0.025300	0.024936	0.024323	0.023404	0.022147	0.020520	0.018508	0.019045
-6000.00	0.023263	0.022985	0.022518	0.021828	0.020881	0.019640	0.018095	0.016242	0.018629

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)								
	-1500.00	-1000.00	-500.00	0.00	500.00	1000.00	1500.00	2000.00	2500.00
6000.00	0.036437	0.041347	0.046418	0.051499	0.046272	0.041079	0.036075	0.031389	0.027198
5500.00	0.036701	0.042183	0.047908	0.053676	0.047714	0.041819	0.036197	0.031012	0.028215
5000.00	0.036753	0.042897	0.049407	0.056018	0.049162	0.042425	0.036087	0.030354	0.029314
4500.00	0.036507	0.043414	0.050877	0.058539	0.050579	0.042826	0.035665	0.030828	0.030508
4000.00	0.035849	0.043617	0.052238	0.061246	0.051898	0.042923	0.034834	0.032155	0.031813
3500.00	0.035973	0.043158	0.053125	0.063811	0.052785	0.042417	0.034145	0.033599	0.033247
3000.00	0.041633	0.041896	0.053471	0.066374	0.053217	0.041246	0.035642	0.035081	0.034800
2500.00	0.049713	0.039234	0.052317	0.068006	0.052327	0.038949	0.037077	0.036684	0.036471
2000.00	0.061541	0.045472	0.049335	0.068680	0.050032	0.039165	0.038184	0.038240	0.034892
1500.00	0.079494	0.059021	0.042447	0.065367	0.044689	0.038976	0.039089	0.035087	0.032556
1000.00	0.096702	0.082223	0.040717	0.053493	0.037150	0.037077	0.033195	0.031191	0.030163
500.00	0.132096	0.101574	0.055028	0.012821	0.023554	0.025788	0.028807	0.031819	0.033057
0.00	0.223272	0.197639	0.045737	0.000000	0.007107	0.027580	0.034308	0.037049	0.037481
-500.00	0.122988	0.090155	0.046481	0.008416	0.020867	0.033501	0.037628	0.038415	0.037984
-1000.00	0.082964	0.069692	0.041402	0.039549	0.037122	0.041014	0.041693	0.041035	0.039421
-1500.00	0.064507	0.051709	0.039142	0.047228	0.045182	0.045212	0.047683	0.044658	0.041955
-2000.00	0.049952	0.039567	0.039753	0.048144	0.047169	0.047508	0.047542	0.048672	0.044935
-2500.00	0.039447	0.032055	0.038838	0.046325	0.046251	0.047551	0.046973	0.047157	0.047411
-3000.00	0.031709	0.031064	0.037324	0.043798	0.044340	0.045522	0.045724	0.045400	0.045419
-3500.00	0.025944	0.029925	0.035419	0.040936	0.041820	0.043029	0.044099	0.043633	0.043414
-4000.00	0.024201	0.028752	0.033536	0.038265	0.039324	0.040549	0.041739	0.041751	0.041471
-4500.00	0.023501	0.027523	0.031675	0.035739	0.036881	0.038095	0.039265	0.039918	0.039637
-5000.00	0.022782	0.026333	0.029951	0.033477	0.034637	0.035832	0.036975	0.037996	0.037903
-5500.00	0.022054	0.025197	0.028371	0.031455	0.032602	0.033763	0.034871	0.035871	0.036267
-6000.00	0.021332	0.024124	0.026925	0.029644	0.030760	0.031877	0.032944	0.033915	0.034726

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	3000.00	3500.00	4000.00	X-COORD (METERS)		5500.00	6000.00
				4500.00	5000.00		
6000.00	0.027004	0.026839	0.026671	0.026457	0.026224	0.025971	0.025695
5500.00	0.028007	0.027832	0.027666	0.027481	0.027227	0.026941	0.025896
5000.00	0.029092	0.028906	0.028726	0.028534	0.028304	0.027105	0.026031
4500.00	0.030273	0.030074	0.029876	0.029661	0.028340	0.027173	0.026106
4000.00	0.031565	0.031351	0.031132	0.029577	0.028247	0.027112	0.026116
3500.00	0.032989	0.032756	0.030893	0.029341	0.028052	0.026962	0.026024
3000.00	0.034567	0.032285	0.030447	0.028970	0.027758	0.026740	0.025864
2500.00	0.033697	0.031521	0.029820	0.028475	0.027380	0.026460	0.025665
2000.00	0.032350	0.030505	0.029042	0.027888	0.027140	0.026856	0.026523
1500.00	0.030703	0.029300	0.028892	0.028671	0.028364	0.027991	0.027568
1000.00	0.030792	0.030850	0.030688	0.030296	0.029825	0.029301	0.028744
500.00	0.033625	0.033367	0.032899	0.032219	0.031498	0.030767	0.030035
0.00	0.037313	0.036418	0.035457	0.034372	0.033336	0.032351	0.031413
-500.00	0.037381	0.036304	0.035241	0.034107	0.033040	0.032041	0.031100
-1000.00	0.037941	0.036478	0.035189	0.033928	0.032794	0.031757	0.030798
-1500.00	0.039347	0.036977	0.035261	0.033849	0.032621	0.031527	0.030532
-2000.00	0.041606	0.038801	0.036302	0.034159	0.032501	0.031337	0.030298
-2500.00	0.043727	0.040530	0.037775	0.035427	0.033406	0.031647	0.030101
-3000.00	0.045343	0.041970	0.039078	0.036592	0.034441	0.032565	0.030914
-3500.00	0.043268	0.043054	0.040123	0.037572	0.035344	0.033388	0.031660
-4000.00	0.041296	0.041133	0.040885	0.038331	0.036076	0.034080	0.032293
-4500.00	0.039457	0.039302	0.039126	0.038865	0.036625	0.034614	0.032758
-5000.00	0.037733	0.037594	0.037444	0.037259	0.036981	0.034937	0.033091
-5500.00	0.036114	0.035993	0.035869	0.035708	0.035448	0.035105	0.033298
-6000.00	0.034593	0.034491	0.034379	0.034198	0.033978	0.033715	0.033386

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2
INCLUDING SOURCE(S): 11

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-6000.00	-5500.00	-5000.00	X-COORD (METERS)		-3500.00	-3000.00	-2500.00	-2000.00
				-4500.00	-4000.00				
6000.00	0.000518	0.000543	0.000572	0.000602	0.000630	0.000656	0.000677	0.000693	0.000829
5500.00	0.000571	0.000589	0.000620	0.000656	0.000691	0.000725	0.000756	0.000780	0.000881
5000.00	0.000630	0.000655	0.000679	0.000715	0.000762	0.000808	0.000850	0.000885	0.000931
4500.00	0.000696	0.000730	0.000760	0.000792	0.000842	0.000903	0.000961	0.001012	0.001050
4000.00	0.000767	0.000811	0.000858	0.000902	0.000946	0.001012	0.001092	0.001167	0.001228
3500.00	0.000841	0.000901	0.000965	0.001031	0.001095	0.001156	0.001248	0.001357	0.001454
3000.00	0.000919	0.000997	0.001082	0.001175	0.001271	0.001366	0.001457	0.001590	0.001743
2500.00	0.001012	0.001097	0.001207	0.001331	0.001469	0.001618	0.001768	0.001913	0.002121
2000.00	0.001154	0.001255	0.001365	0.001496	0.001684	0.001903	0.002148	0.002415	0.002675
1500.00	0.001301	0.001438	0.001597	0.001781	0.001991	0.002204	0.002581	0.003038	0.003552
1000.00	0.001442	0.001616	0.001825	0.002080	0.002395	0.002783	0.003276	0.003879	0.004702
500.00	0.001573	0.001781	0.002038	0.002363	0.002781	0.003331	0.004095	0.005149	0.006792
0.00	0.001694	0.001933	0.002233	0.002618	0.003128	0.003821	0.004828	0.006326	0.008904
-500.00	0.001469	0.001652	0.001876	0.002154	0.002504	0.002952	0.003550	0.004326	0.005417
-1000.00	0.001247	0.001376	0.001526	0.001698	0.001895	0.002107	0.002324	0.002482	0.002871
-1500.00	0.001024	0.001101	0.001179	0.001252	0.001308	0.001331	0.001554	0.001819	0.002114
-2000.00	0.000807	0.000835	0.000849	0.000895	0.001006	0.001132	0.001271	0.001417	0.001505
-2500.00	0.000602	0.000653	0.000716	0.000788	0.000866	0.000948	0.001028	0.001075	0.001089
-3000.00	0.000543	0.000587	0.000636	0.000687	0.000739	0.000788	0.000816	0.000827	0.000820
-3500.00	0.000492	0.000526	0.000561	0.000596	0.000628	0.000646	0.000655	0.000656	0.000631
-4000.00	0.000445	0.000469	0.000493	0.000515	0.000527	0.000534	0.000538	0.000527	0.000495
-4500.00	0.000400	0.000417	0.000432	0.000441	0.000446	0.000451	0.000446	0.000429	0.000395
-5000.00	0.000359	0.000371	0.000377	0.000380	0.000384	0.000382	0.000373	0.000353	0.000339
-5500.00	0.000322	0.000327	0.000330	0.000333	0.000332	0.000327	0.000315	0.000295	0.000328
-6000.00	0.000287	0.000289	0.000292	0.000293	0.000289	0.000281	0.000268	0.000249	0.000313

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2 ***
 INCLUDING SOURCE(S): 11

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)								
	-1500.00	-1000.00	-500.00	0.00	500.00	1000.00	1500.00	2000.00	2500.00
6000.00	0.000978	0.001128	0.001273	0.001394	0.001283	0.001163	0.001037	0.000910	0.000802
5500.00	0.001063	0.001248	0.001428	0.001578	0.001440	0.001290	0.001134	0.000977	0.000902
5000.00	0.001157	0.001390	0.001618	0.001808	0.001632	0.001441	0.001243	0.001046	0.001023
4500.00	0.001259	0.001557	0.001853	0.002099	0.001869	0.001620	0.001364	0.001203	0.001169
4000.00	0.001363	0.001755	0.002150	0.002478	0.002169	0.001834	0.001494	0.001404	0.001348
3500.00	0.001518	0.001988	0.002535	0.002991	0.002558	0.002090	0.001719	0.001660	0.001566
3000.00	0.001868	0.002255	0.003046	0.003711	0.003072	0.002389	0.002105	0.001988	0.001834
2500.00	0.002348	0.002534	0.003734	0.004786	0.003776	0.002763	0.002632	0.002411	0.002193
2000.00	0.003008	0.003356	0.004708	0.006506	0.004744	0.003700	0.003350	0.003009	0.002545
1500.00	0.004119	0.004794	0.005996	0.009528	0.005995	0.005178	0.004487	0.003572	0.002910
1000.00	0.006015	0.007547	0.009110	0.015658	0.009222	0.007806	0.005672	0.004176	0.003257
500.00	0.009292	0.013066	0.021029	0.032251	0.019666	0.010712	0.006902	0.004869	0.003638
0.00	0.013725	0.025206	0.068490	0.000000	0.034417	0.014082	0.008081	0.005422	0.003934
-500.00	0.006714	0.008170	0.011797	0.022026	0.023919	0.011228	0.006867	0.004840	0.003616
-1000.00	0.003655	0.004275	0.004020	0.008452	0.011414	0.009420	0.006215	0.004311	0.003214
-1500.00	0.002327	0.002326	0.002476	0.004745	0.006132	0.006208	0.005397	0.003998	0.003099
-2000.00	0.001517	0.001416	0.001968	0.003115	0.003934	0.004284	0.003981	0.003610	0.002881
-2500.00	0.001059	0.000962	0.001569	0.002235	0.002756	0.003091	0.003067	0.002866	0.002626
-3000.00	0.000765	0.000882	0.001276	0.001703	0.002071	0.002293	0.002401	0.002317	0.002178
-3500.00	0.000569	0.000790	0.001063	0.001355	0.001618	0.001795	0.001922	0.001903	0.001830
-4000.00	0.000511	0.000703	0.000901	0.001111	0.001308	0.001451	0.001538	0.001583	0.001550
-4500.00	0.000481	0.000628	0.000776	0.000933	0.001084	0.001200	0.001277	0.001335	0.001325
-5000.00	0.000449	0.000563	0.000677	0.000798	0.000917	0.001011	0.001079	0.001121	0.001143
-5500.00	0.000416	0.000507	0.000597	0.000692	0.000788	0.000866	0.000925	0.000965	0.000995
-6000.00	0.000385	0.000459	0.000531	0.000608	0.000687	0.000752	0.000803	0.000840	0.000873

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2 ***
INCLUDING SOURCE(S): 11

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)						
	3000.00	3500.00	4000.00	4500.00	5000.00	5500.00	6000.00
6000.00	0.000788	0.000768	0.000744	0.000716	0.000686	0.000655	0.000629
5500.00	0.000881	0.000851	0.000818	0.000782	0.000744	0.000711	0.000670
5000.00	0.000990	0.000949	0.000902	0.000855	0.000814	0.000763	0.000714
4500.00	0.001120	0.001061	0.000998	0.000943	0.000878	0.000816	0.000758
4000.00	0.001274	0.001191	0.001118	0.001028	0.000945	0.000870	0.000804
3500.00	0.001455	0.001356	0.001232	0.001118	0.001016	0.000925	0.000848
3000.00	0.001691	0.001512	0.001351	0.001210	0.001087	0.000980	0.000888
2500.00	0.001918	0.001677	0.001472	0.001299	0.001154	0.001031	0.000935
2000.00	0.002156	0.001842	0.001587	0.001381	0.001220	0.001093	0.000985
1500.00	0.002384	0.001991	0.001709	0.001488	0.001307	0.001159	0.001036
1000.00	0.002642	0.002189	0.001851	0.001588	0.001381	0.001215	0.001079
500.00	0.002892	0.002348	0.001957	0.001663	0.001435	0.001255	0.001110
0.00	0.003071	0.002464	0.002038	0.001721	0.001479	0.001289	0.001137
-500.00	0.002872	0.002332	0.001945	0.001653	0.001427	0.001249	0.001104
-1000.00	0.002605	0.002159	0.001827	0.001569	0.001365	0.001202	0.001068
-1500.00	0.002441	0.001968	0.001676	0.001460	0.001285	0.001140	0.001020
-2000.00	0.002342	0.001934	0.001619	0.001373	0.001192	0.001069	0.000964
-2500.00	0.002190	0.001849	0.001575	0.001353	0.001173	0.001027	0.000912
-3000.00	0.002025	0.001737	0.001505	0.001311	0.001150	0.001015	0.000901
-3500.00	0.001728	0.001622	0.001422	0.001255	0.001113	0.000991	0.000890
-4000.00	0.001490	0.001414	0.001338	0.001191	0.001067	0.000961	0.000869
-4500.00	0.001292	0.001243	0.001185	0.001128	0.001019	0.000927	0.000843
-5000.00	0.001127	0.001097	0.001058	0.001015	0.000973	0.000887	0.000813
-5500.00	0.000990	0.000973	0.000948	0.000919	0.000884	0.000850	0.000781
-6000.00	0.000876	0.000870	0.000854	0.000832	0.000806	0.000778	0.000750

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3
INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-6000.00	-5500.00	-5000.00	X-COORD (METERS)				-3500.00	-3000.00	-2500.00	-2000.00
6000.00	0.034757	0.034711	0.034450	0.033925	0.033097	0.031905	0.030337	0.028397	0.02642	0.032642	
5500.00	0.037406	0.037483	0.037321	0.036860	0.036015	0.034757	0.033045	0.030859	0.032498	0.032498	
5000.00	0.040317	0.040572	0.040624	0.040242	0.039450	0.038167	0.036322	0.033868	0.032099	0.032099	
4500.00	0.043503	0.043988	0.044228	0.044200	0.043526	0.042278	0.040335	0.037606	0.034060	0.034060	
4000.00	0.046976	0.047727	0.048259	0.048508	0.048396	0.047273	0.045309	0.042332	0.038245	0.038245	
3500.00	0.050711	0.051829	0.052753	0.053393	0.053644	0.053387	0.051534	0.048402	0.043742	0.043742	
3000.00	0.054713	0.056298	0.057729	0.058904	0.059689	0.059916	0.059396	0.056255	0.051008	0.051008	
2500.00	0.058978	0.061110	0.063178	0.065062	0.066607	0.067592	0.067668	0.066502	0.061002	0.061002	
2000.00	0.068996	0.069901	0.070072	0.071842	0.074419	0.076523	0.077569	0.077228	0.074798	0.074798	
1500.00	0.079993	0.082646	0.084899	0.086424	0.086724	0.086643	0.089401	0.090589	0.088877	0.088877	
1000.00	0.091470	0.096131	0.100867	0.105477	0.109594	0.112273	0.112601	0.108391	0.107825	0.107825	
500.00	0.103110	0.109933	0.117416	0.125560	0.134261	0.142870	0.150958	0.156042	0.155379	0.155379	
0.00	0.114552	0.123553	0.133837	0.145648	0.159267	0.174506	0.191859	0.209838	0.227384	0.227384	
-500.00	0.100840	0.107410	0.114589	0.122358	0.130589	0.138602	0.145867	0.149785	0.147132	0.147132	
-1000.00	0.086476	0.090551	0.094581	0.098319	0.101330	0.102612	0.101062	0.094265	0.091850	0.091850	
-1500.00	0.072330	0.074091	0.075273	0.075494	0.074168	0.071944	0.074239	0.074894	0.072640	0.072640	
-2000.00	0.058802	0.058556	0.057365	0.058024	0.060159	0.061729	0.062196	0.061122	0.057856	0.057856	
-2500.00	0.046312	0.048111	0.049819	0.051287	0.052334	0.052709	0.052049	0.050020	0.046530	0.046530	
-3000.00	0.042179	0.043424	0.044468	0.045190	0.045431	0.044992	0.043654	0.041534	0.037866	0.037866	
-3500.00	0.038338	0.039101	0.039617	0.039777	0.039453	0.038498	0.037123	0.034777	0.031256	0.031256	
-4000.00	0.034789	0.035171	0.035281	0.035034	0.034330	0.033383	0.031784	0.029390	0.026120	0.026120	
-4500.00	0.031538	0.031632	0.031442	0.030910	0.030231	0.029097	0.027407	0.025087	0.022108	0.022108	
-5000.00	0.028591	0.028456	0.028061	0.027562	0.026731	0.025499	0.023809	0.021620	0.019769	0.019769	
-5500.00	0.025935	0.025627	0.025266	0.024656	0.023736	0.022474	0.020835	0.018803	0.019372	0.019372	
-6000.00	0.023549	0.023274	0.022810	0.022120	0.021170	0.019922	0.018363	0.016491	0.018942	0.018942	

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-1500.00	-1000.00	-500.00	X-COORD (METERS)			1500.00	2000.00	2500.00
				0.00	500.00	1000.00			
6000.00	0.037415	0.042475	0.047691	0.052893	0.047555	0.042242	0.037112	0.032299	0.027999
5500.00	0.037764	0.043432	0.049336	0.055254	0.049155	0.043109	0.037331	0.031988	0.029117
5000.00	0.037910	0.044287	0.051025	0.057826	0.050794	0.043865	0.037330	0.031400	0.030337
4500.00	0.037766	0.044971	0.052730	0.060638	0.052448	0.044446	0.037029	0.032031	0.031677
4000.00	0.037212	0.045372	0.054388	0.063724	0.054067	0.044757	0.036328	0.033560	0.033161
3500.00	0.037491	0.045145	0.055660	0.066803	0.055343	0.044507	0.035864	0.035259	0.034813
3000.00	0.043501	0.044151	0.056517	0.070084	0.056289	0.043635	0.037747	0.037069	0.036634
2500.00	0.052061	0.041768	0.056050	0.072792	0.056102	0.041711	0.039709	0.039095	0.038664
2000.00	0.064549	0.048828	0.054043	0.075186	0.054776	0.042865	0.041534	0.041249	0.037438
1500.00	0.083613	0.063816	0.048443	0.074895	0.050684	0.044154	0.043576	0.038659	0.035466
1000.00	0.102717	0.089770	0.049827	0.069151	0.046372	0.044884	0.038867	0.035367	0.033421
500.00	0.141388	0.114639	0.076056	0.045072	0.043220	0.036500	0.035709	0.036688	0.036696
0.00	0.236997	0.222845	0.114227	0.000000	0.041524	0.041661	0.042389	0.042472	0.041415
-500.00	0.129702	0.098325	0.058278	0.030442	0.044786	0.044728	0.044495	0.043256	0.041600
-1000.00	0.086619	0.073967	0.045422	0.048001	0.048535	0.050435	0.047908	0.045346	0.042635
-1500.00	0.066833	0.054034	0.041618	0.051973	0.051314	0.051419	0.053080	0.048656	0.045054
-2000.00	0.051469	0.040983	0.041720	0.051260	0.051103	0.051792	0.051523	0.052283	0.047816
-2500.00	0.040506	0.033017	0.040407	0.048560	0.049007	0.050642	0.050040	0.050023	0.050037
-3000.00	0.032473	0.031945	0.038601	0.045501	0.046412	0.047815	0.048125	0.047717	0.047597
-3500.00	0.026513	0.030714	0.036482	0.042291	0.043439	0.044824	0.046021	0.045536	0.045244
-4000.00	0.024712	0.029455	0.034437	0.039376	0.040632	0.041999	0.043277	0.043334	0.043022
-4500.00	0.023983	0.028151	0.032451	0.036672	0.037965	0.039294	0.040542	0.041252	0.040962
-5000.00	0.023230	0.026896	0.030628	0.034275	0.035554	0.036843	0.038054	0.039117	0.039046
-5500.00	0.022470	0.025704	0.028967	0.032148	0.033391	0.034629	0.035796	0.036836	0.037263
-6000.00	0.021717	0.024583	0.027456	0.030252	0.031447	0.032629	0.033746	0.034755	0.035600

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	3000.00	3500.00	4000.00	X-COORD (METERS)		5500.00	6000.00
				4500.00	5000.00		
6000.00	0.027792	0.027607	0.027415	0.027173	0.026911	0.026626	0.026323
5500.00	0.028888	0.028683	0.028484	0.028263	0.027972	0.027652	0.026567
5000.00	0.030083	0.029854	0.029627	0.029388	0.029119	0.027868	0.026745
4500.00	0.031393	0.031135	0.030875	0.030604	0.029217	0.027990	0.026865
4000.00	0.032839	0.032543	0.032250	0.030605	0.029191	0.027982	0.026920
3500.00	0.034445	0.034112	0.032125	0.030459	0.029068	0.027887	0.026872
3000.00	0.036259	0.033797	0.031798	0.030180	0.028845	0.027720	0.026752
2500.00	0.035615	0.033199	0.031292	0.029774	0.028533	0.027491	0.026600
2000.00	0.034506	0.032347	0.030629	0.029269	0.028360	0.027949	0.027508
1500.00	0.033087	0.031291	0.030601	0.030159	0.029672	0.029150	0.028604
1000.00	0.033435	0.033039	0.032539	0.031884	0.031206	0.030515	0.029823
500.00	0.036517	0.035714	0.034856	0.033881	0.032934	0.032022	0.031146
0.00	0.040384	0.038882	0.037495	0.036093	0.034815	0.033640	0.032550
-500.00	0.040253	0.038636	0.037186	0.035760	0.034467	0.033289	0.032204
-1000.00	0.040545	0.038637	0.037016	0.035497	0.034159	0.032959	0.031865
-1500.00	0.041788	0.038945	0.036937	0.035310	0.033906	0.032667	0.031553
-2000.00	0.043948	0.040735	0.037920	0.035531	0.033692	0.032406	0.031262
-2500.00	0.045917	0.042379	0.039349	0.036780	0.034580	0.032674	0.031014
-3000.00	0.047368	0.043708	0.040583	0.037903	0.035591	0.033580	0.031815
-3500.00	0.044996	0.044676	0.041545	0.038827	0.036456	0.034379	0.032550
-4000.00	0.042787	0.042547	0.042222	0.039522	0.037143	0.035041	0.033162
-4500.00	0.040749	0.040546	0.040311	0.039993	0.037644	0.035540	0.033601
-5000.00	0.038860	0.038691	0.038502	0.038274	0.037954	0.035825	0.033905
-5500.00	0.037105	0.036966	0.036817	0.036626	0.036332	0.035955	0.034079
-6000.00	0.035469	0.035361	0.035233	0.035031	0.034785	0.034493	0.034137

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: 1 ***
INCLUDING SOURCE(S): 1 , 2 ,

** CONC OF NOX IN MICROGRAMS/CUBIC-METER **

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.223272	AT (	-1500.00, 0.00) GC	6.	0.170684	AT (	-3500.00, 0.00) GC
2.	0.218480	AT (	-2000.00, 0.00) GC	7.	0.156139	AT (	-4000.00, 0.00) GC
3.	0.203512	AT (	-2500.00, 0.00) GC	8.	0.150893	AT (	-2500.00, 500.00) GC
4.	0.197639	AT (	-1000.00, 0.00) GC	9.	0.148586	AT (	-2000.00, 500.00) GC
5.	0.187031	AT (	-3000.00, 0.00) GC	10.	0.146863	AT (	-3000.00, 500.00) GC

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: 2 ***
INCLUDING SOURCE(S): 11 ,

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.068490	AT (	-500.00, 0.00) GC	6.	0.022026	AT (	0.00, -500.00) GC
2.	0.034417	AT (	500.00, 0.00) GC	7.	0.021029	AT (	-500.00, 500.00) GC
3.	0.032251	AT (	0.00, 500.00) GC	8.	0.019666	AT (	500.00, 500.00) GC
4.	0.025206	AT (	-1000.00, 0.00) GC	9.	0.015658	AT (	0.00, 1000.00) GC
5.	0.023919	AT (	500.00, -500.00) GC	10.	0.014082	AT (	1000.00, 0.00) GC

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: 3 ***
INCLUDING SOURCE(S): 1 , 2 , 11 ,

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.236997	AT (	-1500.00, 0.00) GC	6.	0.174506	AT (	-3500.00, 0.00) GC
2.	0.227384	AT (	-2000.00, 0.00) GC	7.	0.159267	AT (	-4000.00, 0.00) GC
3.	0.222845	AT (	-1000.00, 0.00) GC	8.	0.156042	AT (	-2500.00, 500.00) GC
4.	0.209838	AT (	-2500.00, 0.00) GC	9.	0.155379	AT (	-2000.00, 500.00) GC
5.	0.191859	AT (	-3000.00, 0.00) GC	10.	0.150958	AT (	-3000.00, 500.00) GC

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

ISC MODEL RESULTS
CO 1- AND 8-HOUR
100 METER GRID
YEAR 1982

NO ECHO

*** Message Summary For ISC2 Model Setup ***

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

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

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

***** WARNING MESSAGES *****
SO W320 27 PPARM : Source Parameter May Be Out-of-Range for Parameter VS
SO W320 28 PPARM : Source Parameter May Be Out-of-Range for Parameter VS

*** SETUP Finishes Successfully ***

*** ISCST2 - VERSION 92062 *** *** FGTC III ST 21 1,8 HOUR CO 100 m GRID 2-23-93 1982
 *** ENSR Version 1.00 Level 920408*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

*** 02/23/93
 *** 19:15:43
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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. (USER UNITS) CATS.	EMISSION RATE		X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EMISSION RATE	
											EXISTS	SCALAR VARY BY
1	0	0.84000E+00		0.0	0.0	0.0	15.24	763.72	55.43	1.01	YES	
2	0	0.84000E+00		0.0	-17.0	0.0	15.24	763.72	55.43	1.01	YES	
11	0	0.80000E-01		-20.0	5.0	0.0	6.10	894.27	44.10	0.09	YES	

*** ISCST2 - VERSION 92062 *** *** FGTC III ST 21 1,8 HOUR CO 100 m GRID 2-23-93 1982
*** ENSR Version 1.00 Level 920408*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

*** 02/23/93
*** 19:15:43
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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
1	1 , 2 ,
2	11 ,
3	1 , 2 , 11 ,

*** ISCST2 - VERSION 92062 *** *** FGTC III ST 21 1,8 HOUR CO 100 m GRID 2-23-93 1982
*** ENSR Version 1.00 Level 920408*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

*** 02/23/93
*** 19:15:43
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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

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

-1200.0,	-1100.0,	-1000.0,	-900.0,	-800.0,	-700.0,	-600.0,	-500.0,	-400.0,	-300.0,
-200.0,	-100.0,	0.0,	100.0,	200.0,	300.0,	400.0,	500.0,	600.0,	700.0,
800.0,	900.0,	1000.0,	1100.0,	1200.0,					

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

-1200.0,	-1100.0,	-1000.0,	-900.0,	-800.0,	-700.0,	-600.0,	-500.0,	-400.0,	-300.0,
-200.0,	-100.0,	0.0,	100.0,	200.0,	300.0,	400.0,	500.0,	600.0,	700.0,
800.0,	900.0,	1000.0,	1100.0,	1200.0,					

*** ISCST2 - VERSION 92062 *** *** FGTC III ST 21 1,8 HOUR CO 100 m GRID 2-23-93 1982
*** ENSR Version 1.00 Level 920408*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

*** 02/23/93
*** 19:15:43
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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

* SOURCE-RECEPTOR COMBINATIONS LESS THAN 1.0 METER OR 3*ZLB *
IN DISTANCE. CALCULATIONS MAY NOT BE PERFORMED.

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
1	0.0 0.0	0.00
2	0.0 0.0	17.00
11	0.0 0.0	20.62

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

*** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-1200.00	-1100.00	X-COORD (METERS) -1000.00	-900.00	-800.00
1200.0	3.90294 (82073007)	4.31626 (82073007)	3.90092 (82073007)	3.23289 (82062211)	3.31823 (82050712)
1100.0	3.07824 (82070216)	3.77999 (82073007)	4.11634 (82073007)	3.52852 (82073007)	3.44986 (82072313)
1000.0	3.25442 (82013115)	3.28418 (82070214)	3.56179 (82073007)	3.79291 (82073007)	3.65356 (82073011)
900.0	3.26363 (82061514)	3.38637 (82082114)	3.53976 (82073113)	3.65372 (82071714)	3.65588 (82031614)
800.0	3.36058 (82070812)	3.50756 (82071913)	3.64195 (82082114)	3.76557 (82073113)	3.88810 (82080811)
700.0	3.45166 (82092013)	3.62723 (82073013)	3.75881 (82071713)	3.92330 (82091012)	3.89865 (82073113)
600.0	3.51053 (82073112)	3.63724 (82092013)	3.76366 (82080711)	4.02032 (82080711)	4.23848 (82041412)
500.0	3.63353 (82080911)	3.77235 (82090911)	3.81832 (82073112)	3.90872 (82092013)	4.25373 (82080711)
400.0	3.50774 (82070814)	3.54138 (82081612)	3.97865 (82080911)	4.08651 (82090911)	3.81004 (82073112)
300.0	3.74118 (82073111)	3.91796 (82080812)	3.97743 (82080812)	3.71883 (82070814)	3.86944 (82080911)
200.0	3.64757 (82080912)	3.68174 (82080912)	3.62875 (82051812)	3.90367 (82073111)	4.01146 (82073111)
100.0	4.01519 (82032810)	3.89487 (82032810)	4.06642 (82051813)	4.31675 (82051813)	4.40534 (82051813)
0.0	4.24252 (82032905)	4.31541 (82032905)	4.34918 (82032905)	4.32365 (82032905)	4.63564 (82032905)
-100.0	3.72876 (82050212)	3.92194 (82051313)	4.12670 (82051313)	4.23070 (82051313)	4.27431 (82050214)
-200.0	4.20579 (82101820)	4.15205 (82101820)	4.71495 (82032916)	5.04796 (82032916)	5.13597 (82032916)
-300.0	4.14768 (82032916)	3.68612 (82050513)	4.18222 (82050513)	4.48037 (82050611)	4.46533 (82050611)
-400.0	3.95171 (82042315)	4.05885 (82042315)	4.21016 (82101801)	4.08885 (82032912)	5.06495 (82032912)
-500.0	4.13193 (82101801)	4.06756 (82032912)	4.75901 (82032912)	4.88636 (82032910)	4.65621 (82032913)
-600.0	4.33394 (82032912)	4.43071 (82032910)	4.49568 (82032913)	4.44030 (82032914)	3.75258 (82032914)
-700.0	4.11980 (82032910)	4.14495 (82032913)	4.31716 (82032914)	3.92420 (82032909)	4.84463 (82032909)
-800.0	4.04517 (82032914)	3.80064 (82032914)	4.09358 (82032909)	4.38713 (82032909)	3.98247 (82060714)
-900.0	3.40544 (82101809)	4.04084 (82032909)	3.92821 (82032909)	3.67878 (82060714)	3.85192 (82083013)
-1000.0	3.86028 (82032909)	3.53788 (82101813)	3.35834 (82060714)	3.49822 (82083013)	3.47396 (82060711)
-1100.0	3.48052 (82101813)	3.30474 (82111012)	3.20021 (82091611)	3.45358 (82121316)	3.53392 (82060713)
-1200.0	3.26567 (82111012)	3.17269 (82110719)	3.34169 (82121316)	3.28055 (82060711)	3.28376 (82060813)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	300.00	400.00	500.00	600.00	700.00
1200.0	2.94941 (82052909)	3.19342 (82062014)	3.22515 (82032310)	2.96328 (82092113)	3.36522 (82011409)
1100.0	3.07832 (82062014)	3.00630 (82040909)	3.15558 (82032310)	3.26459 (82092113)	3.25684 (82062010)
1000.0	3.11251 (82062014)	3.11624 (82040909)	2.92580 (82092113)	3.21401 (82081814)	2.92468 (82062010)
900.0	2.87064 (82062014)	2.94876 (82032310)	3.14016 (82062012)	3.07055 (82062010)	2.93275 (82080213)
800.0	2.52237 (82040909)	3.11195 (82062012)	3.25409 (82062012)	3.12754 (82080213)	2.89331 (82081815)
700.0	2.94865 (82031712)	3.39352 (82062012)	3.36241 (82052911)	2.98181 (82080213)	3.01621 (82011411)
600.0	3.41512 (82031712)	3.27945 (82052911)	2.95440 (82080213)	2.90120 (82011411)	4.12396 (82011411)
500.0	3.12188 (82031712)	2.69494 (82052911)	3.01368 (82011411)	4.11126 (82011411)	4.21241 (82040911)
400.0	1.71500 (82052911)	3.62246 (82011411)	3.69934 (82011411)	3.66685 (82040911)	3.34475 (82063011)
300.0	4.63300 (82011411)	3.48146 (82011411)	3.25864 (82082611)	3.30071 (82040913)	4.57798 (82040913)
200.0	2.18712 (82011411)	1.79261 (82040913)	3.77380 (82040913)	4.06965 (82040913)	3.91963 (82040611)
100.0	0.53547 (82040913)	1.15112 (82040913)	2.08859 (82040611)	2.52327 (82040611)	3.26276 (82062313)
0.0	6.53110 (82011417)	5.35014 (82011417)	4.50788 (82011417)	3.87517 (82011417)	3.38293 (82011417)
-100.0	0.19555 (82092606)	0.99988 (82092606)	2.19125 (82061312)	3.34806 (82061312)	3.31496 (82061312)
-200.0	8.51006 (82011420)	2.27296 (82081315)	1.80450 (82050914)	2.81826 (82050914)	3.26881 (82050914)
-300.0	0.79969 (82050915)	5.02818 (82011420)	4.63423 (82081315)	3.03834 (82061011)	2.85736 (82061011)
-400.0	1.56010 (82062911)	2.30261 (82050915)	2.62616 (82050915)	4.59121 (82011420)	3.58007 (82081315)
-500.0	3.11315 (82062911)	2.50168 (82032612)	3.35658 (82050915)	3.55646 (82050915)	3.84074 (82011420)
-600.0	3.44709 (82062911)	2.98609 (82062911)	3.07160 (82032612)	2.69972 (82050915)	3.92778 (82050915)
-700.0	2.94343 (82062911)	3.85744 (82101615)	2.95951 (82021712)	3.15106 (82032612)	3.72338 (82050915)
-800.0	3.26662 (82061114)	3.79624 (82101615)	3.51570 (82101615)	3.32325 (82021712)	3.01727 (82022311)
-900.0	3.33026 (82061114)	2.95106 (82101615)	4.03292 (82101615)	3.24489 (82101610)	3.14247 (82021712)
-1000.0	3.15091 (82061114)	3.04309 (82030212)	3.67448 (82101615)	3.61743 (82101615)	3.61915 (82021712)
-1100.0	3.32979 (82022510)	3.14340 (82122112)	3.14367 (82011013)	3.71870 (82101615)	3.38890 (82101610)
-1200.0	3.41701 (82022510)	3.09352 (82122112)	3.16192 (82030212)	3.29378 (82101615)	3.35277 (82101615)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	800.00	900.00	X-COORD (METERS) 1000.00	1100.00	1200.00
1200.0	3.09448 (82062010)	2.51069 (82121212)	2.99954 (82121212)	3.03146 (82011408)	3.25327 (82011408)
1100.0	2.62580 (82062010)	2.98043 (82121212)	2.96031 (82011408)	3.29427 (82011408)	3.72399 (82011411)
1000.0	2.84038 (82121212)	2.82147 (82011408)	3.29787 (82011408)	3.92556 (82011411)	3.38978 (82011411)
900.0	2.77578 (82081815)	3.24853 (82011408)	4.10291 (82011411)	3.28782 (82011411)	3.21005 (82081813)
800.0	3.12668 (82011408)	4.22841 (82011411)	3.61019 (82040912)	3.45031 (82040911)	3.32106 (82063012)
700.0	4.25790 (82011411)	3.95955 (82040912)	3.63503 (82040911)	3.38164 (82063012)	3.26444 (82070115)
600.0	4.18831 (82040911)	3.60314 (82040911)	3.26204 (82070115)	3.49063 (82070115)	3.21313 (82070115)
500.0	3.31718 (82063011)	3.44374 (82070115)	3.31307 (82070115)	3.42831 (82050910)	3.58501 (82040613)
400.0	3.26332 (82040913)	4.05275 (82040913)	4.12823 (82040913)	3.73147 (82040613)	3.44083 (82080212)
300.0	4.63178 (82040913)	3.93910 (82040913)	3.87523 (82040611)	3.93327 (82040611)	3.73606 (82040611)
200.0	4.23026 (82040611)	4.04585 (82040611)	3.60999 (82040611)	3.09593 (82040611)	3.04287 (82062313)
100.0	3.77092 (82062313)	4.00643 (82062313)	4.03726 (82062313)	3.93326 (82062313)	3.74973 (82062313)
0.0	3.59959 (82011417)	3.38510 (82011417)	3.45042 (82011417)	3.46196 (82011417)	3.46900 (82080310)
-100.0	3.70461 (82092606)	3.78782 (82092606)	4.04291 (82092606)	4.15990 (82092606)	4.17544 (82092606)
-200.0	3.27002 (82050914)	3.04389 (82050914)	2.72170 (82080215)	2.88047 (82040617)	3.14350 (82011412)
-300.0	3.08900 (82050914)	3.23977 (82050914)	3.40570 (82011418)	3.51638 (82080215)	3.41468 (82080215)
-400.0	3.53394 (82061111)	3.37540 (82061111)	3.10771 (82040616)	2.85494 (82080211)	3.11611 (82011418)
-500.0	4.21831 (82081315)	3.36656 (82061111)	3.70697 (82061111)	3.47053 (82061111)	3.36389 (82040616)
-600.0	3.67245 (82080311)	4.41790 (82011420)	3.98198 (82081315)	3.43684 (82032611)	3.51089 (82061111)
-700.0	3.96310 (82050915)	3.58311 (82080311)	3.93813 (82011420)	4.14428 (82081315)	3.52802 (82081315)
-800.0	3.56742 (82050915)	3.80578 (82050915)	3.31462 (82080311)	3.48835 (82080311)	4.01857 (82011420)
-900.0	3.15760 (82101612)	3.43859 (82061210)	3.55607 (82050915)	3.23186 (82061113)	3.26964 (82080311)
-1000.0	3.17793 (82122111)	3.19490 (82101612)	3.32158 (82061210)	3.27347 (82050915)	3.10846 (82061113)
-1100.0	3.70246 (82021712)	3.13582 (82122111)	3.13841 (82101612)	3.15490 (82061210)	2.99009 (82050915)
-1200.0	3.19598 (82110509)	3.52833 (82021712)	3.01664 (82022311)	3.02410 (82101612)	2.96561 (82061210)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2
 INCLUDING SOURCE(S): 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	-1200.00	-1100.00	-1000.00	-900.00	-800.00
1200.0	11.50502 (82041521)	12.34112 (82012521)	12.50510 (82020123)	13.13862 (82022523)	13.99121 (82031223)
1100.0	12.32099 (82061302)	12.52328 (82041521)	13.49185 (82012521)	14.20023 (82020123)	14.61310 (82041724)
1000.0	11.45356 (82081720)	13.31647 (82061302)	14.01169 (82041521)	14.78817 (82012120)	16.18101 (82010720)
900.0	13.33838 (82081723)	13.48375 (82052922)	14.93283 (82081722)	15.80770 (82041521)	17.42878 (82012120)
800.0	14.06119 (82062206)	14.84555 (82012119)	16.20755 (82052922)	17.40185 (82081722)	18.21120 (82071423)
700.0	14.24974 (82022521)	14.68319 (82010203)	16.89157 (82052923)	18.38923 (82111421)	19.88655 (82081722)
600.0	14.19482 (82010624)	15.09858 (82030522)	17.96463 (82040502)	19.74407 (82062206)	21.26336 (82081723)
500.0	15.82141 (82093021)	16.52914 (82012022)	17.49920 (82010624)	19.85452 (82022521)	22.63872 (82010203)
400.0	15.97456 (82012021)	15.40303 (82012021)	17.16014 (82093021)	21.96710 (82012022)	22.29280 (82010624)
300.0	10.84770 (82040205)	10.42854 (82040205)	16.10138 (82091723)	22.35754 (82012021)	17.67798 (82012021)
200.0	16.38912 (82100107)	18.90837 (82100107)	19.67454 (82010820)	22.97073 (82010820)	16.17655 (82040205)
100.0	8.86841 (82111702)	11.44065 (82100406)	16.20448 (82100406)	22.04487 (82100406)	27.38410 (82100406)
0.0	8.78385 (82111804)	9.80593 (82111804)	11.02246 (82111804)	12.48542 (82111804)	14.26463 (82111804)
-100.0	17.46045 (82032324)	18.54589 (82032324)	18.25604 (82032324)	17.64614 (82031823)	15.41379 (82031823)
-200.0	13.42892 (82060822)	13.84314 (82060822)	17.51215 (82061223)	23.56132 (82061223)	24.94074 (82060804)
-300.0	16.34079 (82060804)	15.16408 (82032323)	20.35609 (82032323)	12.74796 (82032323)	10.31153 (82060821)
-400.0	9.78294 (82032323)	7.50065 (82060821)	8.11456 (82100823)	10.21729 (82071507)	11.20815 (82071507)
-500.0	6.79457 (82100823)	8.27061 (82071507)	8.74536 (82071507)	9.50921 (82091701)	19.68251 (82080606)
-600.0	7.03145 (82071507)	6.66053 (82091701)	9.13400 (82071221)	18.98118 (82080606)	21.34834 (82081603)
-700.0	7.61944 (82091701)	14.25657 (82080606)	16.91207 (82080605)	17.29916 (82081603)	16.96741 (82080402)
-800.0	13.82422 (82080606)	14.02770 (82080605)	12.30165 (82081603)	12.98817 (82080402)	10.11377 (82050921)
-900.0	12.85194 (82081603)	12.23030 (82080402)	10.05048 (82080402)	8.79095 (82050921)	9.80877 (82111801)
-1000.0	12.08854 (82080402)	8.88000 (82100922)	7.69122 (82050921)	8.75894 (82111801)	5.87613 (82092823)
-1100.0	8.49778 (82100922)	6.79912 (82100922)	7.54419 (82111801)	4.14650 (82070523)	7.97936 (82092823)
-1200.0	6.21252 (82100922)	6.94888 (82050921)	4.49922 (82111801)	7.78604 (82092823)	3.35396 (82030401)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2 ***
 INCLUDING SOURCE(S): 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	-700.00	-600.00	-500.00	-400.00	-300.00
1200.0	16.78359 (82081906)	16.40798 (82081906)	12.09492 (82110221)	12.18335 (82040503)	12.48858 (82062106)
1100.0	15.79511 (82122804)	19.86548 (82081906)	13.56744 (82072023)	13.06616 (82122901)	13.13406 (82112903)
1000.0	16.84086 (82010622)	18.30828 (82081906)	18.97161 (82081906)	13.70192 (82042121)	12.97678 (82082023)
900.0	17.11946 (82010720)	19.68469 (82031223)	23.41638 (82081906)	14.34630 (82112920)	14.29498 (82052503)
800.0	19.58891 (82012120)	21.54630 (82022523)	22.90538 (82020621)	23.64298 (82060923)	14.99834 (82122901)
700.0	21.39752 (82071423)	23.51184 (82022820)	24.96846 (82041724)	28.38850 (82081906)	15.62916 (82042022)
600.0	23.48948 (82081720)	25.58788 (82071423)	28.18215 (82020123)	29.91802 (82031223)	32.71768 (82072023)
500.0	25.54388 (82012119)	27.27661 (82081720)	31.25606 (82071423)	33.69015 (82010720)	36.83077 (82031603)
400.0	27.39140 (82022521)	30.50947 (82062206)	33.85466 (82052922)	39.06432 (82071423)	43.51625 (82041724)
300.0	28.35055 (82093021)	29.72373 (82010624)	37.52787 (82010203)	44.28202 (82111421)	50.15821 (82071423)
200.0	21.78067 (82091723)	34.67044 (82012021)	37.57891 (82093021)	45.75051 (82030522)	60.00541 (82052923)
100.0	31.42600 (82091724)	34.58483 (82100107)	40.48636 (82010820)	33.44899 (82010820)	67.98778 (82012021)
0.0	16.45483 (82111804)	19.18563 (82111804)	22.69223 (82011921)	31.25328 (82011921)	47.17207 (82011921)
-100.0	21.13943 (82060822)	29.79719 (82060822)	41.18872 (82061223)	44.08658 (82090705)	21.47035 (82060821)
-200.0	30.30876 (82032323)	16.76263 (82032323)	15.31371 (82100823)	21.89652 (82120904)	59.09961 (82080605)
-300.0	12.39936 (82071507)	14.69171 (82071507)	28.18311 (82080606)	41.02505 (82081603)	21.49655 (82081108)
-400.0	13.14768 (82091701)	27.44226 (82080606)	31.52826 (82080402)	17.70503 (82050921)	18.04222 (82070308)
-500.0	24.18276 (82080605)	28.02412 (82080402)	15.54061 (82050921)	14.62308 (82070308)	13.92484 (82030401)
-600.0	22.15249 (82080402)	13.61322 (82050921)	10.06069 (82070308)	8.78083 (82030401)	14.03418 (82071805)
-700.0	11.69160 (82050921)	9.23427 (82111801)	9.03426 (82092823)	12.32474 (82112419)	10.86923 (82020705)
-800.0	10.22182 (82111801)	11.70498 (82092823)	13.41443 (82030401)	14.04769 (82021101)	9.81321 (82101518)
-900.0	9.29473 (82092823)	5.30615 (82030401)	12.47238 (82112419)	11.71381 (82071805)	12.18709 (82010606)
-1000.0	5.87790 (82092823)	13.07423 (82030401)	13.01572 (82021101)	8.12061 (82042306)	13.68023 (82010606)
-1100.0	8.44975 (82030401)	11.63915 (82112419)	12.25296 (82071805)	7.51337 (82101518)	13.10248 (82081520)
-1200.0	11.00472 (82030401)	11.67550 (82021101)	6.57082 (82042306)	9.08569 (82010606)	12.52587 (82031124)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2 ***
 INCLUDING SOURCE(S): 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	300.00	400.00	500.00	600.00	700.00
1200.0	12.51613 (82081504)	12.07514 (82092621)	11.64538 (82082405)	11.45889 (82061004)	11.39900 (82090404)
1100.0	12.42478 (82010805)	12.96103 (82091902)	12.40748 (82041402)	11.99028 (82031224)	10.21869 (82032206)
1000.0	13.79284 (82092523)	13.61931 (82032224)	12.98914 (82090906)	12.94658 (82062002)	12.55114 (82042301)
900.0	14.34290 (82121106)	14.22579 (82041402)	13.93379 (82031224)	13.43017 (82021006)	13.13175 (82032507)
800.0	15.17035 (82091901)	14.87066 (82090906)	13.50091 (82032206)	14.20371 (82031805)	13.62680 (82070504)
700.0	15.33151 (82041402)	15.29828 (82090404)	15.13772 (82032103)	14.47145 (82070504)	21.14026 (82081406)
600.0	16.30025 (82012404)	15.42934 (82021006)	15.55399 (82010802)	24.85174 (82081406)	22.34556 (82012104)
500.0	16.92795 (82032206)	16.30524 (82080301)	29.47569 (82081406)	26.61463 (82100505)	23.75883 (82022022)
400.0	18.54370 (82040522)	37.28935 (82012407)	33.00750 (82021802)	28.49794 (82042124)	26.01353 (82022020)
300.0	48.27057 (82012407)	37.85806 (82032523)	35.71572 (82122024)	31.02681 (82122023)	27.51091 (82111502)
200.0	55.52615 (82122020)	46.52514 (82122023)	38.14601 (82030303)	25.62151 (82092504)	28.92559 (82022021)
100.0	59.64637 (82092504)	46.03607 (82100206)	38.98636 (82011703)	34.19623 (82111304)	28.86504 (82073001)
0.0	36.11569 (82061007)	25.96311 (82061007)	19.35064 (82061007)	16.61560 (82011801)	15.88498 (82011801)
-100.0	60.87062 (82092706)	49.48667 (82122124)	39.89823 (82012106)	34.02903 (82011707)	29.57496 (82011702)
-200.0	54.15007 (82100902)	40.78978 (82011805)	37.46817 (82111504)	32.77835 (82092706)	28.82687 (82060903)
-300.0	47.26235 (82092305)	41.40446 (82112323)	34.24024 (82091806)	28.86148 (82081106)	27.55384 (82091702)
-400.0	41.45991 (82122206)	37.02819 (82092305)	32.97769 (82011906)	29.07738 (82100902)	25.59900 (82041902)
-500.0	34.47514 (82043003)	32.74684 (82012520)	29.74373 (82092305)	26.95111 (82030301)	24.33075 (82090207)
-600.0	19.45821 (82042806)	29.35430 (82122207)	26.87297 (82011602)	24.47747 (82092305)	22.70638 (82030223)
-700.0	26.68911 (82042805)	24.27060 (82031203)	23.94593 (82020607)	22.52020 (82011602)	20.55893 (82092305)
-800.0	15.16116 (82011721)	14.85395 (82042806)	22.15611 (82043003)	20.46445 (82122206)	19.37490 (82030302)
-900.0	14.22982 (82011723)	21.19566 (82042805)	20.16423 (82031203)	18.74746 (82011601)	17.42431 (82122206)
-1000.0	13.74201 (82012208)	13.52346 (82012207)	11.97194 (82011522)	13.79428 (82043003)	16.30666 (82020607)
-1100.0	13.06376 (82090501)	12.83191 (82071305)	16.77601 (82042805)	15.10100 (82031203)	15.40787 (82043003)
-1200.0	12.57366 (82012506)	12.27283 (82011723)	11.88285 (82012207)	9.92729 (82011522)	12.90857 (82031203)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2 ***
 INCLUDING SOURCE(S): 11

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	800.00	900.00	X-COORD (METERS) 1000.00	1100.00	1200.00
1200.0	10.61767 (82021006)	10.47338 (82031805)	9.96262 (82010802)	9.91135 (82050903)	11.22001 (82081406)
1100.0	11.58129 (82032103)	9.86023 (82010802)	10.78712 (82050903)	12.30242 (82081406)	12.07836 (82032002)
1000.0	11.77689 (82032507)	11.62073 (82050903)	13.88413 (82081406)	12.96086 (82032002)	12.37609 (82100505)
900.0	12.27715 (82050903)	15.80984 (82081406)	14.76510 (82021922)	13.67685 (82100505)	12.94326 (82032523)
800.0	18.18289 (82081406)	16.90195 (82021922)	13.99061 (82021802)	13.89089 (82032523)	13.67504 (82042124)
700.0	19.36821 (82012104)	18.03097 (82021802)	16.51198 (82022022)	14.08970 (82122020)	14.14487 (82122024)
600.0	20.86859 (82032523)	19.07546 (82042124)	17.46958 (82122024)	16.22328 (82122105)	14.93154 (82122119)
500.0	22.26863 (82122020)	20.07835 (82122105)	18.40058 (82122119)	15.31148 (82122123)	15.44591 (82111502)
400.0	23.32372 (82122119)	21.09292 (82122123)	19.12514 (82030303)	16.64021 (82072404)	9.45615 (82092504)
300.0	24.41829 (82072404)	14.49331 (82092504)	19.74948 (82092504)	17.80506 (82022021)	16.02592 (82122122)
200.0	24.38445 (82122122)	22.62292 (82100206)	20.30239 (82011703)	16.51992 (82111304)	16.63678 (82111304)
100.0	25.59542 (82111307)	23.15053 (82011704)	20.33990 (82032202)	18.51129 (82032202)	16.15763 (82032202)
0.0	14.92623 (82011801)	14.05329 (82031405)	13.18718 (82031405)	12.44281 (82031405)	11.70354 (82031405)
-100.0	25.86806 (82022406)	22.43611 (82022406)	20.61926 (82011622)	17.58700 (82011622)	14.36448 (82011622)
-200.0	25.56739 (82122124)	22.12611 (82011705)	19.96119 (82012106)	18.01591 (82011707)	16.19214 (82011707)
-300.0	23.42582 (82111504)	21.57224 (82092706)	19.38919 (82072704)	17.79243 (82022605)	16.36205 (82122124)
-400.0	21.82439 (82081106)	19.48101 (82091702)	18.01876 (82111504)	15.64362 (82010801)	15.59263 (82092706)
-500.0	20.93365 (82091806)	19.89738 (82041902)	17.23510 (82081106)	15.61984 (82011805)	14.82822 (82091702)
-600.0	20.26559 (82112323)	18.71451 (82100902)	17.18481 (82091806)	15.82463 (82122203)	14.04554 (82081106)
-700.0	19.11736 (82082803)	17.40824 (82111907)	16.28682 (82090207)	14.00074 (82100902)	12.44227 (82091806)
-800.0	17.56144 (82092305)	16.75104 (82082803)	15.55149 (82011906)	14.44622 (82112323)	13.29101 (82100902)
-900.0	16.83005 (82030302)	15.21273 (82092305)	14.46297 (82123102)	13.89568 (82030301)	12.66865 (82111907)
-1000.0	14.42903 (82012520)	14.40116 (82030302)	13.33429 (82092305)	13.14605 (82123102)	12.25422 (82030301)
-1100.0	14.29309 (82021102)	13.81495 (82012520)	13.01533 (82020606)	11.80546 (82092305)	11.98398 (82123102)
-1200.0	13.62327 (82011601)	12.79724 (82021102)	12.56051 (82012520)	12.02466 (82020606)	10.76743 (82092305)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	-1200.00	-1100.00	-1000.00	-900.00	-800.00
1200.0	12.26455 (82041521)	13.05372 (82012521)	13.15198 (82020123)	13.74662 (82022523)	14.57614 (82031223)
1100.0	13.03040 (82061302)	13.18881 (82041521)	14.12094 (82012521)	14.78737 (82020123)	15.12710 (82041724)
1000.0	12.05627 (82081720)	13.92510 (82061302)	14.58979 (82041521)	15.30194 (82012120)	16.67989 (82010720)
900.0	13.96788 (82081723)	14.04792 (82052922)	15.46860 (82081722)	16.30536 (82041521)	17.89021 (82012120)
800.0	14.65590 (82062206)	15.38968 (82012119)	16.71062 (82052922)	17.86461 (82081722)	18.61947 (82071423)
700.0	14.79881 (82022521)	15.16965 (82010203)	17.35740 (82052923)	18.81984 (82111421)	20.27260 (82081722)
600.0	14.69008 (82010624)	15.54520 (82030522)	18.40347 (82040502)	20.14517 (82062206)	21.62587 (82081723)
500.0	16.33219 (82093021)	16.96596 (82012022)	17.88507 (82010624)	20.22448 (82022521)	22.97202 (82010203)
400.0	16.46739 (82012021)	15.77552 (82012021)	17.53643 (82093021)	22.31944 (82012022)	22.58239 (82010624)
300.0	11.30756 (82040205)	10.74380 (82040205)	16.46149 (82091723)	22.69646 (82012021)	17.89460 (82012021)
200.0	16.85305 (82100107)	19.30401 (82100107)	20.04363 (82010820)	23.26935 (82010820)	16.42511 (82040205)
100.0	9.31158 (82111702)	11.78579 (82100406)	16.54783 (82100406)	22.36060 (82100406)	27.64899 (82100406)
0.0	9.03188 (82111804)	10.02711 (82111804)	11.21890 (82111804)	12.65648 (82111804)	14.41329 (82111804)
-100.0	17.90187 (82032324)	18.95297 (82032324)	18.61766 (82032324)	17.93526 (82031823)	15.65425 (82031823)
-200.0	13.84300 (82060822)	14.24018 (82060822)	17.76050 (82061223)	23.86007 (82061223)	25.21625 (82060804)
-300.0	16.80947 (82060804)	15.44189 (82032323)	20.71923 (82032323)	13.06113 (82032323)	10.53290 (82060821)
-400.0	10.22149 (82032323)	7.84264 (82060821)	8.39417 (82100823)	10.68461 (82071507)	11.72193 (82071507)
-500.0	7.27280 (82100823)	8.95089 (82071507)	9.47125 (82071507)	9.71114 (82091701)	19.89079 (82080606)
-600.0	7.97159 (82071507)	7.31239 (82120904)	9.47636 (82071221)	19.36232 (82080606)	21.64561 (82081603)
-700.0	8.11635 (82091701)	14.61740 (82080606)	17.30381 (82080605)	17.71697 (82081603)	17.35578 (82080402)
-800.0	14.39243 (82080606)	14.56613 (82080605)	12.79392 (82081603)	13.44143 (82080402)	10.35503 (82050921)
-900.0	13.35690 (82081603)	12.60922 (82080402)	10.55673 (82080402)	9.07283 (82050921)	10.21569 (82111801)
-1000.0	12.61411 (82080402)	9.27735 (82100922)	8.01773 (82050921)	9.21025 (82111801)	6.23477 (82070523)
-1100.0	9.00456 (82100922)	7.42249 (82100922)	8.03202 (82111801)	4.68648 (82070523)	8.52109 (82092823)
-1200.0	6.92754 (82100922)	7.66628 (82050921)	5.11359 (82111801)	8.34986 (82092823)	4.26541 (82050924)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	-700.00	-600.00	-500.00	-400.00	-300.00
1200.0	16.78359 (82081906)	16.40798 (82081906)	12.60143 (82110221)	12.68043 (82040503)	12.93266 (82062106)
1100.0	16.31486 (82122804)	19.86548 (82081906)	14.01409 (82072023)	13.48886 (82122901)	13.52155 (82112903)
1000.0	17.28996 (82010622)	18.31489 (82101323)	19.17570 (82060923)	14.09263 (82042121)	13.28971 (82082023)
900.0	17.54811 (82010720)	20.08413 (82031223)	23.41638 (82081906)	14.69158 (82112920)	14.59751 (82052503)
800.0	19.98605 (82012120)	21.90599 (82022523)	23.23282 (82020621)	23.96056 (82060923)	15.26321 (82122901)
700.0	21.74614 (82071423)	23.84053 (82022820)	25.27160 (82041724)	28.38850 (82081906)	15.85059 (82042022)
600.0	23.81746 (82081720)	25.87737 (82071423)	28.45041 (82020123)	30.16635 (82031223)	32.92936 (82072023)
500.0	25.84535 (82012119)	27.53629 (82081720)	31.49485 (82071423)	33.90801 (82010720)	37.00760 (82031603)
400.0	27.66880 (82022521)	30.75430 (82062206)	34.06963 (82052922)	39.25354 (82071423)	43.67708 (82041724)
300.0	28.59947 (82093021)	29.93201 (82010624)	37.72169 (82010203)	44.45093 (82111421)	50.30882 (82071423)
200.0	21.99383 (82091723)	34.88073 (82012021)	37.75667 (82093021)	45.90361 (82030522)	60.14043 (82052923)
100.0	31.65447 (82091724)	34.78450 (82100107)	40.65532 (82010820)	33.55722 (82010820)	68.11082 (82012021)
0.0	16.58397 (82111804)	19.29438 (82111804)	22.78402 (82011921)	31.34061 (82011921)	47.25663 (82011921)
-100.0	21.27575 (82060822)	29.94979 (82060822)	41.31775 (82061223)	44.18377 (82090705)	21.51149 (82060821)
-200.0	30.51451 (82032323)	16.96581 (82032323)	15.40281 (82100823)	22.04086 (82120904)	59.20120 (82080605)
-300.0	12.66885 (82071507)	15.02475 (82071507)	28.28233 (82080606)	41.17011 (82081603)	21.49680 (82081108)
-400.0	13.32623 (82091701)	27.67396 (82080606)	31.66272 (82080402)	17.81470 (82050921)	18.04422 (82070308)
-500.0	24.46144 (82080605)	28.24432 (82080402)	15.67929 (82050921)	14.69936 (82092823)	14.10137 (82030401)
-600.0	22.46050 (82080402)	13.78180 (82050921)	10.11428 (82070308)	8.86906 (82030401)	14.17410 (82071805)
-700.0	11.89598 (82050921)	9.51956 (82111801)	9.28883 (82092823)	12.46991 (82112419)	10.92351 (82020705)
-800.0	10.57513 (82111801)	11.99390 (82092823)	13.63512 (82030401)	14.34624 (82021101)	10.23666 (82101518)
-900.0	9.54827 (82092823)	5.40435 (82030401)	12.71124 (82112419)	12.06800 (82071805)	12.38334 (82010606)
-1000.0	6.60654 (82070523)	13.46057 (82030401)	13.41180 (82021101)	8.78558 (82042306)	14.04339 (82010606)
-1100.0	8.69534 (82030401)	11.99026 (82112419)	12.69812 (82071805)	8.24272 (82101518)	13.46138 (82081520)
-1200.0	11.55569 (82030401)	12.18162 (82021101)	7.34563 (82042306)	9.34084 (82010606)	12.94734 (82031124)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	300.00	400.00	500.00	600.00	700.00
1200.0	12.95100 (82081504)	12.55292 (82092621)	12.11846 (82032224)	11.98183 (82061004)	11.91847 (82090404)
1100.0	12.74106 (82010805)	13.35723 (82091902)	12.85437 (82041402)	12.39831 (82101406)	10.70682 (82032206)
1000.0	14.11741 (82092523)	13.96153 (82032224)	13.31937 (82090906)	13.33144 (82062002)	12.95961 (82042301)
900.0	14.61373 (82121106)	14.54443 (82041402)	14.27333 (82031224)	13.75584 (82021006)	13.49473 (82032507)
800.0	15.41798 (82091901)	15.12712 (82090906)	13.77809 (82032206)	14.51464 (82031805)	13.98113 (82070504)
700.0	15.53189 (82041402)	15.53631 (82090404)	15.37735 (82032103)	14.73110 (82070504)	21.45108 (82081406)
600.0	16.46495 (82012404)	15.63833 (82021006)	15.78311 (82010802)	25.10924 (82081406)	22.65188 (82012104)
500.0	17.04727 (82032206)	16.45802 (82080301)	29.68814 (82081406)	26.85588 (82100505)	23.98386 (82022022)
400.0	18.62704 (82040522)	37.42846 (82012407)	33.17208 (82021802)	28.72173 (82042124)	26.26271 (82022020)
300.0	48.38842 (82012407)	38.01062 (82032523)	35.88691 (82122024)	31.19978 (82122023)	27.72290 (82111502)
200.0	55.62168 (82122020)	46.65020 (82122023)	38.30615 (82030303)	25.74659 (82092504)	29.13720 (82022021)
100.0	59.74044 (82092504)	46.14429 (82100206)	39.14644 (82011703)	34.38215 (82111304)	29.09373 (82073001)
0.0	36.11569 (82061007)	25.96311 (82061007)	19.35064 (82061007)	16.77615 (82011801)	16.08475 (82011801)
-100.0	60.99202 (82092706)	49.62547 (82122124)	40.06453 (82012106)	34.21311 (82011707)	29.80967 (82011702)
-200.0	54.28254 (82100902)	40.94054 (82011805)	37.64534 (82111504)	32.98556 (82092706)	29.06448 (82060903)
-300.0	47.41008 (82092305)	41.57114 (82112323)	34.42659 (82091806)	29.07029 (82081106)	27.80820 (82091702)
-400.0	41.62663 (82122206)	37.21379 (82092305)	33.19064 (82011906)	29.31987 (82100902)	25.87246 (82041902)
-500.0	34.64651 (82043003)	32.95180 (82012520)	29.97881 (82092305)	27.21603 (82030301)	24.62726 (82090207)
-600.0	19.63814 (82042806)	29.58810 (82122207)	27.13116 (82011602)	24.76305 (82092305)	23.03151 (82030223)
-700.0	26.91147 (82042805)	24.54817 (82031203)	24.24451 (82020607)	22.84970 (82011602)	20.90336 (82092305)
-800.0	15.42773 (82011721)	15.10999 (82042806)	22.47873 (82043003)	20.80981 (82122206)	19.75924 (82030302)
-900.0	14.56703 (82011723)	21.53136 (82042805)	20.52524 (82031203)	19.15379 (82011601)	17.85703 (82122206)
-1000.0	14.08453 (82012208)	13.88834 (82012207)	12.37798 (82011522)	14.11644 (82043003)	16.74903 (82020607)
-1100.0	13.47602 (82090501)	13.24384 (82071305)	17.23264 (82042805)	15.52263 (82031203)	15.91747 (82043003)
-1200.0	13.02331 (82012506)	12.76128 (82011723)	12.39654 (82012207)	10.46473 (82011522)	13.46143 (82031203)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	800.00	900.00	1000.00	1100.00	1200.00
1200.0	11.08717 (82021006)	10.99762 (82031805)	10.50592 (82010802)	10.59204 (82050903)	11.86194 (82081406)
1100.0	12.05851 (82032103)	10.25423 (82010802)	11.35591 (82050903)	12.86676 (82081406)	12.75373 (82032002)
1000.0	12.26880 (82032507)	12.08178 (82050903)	14.37628 (82081406)	13.57026 (82032002)	12.96962 (82100505)
900.0	12.69474 (82070504)	16.23557 (82081406)	15.22586 (82021922)	14.24288 (82100505)	13.49330 (82032523)
800.0	18.54820 (82081406)	17.33023 (82021922)	14.33396 (82021802)	14.43534 (82032523)	14.21405 (82042124)
700.0	19.69143 (82012104)	18.40843 (82021802)	16.91173 (82022022)	14.46723 (82122020)	14.70220 (82122024)
600.0	21.18892 (82032523)	19.43928 (82042124)	17.85172 (82122024)	16.67853 (82122105)	15.43129 (82122119)
500.0	22.55756 (82122020)	20.39742 (82122105)	18.78951 (82122119)	15.65378 (82122123)	15.91462 (82111502)
400.0	23.61515 (82122119)	21.39861 (82122123)	19.47709 (82030303)	17.07709 (82072404)	9.82748 (82021004)
300.0	24.68977 (82072404)	14.66463 (82092504)	20.09096 (82092504)	18.21715 (82022021)	16.50163 (82122122)
200.0	24.66299 (82122122)	22.92113 (82100206)	20.65868 (82011703)	16.83759 (82111304)	17.07205 (82111304)
100.0	25.86161 (82111307)	23.45260 (82011704)	20.66338 (82032202)	18.90702 (82032202)	16.61655 (82032202)
0.0	15.16535 (82011801)	14.31645 (82031405)	13.48845 (82031405)	12.78145 (82031405)	12.08264 (82031405)
-100.0	26.14045 (82022406)	22.72250 (82022406)	20.96759 (82011622)	17.94600 (82011622)	14.72223 (82011622)
-200.0	25.84612 (82122124)	22.42864 (82011705)	20.33257 (82012106)	18.43535 (82011707)	16.62469 (82011707)
-300.0	23.70094 (82111504)	21.90764 (82092706)	19.75059 (82072704)	18.22018 (82022605)	16.83880 (82122124)
-400.0	22.11599 (82081106)	19.82602 (82091702)	18.41062 (82111504)	16.07240 (82010801)	16.08236 (82092706)
-500.0	21.25824 (82091806)	20.26687 (82041902)	17.62477 (82081106)	16.04880 (82011805)	15.31022 (82091702)
-600.0	20.62043 (82112323)	19.10882 (82100902)	17.61662 (82091806)	16.31317 (82122203)	14.54642 (82081106)
-700.0	19.50551 (82082803)	17.82407 (82111907)	16.74824 (82090207)	14.47612 (82100902)	12.93971 (82091806)
-800.0	17.96601 (82092305)	17.20401 (82082803)	16.04899 (82011906)	14.98747 (82112323)	13.87135 (82100902)
-900.0	17.29285 (82030302)	15.68279 (82092305)	14.99561 (82123102)	14.48018 (82030301)	13.28626 (82111907)
-1000.0	14.87232 (82012520)	14.93872 (82030302)	13.87591 (82092305)	13.76703 (82123102)	12.90269 (82030301)
-1100.0	14.80556 (82021102)	14.38167 (82012520)	13.61887 (82020606)	12.42444 (82092305)	12.68889 (82123102)
-1200.0	14.22727 (82011601)	13.42531 (82021102)	13.22976 (82012520)	12.72952 (82020606)	11.46920 (82092305)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	-1200.00	-1100.00	-1000.00	-900.00	-800.00
1200.0	1.75168 (82050716)	1.79835 (82073016)	1.80263 (82073016)	1.50427 (82072916)	1.27814 (82062716)
1100.0	1.78329 (82091016)	1.82302 (82050716)	1.91127 (82073016)	1.84987 (82073016)	1.48397 (82072916)
1000.0	2.04836 (82091016)	1.92953 (82091016)	1.87149 (82050716)	2.00874 (82073016)	1.85211 (82073016)
900.0	2.07870 (82091016)	2.19245 (82091016)	2.06828 (82091016)	1.88243 (82050716)	2.07285 (82073016)
800.0	1.86755 (82070716)	2.14780 (82091016)	2.30725 (82091016)	2.18153 (82091016)	1.86404 (82073016)
700.0	1.77561 (82070716)	1.91554 (82070716)	2.14985 (82091016)	2.36058 (82091016)	2.23947 (82091016)
600.0	1.50542 (82071016)	1.63494 (82070716)	1.85560 (82070716)	2.04683 (82091016)	2.30494 (82091016)
500.0	1.53937 (82070916)	1.51684 (82070916)	1.47027 (82071016)	1.62841 (82070716)	1.79933 (82091016)
400.0	1.55220 (82081616)	1.61179 (82081616)	1.57462 (82081616)	1.49752 (82070916)	1.38840 (82092016)
300.0	1.94227 (82051216)	1.79419 (82051216)	1.54302 (82051216)	1.54810 (82081616)	1.46648 (82081616)
200.0	2.17073 (82051216)	2.19097 (82051216)	2.14246 (82051216)	1.99183 (82051216)	1.71081 (82051216)
100.0	1.93903 (82071116)	1.92595 (82071116)	1.89507 (82051216)	1.86593 (82051216)	1.76705 (82051216)
0.0	1.86649 (82012924)	1.89846 (82071516)	1.90608 (82071516)	1.86107 (82071516)	1.74413 (82071516)
-100.0	1.76188 (82071516)	1.78013 (82071516)	1.75665 (82071516)	1.67438 (82071516)	1.51556 (82071516)
-200.0	1.78660 (82031008)	1.88912 (82031008)	1.90473 (82031008)	1.74104 (82031008)	1.44766 (82031008)
-300.0	1.80117 (82031008)	1.55560 (82031008)	1.53782 (82111116)	1.65725 (82111116)	1.83664 (82040716)
-400.0	1.93974 (82111116)	2.04583 (82111116)	2.10682 (82040716)	2.01998 (82040716)	2.05512 (82032916)
-500.0	2.08594 (82040716)	1.99012 (82040716)	1.95767 (82032916)	2.67514 (82032916)	2.76370 (82032916)
-600.0	1.91350 (82102824)	2.41669 (82032916)	2.71284 (82032916)	2.39036 (82032916)	1.63980 (82032916)
-700.0	2.49585 (82032916)	2.45292 (82032916)	1.97373 (82032916)	1.63065 (82111016)	1.56597 (82111016)
-800.0	2.10434 (82032916)	1.61742 (82032916)	1.80813 (82111016)	1.64371 (82111016)	1.76520 (82110724)
-900.0	1.71551 (82111016)	1.89925 (82111016)	1.67105 (82111016)	1.84897 (82110724)	1.47638 (82110708)
-1000.0	1.92715 (82111016)	1.72746 (82110724)	1.88965 (82110724)	1.48552 (82110708)	1.83077 (82110708)
-1100.0	1.77279 (82110724)	1.89809 (82110724)	1.47703 (82110908)	1.93826 (82110708)	1.42565 (82110708)
-1200.0	1.88319 (82110724)	1.57630 (82110908)	1.97528 (82110708)	1.67977 (82110708)	1.08586 (82091416)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	-700.00	-600.00	-500.00	-400.00	-300.00
1200.0	1.67291c(82011816)	1.92235c(82011816)	1.79692c(82011816)	1.52611 (82121116)	1.43530 (82121616)
1100.0	1.46076c(82011816)	1.85317c(82011816)	1.91679c(82011816)	1.60109 (82060416)	1.48980 (82040816)
1000.0	1.41249 (82062716)	1.65490c(82011816)	1.92202c(82011816)	1.73955 (82060416)	1.49570 (82040816)
900.0	1.78381 (82073016)	1.42146 (82062716)	1.77067c(82011816)	1.76501c(82011816)	1.46666 (82060416)
800.0	2.07557 (82073016)	1.61376 (82073016)	1.44803c(82011816)	1.69970c(82011816)	1.58737 (82060416)
700.0	1.83461 (82073016)	1.96735 (82073016)	1.38784 (82062716)	1.42960c(82011816)	1.53355 (82060416)
600.0	2.19737 (82091016)	1.69411 (82073016)	1.70161 (82073016)	1.18726 (82062716)	1.15177 (82060416)
500.0	2.08161 (82091016)	1.99837 (82091016)	1.41885 (82073016)	1.20101 (82073016)	0.75598 (82081416)
400.0	1.39940 (82070716)	1.64628 (82091016)	1.51470 (82091016)	0.83350 (82073016)	0.49340 (82073016)
300.0	1.24708 (82070916)	1.02060 (82092016)	0.87918 (82091016)	0.69066 (82091016)	0.23437 (82073016)
200.0	1.29316 (82051216)	0.94125 (82081616)	0.55156 (82062816)	0.29621 (82072716)	0.16567 (82041416)
100.0	1.57653 (82051216)	1.14010 (82051216)	0.60456 (82051216)	0.16989 (82051216)	0.03871c(82010608)
0.0	1.53678 (82071516)	1.24311 (82032816)	1.34416 (82032908)	1.59222 (82032908)	2.04764 (82032816)
-100.0	1.26792 (82071516)	0.92683 (82031008)	0.86688 (82032916)	1.12112 (82032916)	1.13749 (82032916)
-200.0	1.26170 (82050516)	1.06141 (82050516)	0.91292 (82032916)	3.22298 (82032916)	4.81579 (82032916)
-300.0	1.76107 (82040716)	2.27123 (82032916)	3.46230 (82032916)	2.44952 (82032916)	0.84572 (82032916)
-400.0	2.99277 (82032916)	2.54656 (82032916)	1.54094 (82032916)	0.64484 (82060716)	0.48871 (82060716)
-500.0	1.97431 (82032916)	1.20000 (82032916)	0.95162 (82060716)	0.94700 (82060716)	0.59495 (82060816)
-600.0	1.35905 (82111016)	1.30570 (82110724)	1.15999 (82060716)	0.91830 (82060716)	0.71639 (82091416)
-700.0	1.61505 (82110724)	1.24994 (82110708)	1.13997 (82060716)	1.07234 (82091416)	0.75446 (82091516)
-800.0	1.42291 (82110708)	1.32511 (82110708)	1.15577 (82091416)	1.10673 (82091416)	0.69413 (82091516)
-900.0	1.63203 (82110708)	1.09484 (82091416)	1.36527 (82091416)	1.02491 (82091516)	0.66179 (82091424)
-1000.0	1.10750 (82110708)	1.35408 (82091416)	1.28207 (82091416)	0.94435 (82091516)	0.68910 (82101016)
-1100.0	1.23050 (82091416)	1.44596 (82091416)	1.13024 (82091516)	0.85235 (82091424)	0.71899 (82101016)
-1200.0	1.42753 (82091416)	1.31922 (82091416)	1.05212 (82091516)	0.89036 (82091424)	0.73048 (82101016)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-200.00	-100.00	X-COORD (METERS) 0.00	100.00	200.00
1200.0	1.07064 (82012316)	1.25847 (82092116)	1.09925 (82031616)	0.96572 (82061916)	0.73753 (82030716)
1100.0	1.10850 (82121616)	1.21711 (82092116)	1.12245 (82031616)	0.95586 (82031616)	0.77986 (82030716)
1000.0	1.15327 (82121616)	1.14095 (82092116)	1.12892 (82031616)	0.93625 (82031616)	0.79686 (82030716)
900.0	1.14340 (82121616)	1.03024 (82031616)	1.10594 (82031616)	0.88895 (82031616)	0.74290 (82030716)
800.0	1.11891 (82040816)	0.95678 (82031616)	1.04608 (82031616)	0.80839 (82031616)	0.61614 (82030716)
700.0	1.08264 (82040816)	0.82765 (82031616)	0.93610 (82031616)	0.68705 (82031616)	0.48926 (82052916)
600.0	1.04859 (82060416)	0.59258 (82031616)	0.69518 (82031616)	0.48749 (82031616)	0.44187 (82062016)
500.0	0.82568 (82060416)	0.30991 (82031616)	0.39370 (82031616)	0.28117 (82072416)	0.35970 (82062016)
400.0	0.36472 (82060416)	0.16922 (82060416)	0.12682 (82031616)	0.10817 (82072416)	0.23096 (82062016)
300.0	0.12629c(82032016)	0.05983 (82060416)	0.05171c(82092108)	0.05451c(82092008)	0.07289 (82062016)
200.0	0.06018c(82012124)	0.05317c(82072508)	0.05541c(82092108)	0.05139c(82081408)	0.79345 (82011416)
100.0	0.03970 (82100108)	0.03618c(82012124)	0.02387c(82082408)	1.29699 (82011416)	0.05145c(82122024)
0.0	2.85867 (82032816)	4.17826 (82032816)	0.00000 (0)	1.63884 (82011424)	1.04584 (82011424)
-100.0	5.38519 (82032916)	4.06495 (82032916)	0.00271c(82100208)	0.60649 (82011424)	0.48790 (82081316)
-200.0	1.45232 (82032916)	0.01874c(82112424)	0.05626c(82100208)	0.04163c(82082108)	0.09964 (82011424)
-300.0	0.07199 (82091516)	0.04121 (82071624)	0.06225c(82100208)	0.06938c(82082108)	0.04382c(82100908)
-400.0	0.19130 (82091516)	0.17671 (82072416)	0.06942c(82100208)	0.07573 (82061116)	0.20226 (82101616)
-500.0	0.27199 (82060816)	0.28103 (82072416)	0.17493 (82070516)	0.18450 (82060816)	0.34573c(82062916)
-600.0	0.46735 (82072416)	0.42132 (82070516)	0.42084 (82102516)	0.34297 (82060816)	0.38757c(82062916)
-700.0	0.56210 (82072416)	0.44234 (82101016)	0.71078 (82102516)	0.49976 (82110516)	0.45755 (82022516)
-800.0	0.64100 (82101016)	0.57614 (82102516)	0.89443 (82102516)	0.62594 (82102516)	0.51470 (82022516)
-900.0	0.70438 (82101016)	0.74662 (82102516)	1.03766 (82102516)	0.75763 (82102516)	0.66024 (82110516)
-1000.0	0.72785 (82101016)	0.90207 (82102516)	1.15107 (82102516)	0.86694 (82102516)	0.81021 (82110516)
-1100.0	0.80519 (82021316)	1.01518 (82102516)	1.22036 (82102516)	0.94628 (82102516)	0.90071 (82110516)
-1200.0	0.90326 (82021316)	1.10114 (82102516)	1.26251 (82102516)	1.00207 (82102516)	0.95474 (82110516)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	300.00	400.00	500.00	600.00	700.00
1200.0	0.97772 (82030716)	0.72502 (82052916)	0.69743 (82062016)	0.83153 (82062016)	0.96571 (82062016)
1100.0	0.88230 (82030716)	0.66938 (82062016)	0.79521 (82062016)	0.97172 (82062016)	1.05520 (82062016)
1000.0	0.72496 (82052916)	0.73708 (82062016)	0.92790 (82062016)	1.09714 (82062016)	1.07757 (82062016)
900.0	0.64351 (82052916)	0.83262 (82062016)	1.07314 (82062016)	1.15001 (82062016)	1.03017 (82062016)
800.0	0.68607 (82062016)	0.95685 (82062016)	1.16259 (82062016)	1.09255 (82062016)	0.93500 (82062016)
700.0	0.74697 (82062016)	1.06014 (82062016)	1.11104 (82062016)	0.94071 (82062016)	0.97100 (82032316)
600.0	0.79340 (82062016)	1.02781 (82062016)	0.90460 (82062016)	0.90090 (82032316)	1.07301 (82040916)
500.0	0.70315 (82062016)	0.75200 (82062016)	0.73522 (82032316)	1.06114 (82040916)	1.12199 (82040916)
400.0	0.40746 (82062016)	0.45332 (82011416)	0.93066 (82040916)	1.00128 (82040916)	0.97111 (82070116)
300.0	0.57925 (82011416)	0.57966 (82040916)	0.70737 (82040916)	0.83431 (82070116)	0.97950 (82070116)
200.0	0.27339 (82011416)	0.34973 (82040916)	0.54639 (82040916)	0.78112 (82070116)	0.96247 (82070116)
100.0	0.06829 (82040916)	0.19122 (82040616)	0.38198 (82070116)	0.63515 (82070116)	0.81449 (82070116)
0.0	0.81777 (82011424)	0.67221 (82011424)	0.56705 (82011424)	0.48826 (82011424)	0.58973 (82070116)
-100.0	0.05162c(82010808)	0.12499 (82092608)	0.29249 (82061316)	0.50840 (82080216)	0.70764 (82080216)
-200.0	1.06525 (82011424)	0.28412 (82081316)	0.35318 (82061016)	0.61834 (82080216)	0.87432 (82080216)
-300.0	0.11262 (82050916)	0.64447 (82011424)	0.67322 (82011424)	0.72988 (82061016)	0.66281 (82061016)
-400.0	0.22962 (82101616)	0.36842 (82050916)	0.58352 (82050916)	0.75166 (82061016)	0.78969 (82061016)
-500.0	0.65724 (82101616)	0.48490 (82032616)	0.63294 (82061216)	0.80995 (82050916)	0.77943 (82121716)
-600.0	0.89782 (82101616)	0.99915 (82101616)	0.62391 (82032616)	0.82176 (82061216)	0.90896 (82050916)
-700.0	0.84546 (82101616)	1.27467 (82101616)	1.04458 (82101616)	0.67310 (82121816)	0.94441 (82061216)
-800.0	0.69537 (82101616)	1.23606 (82101616)	1.40214 (82101616)	1.02894 (82122016)	0.80155 (82121308)
-900.0	0.64571 (82022516)	1.06235 (82101616)	1.46204 (82101616)	1.42248 (82122016)	0.95551 (82122016)
-1000.0	0.67343 (82022516)	0.86960 (82101616)	1.30641 (82101616)	1.57211 (82122016)	1.36138 (82122016)
-1100.0	0.68003 (82110516)	0.80272 (82110516)	1.10270 (82101616)	1.50489 (82122016)	1.58457 (82122016)
-1200.0	0.73034 (82110516)	0.80766 (82110516)	1.03487 (82022216)	1.32613 (82122016)	1.59877 (82122016)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2 ***
 INCLUDING SOURCE(S): 11

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-200.00	-100.00	0.00	100.00	200.00
1200.0	3.37735 (82060208)	2.87875 (82080124)	3.24405 (82011324)	2.75268 (82121124)	3.78496 (82062008)
1100.0	3.66758 (82060208)	3.10980 (82080124)	3.54721 (82011324)	2.90390 (82062024)	4.05173 (82062008)
1000.0	3.83864 (82060208)	3.28755 (82080124)	3.88886 (82011324)	3.64748c(82082408)	3.45944 (82082624)
900.0	3.75776 (82060208)	3.41710 (82060208)	4.25617 (82011324)	4.31248c(82082408)	3.33390c(82082308)
800.0	5.39856 (82062108)	4.14731 (82060208)	4.69304 (82011324)	4.37112c(82082408)	3.09790 (82121124)
700.0	5.07637 (82062108)	5.12985 (82060208)	5.15536 (82011324)	5.67808 (82062008)	4.34995c(82082608)
600.0	4.93226c(82123008)	6.34862 (82060208)	5.61493 (82011324)	6.50693 (82062008)	5.18636c(82082608)
500.0	4.43845c(82053008)	7.44533 (82060208)	6.23082 (82121124)	4.81415 (82082624)	4.50521c(82081408)
400.0	9.06457 (82072424)	7.19510 (82060208)	6.33328 (82121124)	4.57274c(82082608)	5.99875c(82081408)
300.0	23.61170c(82072508)	8.38566 (82121616)	8.37778 (82092616)	5.76643c(82082608)	5.46202 (82021308)
200.0	21.12154c(82012124)	14.73802 (82041424)	15.93075c(82060624)	12.93394c(82082124)	24.37364c(82082208)
100.0	19.39827 (82100108)	38.00914c(82012124)	33.06389c(82060624)	39.17414c(82082208)	20.17517c(82122124)
0.0	17.26009 (82040208)	43.74759c(82011924)	7.69106 (82032516)	25.65422 (82022108)	10.50958 (82022124)
-100.0	12.78260 (82090124)	25.76189 (82112124)	26.77623 (82040708)	22.61088 (82031908)	29.15176c(82090508)
-200.0	10.17092 (82112124)	9.03333 (82091424)	15.40074 (82040708)	14.26262c(82031208)	12.55549 (82121908)
-300.0	5.23211 (82091524)	7.69930c(82081624)	8.01382c(82112324)	9.23028 (82112224)	14.79905 (82122208)
-400.0	2.72098 (82091424)	5.85741c(82092516)	7.33108c(82112324)	4.93590 (82092408)	6.51640 (82112224)
-500.0	2.65816 (82071624)	3.94620c(82092516)	6.34848c(82112324)	3.20260 (82030124)	8.57397c(82051008)
-600.0	4.30485c(82081624)	3.54031c(82100524)	6.05183c(82100208)	2.87125c(82100608)	7.25988c(82082108)
-700.0	5.16162c(82081624)	3.09173c(82100524)	5.83762c(82100208)	3.57305c(82100608)	4.66134 (82092408)
-800.0	3.56603c(82081624)	2.69825c(82100524)	5.40799c(82100208)	3.02529c(82100608)	2.75518c(82090508)
-900.0	2.26068c(82100524)	2.35573c(82100524)	4.92329c(82100208)	2.58463 (82040708)	2.33001c(82082908)
-1000.0	2.74031c(82100524)	2.07365c(82100524)	4.41099c(82100208)	2.62947c(82090608)	2.29176c(82082908)
-1100.0	2.63362c(82100524)	2.21032c(82021824)	3.98241c(82100208)	2.73982c(82090608)	2.05431c(82100608)
-1200.0	2.25418c(82100524)	2.38758c(82081224)	3.59943c(82100208)	2.70088c(82090608)	2.39640c(82100608)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

*** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-700.00	-600.00	-500.00	-400.00	-300.00
1200.0	4.35888c(82072508)	3.03674 (82072424)	2.62602c(82082024)	2.94257c(82123008)	4.35557 (82062108)
1100.0	6.57509c(82072508)	4.16277c(82031608)	2.87918c(82060124)	2.97766 (82082324)	4.10743 (82062108)
1000.0	4.28959 (82101324)	6.48319c(82072508)	3.69475 (82072424)	2.74872c(82082024)	3.71209 (82031524)
900.0	4.32931 (82101324)	6.28252c(82072508)	5.46445c(82031608)	3.20609c(82082024)	3.85140c(82123008)
800.0	4.90310c(82012124)	5.56319 (82101324)	9.41766c(82072508)	4.70130 (82072424)	3.62706 (82082324)
700.0	5.06582 (82070708)	5.35793c(82011824)	6.42992 (82101324)	7.40905c(82031608)	3.72234c(82082024)
600.0	7.82447 (82081724)	5.95581 (82070708)	6.78242 (82010724)	10.95143c(82072508)	6.25182 (82072424)
500.0	6.88954c(82012124)	9.59167 (82081724)	7.26580c(82012124)	8.05264 (82010724)	11.35776 (82072424)
400.0	6.07607 (82071008)	5.65989 (82082824)	11.38457 (82081724)	9.44723c(82012124)	11.52412 (82101324)
300.0	5.37169c(82010608)	7.23394 (82100108)	8.75838 (82071008)	12.10719 (82081724)	13.21609c(82012124)
200.0	5.15803c(82010608)	6.75953 (82012024)	7.81605c(82010608)	10.70154 (82100108)	13.51506c(82012124)
100.0	6.81660 (82100408)	5.81765 (82100108)	7.81706 (82100108)	7.62865c(82010608)	13.43200c(82010608)
0.0	4.62888 (82040208)	5.51405 (82040208)	6.75084 (82040208)	8.59076 (82040208)	11.57541 (82040208)
-100.0	3.32141 (82090808)	4.59487 (82090808)	8.31668c(82110124)	12.71467c(82090708)	7.12677 (82051108)
-200.0	5.55110c(82090708)	2.84152 (82051108)	3.83371 (82051108)	5.98709 (82120908)	15.64111c(82080608)
-300.0	2.66795 (82051108)	3.82321 (82120908)	6.09646c(82083008)	6.86169c(82081608)	5.56041 (82110908)
-400.0	3.62879 (82032916)	9.04387c(82080608)	5.27713c(82080408)	3.70916 (82112208)	3.00737c(82070308)
-500.0	5.88933c(82080608)	4.70739c(82080408)	2.95917 (82110908)	2.86864 (82112124)	2.92880 (82091524)
-600.0	3.74342c(82080408)	2.58836 (82110908)	2.81938 (82112124)	2.17237 (82091524)	2.51537c(82112424)
-700.0	2.47680 (82110908)	2.62418 (82112124)	1.69851 (82091324)	3.07555c(82112424)	1.87898 (82091424)
-800.0	2.43288 (82112124)	2.06844 (82110708)	1.92685 (82091524)	2.61812c(82112424)	2.03766 (82071624)
-900.0	2.36376 (82110708)	1.57243 (82091524)	2.96154c(82112424)	2.01133c(82071808)	2.44762 (82071624)
-1000.0	1.46752 (82110708)	1.82345 (82091416)	2.50099c(82112424)	1.66995 (82091424)	3.45537c(82081624)
-1100.0	1.58937 (82091416)	2.73672c(82112424)	2.11635c(82071808)	1.63904 (82091424)	3.64596c(82081624)
-1200.0	1.78508 (82091416)	2.33783c(82112424)	1.48688 (82091424)	1.87878 (82071624)	2.96534c(82081624)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	300.00	400.00	500.00	600.00	700.00
1200.0	2.50345 (82121124)	3.47178c(82082608)	3.55067c(82082408)	4.46427c(82081408)	3.50372c(82090408)
1100.0	2.49113c(82092524)	4.15110c(82091908)	5.12521c(82081408)	3.19314 (82012408)	2.58747c(82090408)
1000.0	3.62589c(82092524)	4.07121c(82082408)	4.99764c(82081408)	4.01553c(82090408)	2.84884c(82032108)
900.0	4.31899c(82082608)	5.57167c(82081408)	3.53123c(82090408)	2.02339 (82042224)	3.32181c(82032108)
800.0	4.88392c(82091908)	5.55871c(82081408)	3.45030c(82090408)	4.36972c(82032108)	4.29014 (82040408)
700.0	5.64249c(82081408)	4.93793c(82090408)	4.59841c(82032108)	4.63725 (82040408)	9.52570c(82082208)
600.0	5.93916c(82081408)	2.97134c(82032424)	4.68334 (82040408)	11.38714c(82082208)	5.11773c(82032008)
500.0	4.56523c(82090408)	3.97246 (82040408)	13.81148c(82082208)	7.50995c(82082208)	5.82749c(82082208)
400.0	4.40660 (82021308)	17.08573c(82082208)	12.04561c(82082208)	6.42775c(82122024)	7.29205c(82122024)
300.0	21.13948c(82082208)	12.63126c(82082208)	12.04507c(82122024)	7.64907c(82122124)	6.23281c(82100424)
200.0	18.32680c(82122024)	11.83507c(82122124)	6.24417c(82072408)	4.29110c(82092508)	6.22763c(82100208)
100.0	9.95674c(82092508)	12.27088c(82100208)	9.74661c(82111308)	12.09966c(82111308)	11.47515c(82111308)
0.0	6.08490 (82022124)	4.48338c(82063008)	4.18203c(82091808)	4.11002c(82091808)	4.06941c(82091808)
-100.0	16.29840c(82010808)	12.87925c(82022408)	13.20039c(82011708)	11.59484c(82011708)	9.86266c(82071508)
-200.0	10.73623c(82100908)	15.48766c(82090508)	9.89433c(82111508)	7.84180c(82010808)	5.68362c(82022608)
-300.0	7.90166 (82121908)	6.13177c(82111908)	5.77206c(82091808)	10.19427c(82090508)	5.52813c(82111508)
-400.0	11.97350 (82122208)	6.19734c(82092208)	6.07767 (82121908)	5.48388c(82100908)	4.61179 (82122208)
-500.0	10.12792c(82100908)	8.16540 (82122208)	4.99323c(82092208)	5.74536 (82121908)	3.56496c(82072908)
-600.0	5.09028 (82112224)	7.91384c(82100908)	5.63365 (82122208)	4.12494c(82092208)	5.04809 (82121908)
-700.0	6.63901c(82051008)	4.09670c(82031208)	6.26591 (82122208)	4.78319 (82020608)	3.48227c(82092208)
-800.0	5.72653c(82051008)	4.06462 (82112224)	6.90011c(82100908)	5.88655 (82122208)	4.54062 (82020608)
-900.0	5.95113c(82082108)	4.90528c(82051008)	3.42695c(82031208)	5.66117c(82100908)	5.17575 (82122208)
-1000.0	3.99688 (82092408)	5.46472c(82051008)	3.34914 (82112224)	3.77717c(82100908)	4.33621 (82012508)
-1100.0	2.63149c(82090508)	4.55530c(82082108)	3.98351 (82112224)	2.59809c(82031208)	5.00768c(82100908)
-1200.0	2.14010c(82072008)	4.68895c(82082108)	4.77490c(82051008)	2.83831 (82112224)	2.24421c(82031208)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	800.00	900.00	1000.00	1100.00	1200.00
1200.0	1.50132 (82042224)	3.35957c(82032108)	2.13070c(82090408)	2.78430 (82050908)	4.98592c(82082208)
1100.0	3.43293c(82032108)	2.06632c(82090408)	3.08818 (82040408)	5.45493c(82082208)	4.18186c(82082208)
1000.0	2.51641 (82040824)	3.44455 (82040408)	6.14710c(82082208)	4.13351c(82082208)	2.79990c(82082208)
900.0	3.85913 (82040408)	7.01249c(82082208)	4.11435c(82082208)	3.66863c(82082208)	4.94601c(82082208)
800.0	8.11029c(82082208)	4.10585c(82082208)	5.00702c(82082208)	4.72560c(82082208)	2.17253c(82032108)
700.0	4.55430c(82032008)	6.60285c(82082208)	3.50460c(82082208)	4.31881c(82122024)	4.84053c(82122024)
600.0	7.45288c(82082208)	3.28464c(82122024)	6.19087c(82122024)	3.62237c(82122024)	3.29770c(82122124)
500.0	7.37780c(82122024)	4.92699c(82122024)	4.14169c(82122124)	4.16057c(82122124)	3.49677c(82100424)
400.0	5.44858c(82122124)	5.03997c(82100424)	3.27906c(82100424)	2.84632c(82072408)	1.61358c(82092508)
300.0	4.11511c(82072408)	2.44410c(82092508)	3.34849c(82092508)	4.11289c(82100208)	4.10911c(82100208)
200.0	6.42395c(82100208)	4.98751c(82100208)	4.13614c(82111308)	4.84484c(82111308)	5.24205c(82111308)
100.0	9.49406c(82111308)	7.33392c(82111308)	5.48574c(82111308)	4.43296c(82032208)	3.94097c(82032208)
0.0	3.93301c(82091808)	3.74902c(82091808)	3.53502c(82091808)	3.34321c(82091808)	3.16003c(82091808)
-100.0	8.41832c(82042108)	9.38942c(82042108)	9.13456c(82042108)	8.21308c(82042108)	7.06537c(82042108)
-200.0	6.46648c(82022408)	6.25705c(82011708)	6.10618c(82011708)	5.84107c(82011708)	5.41635c(82011708)
-300.0	6.10494c(82111508)	4.85444c(82010808)	3.70639c(82010808)	3.51107c(82022408)	4.14094c(82022408)
-400.0	7.40810c(82090508)	5.06701c(82090508)	5.11987c(82111508)	3.83541c(82111508)	3.40898c(82010808)
-500.0	3.93323c(82092808)	3.99278 (82122208)	5.73455c(82090508)	4.77164c(82090508)	3.66862c(82111508)
-600.0	3.36398c(82111908)	3.51114c(82100908)	3.07320c(82092808)	3.34925 (82122208)	4.64255c(82090508)
-700.0	4.28031 (82121908)	2.97068c(82111908)	2.67765c(82072908)	2.90800c(82100908)	2.27697c(82092808)
-800.0	2.99311c(82092208)	3.56975 (82121908)	3.02350 (82121908)	2.14107c(82112324)	2.52595c(82100908)
-900.0	4.14384 (82020608)	2.61283c(82092208)	2.96270 (82121908)	3.03613 (82121908)	2.21438c(82111908)
-1000.0	4.40097 (82122208)	3.71613 (82020608)	2.31186c(82092208)	2.50838 (82121908)	3.01009 (82121908)
-1100.0	3.65079 (82122208)	3.68757 (82122208)	3.31331 (82020608)	2.07006c(82092208)	2.25223 (82031908)
-1200.0	4.28552c(82100908)	3.60476 (82122208)	3.15063 (82122208)	3.01263 (82020608)	1.91086c(82092208)

*** ISCST2 - VERSION 92062 *** *** FGTC III ST 21 1,8 HOUR CO 100 m GRID 2-23-93 1982
*** ENSR Version 1.00 Level 920408*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

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

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR	(XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
1	HIGH 1ST HIGH VALUE IS	20.97587	ON 82032909: AT (	-100.00,	-100.00,	0.00,	0.00) GC E3
2	HIGH 1ST HIGH VALUE IS	207.61730	ON 82011921: AT (	-100.00,	0.00,	0.00,	0.00) GC E3
3	HIGH 1ST HIGH VALUE IS	207.63040	ON 82011921: AT (	-100.00,	0.00,	0.00,	0.00) GC E3

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

*** ISCST2 - VERSION 92062 *** *** FGTC III ST 21 1,8 HOUR CO 100 m GRID 2-23-93 1982
 *** ENSR Version 1.00 Level 920408*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

		** CONC OF CO IN MICROGRAMS/CUBIC-METER **									
GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR	(XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID				
1	HIGH 1ST HIGH VALUE IS	5.38519	ON 82032916: AT (	-200.00,	-100.00,	0.00,	0.00)	GC	E3		
2	HIGH 1ST HIGH VALUE IS	43.74759c	ON 82011924: AT (	-100.00,	0.00,	0.00,	0.00)	GC	E3		
3	HIGH 1ST HIGH VALUE IS	43.74977c	ON 82011924: AT (	-100.00,	0.00,	0.00,	0.00)	GC	E3		

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

*** ISCST2 - VERSION 92062 *** *** FGTC III ST 21 1,8 HOUR CO 100 m GRID 2-23-93 1982
*** ENSR Version 1.00 Level 920408*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** Message Summary For ISC2 Model Execution ***

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

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 619 Informational Message(s)

A Total of 619 Calm Hours Identified

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

***** WARNING MESSAGES *****
SO W320 27 PPARM : Source Parameter May Be Out-of-Range for Parameter VS
SO W320 28 PPARM : Source Parameter May Be Out-of-Range for Parameter VS

*** ISCST2 Finishes Successfully ***

ISC MODEL RESULTS
CO 1- AND 8-HOUR
100 METER GRID
YEAR 1983

NO ECHO

*** Message Summary For ISC2 Model Setup ***

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

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

***** FATAL ERROR MESSAGES *****

*** NONE ***

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

SO W320 27 PPARAM : Source Parameter May Be Out-of-Range for Parameter VS
SO W320 28 PPARAM : Source Parameter May Be Out-of-Range for Parameter VS

*** SETUP Finishes Successfully ***

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

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

**Model Uses RURAL 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 RURAL Mode

**Model Assumes Receptors on FLAT Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

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

**This Run Includes: 3 Source(s); 3 Source Group(s); and 625 Receptor(s)

**The Model Assumes A Pollutant Type of: CO

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

**Output Options Selected:

Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs Tables of Overall Maximum Short Term Values (MAXTABLE 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. = 0.0000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SECOND ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/CUBIC-METER

**Input Runstream File: s21CO83.dta ; **Output Print File: s21CO83.lst

**File for Saving Result Arrays: co.sav

**Detailed Error/Message File: st21co83.err

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART.	EMISSION RATE (USER UNITS) CATS.	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE	
											SCALAR	VARY BY
1	0	0.84000E+00	0.0	0.0	0.0	15.24	763.72	55.43	1.01	YES		
2	0	0.84000E+00	0.0	-17.0	0.0	15.24	763.72	55.43	1.01	YES		
11	0	0.80000E-01	-20.0	5.0	0.0	6.10	894.27	44.10	0.09	YES		

*** ISCST2 - VERSION 92062 *** *** FGTC III ST 21 1,8 HOUR CO 100 m GRID 2-23-93 1983
*** ENSR Version 1.00 Level 920408*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
1	1 , 2 ,
2	11 ,
3	1 , 2 , 11 ,

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: 1

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK				
1	9.1,	21.2,	0	2	9.1,	26.5,	0	3	9.1,	31.0,	0	4	9.1,	34.5,	0	5	9.1,	37.0,	0	6	9.1,	38.3,	0
7	9.1,	38.5,	0	8	9.1,	38.5,	0	9	9.1,	37.5,	0	10	9.1,	38.5,	0	11	9.1,	38.5,	0	12	9.1,	38.3,	0
13	9.1,	37.0,	0	14	9.1,	34.5,	0	15	9.1,	31.0,	0	16	9.1,	26.5,	0	17	9.1,	21.2,	0	18	9.1,	15.3,	0
19	9.1,	21.2,	0	20	9.1,	26.5,	0	21	9.1,	31.0,	0	22	9.1,	34.5,	0	23	9.1,	37.0,	0	24	9.1,	38.3,	0
25	9.1,	38.5,	0	26	9.1,	38.5,	0	27	9.1,	37.5,	0	28	9.1,	38.5,	0	29	9.1,	38.5,	0	30	9.1,	38.3,	0
31	9.1,	37.0,	0	32	9.1,	34.5,	0	33	9.1,	31.0,	0	34	9.1,	26.5,	0	35	9.1,	21.2,	0	36	9.1,	15.3,	0

SOURCE ID: 2

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK				
1	9.1,	21.2,	0	2	9.1,	26.5,	0	3	9.1,	31.0,	0	4	9.1,	34.5,	0	5	9.1,	37.0,	0	6	9.1,	38.3,	0
7	9.1,	38.5,	0	8	9.1,	38.5,	0	9	9.1,	37.5,	0	10	9.1,	38.5,	0	11	9.1,	38.5,	0	12	9.1,	38.3,	0
13	9.1,	37.0,	0	14	9.1,	34.5,	0	15	9.1,	31.0,	0	16	9.1,	26.5,	0	17	9.1,	21.2,	0	18	9.1,	15.3,	0
19	9.1,	21.2,	0	20	9.1,	26.5,	0	21	9.1,	31.0,	0	22	9.1,	34.5,	0	23	9.1,	37.0,	0	24	9.1,	38.3,	0
25	9.1,	38.5,	0	26	9.1,	38.5,	0	27	9.1,	37.5,	0	28	9.1,	38.5,	0	29	9.1,	38.5,	0	30	9.1,	38.3,	0
31	9.1,	37.0,	0	32	9.1,	34.5,	0	33	9.1,	31.0,	0	34	9.1,	26.5,	0	35	9.1,	21.2,	0	36	9.1,	15.3,	0

SOURCE ID: 11

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK				
1	5.7,	10.2,	0	2	5.7,	12.6,	0	3	5.7,	54.7,	0	4	5.7,	55.0,	0	5	9.1,	37.0,	0	6	9.1,	38.3,	0
7	9.1,	38.5,	0	8	9.1,	38.5,	0	9	5.7,	17.2,	0	10	9.1,	38.5,	0	11	9.1,	38.5,	0	12	9.1,	38.3,	0
13	9.1,	37.0,	0	14	9.1,	34.5,	0	15	9.1,	31.0,	0	16	5.7,	44.4,	0	17	5.7,	10.2,	0	18	5.7,	7.5,	0
19	5.7,	10.2,	0	20	5.7,	12.6,	0	21	5.7,	54.7,	0	22	5.7,	55.0,	0	23	9.1,	37.0,	0	24	9.1,	38.3,	0
25	9.1,	38.5,	0	26	9.1,	38.5,	0	27	9.1,	37.5,	0	28	9.1,	38.5,	0	29	9.1,	38.5,	0	30	9.1,	38.3,	0
31	9.1,	37.0,	0	32	9.1,	34.5,	0	33	9.1,	31.0,	0	34	5.7,	44.4,	0	35	5.7,	10.2,	0	36	5.7,	7.5,	0

*** ISCST2 - VERSION 92062 *** *** FGTC III ST 21 1,8 HOUR CO 100 m GRID 2-23-93 1983
*** ENSR Version 1.00 Level 920408*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

*** 02/23/93
*** 20:19:11
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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

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

-1200.0,	-1100.0,	-1000.0,	-900.0,	-800.0,	-700.0,	-600.0,	-500.0,	-400.0,	-300.0,
-200.0,	-100.0,	0.0,	100.0,	200.0,	300.0,	400.0,	500.0,	600.0,	700.0,
800.0,	900.0,	1000.0,	1100.0,	1200.0,					

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

-1200.0,	-1100.0,	-1000.0,	-900.0,	-800.0,	-700.0,	-600.0,	-500.0,	-400.0,	-300.0,
-200.0,	-100.0,	0.0,	100.0,	200.0,	300.0,	400.0,	500.0,	600.0,	700.0,
800.0,	900.0,	1000.0,	1100.0,	1200.0,					

*** ISCST2 - VERSION 92062 *** *** FGTC III ST 21 1,8 HOUR CO 100 m GRID 2-23-93 1983
*** ENSR Version 1.00 Level 920408*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

*** 02/23/93
*** 20:19:11
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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

* SOURCE-RECEPTOR COMBINATIONS LESS THAN 1.0 METER OR 3*2LB *
IN DISTANCE. CALCULATIONS MAY NOT BE PERFORMED.

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
1	0.0 0.0	0.00
2	0.0 0.0	17.00
11	0.0 0.0	20.62

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	-1200.00	-1100.00	-1000.00	-900.00	-800.00
1200.0	3.36174 (83020112)	3.16244 (83020114)	3.15366 (83020114)	3.44962 (83022214)	3.34376 (83060512)
1100.0	3.44479 (83021613)	3.43016 (83020112)	3.25233 (83020114)	3.38605 (83051412)	3.51050 (83022214)
1000.0	3.34549 (83030422)	3.47234 (83021613)	3.46419 (83020112)	3.38359 (83040709)	3.60632 (83051412)
900.0	3.43102 (83101211)	3.41959 (83101211)	3.52301 (83052312)	3.61062 (83040713)	3.44822 (83040709)
800.0	3.31438 (83062813)	3.48211 (83080713)	3.65128 (83090412)	3.79158 (83051413)	3.86945 (83052011)
700.0	3.43561 (83052813)	3.54912 (83062813)	3.78471 (83073111)	3.82162 (83050314)	3.98962 (83051413)
600.0	3.50940 (83082312)	3.68433 (83082613)	3.86467 (83052813)	3.96534 (83073111)	4.11089 (83060614)
500.0	3.61553 (83062812)	3.82662 (83082612)	3.90648 (83082613)	3.95751 (83082613)	3.98220 (83052813)
400.0	3.64555 (83051311)	3.58262 (83051311)	3.86134 (83032613)	4.34581 (83073014)	4.28980 (83073014)
300.0	3.74603 (83073114)	3.92112 (83082611)	4.07007 (83051311)	4.17395 (83051311)	3.75888 (83032613)
200.0	3.71504 (83080314)	4.01044 (83041313)	4.18628 (83041313)	4.36384 (83073114)	4.44976 (83073114)
100.0	4.49310 (83012007)	4.57573 (83012007)	4.53657 (83012007)	4.31602 (83012007)	4.15674 (83012007)
0.0	4.26882 (83012021)	4.40867 (83012021)	4.52153 (83012021)	4.58726 (83012021)	4.93267 (83012021)
-100.0	4.57724 (83012012)	4.81496 (83012010)	5.01553 (83012010)	5.09110 (83012010)	5.25810 (83012010)
-200.0	4.47786 (83012017)	4.72626 (83012009)	4.77858 (83012009)	4.77340 (83012019)	5.29546 (83012019)
-300.0	4.43043 (83012019)	4.23579 (83022624)	4.48251 (83022624)	4.19780 (83022718)	4.28725 (83022710)
-400.0	4.09134 (83022718)	4.24177 (83022718)	4.45407 (83022710)	4.09381 (83080414)	4.30746 (83051814)
-500.0	4.22331 (83101612)	4.25509 (83101612)	4.00334 (83101612)	4.23997 (83051814)	4.08585 (83022702)
-600.0	3.92278 (83101612)	3.67218 (83051814)	3.84285 (83092421)	4.50921 (83022717)	4.06874 (83022715)
-700.0	3.57374 (83110110)	4.08363 (83022702)	4.35790 (83022717)	3.63989 (83051012)	4.06627 (83051012)
-800.0	4.05245 (83022717)	4.04098 (83022715)	3.61941 (83092522)	3.75303 (83070913)	3.76319 (83070812)
-900.0	3.61259 (83022715)	3.66237 (83092522)	3.79398 (83092501)	3.67527 (83092501)	3.84444 (83101711)
-1000.0	3.56658 (83092522)	3.76835 (83092501)	3.60036 (83092419)	4.13221 (83101711)	4.25671 (83103117)
-1100.0	3.68532 (83092501)	3.54049 (83092419)	4.26757 (83101711)	4.56318 (83101711)	3.65225 (83101711)
-1200.0	3.44869 (83092419)	4.28505 (83101711)	4.74442 (83101711)	4.13460 (83101711)	3.21781 (83070813)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	-700.00	-600.00	-500.00	-400.00	-300.00
1200.0	3.44410 (83040811)	3.41605 (83081114)	3.61536 (83060711)	3.57786 (83040813)	3.57253 (83091313)
1100.0	3.56669 (83040712)	3.64379 (83040912)	3.71754 (83060711)	3.78740 (83091516)	3.79989 (83082512)
1000.0	3.69237 (83051612)	3.82265 (83040913)	3.87193 (83040912)	3.91164 (83060711)	3.89870 (83082512)
900.0	3.77018 (83051612)	4.04824 (83040712)	4.20902 (83040912)	4.06972 (83060711)	3.74219 (83091516)
800.0	3.68663 (83051412)	4.05858 (83051612)	4.36440 (83040913)	4.36188 (83040912)	3.78024 (83091516)
700.0	4.09062 (83052011)	3.77554 (83051412)	4.03048 (83051612)	4.48928 (83040912)	3.89769 (83060711)
600.0	4.18481 (83041414)	4.14348 (83052011)	3.57109 (83051412)	4.23597 (83040913)	4.26824 (83040912)
500.0	4.28056 (83060614)	4.15797 (83041414)	3.87197 (83052011)	3.44622 (83082012)	3.60795 (83040912)
400.0	3.94190 (83052813)	3.89592 (83060614)	3.56523 (83041414)	3.20483 (83082014)	2.31626 (83082012)
300.0	4.52318 (83073014)	4.16284 (83073014)	3.02601 (83071914)	2.15480 (83060614)	1.33286 (83081212)
200.0	4.00147 (83073114)	3.44820 (83051311)	3.21753 (83073014)	2.06898 (83073014)	0.52688 (83060614)
100.0	3.98262 (83041313)	3.64045 (83041313)	2.61969 (83073114)	1.34531 (83073114)	0.31211 (83073014)
0.0	4.84736 (83012021)	5.59707 (83012021)	6.56417 (83012021)	7.86217 (83012013)	10.28251 (83012013)
-100.0	5.48351 (83012015)	6.35429 (83012015)	7.36519 (83012009)	8.66064 (83012019)	9.27382 (83022624)
-200.0	4.60359 (83022624)	4.75970 (83022624)	6.00017 (83022710)	4.89007 (83022701)	8.60466 (83022717)
-300.0	4.48537 (83022701)	4.12814 (83051814)	4.31677 (83092421)	6.07838 (83022717)	6.09893 (83092501)
-400.0	4.50840 (83051814)	4.75654 (83022717)	3.75058 (83022715)	4.62219 (83092501)	5.87830 (83103117)
-500.0	4.44019 (83022717)	4.12763 (83051012)	3.71049 (83092501)	4.93279 (83103117)	2.56163 (83061613)
-600.0	4.25295 (83051012)	3.66173 (83070812)	4.46890 (83103117)	3.87066 (83092513)	3.33632 (83092512)
-700.0	3.81961 (83070812)	4.06804 (83061614)	4.39851 (83092513)	3.94705 (83061613)	3.52430 (83092612)
-800.0	3.78586 (83061614)	4.32257 (83092513)	3.89702 (83070813)	4.03167 (83092512)	4.22211 (83092612)
-900.0	4.27673 (83103117)	3.70208 (83070813)	4.03456 (83061613)	3.89877 (83092512)	4.13855 (83092612)
-1000.0	3.64363 (83061714)	3.81390 (83061613)	3.92456 (83092512)	3.87547 (83092612)	3.60662 (83092612)
-1100.0	3.60662 (83070813)	3.66144 (83061613)	3.71090 (83092512)	3.91562 (83092612)	3.20711 (83090615)
-1200.0	3.46005 (83061613)	3.53384 (83092512)	3.37521 (83111411)	3.60447 (83092612)	3.11934 (83090615)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-200.00	-100.00	X-COORD (METERS) 0.00	100.00	200.00
1200.0	3.77607 (83060613)	3.67267 (83082514)	3.68832 (83082915)	3.44012 (83112412)	3.62565 (83082511)
1100.0	3.86753 (83060613)	3.78538 (83082514)	3.89821 (83032712)	3.44447 (83082511)	3.58693 (83082511)
1000.0	3.80200 (83060613)	4.01056 (83082513)	4.23329 (83032712)	3.62662 (83082511)	3.38692 (83082511)
900.0	3.50935 (83060613)	4.35748 (83082513)	4.55607 (83032712)	3.71344 (83082511)	3.70497 (83041814)
800.0	3.53840 (83082512)	4.59119 (83082513)	4.82216 (83032712)	3.63825 (83082511)	3.90364 (83041814)
700.0	3.43512 (83082512)	4.58150 (83082513)	4.95237 (83032712)	3.32257 (83082511)	3.68458 (83041814)
600.0	3.42303 (83082013)	4.05995 (83082513)	4.75370 (83032712)	2.79576 (83092212)	3.48588 (83092212)
500.0	2.93721 (83082013)	2.84532 (83082513)	3.98773 (83032712)	2.16178 (83092212)	4.97293 (83031717)
400.0	2.18858 (83040912)	1.20534 (83082513)	2.49128 (83032712)	1.65779 (83031717)	3.01693 (83031717)
300.0	0.74567 (83040913)	0.14786 (83082513)	0.74203 (83032712)	6.43573 (83031717)	0.35094 (83091412)
200.0	0.15314 (83060820)	0.13579 (83092022)	0.13427 (83080620)	6.64774 (83031717)	0.17618 (83032414)
100.0	0.13864 (83062907)	0.11282 (83060820)	0.06036 (83021003)	0.47950 (83032414)	8.84747 (83032417)
0.0	14.20468 (83012013)	19.63598 (83012007)	0.00000 (0)	16.70960 (83030111)	11.83554 (83042414)
-100.0	10.46534 (83022701)	15.58832 (83092501)	0.00989 (83111206)	1.00186 (83031117)	9.82324 (83020215)
-200.0	8.83558 (83092501)	0.76255 (83103117)	0.13302 (83061407)	0.13333 (83061007)	0.15481 (83012908)
-300.0	5.11652 (83103117)	0.14904 (83041019)	0.15961 (83061407)	0.19701 (83041711)	0.32261 (83041713)
-400.0	1.04911 (83092512)	0.63857 (83081715)	0.74669 (83041712)	1.51546 (83041711)	1.18362 (83041713)
-500.0	2.38073 (83092612)	2.17078 (83081714)	1.98141 (83083012)	3.19066 (83041711)	2.43627 (83050513)
-600.0	3.38071 (83092612)	3.37719 (83081714)	3.24703 (83083012)	4.07781 (83041711)	3.39777 (83050513)
-700.0	3.31459 (83092612)	3.35626 (83081714)	3.77920 (83041712)	4.18951 (83041711)	3.72364 (83032512)
-800.0	3.38033 (83081715)	3.42379 (83041113)	4.07817 (83041712)	3.86204 (83041711)	4.07362 (83041711)
-900.0	3.24499 (83081715)	3.47403 (83112911)	4.15958 (83041712)	3.84058 (83072714)	4.34743 (83041711)
-1000.0	3.56401 (83041113)	3.82847 (83112911)	4.10271 (83041712)	3.91095 (83072714)	4.26587 (83041711)
-1100.0	4.18442 (83112911)	4.03448 (83112911)	3.96058 (83041712)	3.84528 (83072714)	3.98108 (83041711)
-1200.0	4.62646 (83112911)	4.11596 (83112911)	3.77109 (83041712)	3.69503 (83072714)	3.60548 (83041711)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

*** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	300.00	400.00	500.00	600.00	700.00
1200.0	3.65466 (83041814)	3.18950 (83031717)	3.74974 (83031717)	3.36184 (83041813)	3.26176 (83072215)
1100.0	3.87664 (83041814)	3.92242 (83031717)	3.63802 (83090214)	3.44488 (83031723)	3.55394 (83072215)
1000.0	3.86632 (83041814)	4.05584 (83031717)	3.55669 (83041813)	3.61310 (83072215)	3.44285 (83120612)
900.0	3.50465 (83041814)	3.66952 (83090214)	3.24179 (83072215)	3.62092 (83072215)	3.19145 (83022816)
800.0	3.84613 (83031717)	3.40956 (83041813)	3.64921 (83072215)	3.09007 (83120612)	3.50444 (83032813)
700.0	3.73248 (83031717)	3.40618 (83091412)	3.05629 (83072215)	3.38614 (83032813)	4.04970 (83032813)
600.0	3.43503 (83080812)	3.17968 (83053113)	2.99866 (83081311)	4.01679 (83032813)	3.62661 (83032413)
500.0	3.33891 (83081412)	2.99967 (83053113)	3.65029 (83032813)	4.09713 (83032413)	4.56858 (83032413)
400.0	2.07784 (83053113)	2.56569 (83032813)	4.21513 (83032413)	4.26613 (83032413)	3.64342 (83032414)
300.0	0.96039 (83032813)	3.28611 (83032414)	4.75674 (83032414)	3.82107 (83032417)	5.03387 (83032417)
200.0	7.05864 (83032414)	5.43357 (83032417)	5.98343 (83032417)	6.14028 (83032416)	5.44388 (83032416)
100.0	10.98325 (83032416)	7.93999 (83042413)	7.69344 (83042413)	6.41005 (83042413)	5.40804 (83042414)
0.0	8.22869 (83042414)	5.93142 (83042414)	4.45485 (83042414)	3.76033 (83042412)	4.24687 (83042511)
-100.0	7.74551 (83030116)	6.04641 (83030116)	3.22430 (83030116)	3.63178 (83032112)	4.34679 (83032112)
-200.0	5.67015 (83031117)	4.67403 (83031117)	5.17143 (83020215)	3.78064 (83030116)	4.20573 (83030116)
-300.0	0.61363 (83082814)	2.66359 (83032113)	4.74501 (83031117)	3.31446 (83031117)	4.23809 (83020215)
-400.0	2.05996 (83082814)	2.33708 (83082814)	3.39215 (83032113)	4.45574 (83032113)	4.35725 (83031117)
-500.0	3.23992 (83071812)	3.38579 (83082814)	2.77178 (83072414)	3.15645 (83032113)	4.48350 (83032113)
-600.0	3.31907 (83071812)	3.27080 (83082814)	2.86189 (83082814)	3.11542 (83072414)	3.08913 (83011313)
-700.0	3.31366 (83092912)	4.14418 (83041713)	2.96827 (83011513)	3.07107 (83021810)	3.30647 (83083115)
-800.0	3.75162 (83032512)	3.67932 (83041713)	3.91733 (83041713)	3.23652 (83011513)	3.33766 (83021810)
-900.0	4.13989 (83032512)	3.80064 (83041714)	4.09454 (83041713)	3.25306 (83041713)	3.20939 (83011513)
-1000.0	3.99303 (83032512)	3.37970 (83102712)	3.64191 (83041714)	3.81493 (83041713)	3.39469 (83011513)
-1100.0	3.54858 (83032512)	3.61525 (83032512)	3.70436 (83041714)	3.63553 (83041713)	3.24412 (83041713)
-1200.0	3.33353 (83012411)	3.64688 (83032512)	3.42330 (83102712)	3.36854 (83041714)	3.40314 (83041713)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	800.00	900.00	1000.00	1100.00	1200.00
1200.0	3.28500 (83120612)	2.97899 (83031016)	3.43687 (83022816)	3.54994 (83031716)	3.26490 (83090209)
1100.0	3.22168 (83120612)	3.50989 (83022816)	3.63819 (83031716)	3.30707 (83090209)	3.11185 (83030103)
1000.0	3.45076 (83022816)	3.66751 (83031716)	3.35986 (83032813)	3.13606 (83012114)	3.60013 (83022813)
900.0	3.60447 (83031716)	3.64200 (83032813)	3.24026 (83012114)	3.63495 (83022813)	3.17802 (83090215)
800.0	3.89158 (83032813)	3.26415 (83012114)	3.53990 (83022813)	3.38562 (83090215)	3.89090 (83032414)
700.0	3.28464 (83022813)	3.83673 (83032413)	3.54081 (83032414)	4.15100 (83032414)	3.39988 (83020314)
600.0	4.31182 (83032413)	4.14050 (83032414)	3.88428 (83032414)	3.32541 (83072615)	3.57071 (83032415)
500.0	4.23185 (83032414)	3.28356 (83012113)	3.64991 (83032415)	4.37983 (83032417)	4.19170 (83032417)
400.0	3.55469 (83032417)	4.68033 (83032417)	4.18242 (83032417)	3.93783 (83032416)	4.43094 (83032416)
300.0	3.96332 (83032416)	5.06600 (83032416)	4.89721 (83032416)	4.02161 (83032416)	3.63656 (83042411)
200.0	4.66131 (83042411)	4.45991 (83042411)	4.11022 (83042413)	3.75514 (83042413)	3.66835 (83042416)
100.0	5.05821 (83042414)	4.55276 (83042414)	4.18802 (83030111)	4.17619 (83030111)	4.06076 (83030111)
0.0	4.37848 (83042511)	4.31914 (83042511)	4.14941 (83042511)	3.99332 (83042512)	3.80111 (83042512)
-100.0	4.54922 (83032112)	4.48048 (83032112)	4.25790 (83032112)	4.20251 (83030113)	4.11419 (83030113)
-200.0	4.17773 (83030116)	3.17576 (83030116)	3.75686 (83030908)	4.20352 (83030908)	4.46336 (83030908)
-300.0	3.55029 (83020215)	3.20905 (83030116)	4.01970 (83030116)	4.20327 (83030116)	3.91464 (83030116)
-400.0	3.13150 (83031117)	3.89256 (83020215)	4.14063 (83020215)	3.44974 (83020215)	3.21967 (83030912)
-500.0	4.09043 (83032113)	4.14136 (83031117)	3.32426 (83031115)	3.60282 (83020215)	4.07428 (83020215)
-600.0	3.97194 (83032113)	4.09755 (83032113)	3.80980 (83031117)	4.02144 (83031117)	3.39901 (83031115)
-700.0	3.29390 (83011313)	3.42085 (83021113)	3.73382 (83032113)	3.36278 (83032113)	3.86358 (83031117)
-800.0	3.43335 (83083115)	3.30090 (83011313)	3.40365 (83021113)	3.30095 (83111612)	3.20150 (83072610)
-900.0	3.40461 (83021810)	3.41221 (83083115)	3.18601 (83011313)	3.24996 (83021113)	3.29443 (83111612)
-1000.0	3.20104 (83010314)	3.33994 (83021810)	3.29971 (83083115)	3.06672 (83083115)	3.09897 (83011313)
-1100.0	3.34629 (83011513)	3.15287 (83021111)	3.19809 (83021810)	3.13691 (83083115)	2.93853 (83083115)
-1200.0	3.06398 (83011513)	3.15609 (83011513)	3.02098 (83021111)	3.01667 (83021810)	2.95085 (83083115)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2 ***
 INCLUDING SOURCE(S): 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

*** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	-700.00	-600.00	-500.00	-400.00	-300.00
1200.0	14.40821 (83040120)	15.25847 (83122124)	12.23002 (83121406)	12.19719 (83122002)	12.49510 (83072102)
1100.0	15.77280 (83101305)	16.57002 (83010202)	13.56975 (83120521)	13.02593 (83120520)	13.07321 (83101204)
1000.0	16.80337 (83082021)	17.91272 (83040120)	18.77632 (83122124)	13.70192 (83052322)	13.10150 (83040122)
900.0	18.43628 (83040324)	19.65890 (83071323)	20.69942 (83010202)	15.90534 (83060806)	14.35609 (83122202)
800.0	19.55466 (83101122)	21.44537 (83082122)	20.75121 (83101305)	23.67471 (83122124)	14.92816 (83120520)
700.0	20.71316 (83100801)	23.53589 (83120221)	24.07535 (83082021)	26.84420 (83040321)	18.26872 (83060806)
600.0	19.64702 (83080304)	24.12577 (83100801)	28.19943 (83122121)	29.85703 (83071323)	32.72825 (83120521)
500.0	25.53613 (83013119)	27.42162 (83080304)	28.44715 (83100801)	33.59797 (83040324)	36.86094 (83040321)
400.0	27.35698 (83042202)	30.52965 (83101119)	33.84322 (83062902)	35.63370 (83100424)	41.63810 (83082122)
300.0	21.55176 (83100502)	29.06450 (83101123)	36.91224 (83030323)	40.83436 (83062201)	50.20446 (83100424)
200.0	30.48115 (83060321)	34.02898 (83112105)	29.68060 (83062006)	45.63205 (83101123)	55.54107 (83101119)
100.0	31.44721 (83061903)	34.54533 (83062102)	43.35364 (83062022)	48.11417 (83060223)	64.70424 (83112105)
0.0	24.82585 (83040407)	28.50481 (83040407)	33.10438 (83040407)	39.25473 (83061303)	56.66649 (83061303)
-100.0	26.10545 (83101323)	36.32580 (83101323)	23.75008 (83041223)	51.95816 (83101102)	35.27119 (83101605)
-200.0	20.50964 (83101102)	16.36205 (83091319)	40.98834 (83101605)	25.97924 (83091320)	41.61678 (83060423)
-300.0	26.45461 (83081822)	22.72414 (83091320)	19.26461 (83100203)	41.00822 (83060423)	21.46283 (83030801)
-400.0	15.84324 (83050124)	17.70728 (83120107)	27.99082 (83091305)	17.21276 (83071203)	13.83889 (83100204)
-500.0	19.67839 (83060423)	19.60042 (83091305)	15.19495 (83120920)	14.31234 (83061121)	16.75630 (83081708)
-600.0	12.99349 (83091305)	15.20598 (83101322)	14.11086 (83061121)	16.01673 (83050201)	14.60853 (83060306)
-700.0	14.33254 (83101322)	14.37648 (83110703)	15.25078 (83121001)	15.24646 (83101904)	15.56753 (83011502)
-800.0	13.80283 (83110703)	13.17716 (83100204)	12.50706 (83061521)	10.96833 (83042620)	12.30698 (83100521)
-900.0	8.89679 (83061121)	11.66007 (83050201)	14.04717 (83101904)	14.31803 (83012919)	12.47952 (83042621)
-1000.0	12.74935 (83121001)	11.53840 (83061521)	9.14401 (83042620)	13.47407 (83081223)	12.07845 (83061804)
-1100.0	10.24833 (83050201)	12.29392 (83101904)	12.41182 (83012919)	10.11280 (83042621)	10.80012 (83061804)
-1200.0	9.38150 (83061521)	8.02551 (83100202)	12.06883 (83011502)	10.37640 (83042621)	12.49053 (83081423)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2 ***
 INCLUDING SOURCE(S): 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-200.00	-100.00	X-COORD (METERS) 0.00	100.00	200.00
1200.0	12.34500 (83071821)	12.78571 (83012121)	12.86015 (83120504)	12.63651 (83052401)	12.34620 (83091522)
1100.0	13.16783 (83071821)	13.50281 (83012121)	13.58694 (83120504)	13.35502 (83052401)	13.19016 (83110905)
1000.0	13.97035 (83091403)	13.84257 (83070702)	14.25388 (83120504)	14.23286 (83110422)	13.67534 (83041604)
900.0	14.81779 (83012921)	14.89614 (83070702)	14.94314 (83120504)	14.74392 (83121822)	17.67598 (83111107)
800.0	15.19834 (83072102)	15.23523 (83052304)	15.15378 (83120504)	14.80448 (83120401)	25.22099 (83111107)
700.0	15.59018 (83040124)	15.81100 (83013020)	15.44286 (83031320)	16.05198 (83110920)	30.11031 (83111107)
600.0	15.37552 (83122823)	16.50886 (83052422)	17.07966 (83031320)	16.42014 (83092205)	24.88099 (83111107)
500.0	18.21535 (83080524)	17.20306 (83032721)	18.75546 (83031320)	30.30415 (83111107)	17.61800 (83021624)
400.0	47.37376 (83120521)	23.16639 (83111509)	23.18298 (83102017)	51.18213 (83111107)	21.54845 (83091308)
300.0	57.26259 (83101305)	38.82631 (83061307)	34.90156 (83102323)	32.85165 (83091407)	21.02994 (83101317)
200.0	73.85758 (83100424)	52.19389 (83021307)	57.39780 (83071807)	50.68201 (83092803)	67.39204 (83011005)
100.0	92.83518 (83101123)	138.06490 (83120221)	100.84410 (83060508)	111.70350 (83082723)	69.58174 (83072604)
0.0	92.84585 (83061303)	210.70380 (83101501)	60.50632 (83022415)	92.34802 (83080720)	48.22004 (83083007)
-100.0	49.91406 (83080408)	76.79218 (83070822)	90.39784 (83050423)	105.89470 (83070903)	78.17831 (83110801)
-200.0	38.24859 (83030801)	48.78838 (83101802)	53.86841 (83071107)	81.96257 (83121308)	67.88089 (83010702)
-300.0	30.72184 (83081708)	37.41458 (83110718)	35.79622 (83061207)	28.62679 (83082408)	55.61083 (83012204)
-400.0	23.82005 (83101802)	20.24160 (83122107)	27.04808 (83061207)	25.89299 (83011008)	45.24883 (83112524)
-500.0	17.19044 (83100521)	19.39774 (83122107)	20.30293 (83061207)	18.23965 (83112920)	30.44445 (83033006)
-600.0	17.39044 (83053122)	16.41373 (83121319)	15.59384 (83061207)	16.66355 (83061403)	15.62494 (83041106)
-700.0	15.33474 (83053122)	15.65509 (83121319)	15.38097 (83040405)	15.98988 (83011501)	15.38089 (83093003)
-800.0	15.00784 (83081423)	15.22198 (83100106)	15.02955 (83060521)	14.92056 (83061501)	15.34279 (83041207)
-900.0	14.70199 (83061523)	15.05549 (83010807)	14.79867 (83060521)	14.52027 (83061501)	14.35180 (83081601)
-1000.0	12.76749 (83072205)	13.86661 (83010807)	14.10557 (83060521)	12.89958 (83110624)	13.92438 (83111305)
-1100.0	11.03213 (83072205)	13.49088 (83031505)	13.44342 (83060521)	13.30307 (83082203)	13.28518 (83033002)
-1200.0	9.34192 (83090806)	12.72534 (83031505)	12.72527 (83060521)	12.49619 (83082203)	11.96358 (83033002)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2 ***
 INCLUDING SOURCE(S): 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

*** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	300.00	400.00	500.00	600.00	700.00
1200.0	16.36567 (83111107)	15.17986 (83111107)	11.68980 (83010904)	11.42403 (83071624)	11.49086 (83013104)
1100.0	19.87013 (83111107)	11.53677 (83111107)	12.10837 (83111022)	12.01769 (83121401)	11.82338 (83053024)
1000.0	21.39665 (83111107)	12.34873 (83012201)	12.66183 (83071624)	12.97853 (83102404)	9.93358 (83031322)
900.0	18.92657 (83111107)	12.97126 (83111022)	12.82014 (83013104)	12.78377 (83013101)	13.26389 (83031324)
800.0	15.31337 (83012201)	14.06109 (83111003)	14.45649 (83053024)	14.16036 (83120424)	13.76197 (83013103)
700.0	14.57136 (83010904)	15.55264 (83013104)	13.21236 (83031903)	14.64633 (83013103)	21.11145 (83082201)
600.0	16.28691 (83111003)	15.99914 (83031322)	15.44839 (83031006)	24.81173 (83082201)	21.81898 (83082723)
500.0	15.85362 (83092803)	16.41113 (83110922)	29.41847 (83082201)	26.55960 (83082723)	23.79054 (83041201)
400.0	18.03176 (83110501)	37.32006 (83022520)	32.89964 (83101603)	28.65938 (83012924)	25.93850 (83082803)
300.0	48.31977 (83022520)	37.99362 (83110604)	35.32701 (83050402)	30.37074 (83122001)	27.62279 (83041803)
200.0	55.46082 (83011507)	40.07077 (83122001)	38.24519 (83121306)	32.10057 (83091601)	28.94404 (83011006)
100.0	59.83720 (83110324)	49.08407 (83110505)	40.37037 (83121305)	34.32906 (83040104)	28.78500 (83053101)
0.0	30.68783 (83083007)	22.49312 (83011108)	18.50278 (83031206)	16.46098 (83110603)	15.76413 (83110603)
-100.0	56.42939 (83082403)	43.53349 (83042004)	32.68753 (83041806)	34.09737 (83041806)	32.17195 (83041806)
-200.0	54.58845 (83041206)	45.63603 (83110801)	37.64319 (83110406)	31.13883 (83082403)	29.00384 (83011622)
-300.0	47.19011 (83060923)	41.69822 (83011621)	35.29240 (83042101)	31.18449 (83110801)	27.61106 (83052706)
-400.0	41.20149 (83112122)	36.98240 (83060923)	33.08871 (83011702)	29.20985 (83041206)	25.78700 (83011623)
-500.0	35.51689 (83063005)	30.92823 (83012701)	29.71398 (83060923)	24.75741 (83111405)	21.76163 (83011621)
-600.0	31.62841 (83040403)	29.22830 (83031502)	26.63729 (83062605)	24.45713 (83060923)	22.73045 (83111405)
-700.0	26.76360 (83033006)	26.04972 (83060501)	23.99772 (83012204)	22.35398 (83062605)	20.54445 (83060923)
-800.0	15.10403 (83042105)	22.96230 (83040403)	22.20578 (83112523)	20.39687 (83112122)	19.40030 (83011722)
-900.0	14.16940 (83033007)	21.24072 (83033006)	20.22374 (83121308)	18.68207 (83033005)	17.43020 (83012701)
-1000.0	13.76229 (83041723)	12.84577 (83042105)	18.09290 (83060303)	17.26245 (83063005)	16.33063 (83012204)
-1100.0	13.21709 (83111204)	12.87917 (83093005)	16.80435 (83033006)	16.00189 (83112524)	15.43186 (83112523)
-1200.0	12.51400 (83041207)	12.23719 (83033007)	11.34677 (83042106)	14.81122 (83060303)	14.26393 (83060501)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2 ***
 INCLUDING SOURCE(S): 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	800.00	900.00	1000.00	1100.00	1200.00
1200.0	10.80225 (83013101)	10.45472 (83120424)	9.97404 (83061005)	9.95602 (83111505)	11.21070 (83082201)
1100.0	9.58365 (83120424)	11.19092 (83061005)	10.84195 (83111505)	12.29252 (83082201)	12.08371 (83011005)
1000.0	11.87840 (83031324)	11.68817 (83111505)	13.87159 (83082201)	12.96668 (83011005)	12.36441 (83082723)
900.0	12.35972 (83111505)	15.79366 (83082201)	14.78733 (83021002)	13.66238 (83082723)	12.95851 (83110604)
800.0	18.16156 (83082201)	16.93090 (83021002)	13.96881 (83101603)	13.90928 (83110604)	13.68957 (83110423)
700.0	18.27839 (83021002)	17.99886 (83101603)	16.52695 (83041201)	15.40091 (83012924)	14.08329 (83050402)
600.0	20.90788 (83110604)	19.10380 (83110423)	17.37639 (83050402)	16.12617 (83053021)	14.90151 (83122001)
500.0	22.25743 (83011507)	19.92838 (83053021)	18.35493 (83122001)	13.06416 (83072604)	15.48095 (83041803)
400.0	23.24987 (83122001)	17.34493 (83041803)	19.14995 (83121306)	16.99669 (83100602)	15.91668 (83091601)
300.0	22.71082 (83100602)	21.83644 (83091601)	19.77125 (83110324)	17.81210 (83011006)	15.59234 (83110505)
200.0	25.10461 (83110505)	22.70782 (83012620)	20.30239 (83041802)	18.35586 (83121305)	16.66808 (83040104)
100.0	25.54375 (83053101)	23.10790 (83111501)	20.38635 (83013107)	18.54935 (83013107)	16.18775 (83013107)
0.0	15.37153 (83011424)	14.89394 (83011424)	14.08845 (83011424)	13.38422 (83011424)	12.66496 (83011424)
-100.0	28.87919 (83041806)	25.30578 (83041806)	21.94455 (83041806)	18.97375 (83041806)	16.42443 (83041806)
-200.0	22.21283 (83042004)	22.10264 (83042004)	18.15316 (83041806)	19.47608 (83041806)	19.84064 (83041806)
-300.0	24.08881 (83032222)	20.67435 (83082403)	19.39368 (83062303)	16.57845 (83011622)	14.08802 (83042004)
-400.0	23.10778 (83110801)	20.88099 (83060505)	18.79992 (83110406)	17.38406 (83032222)	15.01017 (83082403)
-500.0	21.74696 (83012702)	20.00994 (83011623)	18.01368 (83110801)	16.57872 (83060505)	14.91244 (83110406)
-600.0	20.34163 (83011621)	18.77003 (83041206)	17.24117 (83042706)	15.80411 (83011721)	14.54718 (83110801)
-700.0	18.25729 (83111405)	17.42945 (83042623)	15.62248 (83091624)	15.31211 (83012702)	14.25831 (83042101)
-800.0	17.55079 (83060923)	15.37024 (83070903)	15.57665 (83011702)	14.48443 (83011621)	13.31926 (83041206)
-900.0	16.84922 (83011722)	15.34120 (83093004)	14.44438 (83070903)	12.29377 (83011702)	12.67984 (83042623)
-1000.0	15.66388 (83012701)	14.41558 (83011722)	13.62617 (83093004)	13.13105 (83070903)	12.19218 (83111405)
-1100.0	14.00727 (83012204)	12.78780 (83012701)	13.02666 (83010805)	12.20085 (83093004)	11.97048 (83070903)
-1200.0	13.58916 (83033005)	12.31286 (83112122)	11.66760 (83062605)	12.03499 (83010805)	11.23790 (83093004)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	-1200.00	-1100.00	-1000.00	-900.00	-800.00
1200.0	12.25982 (83100801)	13.05372 (83110421)	13.15633 (83122121)	13.70025 (83082122)	14.56074 (83071323)
1100.0	10.84658 (83033022)	13.18405 (83100801)	14.12094 (83110421)	14.79255 (83122121)	14.98719 (83082122)
1000.0	13.37212 (83080304)	10.97337 (83033022)	14.58424 (83100801)	15.28922 (83110421)	14.95091 (83122121)
900.0	13.96117 (83062201)	14.62328 (83080304)	11.12443 (83033022)	16.29864 (83100801)	17.86161 (83101122)
800.0	14.66090 (83101119)	15.38663 (83013119)	16.70780 (83062902)	11.66197 (83050822)	18.41913 (83100801)
700.0	14.79770 (83030323)	13.29246 (83101119)	16.65678 (83013119)	17.79531 (83062902)	13.98135 (83080304)
600.0	12.87072 (83101123)	17.11288 (83042123)	18.43827 (83030323)	20.15397 (83101119)	21.61110 (83062201)
500.0	8.43332 (83062006)	17.53556 (83100502)	16.05704 (83101123)	20.95572 (83042123)	18.21478 (83062823)
400.0	16.41743 (83112105)	13.04399 (83062006)	14.17839 (83062006)	20.46949 (83100502)	20.97402 (83101123)
300.0	15.37183 (83060223)	18.84793 (83060223)	20.81472 (83062801)	22.50793 (83112105)	20.61038 (83062006)
200.0	16.84346 (83062102)	19.29218 (83062102)	21.31833 (83062022)	18.49323 (83091924)	24.05703 (83060223)
100.0	17.54640 (83061902)	19.69747 (83061902)	21.28031 (83100103)	24.38684 (83100103)	24.70736 (83100103)
0.0	14.67617 (83040407)	16.07929 (83040407)	17.74110 (83040407)	19.72354 (83040407)	22.12225 (83040407)
-100.0	15.31801 (83101501)	14.34250 (83101501)	12.20918 (83101501)	11.99174 (83012208)	14.72773 (83012208)
-200.0	17.62287 (83101323)	18.05933 (83101323)	13.99929 (83101323)	15.03076 (83101102)	26.66597 (83101102)
-300.0	16.70701 (83101102)	17.57275 (83101102)	10.56679 (83101102)	9.99990 (83091319)	18.27586 (83101605)
-400.0	7.26324 (83102018)	9.70024 (83091319)	19.34921 (83101605)	21.94443 (83081822)	18.92182 (83091320)
-500.0	16.32401 (83101605)	17.73354 (83081822)	15.70445 (83091320)	13.31681 (83050124)	13.30592 (83100203)
-600.0	13.27750 (83091320)	10.53759 (83050124)	9.72181 (83102207)	12.72017 (83120107)	21.64097 (83060423)
-700.0	9.50287 (83050124)	10.03257 (83102207)	11.41682 (83120107)	17.71362 (83060423)	10.47271 (83061324)
-800.0	9.94414 (83120107)	12.18000 (83060423)	12.79170 (83060423)	9.21185 (83061324)	13.69516 (83101322)
-900.0	13.35492 (83060423)	11.54942 (83091305)	8.11173 (83061324)	12.69191 (83101322)	12.20454 (83110703)
-1000.0	10.43743 (83091305)	7.37606 (83061324)	11.73049 (83101322)	10.52274 (83071023)	9.67218 (83061121)
-1100.0	6.57516 (83061324)	10.85176 (83101322)	9.24411 (83071023)	8.93252 (83110703)	12.10202 (83100204)
-1200.0	10.06803 (83101322)	9.03105 (83101602)	10.01229 (83110703)	9.36546 (83100204)	10.09016 (83121001)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

 ** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	-700.00	-600.00	-500.00	-400.00	-300.00
1200.0	14.97905 (83040120)	15.79339 (83122124)	12.74322 (83121406)	12.69489 (83122002)	12.93942 (83072102)
1100.0	16.28980 (83101305)	17.05604 (83010202)	14.01663 (83120521)	13.44742 (83120520)	13.45912 (83101204)
1000.0	17.24934 (83082021)	18.33800 (83040120)	19.19649 (83122124)	14.09263 (83052322)	13.41650 (83040122)
900.0	18.85610 (83040324)	20.05700 (83071323)	21.06074 (83010202)	15.90534 (83060806)	14.65935 (83122202)
800.0	19.95005 (83101122)	21.80140 (83082122)	21.09128 (83101305)	23.99304 (83122124)	15.19248 (83120520)
700.0	21.07117 (83100801)	23.86521 (83120221)	24.34678 (83082021)	27.12334 (83040321)	18.26872 (83060806)
600.0	19.95001 (83080304)	24.41952 (83100801)	28.46790 (83122121)	30.10481 (83071323)	32.93998 (83120521)
500.0	25.83745 (83013119)	27.68891 (83080304)	28.68647 (83100801)	33.80015 (83040324)	37.03785 (83040321)
400.0	27.63388 (83042202)	30.77465 (83101119)	34.05814 (83062902)	35.80800 (83100424)	41.80906 (83082122)
300.0	21.78781 (83100502)	29.28271 (83101123)	37.10290 (83030323)	41.00092 (83062201)	50.34880 (83100424)
200.0	30.72154 (83060321)	34.22544 (83112105)	29.80992 (83062006)	45.78504 (83101123)	55.67408 (83101119)
100.0	31.67583 (83061903)	34.74485 (83062102)	43.51289 (83062022)	48.25837 (83060223)	64.82101 (83112105)
0.0	25.06016 (83040407)	28.70180 (83040407)	33.27039 (83040407)	39.33462 (83061303)	56.73692 (83061303)
-100.0	26.26750 (83101323)	36.50885 (83101323)	23.87200 (83041223)	52.08467 (83101102)	35.33512 (83101605)
-200.0	20.75265 (83101102)	16.58893 (83091319)	41.13713 (83101605)	26.13043 (83091320)	41.68437 (83060423)
-300.0	26.63284 (83081822)	22.94678 (83091320)	19.34155 (83100203)	41.15327 (83060423)	21.46305 (83030801)
-400.0	16.07852 (83050124)	17.70728 (83120107)	28.13582 (83091305)	17.30566 (83071203)	13.97198 (83100204)
-500.0	19.83749 (83060423)	19.82853 (83091305)	15.35767 (83120920)	14.46132 (83061121)	16.76679 (83081708)
-600.0	13.29081 (83091305)	15.45970 (83101322)	14.26150 (83061121)	16.17761 (83050201)	14.70818 (83060306)
-700.0	14.63894 (83101322)	14.67999 (83110703)	15.48239 (83121001)	15.45360 (83101904)	15.79550 (83011502)
-800.0	14.12441 (83110703)	13.42107 (83100204)	12.70518 (83061521)	11.21718 (83042620)	12.54832 (83100521)
-900.0	9.30064 (83061121)	11.92668 (83050201)	14.37344 (83101904)	14.63677 (83012919)	12.78531 (83042621)
-1000.0	13.15627 (83121001)	11.90823 (83061521)	9.51405 (83042620)	13.83895 (83081223)	12.34305 (83061804)
-1100.0	10.73246 (83050201)	12.75045 (83101904)	12.77207 (83012919)	10.38520 (83042621)	11.20759 (83061804)
-1200.0	9.92883 (83061521)	8.55125 (83100202)	12.55591 (83011502)	10.84653 (83042621)	12.91076 (83081423)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

*** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	-200.00	-100.00	0.00	100.00	200.00
1200.0	12.81231 (83071821)	13.23315 (83012121)	13.28570 (83120504)	13.03665 (83052401)	12.80553 (83091522)
1100.0	13.53657 (83071821)	13.87485 (83012121)	13.96919 (83120504)	13.74774 (83052401)	13.59461 (83110905)
1000.0	14.30380 (83091403)	14.20149 (83070702)	14.59594 (83120504)	14.55407 (83110422)	14.03595 (83041604)
900.0	15.10400 (83012921)	15.18246 (83070702)	15.24408 (83120504)	15.00259 (83121822)	17.67598 (83111107)
800.0	15.47332 (83072102)	15.49803 (83052304)	15.41754 (83120504)	15.05380 (83121822)	25.22099 (83111107)
700.0	15.80595 (83040124)	16.01274 (83013020)	15.58978 (83031320)	16.21825 (83110920)	30.11031 (83111107)
600.0	15.51428 (83122823)	16.66856 (83052422)	17.20067 (83031320)	16.57063 (83092205)	24.88099 (83111107)
500.0	18.33322 (83080524)	17.31996 (83032721)	18.85537 (83031320)	30.30415 (83111107)	17.71146 (83021624)
400.0	47.52628 (83120521)	23.16661 (83111509)	23.18316 (83102017)	51.18213 (83111107)	21.54941 (83091308)
300.0	57.39757 (83101305)	38.82631 (83061307)	34.90156 (83102323)	32.85165 (83091407)	21.02998 (83101317)
200.0	73.97833 (83100424)	52.19389 (83021307)	57.39780 (83071807)	50.68201 (83092803)	67.48312 (83011005)
100.0	92.94553 (83101123)	138.16380 (83120221)	100.84410 (83060508)	111.77660 (83082723)	69.64503 (83072604)
0.0	92.90950 (83061303)	210.71440 (83101501)	60.50632 (83022415)	92.34802 (83080720)	48.22004 (83083007)
-100.0	49.91406 (83080408)	76.79218 (83070822)	90.39784 (83050423)	105.99500 (83070903)	78.28556 (83110801)
-200.0	38.24859 (83030801)	48.78838 (83101802)	53.86841 (83071107)	82.06806 (83121308)	67.99948 (83010702)
-300.0	30.72185 (83081708)	37.41458 (83110718)	35.79622 (83061207)	28.62679 (83082408)	55.73836 (83012204)
-400.0	23.82005 (83101802)	20.24168 (83122107)	27.04808 (83061207)	25.89299 (83011008)	45.38567 (83112524)
-500.0	17.29080 (83100521)	19.39978 (83122107)	20.30293 (83061207)	18.34698 (83112920)	30.57094 (83033006)
-600.0	17.40504 (83053122)	16.53078 (83121319)	15.59384 (83061207)	16.81671 (83061403)	15.81859 (83041106)
-700.0	15.37369 (83053122)	15.84592 (83121319)	15.56857 (83040405)	16.16108 (83011501)	15.61811 (83093003)
-800.0	15.26581 (83081423)	15.47358 (83100106)	15.28659 (83060521)	15.18640 (83061501)	15.61614 (83041207)
-900.0	14.96518 (83061523)	15.33075 (83010807)	15.09192 (83060521)	14.78160 (83061501)	14.63344 (83081601)
-1000.0	13.11798 (83061523)	14.21684 (83010807)	14.43933 (83060521)	13.25518 (83082203)	14.28877 (83111305)
-1100.0	11.42720 (83072205)	13.85066 (83031505)	13.81696 (83060521)	13.69247 (83082203)	13.69176 (83033002)
-1200.0	9.77966 (83090806)	13.16135 (83031505)	13.14127 (83060521)	12.89529 (83082203)	12.34346 (83033002)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-1200.00	-1100.00	X-COORD (METERS) -1000.00	-900.00	-800.00
1200.0	2.21266 (83020116)	2.19023 (83020116)	1.71583 (83040716)	1.61021 (83040716)	1.55989 (83020124)
1100.0	1.82385 (83051516)	2.22880 (83020116)	2.15594 (83020116)	1.75111 (83040716)	1.61917 (83040716)
1000.0	1.72023 (83051516)	1.91940 (83051516)	2.21823 (83020116)	2.07946 (83020116)	1.76735 (83040716)
900.0	1.62422 (83062016)	1.75936 (83051516)	1.99713 (83051516)	2.17105 (83020116)	1.94868 (83020116)
800.0	2.14181 (83062016)	1.85333 (83062016)	1.76502 (83051516)	2.03940 (83051516)	2.07520 (83020116)
700.0	2.35128 (83062016)	2.32611 (83062016)	2.06728 (83062016)	1.72003 (83090416)	2.01944 (83051516)
600.0	2.03199 (83062016)	2.30708 (83062016)	2.40012 (83062016)	2.21293 (83062016)	1.74276 (83062016)
500.0	1.40275 (83080116)	1.70082 (83062016)	2.05562 (83062016)	2.27460 (83062016)	2.20272 (83062016)
400.0	1.27216 (83080116)	1.39667 (83080116)	1.44827 (83080116)	1.57735 (83062016)	1.87206 (83062016)
300.0	1.49253 (83041316)	1.27861 (83041316)	1.16557 (83080116)	1.27307 (83080116)	1.30604 (83080116)
200.0	1.56473 (83050116)	1.62462 (83041316)	1.62467 (83041316)	1.49513 (83041316)	1.22623 (83041316)
100.0	1.76476 (83012008)	1.70349 (83012008)	1.59503 (83012008)	1.49097 (83050116)	1.40196 (83050116)
0.0	1.99376 (83012008)	2.03243 (83012008)	2.05395 (83012008)	2.03190 (83012008)	2.12376 (83012008)
-100.0	2.90228 (83012016)	3.10536 (83012016)	3.29868 (83012016)	3.45780 (83012016)	3.79803 (83012016)
-200.0	2.80606 (83012016)	2.67386 (83012016)	2.40609 (83012016)	2.28787 (83012024)	2.05526 (83012024)
-300.0	1.94337 (83012024)	1.87529 (83022624)	1.95651 (83022624)	1.79702 (83022624)	1.70020 (83022716)
-400.0	1.73124 (83022624)	1.64853 (83022716)	1.92431 (83022716)	1.81580 (83022716)	1.63996 (83051116)
-500.0	1.87539 (83022716)	1.70337 (83022716)	1.68385 (83051116)	1.95820 (83050616)	2.12393 (83050616)
-600.0	1.59133 (83051116)	1.89028 (83050616)	2.18114 (83050616)	2.18717 (83050616)	1.98727 (83092424)
-700.0	2.02626 (83050616)	2.18318 (83050616)	2.17194 (83092424)	1.99738 (83092424)	1.57985 (83100116)
-800.0	2.07372 (83092424)	2.17988 (83092424)	1.95639 (83092424)	1.74298 (83100116)	1.74246 (83100116)
-900.0	2.11570 (83092424)	1.89328 (83092424)	1.83114 (83100116)	1.82711 (83100116)	1.64766 (83092516)
-1000.0	1.81852 (83092424)	1.86154 (83100116)	1.85360 (83100116)	1.63244 (83092516)	1.66576 (83061716)
-1100.0	1.85069 (83100116)	1.83879 (83100116)	1.59914 (83092516)	1.63221 (83061716)	1.57333 (83061716)
-1200.0	1.79645 (83100116)	1.57863 (83100116)	1.58215 (83092516)	1.60658 (83061716)	1.26128 (83061716)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

 ** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	-200.00	-100.00	0.00	100.00	200.00
1200.0	1.67856 (83060616)	1.33169 (83122816)	1.34797 (83032716)	1.27557 (83082516)	0.95137 (83091416)
1100.0	1.72868 (83060616)	1.26711 (83122816)	1.37901 (83032716)	1.24920 (83082516)	1.02791 (83091416)
1000.0	1.71077 (83060616)	1.26634 (83082516)	1.39882 (83032716)	1.19587 (83082516)	1.08640 (83091416)
900.0	1.58754 (83060616)	1.28352 (83082516)	1.37550 (83032716)	1.09942 (83082516)	1.11203 (83091416)
800.0	1.34144 (83060616)	1.26611 (83082516)	1.32011 (83032716)	0.96398 (83082516)	1.08785 (83091416)
700.0	0.98538 (83060616)	1.19081 (83082516)	1.22411 (83032716)	0.78928 (83082516)	1.10210 (83031724)
600.0	0.89255c(83082016)	0.98593 (83082516)	1.00880 (83032716)	0.57933 (83091416)	1.14962 (83031724)
500.0	0.76539c(83082016)	0.65030 (83082516)	0.71930 (83032716)	0.35658 (83091416)	0.93763 (83031724)
400.0	0.45268 (83040916)	0.26290 (83082516)	0.38630 (83032716)	0.23320 (83031724)	0.50694 (83053116)
300.0	0.18554 (83040916)	0.04482 (83071424)	0.10200 (83032716)	0.80720 (83031724)	0.11405 (83053116)
200.0	0.04456 (83063024)	0.05989c(83120524)	0.05169c(83080624)	0.83097 (83031724)	0.04325 (83031324)
100.0	0.04689c(83062008)	0.04272 (83063024)	0.01585c(83080624)	0.06013 (83032416)	2.15658 (83032416)
0.0	5.94722 (83012008)	9.09859 (83012016)	0.00000 (0)	4.15645 (83030116)	2.48154 (83042416)
-100.0	3.88667 (83022716)	1.94854 (83092508)	0.00365c(83061508)	0.12523 (83031124)	1.22791 (83020216)
-200.0	1.10452 (83092508)	0.09532 (83103124)	0.04995c(83061508)	0.06270 (83033008)	0.05365c(83010708)
-300.0	0.63957 (83103124)	0.03042c(83081224)	0.05843c(83061508)	0.05612c(83093008)	0.04847 (83041716)
-400.0	0.25428c(83081716)	0.18565c(83081716)	0.13735 (83041716)	0.22193 (83041716)	0.24914 (83041716)
-500.0	0.59207c(83081716)	0.56182c(83081716)	0.33629 (83041716)	0.49029 (83041716)	0.53696 (83050516)
-600.0	0.88374c(83081716)	0.87056c(83081716)	0.60572 (83061616)	0.70455 (83041716)	0.71142 (83050516)
-700.0	0.99443c(83081716)	0.96282c(83081716)	0.84869 (83061616)	0.84813 (83041716)	0.68969 (83050516)
-800.0	0.98068c(83081716)	0.95741 (83061616)	0.97300 (83061616)	0.91185 (83041716)	0.72731 (83123116)
-900.0	0.92261c(83081716)	1.08565 (83061616)	1.04136 (83061616)	0.94250 (83041716)	0.90810 (83123116)
-1000.0	0.85331c(83081716)	1.16418 (83061616)	1.07098 (83061616)	0.95374 (83041716)	1.05259 (83123116)
-1100.0	0.85821 (83061616)	1.20207 (83061616)	1.07257 (83061616)	0.94208 (83041716)	1.12362 (83123116)
-1200.0	0.92690 (83061616)	1.24551 (83092616)	1.07042 (83092616)	1.00121 (83111416)	1.16251 (83123116)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	300.00	400.00	500.00	600.00	700.00
1200.0	1.15679 (83031724)	2.50048 (83031724)	2.03196 (83031724)	0.96627 (83031724)	1.07902 (83053116)
1100.0	1.54485 (83031724)	2.49396 (83031724)	1.48632 (83031724)	1.09627 (83053116)	1.14657 (83053116)
1000.0	1.93020 (83031724)	2.15329 (83031724)	1.07983 (83053116)	1.23139 (83053116)	1.11742 (83053116)
900.0	2.12841 (83031724)	1.54087 (83031724)	1.28820 (83053116)	1.26266 (83053116)	1.05554 (83031416)
800.0	1.92255 (83031724)	1.29286 (83053116)	1.39956 (83053116)	1.14482 (83053116)	1.12150 (83031416)
700.0	1.38338 (83031724)	1.48923 (83053116)	1.32661 (83053116)	0.97173 (83031416)	0.99056 (83042016)
600.0	1.41064 (83053116)	1.46623 (83053116)	1.04444 (83053116)	0.90215 (83042016)	0.94063 (83111016)
500.0	1.28178 (83053116)	1.09268 (83053116)	0.72774 (83042016)	0.84633 (83032416)	1.11170 (83032416)
400.0	0.69114 (83053116)	0.50423 (83053116)	0.85294 (83032416)	1.17812 (83032416)	1.11616 (83032416)
300.0	0.15805 (83032416)	0.86858 (83032416)	1.16844 (83032416)	0.98486 (83032416)	1.02896 (83032416)
200.0	1.11322 (83032416)	1.21667 (83032416)	1.16646 (83032416)	1.03721 (83032416)	1.49096 (83042416)
100.0	1.94341 (83032416)	1.93399 (83042416)	2.33606 (83042416)	2.40605 (83042416)	2.30042 (83042416)
0.0	1.70598 (83042416)	1.39931 (83042416)	1.29081 (83042416)	1.42816 (83042516)	1.72014 (83042516)
-100.0	1.05295 (83030116)	1.12277 (83030116)	1.07584 (83030116)	1.09944 (83030116)	1.47043 (83042516)
-200.0	0.71023 (83031124)	0.59066 (83031124)	0.64753 (83020216)	0.62857 (83030916)	0.90704 (83030916)
-300.0	0.09636 (83082816)	0.33295 (83032116)	0.65056 (83031124)	0.55931 (83031116)	0.81780 (83031116)
-400.0	0.37779 (83082816)	0.38128 (83072416)	0.42600 (83072416)	0.55705 (83032116)	0.75126 (83122416)
-500.0	0.61966 (83082816)	0.64844 (83082816)	0.74371 (83020816)	0.61395 (83072416)	0.74295 (83031216)
-600.0	0.79251 (83050516)	0.75530 (83082816)	0.74404 (83020816)	1.02591 (83020816)	0.85658 (83020816)
-700.0	0.86809 (83050516)	0.84242 (83041716)	0.69957 (83030316)	0.98818 (83020816)	1.24309 (83020816)
-800.0	0.82217 (83050516)	0.92578 (83041716)	0.84707 (83111616)	0.81616 (83020416)	1.17259 (83020816)
-900.0	0.83854 (83032516)	0.84834 (83041716)	0.88939 (83041716)	0.98869 (83111616)	0.97886 (83020416)
-1000.0	0.85133 (83123116)	0.87668 (83011816)	0.90680 (83123108)	0.96823 (83111616)	1.00442 (83111616)
-1100.0	0.97886 (83123116)	0.90915 (83011816)	0.82092 (83102616)	0.91966 (83123108)	1.09423 (83111616)
-1200.0	1.06922 (83123116)	0.88826 (83011816)	0.89210 (83011816)	1.00723 (83123108)	0.97667 (83111616)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	800.00	900.00	X-COORD (METERS) 1000.00	1100.00	1200.00
1200.0	1.04972 (83053116)	1.10963 (83031416)	1.26804 (83031416)	1.24405 (83031416)	1.04296 (83031416)
1100.0	1.02367 (83031416)	1.24067 (83031416)	1.26349 (83031416)	1.06774 (83031416)	1.10619 (83111016)
1000.0	1.17267 (83031416)	1.25669 (83031416)	1.07615 (83031416)	1.12777 (83111016)	1.27433 (83022816)
900.0	1.21322 (83031416)	1.07684 (83111016)	1.13246 (83111016)	1.29992 (83022816)	1.35494 (83031816)
800.0	1.05238 (83111016)	1.11096 (83111016)	1.29339 (83022816)	1.34776 (83031816)	1.36015 (83031816)
700.0	1.05157 (83111016)	1.23682 (83022816)	1.28761 (83031816)	1.27097 (83031816)	1.21909 (83031816)
600.0	1.10805 (83022816)	1.17030 (83031816)	1.15029 (83031816)	1.08335 (83031816)	0.98152 (83032416)
500.0	1.14566 (83032416)	1.02891 (83032416)	1.01349 (83032416)	1.04893 (83032416)	1.05929 (83110516)
400.0	0.99614 (83032416)	1.04673 (83032416)	1.03772 (83032416)	1.06595 (83110516)	1.02558 (83110516)
300.0	0.98363 (83032416)	0.94105 (83032424)	1.18931 (83042416)	1.46325 (83042416)	1.66244 (83042416)
200.0	1.93711 (83042416)	2.20537 (83042416)	2.29195 (83042416)	2.22469 (83042416)	2.07844 (83042416)
100.0	2.14998 (83042416)	1.93459 (83042416)	1.70682 (83042416)	1.48256 (83042416)	1.34876 (83030116)
0.0	1.82720 (83042516)	1.84658 (83042516)	1.80972 (83042516)	1.73895 (83042516)	1.65013 (83042516)
-100.0	1.70395 (83042516)	1.82754 (83042516)	1.86631 (83042516)	1.84150 (83042516)	1.78056 (83042516)
-200.0	1.00945 (83030916)	1.04276 (83030916)	1.16959 (83042516)	1.29326 (83042516)	1.36194 (83042516)
-300.0	1.10093 (83030916)	1.32336 (83030916)	1.44234 (83030916)	1.47461 (83030916)	1.44678 (83030916)
-400.0	0.94760 (83031116)	1.19624 (83031116)	1.23453 (83030916)	1.44825 (83030916)	1.57259 (83030916)
-500.0	0.78498 (83122416)	1.09118 (83122416)	1.14565 (83122416)	1.31804 (83031116)	1.26544 (83031116)
-600.0	0.89460 (83031216)	0.99522 (83031216)	1.03372 (83122416)	1.23028 (83122416)	1.23869 (83122416)
-700.0	1.06234 (83020816)	0.91644 (83031216)	1.12124 (83031216)	1.03459 (83031216)	1.16185 (83122416)
-800.0	1.38295 (83020816)	1.20499 (83020816)	0.97573 (83011216)	1.16722 (83031216)	1.17860 (83031216)
-900.0	1.28991 (83020816)	1.45896 (83020816)	1.29384 (83020816)	1.06302 (83011216)	1.15677 (83031216)
-1000.0	1.09330 (83020416)	1.35121 (83020816)	1.48616 (83020816)	1.33862 (83020816)	1.10793 (83011216)
-1100.0	0.98707 (83020416)	1.16445 (83020416)	1.37004 (83020816)	1.47860 (83020816)	1.35027 (83020816)
-1200.0	1.12869 (83111616)	1.06755 (83020416)	1.20806 (83123108)	1.35923 (83020816)	1.44794 (83020816)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2
 INCLUDING SOURCE(S): 11 , ***

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-1200.00	-1100.00	-1000.00	-900.00	-800.00
1200.0	2.27146c(83062208)	4.04110 (83063024)	2.08476c(83122124)	1.91102c(83070424)	2.04759 (83060324)
1100.0	1.85848 (83050824)	2.48857c(83062208)	4.31528 (83063024)	2.36744c(83122124)	2.07882c(83070424)
1000.0	2.52659c(83080308)	2.04974 (83050824)	2.84691 (83063024)	4.62065 (83063024)	2.46863 (83070224)
900.0	3.26946 (83013124)	3.03054c(83080308)	2.32121 (83050824)	3.33895 (83063024)	4.79066 (83063024)
800.0	2.25247 (83062824)	3.59335 (83013124)	3.56279c(83080308)	2.63617 (83050824)	3.98216 (83063024)
700.0	3.64241 (83092008)	2.83930 (83062824)	3.46624 (83013124)	4.09724 (83013124)	2.99482 (83050824)
600.0	3.09776c(83062008)	4.52434c(83062008)	3.71989 (83092008)	3.21900 (83062824)	5.28437 (83013124)
500.0	1.78332c(83062008)	2.84560c(83100508)	3.94724c(83062008)	5.70518c(83062008)	4.23170 (83062824)
400.0	2.91157 (83062808)	2.22955c(83062008)	2.70807c(83062008)	3.35389c(83100508)	5.26248c(83062008)
300.0	2.48511c(83060224)	3.07296c(83060224)	4.89619 (83062808)	4.15676 (83062808)	3.73233c(83062008)
200.0	3.27368c(83061908)	2.96979c(83061908)	3.35046 (83062024)	3.63407 (83062024)	3.96285c(83060224)
100.0	3.46814c(83061908)	4.23922c(83061908)	5.15150c(83061908)	6.19154c(83061908)	7.27454c(83061908)
0.0	2.37217c(83040408)	2.62492c(83101008)	2.93691c(83101008)	3.31904c(83101008)	3.73622c(83101008)
-100.0	2.17702 (83101508)	2.09362 (83101508)	2.02359 (83010824)	2.60850 (83010824)	3.27583 (83010824)
-200.0	2.45659c(83101324)	2.52075c(83101324)	2.46536c(83071308)	2.88287 (83102008)	3.92886 (83102008)
-300.0	2.42652 (83102008)	2.70570 (83102008)	2.55380 (83102008)	2.06049 (83102008)	2.68233 (83042724)
-400.0	1.36919 (83102008)	1.70620 (83042724)	2.37948 (83101608)	3.77444c(83091324)	3.29473c(83091324)
-500.0	1.98025 (83101608)	3.09631c(83091324)	2.70139c(83091324)	2.41421c(83102108)	3.01317c(83102108)
-600.0	2.24753c(83091324)	1.70381c(83102108)	2.34886c(83102108)	2.20638c(83102108)	2.66798 (83060424)
-700.0	1.80965c(83102108)	1.96915c(83102108)	1.94311 (83120108)	2.16200 (83060424)	2.74162 (83061324)
-800.0	1.58285 (83120108)	1.68822 (83120108)	1.99199c(83091308)	2.36737 (83061324)	1.91985c(83120924)
-900.0	1.60628 (83060424)	1.83829c(83091308)	2.05087 (83061324)	1.75301c(83101324)	1.98014c(83110708)
-1000.0	1.62956c(83091308)	1.81005 (83061324)	1.60624c(83101324)	1.67962c(83120924)	1.43708c(83061024)
-1100.0	1.58513 (83061324)	1.47045c(83101324)	1.56917c(83120924)	1.52954c(83061024)	1.94080c(83100208)
-1200.0	1.34745c(83101324)	1.44403c(83120924)	1.55725c(83110708)	1.49744c(83100208)	1.18676 (83121008)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2
 INCLUDING SOURCE(S): 11

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-200.00	-100.00	0.00	100.00	200.00
1200.0	2.02301c(83092108)	3.41154c(83080624)	3.40877 (83122908)	2.74114c(83110908)	4.21524 (83120408)
1100.0	2.03028 (83121424)	3.59051c(83080624)	3.80344 (83122908)	2.70523c(83080624)	3.13417 (83120408)
1000.0	2.67893 (83101224)	3.65858c(83080624)	4.26851 (83122908)	4.15213 (83120408)	4.05057c(83080808)
900.0	3.56304 (83101224)	3.56484c(83080624)	4.78007 (83122908)	6.09213 (83120408)	4.82078c(83090108)
800.0	3.62890c(83012708)	3.32791 (83060724)	5.45006 (83122908)	7.94340 (83120408)	5.13351c(83090108)
700.0	3.87468 (83040124)	3.98129 (83060724)	6.23562 (83122908)	8.10531 (83120408)	5.59453 (83111108)
600.0	3.43543 (83040208)	4.46067 (83060724)	7.12233 (83122908)	5.42405 (83120408)	5.41393 (83111108)
500.0	5.66047 (83080524)	4.20505 (83060724)	8.13732 (83122908)	6.43090c(83090108)	4.20938 (83020308)
400.0	15.27081c(83120524)	5.04654 (83060824)	8.84249 (83122908)	8.73335 (83111108)	4.44297 (83111524)
300.0	9.54378c(83101308)	7.83124 (83111516)	13.10550 (83011024)	6.41897 (83111108)	4.95090 (83021108)
200.0	25.23227 (83063024)	13.54530 (83041516)	21.60993 (83011024)	9.82713 (83021708)	11.23201c(83011008)
100.0	26.28169c(83062008)	33.96006c(83040324)	40.50703 (83090308)	20.78396 (83082908)	14.46072 (83031924)
0.0	14.61502 (83101508)	46.89873 (83101508)	13.59036 (83042516)	18.52711 (83121224)	9.48041c(83030308)
-100.0	14.02324c(83102108)	20.05860 (83061716)	28.55956 (83121524)	29.40414c(83010708)	18.52442c(83070108)
-200.0	9.25953 (83110324)	9.15497 (83092624)	12.49283 (83050424)	19.04172 (83033008)	17.74993c(83010708)
-300.0	5.12031c(83081708)	6.23576c(83110724)	8.28866c(83061208)	8.35418c(83082408)	14.02574c(83012208)
-400.0	3.47289c(83101808)	4.34563 (83063008)	7.11901c(83061208)	5.73660c(83062408)	12.11207 (83033008)
-500.0	3.91079c(83100524)	3.30262 (83061624)	5.82263c(83061208)	5.49941c(83081608)	9.26127c(83082408)
-600.0	2.97886c(83042024)	3.34002c(83121324)	5.05446c(83081608)	5.46203c(83072808)	4.15688c(83062408)
-700.0	3.91562 (83061524)	3.46467c(83121324)	4.56646c(83081608)	4.63619c(83072808)	4.64592c(83062408)
-800.0	4.11315 (83061524)	3.44407c(83061508)	4.43591c(83040408)	4.60917c(83061508)	3.67266c(83081608)
-900.0	3.46122 (83061524)	3.77067c(83061508)	4.23998c(83040408)	3.86273c(83061508)	4.80604c(83081608)
-1000.0	2.58046 (83061524)	3.81364c(83061508)	3.98184c(83040408)	2.99039c(83061508)	4.23208c(83081608)
-1100.0	1.84054c(83072208)	3.72950c(83061508)	3.73388c(83040408)	2.28428c(83061508)	3.39166c(83072808)
-1200.0	1.52216c(83121324)	3.56496c(83061508)	3.48770c(83040408)	2.23317c(83111208)	3.02665c(83072808)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2
 INCLUDING SOURCE(S): 11

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	300.00	400.00	500.00	600.00	700.00
1200.0	3.80587c(83090108)	3.05484 (83111108)	1.94830c(83010908)	2.09860 (83020308)	1.86488 (83013108)
1100.0	3.57245c(83090108)	2.63852 (83111108)	2.76160 (83020308)	2.00295c(83121408)	2.82855 (83011108)
1000.0	3.96775 (83111108)	2.40966 (83021624)	2.46269 (83020308)	2.36433 (83013108)	2.40657 (83021108)
900.0	3.98064 (83111108)	3.28347 (83020308)	2.29290 (83111108)	3.18542 (83011108)	4.14068c(83110508)
800.0	3.17444 (83021624)	2.87619 (83111524)	3.35295 (83011108)	4.20327c(83072308)	3.47388c(83081208)
700.0	3.84959 (83020308)	2.95604 (83111108)	3.37197c(83072308)	3.69452c(83081208)	3.51858c(83082208)
600.0	3.61233 (83111524)	3.87756 (83021108)	3.75346c(83081208)	4.13529c(83082208)	3.37835 (83120624)
500.0	3.67268 (83091508)	4.99703c(83031408)	4.90308c(83082208)	4.60637 (83120624)	4.02451c(83082808)
400.0	5.79242c(83031408)	5.80564c(83082208)	6.24986 (83082908)	4.77656c(83012924)	4.44860c(83082808)
300.0	7.75006 (83082908)	8.16147 (83082908)	6.32806c(83082808)	5.90463c(83031408)	4.59234c(83112208)
200.0	9.15514c(83082808)	8.19405c(83031408)	6.68189c(83112908)	7.03489c(83112908)	4.92463c(83011008)
100.0	12.44184c(83112908)	10.69438c(83100508)	6.67315c(83071608)	8.06908c(83111508)	7.51707c(83111508)
0.0	5.87129 (83031208)	5.19539c(83090608)	5.37698c(83090608)	4.97355c(83090608)	4.68893c(83090608)
-100.0	11.67613c(83042008)	13.80742c(83042008)	10.76252c(83042008)	7.78150c(83042008)	5.42722c(83042008)
-200.0	10.80478 (83020908)	10.40429c(83070108)	10.77706 (83110408)	6.40048c(83042008)	6.39631c(83042008)
-300.0	11.52853c(83010708)	6.99520c(83032308)	6.56479 (83020908)	7.00628c(83070108)	7.20768 (83110408)
-400.0	6.59573c(83012708)	8.12018c(83010708)	6.36855c(83111224)	5.30762 (83020908)	4.68915 (83110624)
-500.0	7.10843 (83063008)	6.25157 (83120808)	6.06304c(83010708)	4.92088 (83052708)	3.93694 (83020908)
-600.0	8.18295 (83033008)	7.03191c(83012208)	5.93884 (83120808)	4.78207c(83010708)	3.68016 (83052708)
-700.0	7.88621c(83082408)	5.29662 (83033008)	6.22787c(83012208)	5.32515 (83120808)	3.85893c(83010708)
-800.0	4.22199c(83012608)	5.89560 (83033008)	4.36028 (83063008)	3.79606c(83012208)	4.66352 (83120808)
-900.0	3.30466c(83062408)	6.31771c(83082408)	4.52434 (83033008)	4.26532c(83012208)	2.90503c(83012708)
-1000.0	3.64291c(83062408)	3.95093c(83042108)	4.47394 (83033008)	3.04549 (83033008)	4.47311c(83012208)
-1100.0	2.59726c(83093008)	2.97552c(83093008)	5.06953c(83082408)	3.78442 (83033008)	2.96547 (83063008)
-1200.0	3.21467c(83081608)	2.68980c(83062408)	3.45705c(83042108)	3.52890 (83033008)	2.72319 (83033008)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	300.00	400.00	500.00	600.00	700.00
1200.0	4.06821c(83090108)	3.26360 (83111108)	2.44654 (83031724)	2.30224 (83020308)	1.94951 (83111108)
1100.0	3.82392c(83090108)	3.23184 (83031724)	2.86738 (83020308)	2.08336c(83121408)	2.92775 (83011108)
1000.0	4.10509 (83111108)	2.78974 (83031724)	2.61660 (83020308)	2.44080 (83013108)	2.60585 (83021108)
900.0	4.11768 (83111108)	3.35019 (83020308)	2.43580 (83111108)	3.28582 (83011108)	4.25940c(83110508)
800.0	3.27603 (83021624)	2.98395 (83020308)	3.41457 (83011108)	4.28855c(83072308)	3.62432c(83081208)
700.0	3.88763 (83020308)	3.06036 (83111108)	3.46653c(83080924)	3.81893c(83081208)	3.57023c(83082208)
600.0	3.65580 (83111524)	3.94747 (83021108)	3.84966c(83081208)	4.17810c(83082208)	3.52655 (83120624)
500.0	3.69618 (83091508)	5.02386c(83031408)	4.93842c(83082208)	4.74176 (83120624)	4.10611 (83082908)
400.0	5.80290c(83031408)	5.83379c(83082208)	6.32224 (83082908)	4.80682c(83012924)	4.50769c(83082808)
300.0	7.76952 (83082908)	8.22712 (83082908)	6.37615c(83082808)	6.03118c(83031408)	4.62773c(83112208)
200.0	9.18741c(83082808)	8.26665c(83031408)	6.71551c(83112908)	7.11538c(83112908)	5.00773c(83112908)
100.0	12.49057c(83112908)	10.73125c(83100508)	6.69836c(83071608)	8.11394c(83111508)	7.58192c(83111508)
0.0	5.88688 (83031208)	5.23446c(83090608)	5.42109c(83090608)	5.02471c(83090608)	4.74937c(83090608)
-100.0	11.73823c(83042008)	13.86506c(83042008)	10.81167c(83042008)	7.82370c(83042008)	5.46291c(83042008)
-200.0	10.85162 (83020908)	10.44514c(83070108)	10.83878 (83110408)	6.48226c(83042008)	6.48505c(83042008)
-300.0	11.59124c(83010708)	7.02393c(83032308)	6.62952 (83020908)	7.06579c(83070108)	7.29912 (83110408)
-400.0	6.62132c(83012708)	8.19571c(83010708)	6.41064c(83111224)	5.37989 (83020908)	4.74675 (83110624)
-500.0	7.14628 (83063008)	6.32613 (83120808)	6.15572c(83010708)	5.01058 (83052708)	4.01171 (83020908)
-600.0	8.26305 (83033008)	7.09819c(83012208)	6.04251 (83120808)	4.89486c(83010708)	3.80205 (83052708)
-700.0	7.95876c(83082408)	5.38210 (83033008)	6.32058c(83012208)	5.46283 (83120808)	3.99583c(83010708)
-800.0	4.30531c(83012608)	5.99757 (83033008)	4.43190 (83063008)	3.88759c(83012208)	4.83818 (83120808)
-900.0	3.58260c(83062408)	6.42687c(83082408)	4.63843 (83033008)	4.36842c(83012208)	2.97217c(83012708)
-1000.0	3.98570c(83062408)	4.06919c(83042108)	4.60201 (83033008)	3.15580 (83033008)	4.62349c(83012208)
-1100.0	2.81995c(83062408)	3.10994c(83093008)	5.21945c(83082408)	3.92811 (83033008)	3.07875 (83063008)
-1200.0	3.37567c(83081608)	3.16777c(83062408)	3.61386c(83042108)	3.68612 (83033008)	2.87253 (83033008)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

*** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	800.00	900.00	1000.00	1100.00	1200.00
1200.0	2.84250 (83011108)	3.00825c(83072308)	2.53036c(83110508)	2.59341c(83081208)	1.97499c(83082208)
1100.0	2.52790c(83072308)	3.17504c(83110508)	2.83128c(83081208)	2.14243c(83082208)	2.12677c(83011008)
1000.0	3.83349c(83110508)	3.09242c(83081208)	2.39365c(83082208)	2.26290c(83011008)	2.33288 (83120624)
900.0	3.36544c(83081208)	2.70298c(83082208)	2.53223c(83060408)	2.74892 (83120624)	2.92294 (83082908)
800.0	3.08762c(83082208)	2.88156c(83060408)	3.18547 (83120624)	2.97359 (83082908)	2.37187c(83110424)
700.0	3.09659c(83060408)	3.58139 (83082908)	2.87287c(83082808)	2.64868c(83012924)	2.50359c(83082808)
600.0	4.34433 (83082908)	3.24484c(83110424)	2.86406c(83082808)	2.78203c(83031408)	3.32335c(83031408)
500.0	3.73524c(83070608)	3.24548c(83082808)	3.89895c(83031408)	2.77745c(83031408)	2.65495c(83112208)
400.0	4.76332c(83031408)	2.94576c(83031408)	3.23342c(83081308)	3.75851c(83112908)	3.61530c(83112908)
300.0	4.92931c(83112908)	4.83969c(83112908)	3.73655c(83112908)	3.07668c(83011008)	3.10875c(83100508)
200.0	5.07744c(83100508)	4.62406c(83100508)	3.43738c(83042708)	3.21868c(83111508)	3.62139c(83111508)
100.0	6.32969c(83111508)	5.26904c(83091208)	5.44159c(83091208)	5.27761c(83091208)	4.91296c(83091208)
0.0	4.42336c(83090608)	4.06922c(83090608)	3.76386c(83090608)	3.48524c(83090608)	3.23471c(83090608)
-100.0	4.21274c(83122308)	3.76283c(83100708)	3.48150c(83100708)	2.98080c(83100708)	2.85232c(83090608)
-200.0	6.59021c(83042008)	5.76741c(83042008)	4.70027c(83092124)	4.09560c(83092124)	3.53598c(83092124)
-300.0	5.90687 (83110408)	4.30243c(83042008)	4.15006c(83042008)	4.09405c(83042008)	4.06051c(83042008)
-400.0	5.21517c(83070108)	4.67100 (83110408)	5.48930 (83110408)	3.61507 (83110408)	3.17076c(83042008)
-500.0	3.89383 (83020908)	3.77947 (83110624)	4.07502c(83070108)	3.12089 (83110408)	4.44041 (83110408)
-600.0	3.45203c(83032308)	3.46435c(83071108)	2.94624c(83042708)	3.15830c(83070108)	3.31785c(83070108)
-700.0	3.25479 (83011808)	3.33098c(83111224)	2.81135 (83020908)	2.64968 (83020908)	2.47019c(83042108)
-800.0	3.34833c(83010708)	3.05444c(83010708)	3.05007c(83111224)	2.50542c(83032308)	2.56446c(83071108)
-900.0	4.26257 (83120808)	2.86927c(83010708)	2.94111c(83010708)	2.66299 (83052708)	2.17831c(83032308)
-1000.0	2.84321c(83061124)	3.76911 (83120808)	2.50620c(83010708)	2.79406c(83010708)	2.39483 (83052708)
-1100.0	3.78758c(83012208)	2.73886c(83061124)	3.35797 (83120808)	2.25522c(83010708)	2.66951c(83010708)
-1200.0	3.04755c(83012208)	2.70002c(83012208)	2.55328c(83061124)	3.07184 (83120808)	2.03179c(83010708)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE MAXIMUM 50 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** CONC OF CO IN MICROGRAMS/CUBIC-METER **

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
1.	19.63598	(83012007) AT (	-100.00, 0.00) GC	26.	10.28251	(83012013) AT (	-300.00, 0.00) GC
2.	19.63598	(83012020) AT (	-100.00, 0.00) GC	27.	10.22713	(83012011) AT (	-200.00, 0.00) GC
3.	19.53071	(83012013) AT (	-100.00, 0.00) GC	28.	9.87100	(83022710) AT (	-200.00, -100.00) GC
4.	19.01506	(83012004) AT (	-100.00, 0.00) GC	29.	9.87100	(83022712) AT (	-200.00, -100.00) GC
5.	19.00625	(83022705) AT (	-100.00, 0.00) GC	30.	9.84191	(83022713) AT (	-200.00, -100.00) GC
6.	17.47365	(83012021) AT (	-100.00, 0.00) GC	31.	9.82324	(83020215) AT (	200.00, -100.00) GC
7.	16.70960	(83030111) AT (	100.00, 0.00) GC	32.	9.81521	(83012008) AT (	-200.00, 0.00) GC
8.	16.68291	(83012006) AT (	-100.00, 0.00) GC	33.	9.61711	(83012021) AT (	-300.00, 0.00) GC
9.	15.58832	(83092501) AT (	-100.00, -100.00) GC	34.	9.38542	(83030111) AT (	200.00, 0.00) GC
10.	15.46725	(83012011) AT (	-100.00, 0.00) GC	35.	9.27382	(83022624) AT (	-300.00, -100.00) GC
11.	15.10127	(83042414) AT (	100.00, 0.00) GC	36.	9.07154	(83012004) AT (	-300.00, 0.00) GC
12.	14.96183	(83012008) AT (	-100.00, 0.00) GC	37.	8.84747	(83032417) AT (	200.00, 100.00) GC
13.	14.20468	(83012013) AT (	-200.00, 0.00) GC	38.	8.83558	(83092501) AT (	-200.00, -200.00) GC
14.	13.12799	(83012004) AT (	-200.00, 0.00) GC	39.	8.76493	(83022709) AT (	-100.00, 0.00) GC
15.	12.92399	(83042413) AT (	100.00, 0.00) GC	40.	8.66064	(83012019) AT (	-400.00, -100.00) GC
16.	12.78168	(83012007) AT (	-200.00, 0.00) GC	41.	8.60466	(83022717) AT (	-300.00, -200.00) GC
17.	12.78168	(83012020) AT (	-200.00, 0.00) GC	42.	8.40098	(83030113) AT (	100.00, 0.00) GC
18.	12.65645	(83012012) AT (	-100.00, 0.00) GC	43.	8.37404	(83012007) AT (	-300.00, 0.00) GC
19.	12.23388	(83022705) AT (	-200.00, 0.00) GC	44.	8.37404	(83012020) AT (	-300.00, 0.00) GC
20.	12.17271	(83012021) AT (	-200.00, 0.00) GC	45.	8.29174	(83012006) AT (	-300.00, 0.00) GC
21.	11.83554	(83042414) AT (	200.00, 0.00) GC	46.	8.26959	(83110116) AT (	-200.00, -100.00) GC
22.	11.54339	(83012006) AT (	-200.00, 0.00) GC	47.	8.22869	(83042414) AT (	300.00, 0.00) GC
23.	10.98325	(83032416) AT (	300.00, 100.00) GC	48.	8.22624	(83032415) AT (	200.00, 100.00) GC
24.	10.61916	(83012010) AT (	-100.00, 0.00) GC	49.	8.12612	(83022718) AT (	-300.00, -100.00) GC
25.	10.46534	(83022701) AT (	-200.00, -100.00) GC	50.	8.09751	(83022702) AT (	-300.00, -200.00) GC

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

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE MAXIMUM 50 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
1.	210.71440	(83101501) AT (	-100.00, 0.00) GC	26.	98.81694	(83031606) AT (	0.00, 100.00) GC
2.	206.73250	(83062704) AT (	-100.00, 0.00) GC	27.	98.67850	(83110421) AT (	-100.00, 100.00) GC
3.	206.70380	(83061303) AT (	-100.00, 0.00) GC	28.	98.24897	(83040322) AT (	-100.00, 100.00) GC
4.	138.16380	(83120221) AT (	-100.00, 100.00) GC	29.	97.80319	(83111107) AT (	0.00, 100.00) GC
5.	131.87120	(83080303) AT (	-100.00, 100.00) GC	30.	97.40207	(83070101) AT (	-100.00, 100.00) GC
6.	131.72770	(83080324) AT (	-100.00, 100.00) GC	31.	97.27986	(83101603) AT (	100.00, 100.00) GC
7.	127.54530	(83101122) AT (	-100.00, 100.00) GC	32.	93.96648	(83071401) AT (	-100.00, 100.00) GC
8.	126.72300	(83063021) AT (	-100.00, 100.00) GC	33.	93.67865	(83030904) AT (	100.00, 100.00) GC
9.	126.72300	(83091101) AT (	-100.00, 100.00) GC	34.	92.94553	(83101123) AT (	-200.00, 100.00) GC
10.	123.85240	(83010723) AT (	-100.00, 0.00) GC	35.	92.90950	(83061303) AT (	-200.00, 0.00) GC
11.	123.28640	(83122121) AT (	-100.00, 100.00) GC	36.	92.86948	(83062704) AT (	-200.00, 0.00) GC
12.	122.20130	(83080402) AT (	-100.00, 100.00) GC	37.	92.79575	(83092118) AT (	0.00, 100.00) GC
13.	117.61050	(83070521) AT (	-100.00, 100.00) GC	38.	92.63749	(83062005) AT (	-200.00, 100.00) GC
14.	111.77660	(83082723) AT (	100.00, 100.00) GC	39.	92.34802	(83080720) AT (	100.00, 0.00) GC
15.	108.05490	(83010819) AT (	-100.00, 0.00) GC	40.	91.81336	(83082821) AT (	100.00, -100.00) GC
16.	105.99500	(83070903) AT (	100.00, -100.00) GC	41.	91.13815	(83090308) AT (	0.00, 100.00) GC
17.	105.88420	(83071003) AT (	100.00, -100.00) GC	42.	91.01382	(83031418) AT (	0.00, 100.00) GC
18.	100.84410	(83060508) AT (	0.00, 100.00) GC	43.	90.94432	(83021708) AT (	0.00, 100.00) GC
19.	100.82220	(83090309) AT (	0.00, 100.00) GC	44.	90.39784	(83050423) AT (	0.00, -100.00) GC
20.	100.55590	(83013010) AT (	0.00, 100.00) GC	45.	90.37483	(83050424) AT (	0.00, -100.00) GC
21.	100.52990	(83012317) AT (	0.00, 100.00) GC	46.	90.15073	(83080607) AT (	0.00, 100.00) GC
22.	100.37680	(83111405) AT (	100.00, -100.00) GC	47.	90.13200	(83120217) AT (	0.00, -100.00) GC
23.	98.98386	(83121417) AT (	0.00, 100.00) GC	48.	90.07687	(83102311) AT (	100.00, 100.00) GC
24.	98.95810	(83010218) AT (	0.00, 100.00) GC	49.	86.89252	(83062903) AT (	-100.00, 100.00) GC
25.	98.93237	(83101112) AT (	0.00, 100.00) GC	50.	85.33731	(83112808) AT (	0.00, 100.00) GC

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

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE MAXIMUM 50 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

		** CONC OF CO		IN MICROGRAMS/CUBIC-METER				
RANK	CONC (YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC (YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC (YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
1.	9.09859 (83012016) AT (	-100.00, 0.00) GC	26.	2.81063 (83012024) AT (	-400.00, -100.00) GC			
2.	8.91259 (83012008) AT (	-100.00, 0.00) GC	27.	2.80606 (83012016) AT (	-1200.00, -200.00) GC			
3.	5.94722 (83012008) AT (	-200.00, 0.00) GC	28.	2.70691 (83012016) AT (	-500.00, 0.00) GC			
4.	5.61429 (83012016) AT (	-200.00, 0.00) GC	29.	2.67386 (83012016) AT (	-1100.00, -200.00) GC			
5.	5.31991 (83022708) AT (	-100.00, 0.00) GC	30.	2.60875 (83012024) AT (	-500.00, -100.00) GC			
6.	5.26070 (83012024) AT (	-100.00, 0.00) GC	31.	2.60463 (83012008) AT (	-500.00, 0.00) GC			
7.	4.20281 (83012008) AT (	-300.00, 0.00) GC	32.	2.57669 (83022716) AT (	-300.00, -100.00) GC			
8.	4.17952 (83012016) AT (	-300.00, 0.00) GC	33.	2.50048 (83031724) AT (	400.00, 1200.00) GC			
9.	4.15645 (83030116) AT (	100.00, 0.00) GC	34.	2.49396 (83031724) AT (	400.00, 1100.00) GC			
10.	4.10713 (83012016) AT (	-500.00, -100.00) GC	35.	2.49344 (83022624) AT (	-400.00, -100.00) GC			
11.	4.08493 (83012016) AT (	-600.00, -100.00) GC	36.	2.48154 (83042416) AT (	200.00, 0.00) GC			
12.	3.90837 (83022624) AT (	-300.00, -100.00) GC	37.	2.40734 (83012024) AT (	-300.00, 0.00) GC			
13.	3.88667 (83022716) AT (	-200.00, -100.00) GC	38.	2.40609 (83012016) AT (	-1000.00, -200.00) GC			
14.	3.79803 (83012016) AT (	-800.00, -100.00) GC	39.	2.40605 (83042416) AT (	600.00, 100.00) GC			
15.	3.71965 (83012016) AT (	-700.00, -100.00) GC	40.	2.40012 (83062016) AT (	-1000.00, 600.00) GC			
16.	3.50316 (83042416) AT (	100.00, 0.00) GC	41.	2.38626 (83012024) AT (	-1000.00, -200.00) GC			
17.	3.45780 (83012016) AT (	-900.00, -100.00) GC	42.	2.36574 (83022708) AT (	-600.00, -100.00) GC			
18.	3.37114 (83012024) AT (	-200.00, 0.00) GC	43.	2.35128 (83062016) AT (	-1200.00, 700.00) GC			
19.	3.30501 (83012016) AT (	-400.00, 0.00) GC	44.	2.34456 (83022708) AT (	-800.00, -100.00) GC			
20.	3.29868 (83012016) AT (	-1000.00, -100.00) GC	45.	2.33606 (83042416) AT (	500.00, 100.00) GC			
21.	3.27611 (83012016) AT (	-400.00, -100.00) GC	46.	2.32611 (83062016) AT (	-1100.00, 700.00) GC			
22.	3.20258 (83012008) AT (	-400.00, 0.00) GC	47.	2.31226 (83022708) AT (	-500.00, -100.00) GC			
23.	3.10536 (83012016) AT (	-1100.00, -100.00) GC	48.	2.30708 (83062016) AT (	-1100.00, 600.00) GC			
24.	2.98273 (83022708) AT (	-200.00, 0.00) GC	49.	2.30042 (83042416) AT (	700.00, 100.00) GC			
25.	2.90228 (83012016) AT (	-1200.00, -100.00) GC	50.	2.29647 (83012024) AT (	-1100.00, -200.00) GC			

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

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE MAXIMUM 50 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2 ***
 INCLUDING SOURCE(S): 11 ,

*** CONC OF CO IN MICROGRAMS/CUBIC-METER **

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF	TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF	TYPE		
1.	46.89873	(83101508) AT (	-100.00,	0.00)	GC	26.	24.11904	(83121808) AT (	-100.00,	0.00)	GC
2.	40.50703	(83090308) AT (	0.00,	100.00)	GC	27.	24.10385c	(83110424) AT (	-100.00,	100.00)	GC
3.	34.29881c	(83061308) AT (	-100.00,	0.00)	GC	28.	23.95635	(83121416) AT (	0.00,	100.00)	GC
4.	33.96006c	(83040324) AT (	-100.00,	100.00)	GC	29.	23.79465c	(83110816) AT (	0.00,	100.00)	GC
5.	31.99541	(83063024) AT (	-100.00,	100.00)	GC	30.	23.38906	(83051008) AT (	-100.00,	0.00)	GC
6.	31.76248c	(83062708) AT (	-100.00,	0.00)	GC	31.	23.31555	(83041224) AT (	-100.00,	0.00)	GC
7.	30.25715c	(83080408) AT (	-100.00,	100.00)	GC	32.	23.25913	(83093024) AT (	-100.00,	0.00)	GC
8.	29.40414c	(83010708) AT (	100.00,	-100.00)	GC	33.	23.14734	(83102724) AT (	0.00,	-100.00)	GC
9.	28.55956	(83121524) AT (	0.00,	-100.00)	GC	34.	22.96086	(83101116) AT (	0.00,	100.00)	GC
10.	27.99830	(83080324) AT (	-100.00,	100.00)	GC	35.	22.79450	(83090208) AT (	0.00,	100.00)	GC
11.	27.67496	(83010824) AT (	-100.00,	0.00)	GC	36.	22.78367	(83020624) AT (	0.00,	100.00)	GC
12.	27.45281c	(83021908) AT (	-100.00,	0.00)	GC	37.	22.77415c	(83101008) AT (	-100.00,	0.00)	GC
13.	27.05625	(83120724) AT (	0.00,	-100.00)	GC	38.	22.37453c	(83080308) AT (	-100.00,	100.00)	GC
14.	26.80022	(83090124) AT (	0.00,	100.00)	GC	39.	22.19160	(83042324) AT (	0.00,	100.00)	GC
15.	26.28169c	(83062008) AT (	-200.00,	100.00)	GC	40.	22.12096	(83100824) AT (	-100.00,	0.00)	GC
16.	26.19385	(83050424) AT (	0.00,	-100.00)	GC	41.	22.10017	(83090116) AT (	0.00,	100.00)	GC
17.	25.89788	(83121608) AT (	0.00,	-100.00)	GC	42.	22.06203	(83102708) AT (	0.00,	-100.00)	GC
18.	25.79898	(83122916) AT (	0.00,	100.00)	GC	43.	21.75281	(83031608) AT (	0.00,	100.00)	GC
19.	25.48609	(83122016) AT (	0.00,	-100.00)	GC	44.	21.66419	(83102008) AT (	-100.00,	0.00)	GC
20.	25.23227	(83063024) AT (	-200.00,	200.00)	GC	45.	21.66286c	(83092124) AT (	0.00,	100.00)	GC
21.	25.11401c	(83070108) AT (	-100.00,	100.00)	GC	46.	21.60993	(83011024) AT (	0.00,	200.00)	GC
22.	24.97263	(83070124) AT (	-100.00,	100.00)	GC	47.	21.60907	(83052208) AT (	-100.00,	100.00)	GC
23.	24.86698	(83011024) AT (	0.00,	100.00)	GC	48.	21.52202	(83070224) AT (	-100.00,	100.00)	GC
24.	24.77793	(83120224) AT (	-100.00,	100.00)	GC	49.	21.49487	(83062824) AT (	-200.00,	100.00)	GC
25.	24.14675	(83101524) AT (	-100.00,	0.00)	GC	50.	21.11288	(83112324) AT (	-100.00,	100.00)	GC

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

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE MAXIMUM 50 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** CONC OF CO IN MICROGRAMS/CUBIC-METER **

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF	TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF	TYPE	
1.	46.90007	(83101508) AT (	-100.00,	0.00)	GC	26.	24.13593c(83110424) AT (	-100.00,	100.00)	GC
2.	40.50703	(83090308) AT (	0.00,	100.00)	GC	27.	24.11904 (83121808) AT (	-100.00,	0.00)	GC
3.	34.29881c(83061308) AT (		-100.00,	0.00)	GC	28.	23.95635 (83121416) AT (	0.00,	100.00)	GC
4.	33.99397c(83040324) AT (		-100.00,	100.00)	GC	29.	23.79465c(83110816) AT (	0.00,	100.00)	GC
5.	32.03813 (83063024) AT (		-100.00,	100.00)	GC	30.	23.38906 (83051008) AT (	-100.00,	0.00)	GC
6.	31.76249c(83062708) AT (		-100.00,	0.00)	GC	31.	23.31555 (83041224) AT (	-100.00,	0.00)	GC
7.	30.26928c(83080408) AT (		-100.00,	100.00)	GC	32.	23.25913 (83093024) AT (	-100.00,	0.00)	GC
8.	29.42217c(83010708) AT (		100.00,	-100.00)	GC	33.	23.14734 (83102724) AT (	0.00,	-100.00)	GC
9.	28.55956 (83121524) AT (		0.00,	-100.00)	GC	34.	22.96086 (83101116) AT (	0.00,	100.00)	GC
10.	28.00306 (83080324) AT (		-100.00,	100.00)	GC	35.	22.79451 (83090208) AT (	0.00,	100.00)	GC
11.	27.67496 (83010824) AT (		-100.00,	0.00)	GC	36.	22.78367 (83020624) AT (	0.00,	100.00)	GC
12.	27.45281c(83021908) AT (		-100.00,	0.00)	GC	37.	22.77416c(83101008) AT (	-100.00,	0.00)	GC
13.	27.05625 (83120724) AT (		0.00,	-100.00)	GC	38.	22.39577c(83080308) AT (	-100.00,	100.00)	GC
14.	26.80022 (83090124) AT (		0.00,	100.00)	GC	39.	22.19160 (83042324) AT (	0.00,	100.00)	GC
15.	26.32858c(83062008) AT (		-200.00,	100.00)	GC	40.	22.12096 (83100824) AT (	-100.00,	0.00)	GC
16.	26.19385 (83050424) AT (		0.00,	-100.00)	GC	41.	22.10017 (83090116) AT (	0.00,	100.00)	GC
17.	25.89788 (83121608) AT (		0.00,	-100.00)	GC	42.	22.06203 (83102708) AT (	0.00,	-100.00)	GC
18.	25.79898 (83122916) AT (		0.00,	100.00)	GC	43.	21.75281 (83031608) AT (	0.00,	100.00)	GC
19.	25.48609 (83122016) AT (		0.00,	-100.00)	GC	44.	21.66419 (83102008) AT (	-100.00,	0.00)	GC
20.	25.27683 (83063024) AT (		-200.00,	200.00)	GC	45.	21.66286c(83092124) AT (	0.00,	100.00)	GC
21.	25.13102c(83070108) AT (		-100.00,	100.00)	GC	46.	21.61182 (83011024) AT (	0.00,	200.00)	GC
22.	24.97265 (83070124) AT (		-100.00,	100.00)	GC	47.	21.60927 (83052208) AT (	-100.00,	100.00)	GC
23.	24.86698 (83011024) AT (		0.00,	100.00)	GC	48.	21.53012 (83062824) AT (	-200.00,	100.00)	GC
24.	24.79035 (83120224) AT (		-100.00,	100.00)	GC	49.	21.52577 (83070224) AT (	-100.00,	100.00)	GC
25.	24.14675 (83101524) AT (		-100.00,	0.00)	GC	50.	21.12051c(83091108) AT (	-100.00,	100.00)	GC

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

*** ISCST2 - VERSION 92062 *** *** FGTC III ST 21 1,8 HOUR CO 100 m GRID 2-23-93 1983
*** ENSR Version 1.00 Level 920408*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

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*** 20:19:11
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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

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

		** CONC OF CO IN MICROGRAMS/CUBIC-METER **								
GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR	(XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID			
1	HIGH 1ST HIGH VALUE IS	19.63598	ON 83012007:	AT (	-100.00, 0.00, 0.00, 0.00)	GC	E3		
2	HIGH 1ST HIGH VALUE IS	210.70380	ON 83101501:	AT (	-100.00, 0.00, 0.00, 0.00)	GC	E3		
3	HIGH 1ST HIGH VALUE IS	210.71440	ON 83101501:	AT (	-100.00, 0.00, 0.00, 0.00)	GC	E3		

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

*** ISCST2 - VERSION 92062 *** *** FGTC III ST 21 1,8 HOUR CO 100 m GRID 2-23-93 1983
*** ENSR Version 1.00 Level 920408*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

*** 02/23/93
*** 20:19:11
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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

		** CONC OF CO IN MICROGRAMS/CUBIC-METER **								
GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR	(XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID			
1	HIGH 1ST HIGH VALUE IS	9.09859	ON 83012016:	AT (	-100.00, 0.00, 0.00, 0.00)	GC	E3		
2	HIGH 1ST HIGH VALUE IS	46.89873	ON 83101508:	AT (	-100.00, 0.00, 0.00, 0.00)	GC	E3		
3	HIGH 1ST HIGH VALUE IS	46.90007	ON 83101508:	AT (	-100.00, 0.00, 0.00, 0.00)	GC	E3		

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

*** ISCST2 - VERSION 92062 *** *** FGTC III ST 21 1,8 HOUR CO 100 m GRID 2-23-93 1983
*** ENSR Version 1.00 Level 920408*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

*** 02/23/93
*** 20:19:11
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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** Message Summary For ISC2 Model Execution ***

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

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 586 Informational Message(s)

A Total of 586 Calm Hours Identified

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

***** WARNING MESSAGES *****
SO W320 27 PPARAM : Source Parameter May Be Out-of-Range for Parameter VS
SO W320 28 PPARAM : Source Parameter May Be Out-of-Range for Parameter VS

*** ISCST2 Finishes Successfully ***

ISC MODEL RESULTS
CO 1- AND 8-HOUR
100 METER GRID
YEAR 1984

NO ECHO

*** Message Summary For ISC2 Model Setup ***

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

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

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

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

SO W320 27 PPARAM : Source Parameter May Be Out-of-Range for Parameter VS
SO W320 28 PPARAM : Source Parameter May Be Out-of-Range for Parameter VS

*** SETUP Finishes Successfully ***

*** ISCST2 - VERSION 92062 *** *** FGTC III ST 21 1,8 HOUR CO 100 m GRID 2-23-93 1984
 *** ENSR Version 1.00 Level 920408*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

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 *** 21:24:40
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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. (USER UNITS) CATS.	EMISSION RATE		X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
1	0	0.84000E+00	0.0	0.0	0.0	15.24	763.72	55.43	1.01	YES		
2	0	0.84000E+00	0.0	-17.0	0.0	15.24	763.72	55.43	1.01	YES		
11	0	0.80000E-01	-20.0	5.0	0.0	6.10	894.27	44.10	0.09	YES		

*** ISCST2 - VERSION 92062 *** *** FGTC III ST 21 1,8 HOUR CO 100 m GRID 2-23-93 1984
*** ENSR Version 1.00 Level 920408*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
1	1 , 2 ,
2	11 ,
3	1 , 2 , 11 ,

*** ISCST2 - VERSION 92062 *** *** FGTC 111 ST 21 1,8 HOUR CO 100 m GRID 2-23-93 1984
*** ENSR Version 1.00 Level 920408*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

*** 02/23/93
*** 21:24:40
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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

* SOURCE-RECEPTOR COMBINATIONS LESS THAN 1.0 METER OR 3*2LB *
IN DISTANCE. CALCULATIONS MAY NOT BE PERFORMED.

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
1	0.0	0.0	0.00
2	0.0	0.0	17.00
11	0.0	0.0	20.62

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-200.00	-100.00	X-COORD (METERS) 0.00	100.00	200.00
1200.0	3.65027 (84062914)	3.71109 (84071315)	3.49219 (84050514)	3.79687 (84050311)	3.79030 (84032813)
1100.0	3.92086 (84062914)	3.91966 (84071315)	3.50801 (84080414)	3.95694 (84050311)	3.92134 (84032813)
1000.0	4.07072 (84062914)	4.06219 (84071315)	3.49527 (84080414)	4.04063 (84050311)	3.90147 (84032813)
900.0	4.00408 (84062914)	4.08648 (84071315)	3.45606 (84050311)	3.99761 (84050311)	4.13759 (84032812)
800.0	3.96972 (84050314)	3.92265 (84071315)	3.44056 (84050311)	4.04755 (84032813)	4.27206 (84032812)
700.0	3.75839 (84050513)	3.49415 (84071315)	3.26704 (84050311)	3.98388 (84032813)	4.46367 (84032815)
600.0	3.02277 (84050513)	2.93518 (84062914)	3.26493 (84080711)	3.42433 (84032813)	4.76272 (84032815)
500.0	2.67667 (84042711)	2.01112 (84062914)	2.20963 (84080711)	2.38028 (84032815)	3.33502 (84032815)
400.0	1.26929 (84042711)	0.86142 (84050314)	0.82873 (84050311)	5.61937 (84032815)	1.19342 (84050414)
300.0	0.72929 (84052313)	0.18372 (84070821)	0.15026 (84050107)	9.07158 (84032815)	0.54561 (84050414)
200.0	1.17780 (84081116)	0.14232 (84090319)	0.13043 (84050107)	2.28592 (84032815)	0.15902 (84012908)
100.0	4.97525 (84081116)	2.35111 (84081116)	0.07301 (84070821)	0.12212 (84012908)	0.32024 (84022814)
0.0	10.46530 (84012309)	16.88476 (84012309)	0.00000 (0)	20.09477 (84032913)	16.39387 (84032913)
-100.0	8.84586 (84012217)	15.65416 (84012211)	27.95691 (84112301)	18.65894 (84112309)	8.92675 (84112313)
-200.0	8.35023 (84012211)	8.97825 (84092705)	15.21269 (84112301)	0.13658 (84091919)	8.66754 (84112309)
-300.0	5.86875 (84092702)	7.18045 (84092705)	10.42844 (84112301)	3.81181 (84112304)	0.16531 (84062011)
-400.0	5.01613 (84092705)	7.02302 (84112302)	7.99386 (84112301)	6.72925 (84112304)	1.18538 (84062011)
-500.0	6.39382 (84092705)	4.90075 (84112302)	6.47303 (84112301)	5.45192 (84112304)	2.56861 (84062011)
-600.0	3.28532 (84092705)	3.34683 (84060311)	5.41896 (84112301)	3.54775 (84112304)	2.98046 (84062011)
-700.0	3.70625 (84112302)	3.33826 (84060311)	4.64134 (84112301)	2.83472 (84070711)	3.28269 (84090813)
-800.0	4.49179 (84112302)	2.84528 (84090810)	4.73606 (84112301)	3.13218 (84090812)	4.31149 (84112304)
-900.0	3.95618 (84112302)	3.26133 (84090810)	4.40121 (84112301)	3.49604 (84090812)	4.17107 (84112304)
-1000.0	3.41996 (84112302)	3.50693 (84090810)	4.41095 (84112301)	3.67440 (84090812)	3.90653 (84112304)
-1100.0	3.41581 (84011514)	3.61190 (84090810)	4.35412 (84112301)	3.71284 (84090812)	3.38705 (84112304)
-1200.0	3.42433 (84011514)	3.61199 (84090810)	4.26151 (84112301)	3.65497 (84090812)	3.41361 (84010212)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	300.00	400.00	500.00	600.00	700.00
1200.0	3.75366 (84032812)	4.07269 (84032815)	3.40549 (84012711)	3.52921 (84092812)	3.37396 (84050414)
1100.0	3.96203 (84032815)	3.40581 (84041511)	3.59178 (84092812)	3.38516 (84050414)	3.52623 (84050414)
1000.0	4.46625 (84032815)	3.42537 (84041511)	3.84624 (84092812)	3.91294 (84050414)	4.03140 (84092712)
900.0	4.28412 (84032815)	3.65870 (84092812)	3.90808 (84050414)	3.75589 (84050414)	3.81096 (84041513)
800.0	3.11998 (84032815)	3.85277 (84092812)	4.24490 (84050414)	3.79500 (84041513)	3.95401 (84032714)
700.0	3.15278 (84092812)	4.13296 (84050414)	3.41820 (84041513)	3.94014 (84032714)	3.71086 (84032714)
600.0	3.11271 (84092812)	3.81310 (84050414)	3.60328 (84032714)	3.70686 (84032714)	3.41183 (84063013)
500.0	3.20075 (84050414)	3.39299 (84082512)	3.39909 (84032714)	3.33596 (84063013)	3.59754 (84090911)
400.0	2.30059 (84082512)	2.81345 (84051611)	3.48125 (84051611)	3.64314 (84090911)	3.60029 (84090913)
300.0	0.92056 (84032714)	2.25821 (84051611)	2.84272 (84051611)	3.44012 (84082013)	3.98754 (84090912)
200.0	0.35561 (84090911)	1.19214 (84082013)	2.64947 (84090912)	3.33109 (84041714)	4.54811 (84022814)
100.0	5.77901 (84022814)	7.89201 (84022814)	6.04377 (84032910)	5.83362 (84032910)	4.88803 (84032910)
0.0	11.37250 (84032913)	8.13494 (84032913)	6.41957 (84032914)	5.42571 (84032914)	4.67190 (84032914)
-100.0	8.16575 (84022913)	6.37160 (84022913)	3.38606 (84022913)	3.57290 (84040511)	4.29697 (84040511)
-200.0	7.68581 (84112310)	5.53833 (84112313)	2.48752 (84041613)	3.97267 (84022913)	4.37553 (84022913)
-300.0	5.35609 (84112309)	4.72818 (84112309)	5.61989 (84112313)	3.89707 (84112313)	3.73204 (84041613)
-400.0	1.36391 (84062011)	3.76488 (84112309)	5.04864 (84112309)	3.86454 (84112310)	4.99632 (84112313)
-500.0	2.95898 (84062011)	2.46806 (84031712)	3.14714 (84031712)	5.10214 (84112309)	3.63098 (84032112)
-600.0	3.45083 (84062011)	2.76426 (84062011)	2.49389 (84020511)	2.76800 (84022916)	4.80980 (84112309)
-700.0	3.05843 (84062011)	2.73782 (84062011)	2.77526 (84020511)	2.78006 (84020511)	3.29374 (84022916)
-800.0	2.93651 (84120812)	3.06975 (84042410)	3.22074 (84021414)	3.32221 (84111209)	3.03530 (84121013)
-900.0	3.25873 (84090813)	3.21599 (84120712)	3.08195 (84111211)	3.39422 (84021414)	3.82614 (84111209)
-1000.0	3.72282 (84090813)	3.33427 (84120812)	3.40711 (84042410)	3.34893 (84010511)	3.96456 (84111209)
-1100.0	3.82959 (84090813)	3.38366 (84120812)	3.36527 (84120712)	3.23937 (84111211)	3.42020 (84021414)
-1200.0	3.99550 (84112304)	3.40215 (84120813)	3.38674 (84041810)	3.35576 (84042410)	3.17483 (84010511)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	800.00	900.00	1000.00	1100.00	1200.00
1200.0	3.59597 (84092712)	4.40784 (84092712)	3.56795 (84032902)	3.03240 (84062615)	3.43740 (84032901)
1100.0	4.38867 (84092712)	3.67509 (84032902)	3.24790 (84032714)	3.50189 (84032901)	3.05880 (84091011)
1000.0	3.64916 (84032902)	3.53139 (84032714)	3.53035 (84032901)	3.27306 (84091011)	3.28349 (84050908)
900.0	3.78564 (84032714)	3.50583 (84032901)	3.46058 (84091011)	3.28848 (84050908)	3.42426 (84050908)
800.0	3.54539 (84032714)	3.58577 (84091011)	3.57350 (84063013)	3.34890 (84063013)	3.30918 (84090915)
700.0	3.59275 (84091011)	3.80416 (84063013)	3.49256 (84090911)	3.61114 (84090911)	3.33858 (84090913)
600.0	3.85403 (84063013)	3.92857 (84090911)	3.71478 (84090911)	3.68543 (84090913)	3.51878 (84082013)
500.0	4.07269 (84090911)	3.89870 (84090913)	3.92097 (84082013)	3.74339 (84082013)	3.56876 (84090912)
400.0	4.05801 (84082013)	3.97479 (84082013)	4.08016 (84090912)	3.75768 (84090912)	3.57126 (84082012)
300.0	4.22684 (84090912)	3.73943 (84090912)	3.97723 (84022814)	4.44505 (84022814)	4.34028 (84022814)
200.0	4.76276 (84022814)	4.21619 (84041714)	4.31348 (84032910)	4.56993 (84032910)	4.50384 (84032910)
100.0	4.49920 (84032913)	4.15842 (84041713)	4.14537 (84041713)	4.00552 (84041713)	3.79848 (84033016)
0.0	4.87160 (84032914)	4.53139 (84032914)	4.52288 (84032914)	4.45782 (84032914)	4.35702 (84032914)
-100.0	4.52898 (84040511)	4.48887 (84040511)	4.29114 (84040511)	4.01539 (84040511)	3.95223 (84032915)
-200.0	4.30773 (84022913)	4.01794 (84032612)	4.04699 (84032612)	3.87098 (84032612)	3.58488 (84032612)
-300.0	4.21210 (84041613)	3.98003 (84041612)	4.10873 (84022913)	4.27554 (84022913)	3.96412 (84022913)
-400.0	3.56645 (84112313)	3.56243 (84032113)	3.94760 (84041613)	3.87087 (84041613)	3.62765 (84041612)
-500.0	4.29403 (84112310)	4.58874 (84112313)	3.70697 (84062512)	3.52758 (84032113)	3.47493 (84032113)
-600.0	3.80994 (84032112)	3.89878 (84062513)	4.26617 (84112310)	4.28984 (84112313)	3.55379 (84112315)
-700.0	4.59665 (84112309)	3.77530 (84112309)	3.63225 (84082016)	3.98820 (84112310)	4.04683 (84112313)
-800.0	3.50066 (84022916)	4.25828 (84112309)	4.01585 (84112309)	3.46944 (84032112)	3.38059 (84062513)
-900.0	3.18494 (84121013)	3.58206 (84022916)	3.88433 (84112309)	4.02949 (84112309)	3.41661 (84112314)
-1000.0	4.07913 (84111209)	3.19748 (84121013)	3.58765 (84022916)	3.51809 (84112309)	3.90291 (84112309)
-1100.0	4.40706 (84111209)	4.13327 (84111209)	3.12001 (84121013)	3.54134 (84022916)	3.20178 (84120708)
-1200.0	3.94890 (84111209)	4.59992 (84111209)	4.04899 (84111209)	3.12293 (84112307)	3.46086 (84022916)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2
 INCLUDING SOURCE(S): 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-1200.00	-1100.00	X-COORD (METERS) -1000.00	-900.00	-800.00
1200.0	11.51487 (84121923)	11.00789 (84042822)	12.49981 (84091306)	13.93975 (84042921)	14.00406 (84020407)
1100.0	12.32454 (84060423)	12.53373 (84121923)	12.28464 (84042603)	14.19349 (84091306)	19.63251 (84042921)
1000.0	12.71699 (84052001)	13.32036 (84060423)	14.02483 (84121923)	14.77608 (84042603)	16.17222 (84111903)
900.0	12.19143 (84042020)	14.07064 (84052001)	14.55460 (84060423)	15.82454 (84121923)	17.41253 (84042603)
800.0	12.32720 (84042923)	10.36827 (84042020)	14.32586 (84052001)	15.59724 (84060423)	18.21519 (84070203)
700.0	14.23804 (84043001)	15.77197 (84042923)	10.89436 (84060501)	18.38584 (84042020)	16.08952 (84060423)
600.0	15.23060 (84073023)	16.62477 (84052522)	14.60960 (84043001)	16.99397 (84042923)	20.40699 (84042020)
500.0	12.31851 (84081321)	10.49649 (84061821)	18.92519 (84073023)	20.58515 (84052522)	22.02046 (84042923)
400.0	15.91142 (84110321)	18.04152 (84061701)	13.85575 (84061006)	14.50786 (84081321)	24.39417 (84073023)
300.0	8.67523 (84061608)	9.41684 (84031720)	16.75313 (84110321)	22.11159 (84110321)	24.09791 (84061701)
200.0	16.37703 (84090222)	18.89296 (84090222)	17.16694 (84090222)	18.21630 (84081320)	12.60679 (84081320)
100.0	7.36170 (84021824)	9.12062 (84090704)	11.54828 (84090704)	14.17091 (84090704)	16.50357 (84090704)
0.0	17.40340 (84071502)	19.22790 (84071502)	21.39265 (84071502)	23.99441 (84071502)	27.16904 (84071502)
-100.0	17.49478 (84122107)	18.58622 (84122107)	18.30026 (84122107)	15.88121 (84122107)	17.50667 (84051402)
-200.0	12.18443 (84051402)	15.44112 (84040205)	21.09286 (84040205)	20.18261 (84040205)	11.74391 (84110219)
-300.0	7.24383 (84081623)	9.40002 (84091220)	9.95082 (84082702)	16.35331 (84081603)	16.14148 (84081603)
-400.0	10.98371 (84081603)	13.50511 (84081603)	14.95860 (84081624)	21.70827 (84120224)	11.84111 (84081602)
-500.0	14.51216 (84010903)	17.34728 (84120224)	9.57235 (84081602)	8.66377 (84120320)	22.95133 (84120106)
-600.0	8.07088 (84120224)	6.77279 (84120320)	14.30075 (84120106)	14.50832 (84120106)	21.38383 (84051103)
-700.0	7.70719 (84120106)	15.79336 (84120106)	9.82292 (84081506)	17.32391 (84051103)	7.95541 (84051224)
-800.0	11.03677 (84120106)	11.87868 (84051103)	12.31701 (84051103)	7.24002 (84051224)	5.96502 (84081421)
-900.0	12.86519 (84051103)	8.28932 (84051103)	6.54094 (84051224)	5.31824 (84081421)	11.90333 (84121924)
-1000.0	5.48142 (84051103)	6.07029 (84051224)	4.77688 (84081421)	9.68864 (84121924)	9.23910 (84120321)
-1100.0	5.47418 (84051224)	4.44509 (84081421)	7.70185 (84121924)	8.37880 (84121924)	10.72222 (84091522)
-1200.0	4.05707 (84081421)	6.07815 (84121924)	9.35592 (84121924)	10.74200 (84091522)	8.01374 (84083003)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2 ***
 INCLUDING SOURCE(S): 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	300.00	400.00	500.00	600.00	700.00
1200.0	10.94306 (84032703)	12.06904 (84110424)	11.68291 (84120605)	11.48900 (84011902)	11.39900 (84050901)
1100.0	12.35138 (84012523)	11.47201 (84012703)	12.40085 (84051601)	11.90691 (84092905)	11.79724 (84080904)
1000.0	14.06356 (84030305)	13.60058 (84092921)	13.06637 (84050103)	13.01088 (84011907)	10.97427 (84050905)
900.0	14.34290 (84061205)	14.21578 (84051601)	12.74581 (84022521)	12.64232 (84081001)	13.23663 (84032123)
800.0	14.57590 (84062303)	14.98817 (84050103)	14.40729 (84080904)	14.16036 (84052503)	12.48303 (84062305)
700.0	15.31628 (84051601)	15.29828 (84050901)	15.25104 (84022520)	13.68466 (84020308)	21.18026 (84022204)
600.0	16.14022 (84062024)	16.07979 (84010704)	15.33800 (84082004)	24.90726 (84022204)	22.40433 (84020603)
500.0	17.36779 (84012907)	16.27231 (84080905)	29.55508 (84022204)	26.81854 (84012904)	23.78455 (84051403)
400.0	18.30368 (84041824)	37.24218 (84011901)	32.93605 (84081203)	28.68617 (84020524)	25.98383 (84063005)
300.0	48.19495 (84011901)	41.78082 (84051403)	35.48217 (84020307)	30.88288 (84121122)	33.95824 (84041902)
200.0	55.43123 (84020521)	46.22701 (84121122)	38.17893 (84030924)	32.64142 (84022324)	29.03932 (84030224)
100.0	60.72581 (84022324)	48.78371 (84111924)	39.95639 (84080702)	34.26225 (84021623)	29.07728 (84010722)
0.0	30.27535 (84013010)	20.17362 (84013010)	17.99369 (84031805)	16.63449 (84041805)	15.89972 (84041805)
-100.0	61.72846 (84121101)	44.47591 (84121105)	39.59294 (84070905)	33.87070 (84021504)	29.36034 (84071403)
-200.0	53.14505 (84121104)	45.87804 (84030921)	37.56358 (84021705)	33.04626 (84121101)	28.92873 (84021701)
-300.0	47.14363 (84070904)	36.80484 (84021706)	35.46414 (84121003)	31.30396 (84030921)	24.18828 (84121106)
-400.0	41.47675 (84013007)	36.95296 (84070904)	32.90567 (84011702)	24.86063 (84121104)	24.83408 (84121003)
-500.0	34.72829 (84120904)	27.25568 (84011703)	29.69484 (84070904)	26.91012 (84121221)	14.89357 (84021706)
-600.0	29.01933 (84120906)	29.35430 (84120902)	26.72468 (84011703)	24.44405 (84070904)	22.70638 (84021807)
-700.0	26.87369 (84120905)	24.30643 (84122008)	23.97878 (84011704)	22.41560 (84011703)	20.53514 (84070904)
-800.0	14.53437 (84030901)	22.76986 (84120906)	22.25654 (84120904)	20.46886 (84013007)	19.41743 (84120903)
-900.0	14.26480 (84120821)	21.30736 (84120905)	20.18715 (84122008)	18.63450 (84082403)	17.42756 (84013007)
-1000.0	13.13997 (84021802)	10.91694 (84032206)	18.19876 (84120906)	13.84372 (84120904)	16.32186 (84011704)
-1100.0	13.24405 (84031706)	12.99449 (84030901)	16.84627 (84120905)	15.11474 (84122008)	15.45639 (84120904)
-1200.0	11.32790 (84030403)	12.29345 (84120821)	11.42942 (84032206)	14.88141 (84120906)	12.91897 (84122008)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2 ***
 INCLUDING SOURCE(S): 11

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	800.00	900.00	1000.00	1100.00	1200.00
1200.0	10.72058 (84081001)	10.45472 (84052503)	9.96122 (84062903)	9.89917 (84062305)	11.23295 (84022204)
1100.0	11.62894 (84022520)	11.17462 (84062903)	10.77217 (84062305)	12.31618 (84022204)	12.11207 (84020601)
1000.0	11.85747 (84032123)	11.60235 (84062305)	13.90155 (84022204)	12.99752 (84020601)	12.68007 (84012904)
900.0	12.25464 (84062305)	15.83232 (84022204)	14.73144 (84050421)	13.73063 (84012904)	12.09574 (84081203)
800.0	18.21251 (84022204)	16.85808 (84050421)	15.80178 (84010720)	14.41467 (84051403)	13.71711 (84020524)
700.0	19.41183 (84020603)	18.00970 (84081203)	16.49068 (84100103)	15.37672 (84031724)	14.10783 (84020307)
600.0	18.44379 (84051403)	19.15741 (84020524)	17.41354 (84020307)	16.13743 (84090604)	14.91888 (84013019)
500.0	22.25236 (84020521)	19.94577 (84090604)	18.38134 (84013019)	16.76067 (84051503)	20.79092 (84041902)
400.0	23.29260 (84013019)	22.36424 (84041902)	22.91438 (84041902)	17.05298 (84031002)	14.13456 (84022324)
300.0	24.57292 (84030301)	20.38134 (84022324)	17.95324 (84022324)	17.84846 (84030224)	15.95296 (84071001)
200.0	25.02034 (84111924)	22.70782 (84122124)	20.27954 (84012921)	18.26609 (84080702)	16.65233 (84021623)
100.0	20.43022 (84010722)	20.75811 (84090402)	20.31669 (84090402)	18.49227 (84090402)	16.14258 (84090402)
0.0	14.93783 (84041805)	14.09054 (84021605)	13.21815 (84021605)	12.46859 (84021605)	11.72517 (84021605)
-100.0	24.39930 (84071403)	17.22426 (84071403)	12.88037 (84033022)	13.29247 (84013107)	12.76344 (84013107)
-200.0	22.69031 (84121105)	22.09757 (84031804)	19.88054 (84070905)	17.97103 (84021504)	16.15549 (84021504)
-300.0	23.46403 (84021705)	21.68913 (84121101)	19.48767 (84040605)	17.83229 (84121105)	14.39676 (84121105)
-400.0	23.17389 (84030921)	20.98966 (84121106)	18.04165 (84021705)	15.66180 (84031107)	15.65384 (84121101)
-500.0	21.78452 (84121104)	18.58038 (84022005)	18.05405 (84030921)	16.64735 (84121106)	11.33927 (84021705)
-600.0	19.88103 (84021706)	15.04233 (84121104)	16.46222 (84121003)	15.77271 (84022005)	14.57360 (84030921)
-700.0	19.13410 (84082705)	17.44652 (84021706)	10.28004 (84021804)	15.33053 (84121104)	14.28604 (84121003)
-800.0	17.54394 (84070904)	16.76377 (84082705)	15.53518 (84011702)	11.58062 (84021706)	10.28217 (84121104)
-900.0	16.86214 (84120903)	15.35479 (84113007)	14.49953 (84121004)	13.88478 (84121221)	12.68886 (84021706)
-1000.0	12.87054 (84013007)	14.42531 (84120903)	13.63683 (84113007)	13.17556 (84121004)	12.24475 (84121221)
-1100.0	14.31655 (84021803)	11.27853 (84011703)	13.05197 (84121102)	12.46281 (84113007)	12.01053 (84121004)
-1200.0	13.56437 (84082403)	12.81592 (84021803)	11.68697 (84011703)	12.05807 (84121102)	11.24600 (84113007)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-1200.00	-1100.00	X-COORD (METERS) -1000.00	-900.00	-800.00
1200.0	12.27777 (84121923)	11.68661 (84042822)	13.14532 (84091306)	14.41796 (84042921)	14.59141 (84020407)
1100.0	13.03495 (84060423)	13.20209 (84121923)	12.83847 (84042603)	14.77943 (84091306)	20.16825 (84042921)
1000.0	13.38962 (84052001)	13.92980 (84060423)	14.60527 (84121923)	15.28822 (84042603)	16.67014 (84111903)
900.0	12.77401 (84042020)	14.64344 (84052001)	15.06550 (84060423)	16.32408 (84121923)	17.87258 (84042603)
800.0	12.86550 (84042923)	10.77593 (84042020)	14.77769 (84052001)	16.01314 (84060423)	18.62370 (84070203)
700.0	14.78522 (84043001)	16.28590 (84042923)	11.35106 (84060501)	18.81622 (84042020)	16.41538 (84060423)
600.0	15.76438 (84073023)	17.11288 (84052522)	14.98575 (84043001)	17.35740 (84042923)	20.75651 (84042020)
500.0	12.82209 (84081321)	10.88699 (84061821)	19.34229 (84073023)	20.95572 (84052522)	22.34980 (84042923)
400.0	16.37265 (84110321)	18.47839 (84061701)	14.18559 (84061006)	14.78665 (84081321)	24.70767 (84073023)
300.0	8.67523 (84061608)	9.89155 (84072420)	17.11134 (84110321)	22.42690 (84110321)	24.36939 (84061701)
200.0	16.83989 (84090222)	19.28776 (84090222)	17.44960 (84090222)	18.48912 (84081320)	12.75944 (84081320)
100.0	7.80591 (84021824)	9.44875 (84090704)	11.87065 (84090704)	14.46163 (84090704)	16.74069 (84090704)
0.0	17.85243 (84071502)	19.62733 (84071502)	21.74619 (84071502)	24.30126 (84071502)	27.43427 (84071502)
-100.0	17.93903 (84122107)	18.99576 (84122107)	18.66389 (84122107)	16.18392 (84122107)	17.66372 (84051402)
-200.0	12.63647 (84051402)	15.71824 (84040205)	21.42443 (84040205)	20.50755 (84040205)	11.88669 (84110219)
-300.0	7.68422 (84081623)	9.75297 (84110219)	10.21222 (84082702)	16.57062 (84081603)	16.40698 (84081603)
-400.0	11.30848 (84081603)	13.92288 (84081603)	15.25222 (84081624)	22.00309 (84120224)	12.09161 (84081602)
-500.0	14.89325 (84010903)	17.77237 (84120224)	9.93636 (84081602)	8.94576 (84120320)	23.23540 (84120106)
-600.0	8.52618 (84120224)	7.11602 (84120320)	14.55692 (84120106)	14.90394 (84120106)	21.68214 (84051103)
-700.0	7.91632 (84120106)	16.27054 (84120106)	9.82292 (84081506)	17.74345 (84051103)	8.17933 (84051224)
-800.0	11.61948 (84120106)	12.19706 (84051103)	12.81149 (84051103)	7.56920 (84051224)	6.34168 (84081421)
-900.0	13.37259 (84051103)	8.80850 (84051103)	6.99045 (84051224)	5.77832 (84081421)	12.22757 (84121924)
-1000.0	5.98688 (84051103)	6.65102 (84051224)	5.32865 (84081421)	10.00796 (84121924)	9.69054 (84120321)
-1100.0	6.19317 (84051224)	5.09578 (84081421)	8.01265 (84121924)	8.94638 (84121924)	11.26188 (84091522)
-1200.0	4.81271 (84081421)	6.37885 (84121924)	10.02624 (84121924)	11.29305 (84091522)	8.60698 (84083003)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-700.00	-600.00	-500.00	-400.00	-300.00
1200.0	14.99531 (84040720)	14.13692 (84012422)	12.59527 (84070722)	10.89542 (84070821)	11.95846 (84050121)
1100.0	16.29586 (84052524)	15.20772 (84101522)	14.03360 (84012422)	14.05439 (84070821)	13.43237 (84050121)
1000.0	21.88376 (84042921)	18.36083 (84040720)	17.90499 (84012422)	14.20294 (84021905)	11.56999 (84071823)
900.0	17.53669 (84111903)	20.11090 (84020407)	17.44784 (84101522)	14.67908 (84091124)	13.68022 (84052924)
800.0	19.96386 (84042603)	23.76121 (84042921)	21.10196 (84052524)	23.68514 (84012422)	15.57969 (84073106)
700.0	21.75179 (84070203)	23.84724 (84043022)	31.43501 (84042921)	22.03714 (84040720)	15.91217 (84050205)
600.0	19.99104 (84052001)	25.88525 (84070203)	28.42356 (84091306)	30.22698 (84020407)	33.01075 (84012422)
500.0	15.94928 (84021904)	27.75647 (84052001)	31.50641 (84070203)	33.86872 (84111903)	37.10378 (84040720)
400.0	27.62634 (84043001)	25.53138 (84042923)	33.72942 (84052001)	39.27065 (84070203)	47.82601 (84042921)
300.0	23.05756 (84081321)	33.38497 (84073023)	30.43376 (84081802)	44.43237 (84042020)	50.40216 (84042822)
200.0	18.75001 (84110321)	34.03959 (84110321)	31.39272 (84081321)	49.33474 (84073023)	41.33831 (84042923)
100.0	18.88440 (84090222)	34.73006 (84090222)	36.94457 (84090222)	28.42066 (84081320)	64.19473 (84110321)
0.0	31.34172 (84071502)	36.31279 (84071502)	42.79826 (84071502)	51.65407 (84071502)	63.85406 (84071502)
-100.0	25.47320 (84051402)	25.63704 (84040205)	43.30143 (84040205)	21.89968 (84110219)	57.08278 (84081603)
-200.0	14.18560 (84110219)	27.83357 (84081603)	37.99274 (84010903)	24.07388 (84052514)	41.88707 (84051103)
-300.0	29.31038 (84010903)	15.22361 (84081602)	36.69912 (84120106)	41.30278 (84051103)	20.45838 (84082610)
-400.0	14.64047 (84120106)	19.51181 (84120106)	19.74702 (84051103)	13.58508 (84082610)	16.90491 (84083003)
-500.0	19.88148 (84051103)	9.11592 (84051224)	9.61157 (84082610)	14.52307 (84120321)	16.64696 (84040121)
-600.0	8.74453 (84051224)	7.93394 (84081421)	14.30834 (84120321)	13.12472 (84120404)	14.40618 (84022205)
-700.0	7.04813 (84081421)	14.71879 (84121924)	14.68062 (84083003)	12.41063 (84040121)	13.50544 (84070608)
-800.0	14.15582 (84121924)	14.42083 (84091522)	12.61234 (84120404)	12.45848 (84022205)	14.39652 (84040207)
-900.0	12.07083 (84091522)	10.03574 (84083003)	9.18279 (84040121)	12.18323 (84022205)	11.46597 (84011621)
-1000.0	11.48402 (84083003)	9.29617 (84120404)	10.02768 (84022205)	13.16492 (84040207)	13.60041 (84072124)
-1100.0	9.01833 (84120404)	7.07221 (84040121)	12.79108 (84022205)	11.80678 (84040207)	13.47851 (84070424)
-1200.0	7.68466 (84040121)	8.16025 (84022205)	8.30441 (84040207)	8.10442 (84011621)	12.99424 (84011705)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-200.00	-100.00	X-COORD (METERS) 0.00	100.00	200.00
1200.0	12.59662 (84120223)	13.16960 (84071323)	11.81305 (84022203)	13.13152 (84111107)	12.82891 (84031324)
1100.0	13.01700 (84071021)	13.80036 (84071323)	12.53130 (84032704)	13.85964 (84111107)	13.52322 (84051524)
1000.0	14.26164 (84071021)	14.25605 (84022021)	13.40094 (84032704)	14.46354 (84062924)	13.94274 (84080822)
900.0	14.92189 (84060321)	15.24864 (84022021)	14.25533 (84032704)	15.08083 (84012603)	15.08069 (84012623)
800.0	14.08053 (84071623)	15.82813 (84022524)	15.13040 (84032704)	15.14647 (84012603)	14.77733 (84032703)
700.0	15.15016 (84050121)	15.89149 (84071122)	16.01611 (84071123)	16.16431 (84011820)	15.75368 (84030305)
600.0	18.01894 (84073106)	16.84121 (84012702)	16.95719 (84111920)	16.57661 (84012704)	16.88123 (84032122)
500.0	23.49026 (84073106)	19.77732 (84071807)	20.67035 (84071907)	19.05799 (84081007)	16.28161 (84051507)
400.0	47.66997 (84012422)	27.52909 (84021323)	28.51055 (84071907)	24.35108 (84081007)	20.91583 (84020402)
300.0	57.46718 (84052524)	32.82410 (84090318)	39.51782 (84071907)	24.79163 (84051507)	28.76243 (84031304)
200.0	74.08694 (84042822)	53.28193 (84050207)	56.43587 (84070108)	47.57803 (84072217)	68.24389 (84020601)
100.0	92.86121 (84061721)	137.72810 (84043022)	98.95810 (84022118)	117.37510 (84010720)	80.91576 (84111106)
0.0	79.89198 (84071502)	210.68850 (84072103)	61.43078 (84110515)	92.21369 (84062007)	49.55925 (84013010)
-100.0	57.22327 (84052514)	59.58578 (84112023)	90.59047 (84112111)	113.08490 (84082705)	78.98170 (84030921)
-200.0	32.05721 (84082610)	42.45690 (84052920)	51.57630 (84112110)	81.53039 (84122008)	61.55671 (84121004)
-300.0	21.08610 (84012611)	32.55193 (84061907)	27.60539 (84021509)	35.65661 (84113022)	55.64494 (84011704)
-400.0	17.69143 (84070608)	25.93240 (84082608)	18.41748 (84030120)	25.95940 (84071108)	36.04143 (84120906)
-500.0	22.70792 (84070608)	19.45432 (84082608)	18.91892 (84030120)	18.56266 (84031007)	30.74545 (84120905)
-600.0	16.22177 (84011621)	16.40690 (84051301)	17.14329 (84030120)	16.85711 (84030903)	17.01131 (84010823)
-700.0	15.48638 (84070424)	12.31099 (84091607)	15.91973 (84081605)	15.71523 (84030322)	15.94226 (84010821)
-800.0	15.43316 (84011705)	14.69336 (84090207)	15.30057 (84072201)	14.91028 (84021502)	15.08518 (84030407)
-900.0	14.10709 (84091606)	15.18586 (84090207)	15.10358 (84072201)	13.85204 (84021502)	14.92709 (84030403)
-1000.0	14.30506 (84081805)	14.09792 (84090207)	14.44919 (84072201)	11.02158 (84040105)	13.71473 (84030406)
-1100.0	12.78323 (84081805)	12.56303 (84090207)	13.82529 (84072201)	10.98851 (84040105)	11.34772 (84021422)
-1200.0	9.73818 (84051301)	11.59440 (84120819)	13.14835 (84072201)	10.86843 (84070901)	12.94634 (84030322)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	300.00	400.00	X-COORD (METERS) 500.00	600.00	700.00
1200.0	11.42657 (84012623)	12.54657 (84110424)	12.10541 (84092921)	12.01367 (84011902)	11.91847 (84050901)
1100.0	12.66605 (84012523)	11.85508 (84012703)	12.84750 (84051601)	12.38434 (84092905)	12.28922 (84080904)
1000.0	14.39284 (84030305)	13.94245 (84092921)	13.39818 (84050103)	13.39751 (84011907)	11.37066 (84050905)
900.0	14.61373 (84061205)	14.53429 (84051601)	13.06714 (84022521)	13.03634 (84081001)	13.60227 (84032123)
800.0	14.79822 (84062303)	15.24561 (84050103)	14.70678 (84080904)	14.47066 (84052503)	12.74875 (84062305)
700.0	15.51660 (84051601)	15.53631 (84050901)	15.49148 (84022520)	13.92234 (84020308)	21.49235 (84022204)
600.0	16.30432 (84062024)	16.26204 (84010704)	15.56600 (84082004)	25.16565 (84022204)	22.71231 (84020603)
500.0	17.48773 (84012907)	16.42499 (84080905)	29.76810 (84022204)	27.06229 (84012904)	24.06476 (84051403)
400.0	18.37549 (84041824)	37.38122 (84011901)	33.10040 (84081203)	28.91162 (84020524)	26.23262 (84063005)
300.0	48.31279 (84011901)	41.90980 (84051403)	35.65268 (84020307)	31.05518 (84121122)	34.22119 (84041902)
200.0	55.52677 (84020521)	46.35192 (84121122)	38.33914 (84030924)	32.80696 (84022324)	29.25185 (84030224)
100.0	60.83255 (84022324)	48.90977 (84111924)	40.09558 (84080702)	34.44842 (84021623)	29.30780 (84010722)
0.0	30.27535 (84013010)	20.17373 (84013010)	18.10347 (84031805)	16.79509 (84041805)	16.09959 (84041805)
-100.0	61.84993 (84121101)	44.60266 (84121105)	39.75866 (84070905)	34.05417 (84021504)	29.59316 (84071403)
-200.0	53.27733 (84121104)	46.02958 (84030921)	37.74099 (84021705)	33.25489 (84121101)	29.16732 (84021701)
-300.0	47.29128 (84070904)	36.96671 (84021706)	35.65606 (84121003)	31.52779 (84030921)	24.41748 (84121106)
-400.0	41.64351 (84013007)	37.13834 (84070904)	33.11821 (84011702)	25.08739 (84121104)	25.09976 (84121003)
-500.0	34.90040 (84120904)	27.43299 (84011703)	29.92951 (84070904)	27.17447 (84121221)	15.12163 (84021706)
-600.0	29.24698 (84120906)	29.58810 (84120902)	26.98084 (84011703)	24.72902 (84070904)	23.03151 (84021807)
-700.0	27.09793 (84120905)	24.58461 (84122008)	24.27805 (84011704)	22.74191 (84011703)	20.87870 (84070904)
-800.0	14.83272 (84030901)	23.08714 (84120906)	22.58229 (84120904)	20.81440 (84013007)	19.80412 (84120903)
-900.0	14.60255 (84120821)	21.64714 (84120905)	20.54918 (84122008)	19.03396 (84082403)	17.86054 (84013007)
-1000.0	13.52504 (84021802)	11.19476 (84032206)	18.62131 (84120906)	14.16942 (84120904)	16.76563 (84011704)
-1100.0	13.66155 (84031706)	13.41151 (84030901)	17.30956 (84120905)	15.53773 (84122008)	15.97252 (84120904)
-1200.0	11.81117 (84030403)	12.78289 (84120821)	11.87323 (84032206)	15.42240 (84120906)	13.47379 (84122008)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	800.00	900.00	X-COORD (METERS) 1000.00	1100.00	1200.00
1200.0	11.30390 (84081001)	10.97751 (84052503)	10.62318 (84062903)	10.57833 (84062305)	11.87875 (84022204)
1100.0	12.10873 (84022520)	11.70868 (84062903)	11.33975 (84062305)	12.88377 (84022204)	12.79763 (84020601)
1000.0	12.35342 (84032123)	12.06248 (84062305)	14.39639 (84022204)	13.61573 (84020601)	13.28500 (84012904)
900.0	12.61337 (84062305)	16.26020 (84022204)	15.18814 (84050421)	14.30709 (84012904)	12.72787 (84081203)
800.0	18.57951 (84022204)	17.28282 (84050421)	16.26648 (84010720)	14.87281 (84051403)	14.26399 (84020524)
700.0	19.73698 (84020603)	18.38587 (84081203)	16.88873 (84100103)	15.86482 (84031724)	14.65844 (84020307)
600.0	18.68175 (84051403)	19.52553 (84020524)	17.79172 (84020307)	16.58376 (84090604)	15.41686 (84013019)
500.0	22.54084 (84020521)	20.25965 (84090604)	18.76906 (84013019)	17.19642 (84051503)	21.28819 (84041902)
400.0	23.58330 (84013019)	22.62561 (84041902)	23.35480 (84041902)	17.42849 (84031002)	14.49499 (84022324)
300.0	24.84723 (84030301)	20.63528 (84022324)	18.33857 (84022324)	18.26367 (84030224)	16.42097 (84071001)
200.0	25.25686 (84111924)	23.00817 (84122124)	20.63481 (84012921)	18.66196 (84080702)	17.08899 (84021623)
100.0	20.70600 (84010722)	21.00069 (84090402)	20.63934 (84090402)	18.88688 (84090402)	16.60010 (84090402)
0.0	15.17708 (84041805)	14.35406 (84021605)	13.51991 (84021605)	12.80782 (84021605)	12.10498 (84021605)
-100.0	24.63588 (84071403)	17.44353 (84071403)	13.24030 (84013107)	13.70437 (84013107)	13.21041 (84013107)
-200.0	22.93167 (84121105)	22.39930 (84031804)	20.24825 (84070905)	18.38731 (84021504)	16.58461 (84021504)
-300.0	23.73990 (84021705)	22.02847 (84121101)	19.85376 (84040605)	18.26312 (84121105)	14.80054 (84121105)
-400.0	23.48681 (84030921)	21.33982 (84121106)	18.43489 (84021705)	16.09221 (84031107)	16.15089 (84121101)
-500.0	22.11709 (84121104)	18.94265 (84022005)	18.47114 (84030921)	17.11390 (84121106)	11.77467 (84021705)
-600.0	20.23647 (84021706)	15.38803 (84121104)	16.89161 (84121003)	16.25519 (84022005)	15.10756 (84030921)
-700.0	19.52311 (84082705)	17.86515 (84021706)	10.71947 (84021804)	15.84895 (84121104)	14.85387 (84121003)
-800.0	17.94735 (84070904)	17.21785 (84082705)	16.03067 (84011702)	12.04452 (84021706)	10.76645 (84121104)
-900.0	17.32808 (84120903)	15.84942 (84113007)	15.03790 (84121004)	14.46715 (84121221)	13.31147 (84021706)
-1000.0	13.33847 (84013007)	14.96681 (84120903)	14.21215 (84113007)	13.80366 (84121004)	12.89074 (84121221)
-1100.0	14.83252 (84021803)	11.73642 (84011703)	13.66420 (84121102)	13.12590 (84113007)	12.72390 (84121004)
-1200.0	14.15589 (84082403)	13.44858 (84021803)	12.28618 (84011703)	12.77359 (84121102)	12.00356 (84113007)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	-1200.00	-1100.00	-1000.00	-900.00	-800.00
1200.0	1.52534 (84073116)	1.64211 (84073116)	1.67897c(84071716)	1.57195c(84071716)	1.65450 (84021916)
1100.0	1.59152 (84052016)	1.59557 (84073116)	1.70134 (84073116)	1.72755c(84071716)	1.55665 (84021916)
1000.0	1.54568 (84072016)	1.64239 (84052016)	1.64912 (84073116)	1.73136 (84073116)	1.73089c(84071716)
900.0	1.61833 (84072016)	1.64465 (84072016)	1.67882 (84052016)	1.67437 (84073116)	1.72683c(84071716)
800.0	1.47909 (84052116)	1.63946 (84072016)	1.71703 (84072016)	1.69009 (84052016)	1.65565 (84073116)
700.0	1.57068 (84061416)	1.51065 (84052116)	1.58429 (84072016)	1.73633 (84072016)	1.65990 (84052016)
600.0	1.65054 (84080216)	1.65104 (84061416)	1.60340 (84061416)	1.58522 (84040816)	1.66369 (84072016)
500.0	1.77448 (84080216)	1.81015 (84080216)	1.73003 (84080216)	1.65942 (84061416)	1.49072 (84040816)
400.0	1.52140 (84080316)	1.57033 (84080216)	1.75544 (84080216)	1.80062 (84080216)	1.65530 (84080216)
300.0	1.58482 (84072816)	1.56439 (84072816)	1.57475 (84080316)	1.44523 (84080316)	1.49454 (84080216)
200.0	1.55357 (84091816)	1.54036 (84072416)	1.53259 (84072416)	1.46756 (84072416)	1.35544 (84080816)
100.0	1.73759 (84081416)	1.75007 (84081416)	1.72093 (84081416)	1.63600 (84081416)	1.48215 (84081416)
0.0	1.77281 (84092308)	1.71296 (84092308)	1.65501 (84081416)	1.60657 (84081416)	1.49739 (84081416)
-100.0	1.71642 (84092308)	1.65490 (84092308)	1.56902 (84092308)	1.43422 (84092216)	1.43625 (84092216)
-200.0	1.98364 (84012308)	2.04303 (84012308)	2.01865 (84012308)	1.92225 (84092216)	1.85792 (84092216)
-300.0	1.79962 (84012308)	1.73110 (84092216)	1.69149 (84091416)	1.69056 (84091416)	1.54696 (84091416)
-400.0	1.76263 (84091416)	1.78728 (84091416)	1.69330 (84091416)	1.46905 (84092416)	1.42116 (84092416)
-500.0	1.70223 (84012224)	1.49891 (84070916)	1.43962 (84092416)	1.37034 (84092416)	1.43418 (84082816)
-600.0	1.42725 (84070916)	1.33382 (84082816)	1.51250 (84082816)	1.66917 (84051716)	1.98244 (84051716)
-700.0	1.45490 (84082816)	1.61391 (84012216)	1.85136 (84051716)	1.97511 (84051716)	1.75964 (84081616)
-800.0	1.71867 (84012216)	1.90383 (84051716)	1.86786 (84051716)	1.73484 (84081616)	1.72992 (84031616)
-900.0	1.85931 (84051716)	1.71598 (84051716)	1.65917 (84081616)	1.66760 (84031616)	1.59199 (84031616)
-1000.0	1.55159 (84051716)	1.55798 (84081616)	1.58448 (84031616)	1.57548 (84031616)	1.48022 (84092524)
-1100.0	1.45290 (84081516)	1.53692 (84081516)	1.53152 (84031616)	1.55467 (84092524)	1.46684 (84051708)
-1200.0	1.49298 (84081516)	1.57039 (84020816)	1.59101 (84092524)	1.48610 (84051708)	1.42743 (84090716)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

*** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	-700.00	-600.00	-500.00	-400.00	-300.00
1200.0	1.55527 (84021916)	2.18212 (84071816)	2.28528 (84050216)	1.95123 (84050216)	1.19474 (84080416)
1100.0	1.64648 (84021916)	1.93223 (84071816)	2.34613 (84071816)	2.20036 (84050216)	1.39292 (84050216)
1000.0	1.66855 (84070216)	1.72282 (84070216)	2.24144 (84071816)	2.35738 (84050216)	1.67599 (84050216)
900.0	1.66161c(84071716)	1.77938 (84070216)	1.84655 (84071816)	2.33261 (84050216)	1.94284 (84050216)
800.0	1.72746c(84071716)	1.72886 (84070216)	1.80774 (84070216)	2.08442 (84071816)	2.10609 (84050216)
700.0	1.57355 (84073116)	1.63690c(84071716)	1.74054 (84070216)	1.66328 (84070216)	2.03891 (84050216)
600.0	1.56566 (84072016)	1.40641 (84073116)	1.47807 (84070216)	1.59472 (84070216)	1.58203 (84050216)
500.0	1.56099 (84040816)	1.38676 (84072016)	1.17915 (84081316)	1.23387 (84070216)	1.08854 (84070216)
400.0	1.42832 (84061416)	1.42170 (84040816)	1.09986c(84080616)	0.72925 (84050816)	0.67114 (84070216)
300.0	1.51763 (84080216)	1.25970 (84080216)	0.96028 (84040816)	0.97048 (84081116)	0.25005 (84080716)
200.0	1.21627 (84080316)	0.91814 (84082916)	0.69206 (84080216)	0.33599 (84080216)	1.34731 (84081116)
100.0	1.33898 (84072416)	1.03452 (84072416)	0.61012 (84072416)	0.23546 (84080816)	0.06535c(84071216)
0.0	1.31076 (84081416)	0.93359 (84081416)	0.60304 (84032324)	0.68757 (84032324)	0.85355 (84012316)
-100.0	1.40116 (84092216)	1.21063 (84092216)	0.97041 (84092216)	0.95486 (84012308)	0.93931 (84092216)
-200.0	1.73876 (84092216)	1.53554 (84092216)	1.16507 (84092216)	0.53673 (84051816)	0.15818 (84092416)
-300.0	1.30883 (84092416)	1.21472 (84051816)	0.87505 (84051816)	0.71324 (84051716)	0.71926 (84012216)
-400.0	1.25692 (84092416)	1.35214 (84051716)	1.38692 (84051716)	0.99810 (84051716)	0.81238 (84092708)
-500.0	1.76614 (84051716)	1.72286 (84051716)	1.44628 (84031616)	0.85424 (84081616)	0.73157 (84051016)
-600.0	1.77715 (84051716)	1.66335 (84031616)	1.20588 (84081616)	1.06784 (84090716)	0.90616 (84090716)
-700.0	1.74551 (84031616)	1.43952 (84031616)	1.13865 (84051016)	1.34805 (84090716)	0.86644 (84041116)
-800.0	1.56167 (84031616)	1.20515 (84051708)	1.48933 (84090716)	1.31686 (84090716)	0.99195 (84092616)
-900.0	1.35167 (84092524)	1.44634 (84090716)	1.62260 (84090716)	1.08250 (84100316)	1.05029 (84092616)
-1000.0	1.37574 (84051708)	1.66424 (84090716)	1.48112 (84090716)	1.21300 (84092616)	1.43465 (84112416)
-1100.0	1.57336 (84090716)	1.67937 (84090716)	1.18542 (84090716)	1.28780 (84092616)	1.68713 (84112416)
-1200.0	1.69411 (84090716)	1.50614 (84090716)	1.22002 (84092616)	1.30708 (84112416)	1.82014 (84112416)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	300.00	400.00	500.00	600.00	700.00
1200.0	2.09090 (84032816)	1.41164 (84032816)	1.12101 (84032716)	1.14416 (84032824)	1.48433 (84050416)
1100.0	2.00509 (84032816)	1.25258 (84032716)	1.07534 (84032824)	1.28995 (84050416)	1.60604 (84050416)
1000.0	1.80830 (84032816)	1.17858 (84032716)	1.05367 (84032824)	1.55579 (84050416)	1.43611 (84050416)
900.0	1.46050 (84032816)	1.04702 (84032716)	1.33294 (84050416)	1.53548 (84050416)	0.97033 (84050416)
800.0	1.10437 (84032716)	0.89781 (84050416)	1.48969 (84050416)	1.12050 (84050416)	0.80455 (84032716)
700.0	0.91428 (84032716)	1.20316 (84050416)	1.19161 (84050416)	0.83726 (84032716)	0.78857 (84111116)
600.0	0.67870 (84050416)	1.12613 (84050416)	0.80983 (84032716)	0.68151 (84111116)	0.89458 (84111116)
500.0	0.71811 (84050416)	0.69084 (84081216)	0.77947 (84081216)	0.74885 (84111116)	1.24669 (84090916)
400.0	0.33549 (84050416)	0.56690 (84081216)	0.64264 (84081216)	1.26812 (84090916)	1.56656 (84090916)
300.0	0.15408 (84032716)	0.36056 (84090916)	0.94634 (84090916)	1.20415 (84090916)	1.08781 (84090916)
200.0	0.08637 (84090916)	0.38628 (84090916)	0.58530 (84090916)	0.80735 (84082016)	1.05844 (84082016)
100.0	0.72265 (84022816)	1.03231 (84032916)	1.47674 (84032916)	1.64617 (84032916)	1.73956 (84032916)
0.0	4.79806 (84032916)	3.89949 (84032916)	3.42760 (84032916)	3.14339 (84032916)	2.93956 (84032916)
-100.0	1.02107 (84022916)	0.79927 (84022916)	0.52663 (84032916)	0.83514 (84032916)	1.10692 (84040516)
-200.0	3.07412 (84112316)	1.52756 (84112316)	0.68612 (84041616)	1.00582 (84041616)	1.05940 (84041616)
-300.0	0.71570 (84112316)	1.66959 (84112316)	2.20603 (84112316)	1.27699 (84112316)	1.14489 (84041616)
-400.0	0.17404 (84031716)	0.61246 (84112316)	1.22703 (84112316)	1.78897 (84112316)	2.05324 (84112316)
-500.0	0.36987 (84062016)	0.55141 (84011216)	0.73141 (84011216)	1.17846 (84112316)	1.50539 (84112316)
-600.0	0.57129 (84111216)	0.84027 (84010416)	0.87538 (84011216)	0.94541 (84011216)	1.14781 (84112316)
-700.0	0.72259 (84120816)	0.91038 (84010416)	1.08100 (84010416)	1.05849 (84011216)	1.06870 (84011216)
-800.0	1.03226 (84120816)	0.89521 (84111216)	1.22125 (84010416)	1.21141 (84010416)	1.15496 (84011216)
-900.0	1.21062 (84120816)	0.87130 (84111216)	1.17977 (84010416)	1.40783 (84010416)	1.24849 (84010416)
-1000.0	1.24920 (84120816)	1.14671 (84120816)	1.04797 (84010416)	1.41207 (84010416)	1.47815 (84010416)
-1100.0	1.18635 (84120816)	1.33324 (84120816)	0.95565 (84111216)	1.30200 (84010416)	1.52845 (84010416)
-1200.0	1.07407 (84120816)	1.40288 (84120816)	1.11429 (84012124)	1.14104 (84010416)	1.45450 (84010416)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2 ***
 INCLUDING SOURCE(S): 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

*** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-1200.00	-1100.00	X-COORD (METERS) -1000.00	-900.00	-800.00
1200.0	2.63676c(84070608)	3.22159 (84042608)	3.13473 (84042608)	2.18721c(84101424)	2.12086c(84052524)
1100.0	2.14295c(84070608)	2.92835c(84070608)	3.76343 (84042608)	3.10991c(84043024)	2.80464c(84042924)
1000.0	2.92110 (84042024)	2.15022c(84070608)	3.20182c(84070608)	4.45189 (84042608)	2.92831c(84043024)
900.0	3.56522 (84042024)	3.67192 (84042024)	2.16244c(84070608)	3.61684c(84070608)	5.24215 (84042608)
800.0	1.76103c(84042924)	3.13999 (84042024)	4.62628 (84042024)	2.28564c(84060424)	4.12534c(84070608)
700.0	3.33743 (84060508)	2.51175 (84060508)	2.33991 (84071524)	5.55008 (84042024)	2.63442c(84070508)
600.0	4.59770 (84073024)	3.63382 (84073024)	3.81354 (84060508)	2.56705 (84060508)	5.95110 (84042024)
500.0	2.52215c(84122108)	2.65659 (84073024)	5.74925 (84073024)	4.66121 (84060508)	4.22359 (84060508)
400.0	2.83309c(84110324)	3.44859 (84061708)	3.28902 (84061708)	2.79636 (84091408)	7.47569 (84073024)
300.0	1.48950c(84061008)	2.24148c(84081724)	3.15218c(84081724)	3.96702c(84110324)	5.13291 (84061708)
200.0	2.52660c(84070308)	2.85140c(84070308)	2.64891c(84070308)	2.98107c(84081324)	2.55954c(84081324)
100.0	2.25307c(84070508)	2.33456c(84070508)	2.36983c(84070508)	2.33511c(84070508)	2.17156c(84070508)
0.0	2.91939c(84121908)	3.23786c(84121908)	3.61762c(84121908)	4.07817c(84121908)	4.61708c(84121908)
-100.0	2.83476c(84122108)	3.00146c(84042924)	3.52795c(84042924)	4.05944c(84042924)	4.46888c(84042924)
-200.0	2.51471c(84040208)	3.35483c(84040208)	4.10476c(84040208)	3.97179c(84040208)	2.74507 (84051324)
-300.0	1.67715c(84040208)	1.79352 (84051324)	1.77097c(84082708)	2.73903 (84081608)	3.50000 (84081608)
-400.0	1.78593 (84081608)	2.54197 (84081608)	3.06030c(84010908)	3.87854c(84010908)	2.44865 (84081508)
-500.0	2.86195c(84010908)	2.77588c(84010908)	1.80069 (84081508)	2.57176 (84081508)	3.82522c(84120108)
-600.0	1.39045 (84081508)	1.98345 (84081508)	2.38346c(84120108)	2.41805c(84120108)	3.84457c(84051108)
-700.0	1.84315 (84081508)	2.63223c(84120108)	1.94436c(84051108)	3.01520c(84051108)	1.65729 (84051224)
-800.0	1.83946c(84120108)	2.24138c(84051108)	2.11853c(84051108)	1.43508 (84051224)	0.86002 (84020816)
-900.0	2.28175c(84051108)	1.41859c(84051108)	1.24971 (84051224)	0.78468c(84072608)	1.48792 (84121924)
-1000.0	0.93596c(84051108)	1.11696 (84051224)	0.72226c(84072608)	1.21108 (84121924)	1.31987c(84120324)
-1100.0	0.98553 (84051224)	0.66927c(84072608)	0.96273 (84121924)	1.13956c(84120324)	1.53175c(84091524)
-1200.0	0.62372c(84072608)	0.75977 (84121924)	1.16949 (84121924)	1.53457c(84091524)	1.33562c(84083008)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2 ***
 INCLUDING SOURCE(S): 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-700.00	-600.00	X-COORD (METERS) -500.00	-400.00	-300.00
1200.0	2.49821c(84040724)	2.37347c(84012424)	4.10613 (84091124)	1.73183c(84070824)	1.73034c(84050124)
1100.0	2.70734c(84052524)	2.15158c(84061808)	3.43591 (84091124)	3.42488 (84042208)	2.02242c(84050124)
1000.0	3.05428c(84042924)	3.11077c(84040724)	3.04905c(84012424)	4.34267 (84042208)	1.81396c(84061924)
900.0	2.59079c(84043024)	3.17225c(84052524)	2.71698c(84061808)	4.70313 (84091124)	2.25204c(84071724)
800.0	6.00807 (84042608)	3.58428c(84101424)	3.62986c(84052524)	4.08339c(84012424)	5.01949 (84042208)
700.0	4.75725c(84070608)	6.48952 (84042608)	4.44017c(84042924)	3.89886c(84040724)	5.76428 (84091124)
600.0	3.89518 (84042024)	5.55328c(84070608)	6.56618c(84043024)	5.33816c(84052524)	5.75818c(84012424)
500.0	5.06658 (84042024)	5.96853 (84042024)	6.93619c(84061224)	6.18726c(84043024)	6.60442c(84040724)
400.0	6.18554 (84060508)	4.34381 (84060508)	9.25807 (84042024)	9.29846c(84061224)	6.97785c(84101424)
300.0	4.12701 (84031908)	10.25488 (84073024)	8.10969 (84060508)	12.75830 (84042024)	13.23469c(84061224)
200.0	4.37513c(84081724)	6.14806c(84110324)	7.58837 (84061708)	15.58808 (84073024)	9.31788 (84042024)
100.0	3.40441c(84070308)	5.57256c(84070308)	6.01953c(84070308)	6.40299c(84081324)	13.47441 (84061708)
0.0	5.30222c(84121908)	6.20537c(84121908)	7.38700c(84121908)	8.99401c(84121908)	11.23067c(84121908)
-100.0	4.57223c(84042924)	6.33337c(84040208)	9.00877c(84040208)	5.95434 (84051324)	10.98773 (84081608)
-200.0	2.95681 (84051324)	4.84038 (84081608)	7.71984c(84010908)	5.84002 (84081508)	10.56413c(84051108)
-300.0	5.59909c(84010908)	3.54398 (84081508)	6.09409c(84120108)	7.72895c(84051108)	4.23386 (84020816)
-400.0	3.45661 (84081508)	3.37108c(84051108)	3.49839c(84051108)	2.66685 (84020816)	3.87565 (84100224)
-500.0	3.98626c(84051108)	2.24151 (84051224)	1.83357 (84020816)	2.44085 (84100224)	3.08454 (84100308)
-600.0	1.92172 (84051224)	1.34369 (84020816)	2.02251c(84120324)	2.07703 (84100224)	2.37765c(84022208)
-700.0	1.06882 (84020816)	1.80185 (84121924)	2.41257c(84083008)	2.20855 (84100308)	2.25091c(84070608)
-800.0	1.72921 (84121924)	2.01408c(84091524)	1.60077 (84120408)	2.04788c(84022208)	2.03702c(84070608)
-900.0	1.68472c(84091524)	1.60921c(84083008)	1.65290 (84100308)	1.97114c(84022208)	1.88186c(84011624)
-1000.0	1.84883c(84083008)	1.30743 (84040124)	1.63688c(84022208)	1.84040c(84040208)	2.05844c(84011624)
-1100.0	1.09679 (84120408)	1.27359 (84100308)	2.05711c(84022208)	1.62293c(84040208)	2.13037c(84091608)
-1200.0	1.15887 (84040124)	1.31919c(84022208)	1.15298c(84040208)	1.31042c(84011624)	3.32454c(84091608)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2 ***
 INCLUDING SOURCE(S): 11

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	800.00	900.00	X-COORD (METERS) 1000.00	1100.00	1200.00
1200.0	2.03691c(84050908)	2.29610c(84071808)	2.65020 (84082008)	2.35708c(84062308)	1.87216c(84022208)
1100.0	2.32803c(84071808)	2.78123 (84082008)	2.66680c(84062308)	2.05270c(84022208)	3.30182c(84020608)
1000.0	2.72217 (84082008)	3.01914c(84062308)	2.31693c(84022208)	3.76511c(84020608)	2.64488c(84020608)
900.0	3.40571c(84062308)	2.64009 (84082008)	4.36240c(84020608)	2.29013c(84020608)	3.51932 (84091008)
800.0	3.10183 (84082008)	4.97882c(84020608)	3.22876 (84091008)	3.67180 (84091008)	3.51819c(84020524)
700.0	5.47728c(84020608)	4.54030 (84091008)	3.45974 (84091008)	4.47277c(84020524)	2.36356c(84020524)
600.0	5.52106 (84091008)	5.16579c(84020524)	3.76891c(84020524)	2.68957c(84090608)	2.16344c(84121124)
500.0	6.04139c(84020524)	3.32430c(84090608)	2.75974c(84121124)	3.29997c(84041908)	4.97190c(84041908)
400.0	3.66718c(84121124)	5.29607c(84041908)	5.83093c(84041908)	3.08363c(84041908)	2.28010c(84031008)
300.0	5.03151c(84041908)	3.02424c(84031008)	2.79068c(84030224)	2.97548c(84030224)	2.65883c(84071008)
200.0	4.03525c(84071008)	3.78464c(84122124)	3.08755c(84080708)	3.04435c(84080708)	2.46748c(84080708)
100.0	3.40504c(84010724)	3.45969c(84090408)	3.38612c(84090408)	3.08204c(84090408)	2.69043c(84090408)
0.0	3.52902c(84031808)	3.26706c(84031808)	3.00442c(84031808)	2.77514c(84031808)	2.56506c(84031808)
-100.0	4.06655c(84071408)	4.07428c(84030308)	4.38982c(84030308)	4.43181c(84030308)	4.28056c(84030308)
-200.0	6.34963 (84010608)	4.64073 (84010608)	3.31342c(84070908)	2.88691c(84070908)	2.66826c(84120308)
-300.0	4.23770 (84010608)	4.50827c(84121108)	4.88599c(84121108)	4.55074 (84010608)	4.04233 (84010608)
-400.0	5.33377c(84030924)	3.56381c(84012924)	2.99611c(84082424)	2.87260 (84010608)	3.20046 (84040708)
-500.0	6.53194c(84121008)	5.17983c(84121008)	4.12959c(84030924)	2.86463c(84012924)	2.02730c(84121108)
-600.0	5.79318c(84011708)	3.59557c(84121008)	5.74652c(84121008)	3.54347c(84121008)	3.31276c(84030924)
-700.0	5.27201c(84021808)	5.78081c(84011708)	2.13576c(84110908)	3.98890c(84121008)	4.63385c(84121008)
-800.0	4.12821c(84020208)	3.99889c(84021808)	4.67374c(84011708)	3.09411c(84011708)	2.42671c(84121008)
-900.0	2.94183c(84012608)	3.65255c(84020208)	3.57129c(84121008)	3.53216c(84021808)	3.73296c(84011708)
-1000.0	3.71716c(84013008)	2.84830c(84012608)	3.26008c(84020208)	3.30009c(84121008)	3.55047c(84021808)
-1100.0	4.71488c(84120208)	2.58314c(84013008)	2.70634c(84012608)	3.00760c(84020208)	3.07004c(84121008)
-1200.0	3.38498c(84120908)	4.07607c(84013008)	2.10478c(84011708)	2.57789c(84012608)	2.72886c(84020208)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

 ** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	-200.00	-100.00	0.00	100.00	200.00
1200.0	3.72381c(84120224)	3.04690 (84042308)	2.40193 (84032808)	2.65256 (84062924)	3.22906 (84031324)
1100.0	2.84045c(84120224)	3.14882 (84042308)	2.58005 (84011024)	3.18001 (84062924)	3.43926c(84012708)
1000.0	2.38850 (84092808)	3.22210 (84092808)	2.81644 (84011024)	3.89814c(84062908)	2.93394c(84012708)
900.0	2.95216 (84050324)	3.84727c(84120224)	3.06936 (84011024)	4.40013c(84062908)	3.34316 (84051524)
800.0	3.00820 (84050324)	5.07766c(84120224)	3.41704 (84011024)	4.17626c(84062908)	3.79873c(84012624)
700.0	2.54602c(84050124)	6.10250c(84120224)	3.82712 (84011024)	4.47884c(84012708)	4.32368c(84081108)
600.0	3.42708c(84071724)	5.89753c(84120224)	4.29115 (84011024)	5.66511c(84012708)	3.54885 (84051508)
500.0	7.89700 (84042208)	4.40501c(84050524)	4.92414 (84011024)	5.99866c(84080908)	5.37327c(84062908)
400.0	8.54262c(84012424)	6.52838c(84021324)	5.63866 (84032808)	5.04608c(84081008)	5.50025 (84051508)
300.0	10.92993c(84052524)	8.45110c(84021324)	7.16783 (84050408)	6.13641 (84051508)	5.94287 (84031308)
200.0	19.92566c(84061224)	16.36888c(84050208)	12.22146 (84050408)	10.84859c(84072224)	21.20361c(84020608)
100.0	29.84060 (84073024)	39.40505c(84043024)	27.75614 (84062924)	25.62555 (84120608)	17.37735c(84081224)
0.0	16.30078 (84071508)	38.03530c(84122108)	16.57223 (84110516)	21.60667 (84012808)	11.66621 (84032916)
-100.0	11.86962 (84081508)	18.86324 (84100224)	33.77078 (84011508)	34.33667c(84121008)	17.93728c(84030924)
-200.0	7.55076 (84020816)	9.78488 (84011316)	17.36938 (84100124)	13.94658 (84101308)	18.59523c(84121008)
-300.0	4.46828 (84090716)	7.15878 (84113024)	10.68231 (84011608)	8.24249 (84030908)	17.15367c(84120208)
-400.0	3.29437 (84090724)	4.65963 (84011524)	7.82312 (84011608)	5.40227 (84101224)	8.38757 (84101308)
-500.0	3.78465c(84070608)	5.26226c(84081808)	5.88765 (84011608)	6.16486c(84030408)	5.74634c(84120908)
-600.0	2.70363c(84011624)	3.45577c(84082608)	4.58944 (84011608)	6.11223c(84021424)	7.01975 (84030908)
-700.0	2.67882c(84091608)	2.90574c(84082608)	4.17233c(84081708)	5.05546c(84040108)	5.06996c(84041208)
-800.0	4.87220c(84091608)	3.84406c(84101324)	3.97507c(84081708)	5.06590c(84040108)	5.29476c(84030408)
-900.0	4.54967c(84091608)	4.55009c(84101324)	3.71969c(84081708)	5.05928c(84040108)	5.78868c(84030408)
-1000.0	4.99764c(84081808)	4.85710c(84101324)	3.49205c(84081708)	4.89371c(84040108)	4.72732c(84021424)
-1100.0	4.52963c(84081808)	4.86530c(84101324)	3.27574c(84081708)	4.53588c(84040108)	4.28927c(84021424)
-1200.0	3.53457c(84081808)	4.69556c(84101324)	3.07784c(84081708)	4.06091c(84040108)	3.54183c(84021424)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	300.00	400.00	500.00	600.00	700.00
1200.0	3.04146c(84012624)	2.43274c(84081108)	3.23727c(84062908)	3.38800c(84011908)	2.68686 (84062324)
1100.0	2.69856c(84012624)	2.36847c(84062908)	3.16578c(84011908)	2.84667 (84051508)	2.59754 (84032624)
1000.0	3.59607c(84081108)	3.80612c(84062908)	3.75083c(84011908)	3.01437c(84011908)	2.96956c(84050908)
900.0	2.77055c(84081108)	3.44488c(84081924)	3.10444 (84062324)	3.01403c(84050908)	2.82621c(84071808)
800.0	4.05680c(84062908)	4.10701c(84011908)	3.29393 (84032624)	3.36872c(84071808)	3.90346c(84062308)
700.0	4.15384c(84081924)	3.80994 (84062324)	3.57784c(84050908)	4.18939c(84062308)	4.03477 (84082008)
600.0	4.69322 (84051508)	4.23407c(84050908)	4.54244 (84082008)	4.76508 (84082008)	5.66683c(84020608)
500.0	3.94340 (84032624)	4.53666 (84082008)	5.90311c(84020608)	4.83479c(84020608)	5.59831 (84091008)
400.0	4.04248 (84091024)	8.17249c(84020608)	8.41553 (84091008)	8.55272c(84020524)	4.39720c(84063008)
300.0	12.43878c(84020608)	10.31634 (84091008)	6.23799c(84020524)	5.17586c(84121124)	8.27416c(84041908)
200.0	16.20505c(84020524)	7.72532c(84121124)	9.50849c(84041908)	4.68708c(84022324)	4.87666c(84030224)
100.0	8.69713c(84022324)	7.75002c(84122124)	6.68260c(84080708)	5.46567c(84010724)	4.88463c(84010724)
0.0	7.85103 (84032916)	6.08749 (84020508)	5.18061 (84020508)	4.47795 (84020508)	3.92747 (84020508)
-100.0	15.05449 (84010608)	11.96921 (84010608)	6.97312 (84010608)	5.62808c(84120308)	4.93219c(84071408)
-200.0	13.10225c(84121008)	10.62844c(84030924)	6.81610 (84010608)	7.45232 (84010608)	7.47609 (84010608)
-300.0	11.97770c(84121008)	10.44656c(84011708)	11.90808c(84121008)	7.29705c(84030924)	4.28457c(84121108)
-400.0	12.61093c(84013008)	8.72421c(84121008)	10.50590c(84011708)	6.11312c(84121008)	7.97645c(84121008)
-500.0	7.41384c(84120908)	7.06838c(84013008)	6.81046c(84121008)	7.61208c(84021808)	3.85391c(84011708)
-600.0	6.01843c(84120908)	7.11990c(84120908)	4.78464c(84011708)	5.56938c(84020208)	6.74943c(84021808)
-700.0	5.60498c(84120908)	4.09744c(84122008)	7.98719c(84120208)	3.88816c(84011708)	4.87019c(84020208)
-800.0	4.80243 (84030908)	4.85320c(84120908)	5.03778c(84120908)	6.64139c(84013008)	3.11983c(84012924)
-900.0	5.03093 (84030908)	4.81521c(84120908)	3.42486c(84122008)	4.81560c(84120908)	5.30408c(84013008)
-1000.0	4.23733c(84041208)	3.50531c(84111708)	3.98742c(84120908)	2.73907c(84120908)	4.98123c(84120208)
-1100.0	3.28357c(84030408)	4.40374 (84030908)	4.06450c(84120908)	2.89159 (84101308)	3.66770c(84120908)
-1200.0	4.51962c(84030408)	3.75042 (84030908)	3.66352c(84111708)	3.35064c(84120908)	2.24563c(84122008)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	800.00	900.00	X-COORD (METERS) 1000.00	1100.00	1200.00
1200.0	2.27813c(84050908)	2.56238c(84071808)	3.17517 (84082008)	2.56984c(84062308)	2.32059 (84082008)
1100.0	2.55345c(84071808)	3.25774 (84082008)	2.85431c(84062308)	2.52708 (84082008)	3.50088c(84020608)
1000.0	3.14020 (84082008)	3.18056c(84062308)	2.74574 (84082008)	3.94614c(84020608)	2.83621c(84020608)
900.0	3.54028c(84062308)	3.06926 (84082008)	4.52585c(84020608)	2.44312c(84020608)	3.73522 (84091008)
800.0	3.48617 (84082008)	5.12484c(84020608)	3.31190 (84091008)	3.89437 (84091008)	3.64765c(84020524)
700.0	5.60556c(84020608)	4.64530 (84091008)	3.66923 (84091008)	4.62252c(84020524)	2.50750c(84020524)
600.0	5.64400 (84091008)	5.25626c(84020524)	3.90022c(84020524)	2.76396c(84090608)	2.22562c(84121124)
500.0	6.14500c(84020524)	3.37661c(84090608)	2.80927c(84121124)	3.35961c(84041908)	5.11141c(84041908)
400.0	3.70548c(84121124)	5.36071c(84041908)	5.95998c(84041908)	3.21718c(84041908)	2.36297c(84031008)
300.0	5.13195c(84041908)	3.08112c(84031008)	2.83391c(84030224)	3.04483c(84030224)	2.73683c(84071008)
200.0	4.08116c(84071008)	3.83469c(84122124)	3.13478c(84080708)	3.11033c(84080708)	2.54484c(84080708)
100.0	3.45100c(84010724)	3.50011c(84090408)	3.43989c(84090408)	3.14781c(84090408)	2.76668c(84090408)
0.0	3.71946 (84032916)	3.46966 (84032916)	3.35914 (84032916)	3.20714 (84032916)	3.05574 (84032916)
-100.0	4.10598c(84071408)	4.19349c(84030308)	4.53726c(84030308)	4.60288c(84030308)	4.47247c(84030308)
-200.0	6.46211 (84010608)	4.73619 (84010608)	3.39291c(84022608)	2.95979c(84022608)	2.74595c(84120308)
-300.0	4.34871 (84010608)	4.59622c(84121108)	4.99168c(84121108)	4.74840 (84010608)	4.24860 (84010608)
-400.0	5.40986c(84030924)	3.66609c(84012924)	3.06102c(84082424)	3.04075 (84010608)	3.31817 (84040708)
-500.0	6.66489c(84121008)	5.29455c(84121008)	4.23007c(84030924)	3.01348c(84012924)	2.16409 (84010608)
-600.0	5.90205c(84011708)	3.71003c(84121008)	5.92802c(84121008)	3.67057c(84121008)	3.44060c(84030924)
-700.0	5.37799c(84021808)	5.92042c(84011708)	2.29773c(84110908)	4.17473c(84121008)	4.85690c(84121008)
-800.0	4.31822c(84020208)	4.11032c(84021808)	4.82566c(84011708)	3.22434c(84011708)	2.58368c(84121008)
-900.0	3.10210c(84012608)	3.87847c(84020208)	3.87174c(84121008)	3.68748c(84021808)	3.92110c(84011708)
-1000.0	3.88785c(84013008)	3.04890c(84012608)	3.52494c(84020208)	3.65676c(84121008)	3.74080c(84021808)
-1100.0	4.89094c(84120208)	2.74631c(84013008)	2.95022c(84012608)	3.31408c(84020208)	3.48194c(84121008)
-1200.0	3.53963c(84120908)	4.33651c(84013008)	2.22231c(84011708)	2.86738c(84012608)	3.07922c(84020208)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE MAXIMUM 50 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** CONC OF CO IN MICROGRAMS/CUBIC-METER **

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
1.	27.95691	(84112301) AT (	0.00, -100.00) GC	26.	9.74303	(84032914) AT (	300.00, 0.00) GC
2.	22.42384	(84112306) AT (	0.00, -100.00) GC	27.	9.07158	(84032815) AT (	100.00, 300.00) GC
3.	20.09477	(84032913) AT (	100.00, 0.00) GC	28.	8.99529	(84032904) AT (	200.00, 0.00) GC
4.	18.65894	(84112309) AT (	100.00, -100.00) GC	29.	8.97825	(84092705) AT (	-100.00, -200.00) GC
5.	17.66931	(84032914) AT (	100.00, 0.00) GC	30.	8.92675	(84112313) AT (	200.00, -100.00) GC
6.	17.64445	(84032910) AT (	100.00, 0.00) GC	31.	8.90050	(84032911) AT (	300.00, 0.00) GC
7.	16.88476	(84012309) AT (	-100.00, 0.00) GC	32.	8.89098	(84022815) AT (	200.00, 0.00) GC
8.	16.48446	(84032911) AT (	100.00, 0.00) GC	33.	8.84586	(84012217) AT (	-200.00, -100.00) GC
9.	16.39387	(84032913) AT (	200.00, 0.00) GC	34.	8.66754	(84112309) AT (	200.00, -200.00) GC
10.	15.65416	(84012211) AT (	-100.00, -100.00) GC	35.	8.63931	(84022814) AT (	100.00, 0.00) GC
11.	15.33226	(84022813) AT (	100.00, 0.00) GC	36.	8.35023	(84012211) AT (	-200.00, -200.00) GC
12.	15.21269	(84112301) AT (	0.00, -200.00) GC	37.	8.17486	(84022813) AT (	300.00, 0.00) GC
13.	13.79410	(84022815) AT (	100.00, 0.00) GC	38.	8.16575	(84022913) AT (	300.00, -100.00) GC
14.	13.65927	(84032904) AT (	100.00, 0.00) GC	39.	8.13494	(84032913) AT (	400.00, 0.00) GC
15.	12.70781	(84032914) AT (	200.00, 0.00) GC	40.	7.99386	(84112301) AT (	0.00, -400.00) GC
16.	11.79169	(84112306) AT (	0.00, -200.00) GC	41.	7.98174	(84112306) AT (	0.00, -300.00) GC
17.	11.75451	(84032915) AT (	100.00, 0.00) GC	42.	7.89201	(84022814) AT (	400.00, 100.00) GC
18.	11.37250	(84032913) AT (	300.00, 0.00) GC	43.	7.78192	(84032914) AT (	400.00, 0.00) GC
19.	11.30697	(84032911) AT (	200.00, 0.00) GC	44.	7.75938	(84081116) AT (	-400.00, 300.00) GC
20.	11.07781	(84012308) AT (	-100.00, 0.00) GC	45.	7.68581	(84112310) AT (	300.00, -200.00) GC
21.	10.77849	(84081116) AT (	-300.00, 200.00) GC	46.	7.67162	(84112311) AT (	300.00, -200.00) GC
22.	10.54526	(84022813) AT (	200.00, 0.00) GC	47.	7.26683	(84032911) AT (	400.00, 0.00) GC
23.	10.46530	(84012309) AT (	-200.00, 0.00) GC	48.	7.20329	(84092216) AT (	-200.00, -100.00) GC
24.	10.42844	(84112301) AT (	0.00, -300.00) GC	49.	7.18045	(84092705) AT (	-100.00, -300.00) GC
25.	10.07878	(84032321) AT (	-100.00, 0.00) GC	50.	7.14931	(84032915) AT (	200.00, 0.00) GC

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

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE MAXIMUM 50 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2 ***
 INCLUDING SOURCE(S): 11

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
1.	210.67770	(84072103) AT (	-100.00, 0.00) GC	26.	97.51445	(84081203) AT (	100.00, 100.00) GC
2.	178.50500	(84122107) AT (	-100.00, 0.00) GC	27.	97.51445	(84091004) AT (	100.00, 100.00) GC
3.	172.46920	(84120119) AT (	-100.00, 0.00) GC	28.	93.88206	(84061921) AT (	-100.00, 100.00) GC
4.	169.94280	(84081408) AT (	-100.00, 0.00) GC	29.	93.82620	(84071221) AT (	-100.00, 100.00) GC
5.	137.62910	(84043022) AT (	-100.00, 100.00) GC	30.	92.75085	(84061721) AT (	-200.00, 100.00) GC
6.	137.62910	(84101519) AT (	-100.00, 100.00) GC	31.	92.66909	(84041307) AT (	0.00, 100.00) GC
7.	137.30420	(84061722) AT (	-100.00, 100.00) GC	32.	92.62610	(84110306) AT (	0.00, 100.00) GC
8.	127.87260	(84042603) AT (	-100.00, 100.00) GC	33.	92.42116	(84020603) AT (	100.00, 100.00) GC
9.	127.44430	(84060421) AT (	-100.00, 100.00) GC	34.	92.21369	(84062007) AT (	100.00, 0.00) GC
10.	122.51150	(84091306) AT (	-100.00, 100.00) GC	35.	91.24319	(84080808) AT (	0.00, 100.00) GC
11.	122.49240	(84071604) AT (	-100.00, 100.00) GC	36.	91.13223	(84092918) AT (	0.00, 100.00) GC
12.	117.70420	(84072803) AT (	-100.00, 100.00) GC	37.	90.70576	(84111903) AT (	-100.00, 100.00) GC
13.	117.30830	(84010720) AT (	100.00, 100.00) GC	38.	90.59047	(84112111) AT (	0.00, -100.00) GC
14.	116.72330	(84070224) AT (	-100.00, 100.00) GC	39.	90.47060	(84120603) AT (	100.00, 100.00) GC
15.	115.36030	(84012904) AT (	100.00, 100.00) GC	40.	90.22585	(84011608) AT (	0.00, -100.00) GC
16.	112.98550	(84082705) AT (	100.00, -100.00) GC	41.	90.21790	(84093010) AT (	0.00, 100.00) GC
17.	108.32560	(84121004) AT (	100.00, -100.00) GC	42.	89.97896	(84031223) AT (	100.00, 100.00) GC
18.	108.20870	(84031006) AT (	100.00, -100.00) GC	43.	88.14986	(84120102) AT (	100.00, -100.00) GC
19.	108.13440	(84091021) AT (	100.00, 100.00) GC	44.	87.50470	(84110417) AT (	0.00, -100.00) GC
20.	103.73790	(84091608) AT (	-100.00, 0.00) GC	45.	86.65337	(84061720) AT (	-100.00, 100.00) GC
21.	99.86813	(84021807) AT (	100.00, -100.00) GC	46.	86.59753	(84073023) AT (	-200.00, 100.00) GC
22.	99.77927	(84021806) AT (	100.00, -100.00) GC	47.	85.58040	(84050907) AT (	0.00, 100.00) GC
23.	99.46715	(84090209) AT (	-100.00, 0.00) GC	48.	85.13666	(84013010) AT (	100.00, 0.00) GC
24.	99.39045	(84051306) AT (	100.00, -100.00) GC	49.	84.67789	(84100205) AT (	0.00, -100.00) GC
25.	98.95810	(84022118) AT (	0.00, 100.00) GC	50.	84.29533	(84061803) AT (	-200.00, 100.00) GC

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

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE MAXIMUM 50 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** CONC OF CO IN MICROGRAMS/CUBIC-METER **

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF	TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF	TYPE
1.	210.68850	(84072103) AT (	-100.00,	0.00) GC	26.	97.57565	(84081203) AT (	100.00,	100.00) GC
2.	178.51700	(84122107) AT (	-100.00,	0.00) GC	27.	97.57565	(84091004) AT (	100.00,	100.00) GC
3.	172.46920	(84120119) AT (	-100.00,	0.00) GC	28.	93.91948	(84061921) AT (	-100.00,	100.00) GC
4.	169.94280	(84081408) AT (	-100.00,	0.00) GC	29.	93.86323	(84071221) AT (	-100.00,	100.00) GC
5.	137.72810	(84043022) AT (	-100.00,	100.00) GC	30.	92.86121	(84061721) AT (	-200.00,	100.00) GC
6.	137.72810	(84101519) AT (	-100.00,	100.00) GC	31.	92.66909	(84041307) AT (	0.00,	100.00) GC
7.	137.40320	(84061722) AT (	-100.00,	100.00) GC	32.	92.62610	(84110306) AT (	0.00,	100.00) GC
8.	127.97360	(84042603) AT (	-100.00,	100.00) GC	33.	92.49933	(84020603) AT (	100.00,	100.00) GC
9.	127.54530	(84060421) AT (	-100.00,	100.00) GC	34.	92.21369	(84062007) AT (	100.00,	0.00) GC
10.	122.60760	(84091306) AT (	-100.00,	100.00) GC	35.	91.24319	(84080808) AT (	0.00,	100.00) GC
11.	122.53000	(84071604) AT (	-100.00,	100.00) GC	36.	91.13223	(84092918) AT (	0.00,	100.00) GC
12.	117.73890	(84072803) AT (	-100.00,	100.00) GC	37.	90.79809	(84111903) AT (	-100.00,	100.00) GC
13.	117.37510	(84010720) AT (	100.00,	100.00) GC	38.	90.59047	(84112111) AT (	0.00,	-100.00) GC
14.	116.72330	(84070224) AT (	-100.00,	100.00) GC	39.	90.54910	(84120603) AT (	100.00,	100.00) GC
15.	115.43280	(84012904) AT (	100.00,	100.00) GC	40.	90.22585	(84011608) AT (	0.00,	-100.00) GC
16.	113.08490	(84082705) AT (	100.00,	-100.00) GC	41.	90.21790	(84093010) AT (	0.00,	100.00) GC
17.	108.42560	(84121004) AT (	100.00,	-100.00) GC	42.	89.97896	(84031223) AT (	100.00,	100.00) GC
18.	108.30880	(84031006) AT (	100.00,	-100.00) GC	43.	88.14986	(84120102) AT (	100.00,	-100.00) GC
19.	108.15060	(84091021) AT (	100.00,	100.00) GC	44.	87.50470	(84110417) AT (	0.00,	-100.00) GC
20.	103.73790	(84091608) AT (	-100.00,	0.00) GC	45.	86.70557	(84073023) AT (	-200.00,	100.00) GC
21.	99.96572	(84021807) AT (	100.00,	-100.00) GC	46.	86.65894	(84061720) AT (	-100.00,	100.00) GC
22.	99.87686	(84021806) AT (	100.00,	-100.00) GC	47.	85.58040	(84050907) AT (	0.00,	100.00) GC
23.	99.48808	(84051306) AT (	100.00,	-100.00) GC	48.	85.13666	(84013010) AT (	100.00,	0.00) GC
24.	99.46715	(84090209) AT (	-100.00,	0.00) GC	49.	84.67789	(84100205) AT (	0.00,	-100.00) GC
25.	98.95810	(84022118) AT (	0.00,	100.00) GC	50.	84.37608	(84061803) AT (	-200.00,	100.00) GC

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

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE MAXIMUM 50 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
1.	10.45594	(84032916) AT (	100.00, 0.00) GC	26.	2.27540	(84050216) AT (	-500.00, 1100.00) GC
2.	6.60659	(84032916) AT (	200.00, 0.00) GC	27.	2.25337	(84071816) AT (	-500.00, 1200.00) GC
3.	6.50085	(84112308) AT (	0.00, -100.00) GC	28.	2.25018	(84071816) AT (	-400.00, 1000.00) GC
4.	4.79806	(84032916) AT (	300.00, 0.00) GC	29.	2.24144	(84071816) AT (	-500.00, 1000.00) GC
5.	4.72071	(84022816) AT (	100.00, 0.00) GC	30.	2.20603	(84112316) AT (	500.00, -300.00) GC
6.	3.89949	(84032916) AT (	400.00, 0.00) GC	31.	2.20036	(84050216) AT (	-400.00, 1100.00) GC
7.	3.43521	(84112308) AT (	0.00, -200.00) GC	32.	2.18212	(84071816) AT (	-600.00, 1200.00) GC
8.	3.42760	(84032916) AT (	500.00, 0.00) GC	33.	2.14898	(84032916) AT (	1200.00, 100.00) GC
9.	3.14339	(84032916) AT (	600.00, 0.00) GC	34.	2.13630	(84032916) AT (	1100.00, 100.00) GC
10.	3.07412	(84112316) AT (	300.00, -200.00) GC	35.	2.11060	(84012316) AT (	-100.00, 0.00) GC
11.	3.06272	(84112316) AT (	100.00, -100.00) GC	36.	2.10609	(84050216) AT (	-300.00, 800.00) GC
12.	3.01008	(84032916) AT (	800.00, 0.00) GC	37.	2.09695	(84032916) AT (	1000.00, 100.00) GC
13.	2.93956	(84032916) AT (	700.00, 0.00) GC	38.	2.09090	(84032816) AT (	300.00, 1200.00) GC
14.	2.87865	(84032916) AT (	900.00, 0.00) GC	39.	2.08442	(84071816) AT (	-400.00, 800.00) GC
15.	2.84360	(84032916) AT (	1000.00, 0.00) GC	40.	2.08017	(84050216) AT (	-500.00, 1000.00) GC
16.	2.76206	(84032916) AT (	1100.00, 0.00) GC	41.	2.07131	(84042716) AT (	-500.00, 1100.00) GC
17.	2.66680	(84032916) AT (	1200.00, 0.00) GC	42.	2.06772	(84112316) AT (	1000.00, -600.00) GC
18.	2.52542	(84022816) AT (	200.00, 0.00) GC	43.	2.06443	(84032324) AT (	-100.00, 0.00) GC
19.	2.45692	(84112316) AT (	200.00, -100.00) GC	44.	2.05725	(84071816) AT (	-400.00, 1100.00) GC
20.	2.35738	(84050216) AT (	-400.00, 1000.00) GC	45.	2.05324	(84112316) AT (	700.00, -400.00) GC
21.	2.34613	(84071816) AT (	-500.00, 1100.00) GC	46.	2.04303	(84012308) AT (	-1100.00, -200.00) GC
22.	2.33261	(84050216) AT (	-400.00, 900.00) GC	47.	2.04074	(84042716) AT (	-500.00, 1000.00) GC
23.	2.32967	(84112308) AT (	0.00, -300.00) GC	48.	2.03891	(84050216) AT (	-300.00, 700.00) GC
24.	2.30821	(84071816) AT (	-400.00, 900.00) GC	49.	2.02940	(84050216) AT (	-400.00, 800.00) GC
25.	2.28528	(84050216) AT (	-500.00, 1200.00) GC	50.	2.02373	(84112316) AT (	800.00, -500.00) GC

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

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE MAXIMUM 50 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2
 INCLUDING SOURCE(S): 11

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
1.	39.38762c(84043024)	AT (	-100.00, 100.00) GC	26.	25.56565c(84091308)	AT (	-100.00, 100.00) GC
2.	38.03359c(84122108)	AT (	-100.00, 0.00) GC	27.	25.40636 (84091008)	AT (	100.00, 100.00) GC
3.	37.89105 (84042608)	AT (	-100.00, 100.00) GC	28.	25.35535 (84071508)	AT (	-100.00, 0.00) GC
4.	36.63889 (84090216)	AT (	-100.00, 0.00) GC	29.	24.76159c(84042924)	AT (	-100.00, 0.00) GC
5.	35.93873 (84061724)	AT (	-100.00, 100.00) GC	30.	24.64070 (84030708)	AT (	0.00, 100.00) GC
6.	35.11295c(84072108)	AT (	-100.00, 0.00) GC	31.	24.57271 (84101708)	AT (	-100.00, 0.00) GC
7.	34.49989c(84071224)	AT (	-100.00, 100.00) GC	32.	24.50413 (84070224)	AT (	-100.00, 100.00) GC
8.	34.30600c(84121008)	AT (	100.00, -100.00) GC	33.	23.83161c(84020608)	AT (	100.00, 100.00) GC
9.	33.77078 (84011508)	AT (	0.00, -100.00) GC	34.	23.73014c(84042808)	AT (	-100.00, 100.00) GC
10.	32.45403 (84100124)	AT (	0.00, -100.00) GC	35.	23.52841c(84071608)	AT (	-100.00, 100.00) GC
11.	32.21596 (84100208)	AT (	0.00, -100.00) GC	36.	23.38077c(84082924)	AT (	-200.00, 100.00) GC
12.	32.13279c(84021808)	AT (	100.00, -100.00) GC	37.	23.19145 (84072424)	AT (	-100.00, 0.00) GC
13.	30.96907c(84060424)	AT (	-100.00, 100.00) GC	38.	22.77896c(84040108)	AT (	0.00, -100.00) GC
14.	29.81025 (84073024)	AT (	-200.00, 100.00) GC	39.	22.61565 (84092908)	AT (	100.00, 100.00) GC
15.	29.29433 (84010324)	AT (	0.00, -100.00) GC	40.	22.36887 (84112608)	AT (	-100.00, 0.00) GC
16.	29.26076c(84120124)	AT (	-100.00, 0.00) GC	41.	22.27954c(84111008)	AT (	-100.00, 0.00) GC
17.	28.32380c(84081408)	AT (	-100.00, 0.00) GC	42.	22.16435 (84012016)	AT (	0.00, -100.00) GC
18.	27.75084 (84062924)	AT (	0.00, 100.00) GC	43.	21.91041 (84101924)	AT (	-100.00, 0.00) GC
19.	27.08072 (84111908)	AT (	-100.00, 100.00) GC	44.	21.78414c(84070508)	AT (	-100.00, 0.00) GC
20.	27.07878 (84051008)	AT (	0.00, -100.00) GC	45.	21.76146 (84101624)	AT (	-100.00, 0.00) GC
21.	26.82541 (84072808)	AT (	-100.00, 100.00) GC	46.	21.75390 (84050408)	AT (	0.00, 100.00) GC
22.	26.19386 (84032816)	AT (	0.00, 100.00) GC	47.	21.64617 (84031124)	AT (	-100.00, 0.00) GC
23.	25.79325 (84012008)	AT (	0.00, -100.00) GC	48.	21.60667 (84012808)	AT (	100.00, 0.00) GC
24.	25.60487 (84120608)	AT (	100.00, 100.00) GC	49.	21.49209 (84111508)	AT (	-100.00, 0.00) GC
25.	25.56903c(84101524)	AT (	-100.00, 100.00) GC	50.	21.36572 (84021824)	AT (	-100.00, 0.00) GC

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

*** ISCST2 - VERSION 92062 *** *** FGTC III ST 21 1,8 HOUR CO 100 m GRID 2-23-93 1984
*** ENSR Version 1.00 Level 920408*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

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

		** CONC OF CO		IN MICROGRAMS/CUBIC-METER				**	
GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR	(XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID		
1	HIGH 1ST HIGH VALUE IS	27.95691	ON 84112301: AT (	0.00,	-100.00,	0.00,	0.00) GC E3	
2	HIGH 1ST HIGH VALUE IS	210.67770	ON 84072103: AT (	-100.00,	0.00,	0.00,	0.00) GC E3	
3	HIGH 1ST HIGH VALUE IS	210.68850	ON 84072103: AT (	-100.00,	0.00,	0.00,	0.00) GC E3	

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

*** ISCST2 - VERSION 92062 *** *** FGTC III ST 21 1,8 HOUR CO 100 m GRID 2-23-93 1984
*** ENSR Version 1.00 Level 920408*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

*** CONC OF CO IN MICROGRAMS/CUBIC-METER **

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR	(XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
1	HIGH 1ST HIGH VALUE IS	10.45594	ON 84032916:	AT (	100.00, 0.00, 0.00, 0.00)	GC	E3
2	HIGH 1ST HIGH VALUE IS	39.38762c	ON 84043024:	AT (	-100.00, 100.00, 0.00, 0.00)	GC	E3
3	HIGH 1ST HIGH VALUE IS	39.40505c	ON 84043024:	AT (	-100.00, 100.00, 0.00, 0.00)	GC	E3

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

*** ISCST2 - VERSION 92062 *** *** FGTC III ST 21 1,8 HOUR CO 100 m GRID 2-23-93 1984
*** ENSR Version 1.00 Level 920408*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** Message Summary For ISC2 Model Execution ***

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

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 850 Informational Message(s)

A Total of 850 Calm Hours Identified

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

***** WARNING MESSAGES *****
SO W320 27 PPARM : Source Parameter May Be Out-of-Range for Parameter VS
SO W320 28 PPARM : Source Parameter May Be Out-of-Range for Parameter VS

*** ISCST2 Finishes Successfully ***

ISC MODEL RESULTS
CO 1- AND 8-HOUR
100 METER GRID
YEAR 1985

NO ECHO

*** Message Summary For ISC2 Model Setup ***

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

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

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

***** WARNING MESSAGES *****
SO W320 27 PPARM : Source Parameter May Be Out-of-Range for Parameter VS
SO W320 28 PPARM : Source Parameter May Be Out-of-Range for Parameter VS

*** SETUP Finishes Successfully ***

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

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

**Model Uses RURAL 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 RURAL Mode

**Model Assumes Receptors on FLAT Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

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

**This Run Includes: 3 Source(s); 3 Source Group(s); and 625 Receptor(s)

**The Model Assumes A Pollutant Type of: CO

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

**Output Options Selected:

- Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
- Model Outputs Tables of Overall Maximum Short Term Values (MAXTABLE 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. = 0.0000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SECOND ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/CUBIC-METER

**Input Runstream File: s21C085.dta ; **Output Print File: s21C085.lst

**File for Saving Result Arrays: co.sav

**Detailed Error/Message File: st21co85.err

*** ISCST2 - VERSION 92062 *** *** FGTC III ST 21 1,8 HOUR CO 100 m GRID 2-23-93 1985
 *** ENSR Version 1.00 Level 920408*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR
 *** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

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*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART.	EMISSION RATE (USER UNITS) CATS.	X (METERS)	Y (METERS)	BASE	STACK	STACK	STACK	STACK	BUILDING	EMISSION RATE
					ELEV. (METERS)	HEIGHT (METERS)	TEMP. (DEG.K)	EXIT VEL. (M/SEC)	DIAMETER (METERS)	EXISTS	SCALAR VARY BY
1	0	0.84000E+00	0.0	0.0	0.0	15.24	763.72	55.43	1.01	YES	
2	0	0.84000E+00	0.0	-17.0	0.0	15.24	763.72	55.43	1.01	YES	
11	0	0.80000E-01	-20.0	5.0	0.0	6.10	894.27	44.10	0.09	YES	

*** ISCST2 - VERSION 92062 *** *** FGTC III ST 21 1,8 HOUR CO 100 m GRID 2-23-93 1985
*** ENSR Version 1.00 Level 920408*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
1	1 , 2 ,
2	11 ,
3	1 , 2 , 11 ,

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: 1

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK				
1	9.1,	21.2,	0	2	9.1,	26.5,	0	3	9.1,	31.0,	0	4	9.1,	34.5,	0	5	9.1,	37.0,	0	6	9.1,	38.3,	0
7	9.1,	38.5,	0	8	9.1,	38.5,	0	9	9.1,	37.5,	0	10	9.1,	38.5,	0	11	9.1,	38.5,	0	12	9.1,	38.3,	0
13	9.1,	37.0,	0	14	9.1,	34.5,	0	15	9.1,	31.0,	0	16	9.1,	26.5,	0	17	9.1,	21.2,	0	18	9.1,	15.3,	0
19	9.1,	21.2,	0	20	9.1,	26.5,	0	21	9.1,	31.0,	0	22	9.1,	34.5,	0	23	9.1,	37.0,	0	24	9.1,	38.3,	0
25	9.1,	38.5,	0	26	9.1,	38.5,	0	27	9.1,	37.5,	0	28	9.1,	38.5,	0	29	9.1,	38.5,	0	30	9.1,	38.3,	0
31	9.1,	37.0,	0	32	9.1,	34.5,	0	33	9.1,	31.0,	0	34	9.1,	26.5,	0	35	9.1,	21.2,	0	36	9.1,	15.3,	0

SOURCE ID: 2

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK				
1	9.1,	21.2,	0	2	9.1,	26.5,	0	3	9.1,	31.0,	0	4	9.1,	34.5,	0	5	9.1,	37.0,	0	6	9.1,	38.3,	0
7	9.1,	38.5,	0	8	9.1,	38.5,	0	9	9.1,	37.5,	0	10	9.1,	38.5,	0	11	9.1,	38.5,	0	12	9.1,	38.3,	0
13	9.1,	37.0,	0	14	9.1,	34.5,	0	15	9.1,	31.0,	0	16	9.1,	26.5,	0	17	9.1,	21.2,	0	18	9.1,	15.3,	0
19	9.1,	21.2,	0	20	9.1,	26.5,	0	21	9.1,	31.0,	0	22	9.1,	34.5,	0	23	9.1,	37.0,	0	24	9.1,	38.3,	0
25	9.1,	38.5,	0	26	9.1,	38.5,	0	27	9.1,	37.5,	0	28	9.1,	38.5,	0	29	9.1,	38.5,	0	30	9.1,	38.3,	0
31	9.1,	37.0,	0	32	9.1,	34.5,	0	33	9.1,	31.0,	0	34	9.1,	26.5,	0	35	9.1,	21.2,	0	36	9.1,	15.3,	0

SOURCE ID: 11

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK				
1	5.7,	10.2,	0	2	5.7,	12.6,	0	3	5.7,	54.7,	0	4	5.7,	55.0,	0	5	9.1,	37.0,	0	6	9.1,	38.3,	0
7	9.1,	38.5,	0	8	9.1,	38.5,	0	9	5.7,	17.2,	0	10	9.1,	38.5,	0	11	9.1,	38.5,	0	12	9.1,	38.3,	0
13	9.1,	37.0,	0	14	9.1,	34.5,	0	15	9.1,	31.0,	0	16	5.7,	44.4,	0	17	5.7,	10.2,	0	18	5.7,	7.5,	0
19	5.7,	10.2,	0	20	5.7,	12.6,	0	21	5.7,	54.7,	0	22	5.7,	55.0,	0	23	9.1,	37.0,	0	24	9.1,	38.3,	0
25	9.1,	38.5,	0	26	9.1,	38.5,	0	27	9.1,	37.5,	0	28	9.1,	38.5,	0	29	9.1,	38.5,	0	30	9.1,	38.3,	0
31	9.1,	37.0,	0	32	9.1,	34.5,	0	33	9.1,	31.0,	0	34	5.7,	44.4,	0	35	5.7,	10.2,	0	36	5.7,	7.5,	0

*** ISCST2 - VERSION 92062 *** *** FGTC III ST 21 1,8 HOUR CO 100 m GRID 2-23-93 1985
*** ENSR Version 1.00 Level 920408*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

*** 02/23/93
*** 22:29:48
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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

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

-1200.0,	-1100.0,	-1000.0,	-900.0,	-800.0,	-700.0,	-600.0,	-500.0,	-400.0,	-300.0,
-200.0,	-100.0,	0.0,	100.0,	200.0,	300.0,	400.0,	500.0,	600.0,	700.0,
800.0,	900.0,	1000.0,	1100.0,	1200.0,					

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

-1200.0,	-1100.0,	-1000.0,	-900.0,	-800.0,	-700.0,	-600.0,	-500.0,	-400.0,	-300.0,
-200.0,	-100.0,	0.0,	100.0,	200.0,	300.0,	400.0,	500.0,	600.0,	700.0,
800.0,	900.0,	1000.0,	1100.0,	1200.0,					

*** ISCST2 - VERSION 92062 *** *** FGTC III ST 21 1,8 HOUR CO 100 m GRID 2-23-93 1985
*** ENSR Version 1.00 Level 920408*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

*** 02/23/93
*** 22:29:48
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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

* SOURCE-RECEPTOR COMBINATIONS LESS THAN 1.0 METER OR 3*ZLB *
IN DISTANCE. CALCULATIONS MAY NOT BE PERFORMED.

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
1	0.0 0.0	0.00
2	0.0 0.0	17.00
11	0.0 0.0	20.62

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-1200.00	-1100.00	-1000.00	-900.00	-800.00
1200.0	3.23830 (85032108)	3.05943 (85052111)	3.15964 (85082111)	3.25947 (85061112)	3.39154 (85090110)
1100.0	3.17763 (85112011)	3.27781 (85032108)	3.28673 (85052111)	3.39587 (85082111)	3.44563 (85061112)
1000.0	3.49364 (85082817)	3.28285 (85061813)	3.36969 (85061611)	3.48866 (85052111)	3.62757 (85033012)
900.0	3.27326 (85080714)	3.65271 (85082817)	3.47264 (85061813)	3.55656 (85061611)	3.66007 (85061613)
800.0	3.31511 (85081713)	3.47615 (85061111)	3.70482 (85082817)	3.60048 (85061813)	3.68996 (85082912)
700.0	3.63222 (85101918)	3.52015 (85052214)	3.62016 (85061111)	3.80824 (85033113)	3.61029 (85061813)
600.0	3.46405 (85081212)	3.61617 (85082013)	3.68159 (85082011)	3.53027 (85061111)	3.85901 (85033113)
500.0	3.59479 (85072613)	3.64987 (85072713)	3.65986 (85081212)	3.70386 (85082013)	3.62398 (85052214)
400.0	3.67153 (85082613)	3.76682 (85051914)	3.82988 (85072613)	3.78036 (85072613)	3.49889 (85081212)
300.0	3.72090 (85041811)	3.81562 (85072612)	4.01284 (85082613)	4.06463 (85082613)	3.76542 (85051914)
200.0	3.74948 (85042211)	3.82423 (85042211)	3.96286 (85041111)	4.38593 (85041111)	4.52428 (85041111)
100.0	5.07048 (85062215)	5.09410 (85062215)	4.99452 (85062215)	4.72708 (85062215)	4.24582 (85062215)
0.0	3.74707 (85062215)	3.93361 (85041113)	4.16280 (85041113)	4.33549 (85041113)	4.39811 (85041113)
-100.0	3.82999 (85091712)	4.00668 (85091712)	4.11148 (85091712)	4.09388 (85091712)	3.88775 (85091712)
-200.0	4.19098 (85022113)	4.13628 (85022113)	3.88905 (85041812)	4.29254 (85111907)	4.73131 (85111907)
-300.0	4.24397 (85111907)	4.38061 (85111904)	4.42807 (85111909)	4.25013 (85082812)	4.54779 (85111908)
-400.0	4.15439 (85041220)	4.26325 (85111908)	4.63504 (85111908)	4.42012 (85111910)	4.15106 (85042112)
-500.0	4.14008 (85111908)	4.34279 (85111910)	4.15659 (85030712)	3.93140 (85050512)	4.49143 (85091411)
-600.0	4.02282 (85030712)	3.96119 (85030712)	4.20002 (85101921)	4.08983 (85043014)	4.28420 (85091512)
-700.0	3.90142 (85101921)	3.94970 (85101921)	3.59596 (85031913)	3.98705 (85091512)	4.17682 (85043013)
-800.0	3.64792 (85111901)	3.47903 (85060511)	3.64329 (85051412)	3.80114 (85043013)	4.06304 (85091504)
-900.0	3.26212 (85060511)	3.64881 (85030708)	3.55282 (85082315)	4.00561 (85091504)	3.66971 (85091413)
-1000.0	3.55455 (85030708)	3.41994 (85091504)	3.89824 (85091504)	3.38164 (85050613)	4.09733 (85091416)
-1100.0	3.39782 (85091504)	3.76163 (85091504)	3.18346 (85050613)	3.95680 (85091416)	4.00952 (85091419)
-1200.0	3.60964 (85091504)	2.99686 (85042110)	3.72179 (85091416)	3.92265 (85091414)	3.52445 (85091420)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-700.00	-600.00	-500.00	-400.00	-300.00
1200.0	3.44684 (85041414)	3.47307 (85090112)	3.43454 (85101114)	3.69347 (85090111)	3.51106 (85033013)
1100.0	3.53284 (85082911)	3.68320 (85090113)	3.65561 (85090112)	3.69002 (85090111)	3.89533 (85033013)
1000.0	3.70229 (85061612)	3.87002 (85082911)	4.02780 (85090112)	3.41739 (85031613)	4.09053 (85033013)
900.0	3.94644 (85090114)	3.75851 (85061612)	4.22794 (85090113)	4.03134 (85090112)	4.11315 (85090111)
800.0	3.86083 (85061613)	4.27041 (85061612)	4.07635 (85082911)	4.43837 (85090112)	3.78833 (85090111)
700.0	3.77378 (85082912)	3.95493 (85033012)	4.43009 (85061612)	4.45409 (85090113)	3.92800 (85090112)
600.0	3.42293 (85061813)	3.65851 (85082912)	4.05519 (85033012)	3.97191 (85061612)	4.18538 (85090112)
500.0	3.57400 (85033113)	3.39197 (85081814)	3.53671 (85052414)	3.77594 (85061612)	3.47512 (85090113)
400.0	3.37204 (85081714)	3.27894 (85071011)	2.98642 (85052414)	2.88867 (85052414)	2.65680 (85061612)
300.0	3.60422 (85080312)	3.42036 (85040712)	3.08835 (85040712)	1.81298 (85052414)	1.29527 (85052414)
200.0	4.12597 (85041111)	3.13724 (85082613)	2.66869 (85040712)	1.47194 (85080312)	0.36248 (85052414)
100.0	3.94462 (85042211)	3.33136 (85041111)	2.87930 (85041111)	1.56985 (85041111)	0.25909 (85041111)
0.0	4.27060 (85041113)	3.73810 (85041113)	2.76251 (85040713)	1.50775 (85040713)	0.75803 (85022113)
-100.0	3.90361 (85022113)	4.77243 (85022113)	5.41684 (85082812)	8.76196 (85082812)	12.15814 (85082812)
-200.0	5.38433 (85082812)	6.01728 (85082812)	6.37807 (85111908)	6.41637 (85111910)	7.28997 (85101921)
-300.0	4.68796 (85111908)	4.25263 (85030712)	4.94000 (85101921)	3.14043 (85043014)	6.32555 (85091504)
-400.0	4.27487 (85091411)	4.86881 (85043014)	4.02284 (85043012)	4.86170 (85091504)	5.49529 (85091414)
-500.0	4.45947 (85043014)	4.49447 (85043012)	4.61865 (85043012)	4.46058 (85091413)	5.13231 (85091415)
-600.0	4.44058 (85043013)	4.42964 (85091511)	4.77403 (85091413)	3.70103 (85051513)	2.80521 (85091415)
-700.0	4.28879 (85091511)	4.54793 (85091413)	3.88361 (85091419)	4.45888 (85091415)	3.64274 (85040313)
-800.0	4.12848 (85091413)	4.13689 (85091414)	4.09828 (85091415)	3.07656 (85052713)	3.88097 (85040313)
-900.0	4.05750 (85091416)	4.02543 (85051513)	3.95451 (85091415)	3.77796 (85040313)	3.48541 (85041713)
-1000.0	4.02132 (85091419)	4.29743 (85091415)	3.39364 (85052713)	3.96305 (85040313)	3.19513 (85041713)
-1100.0	3.82293 (85091415)	3.61315 (85091415)	3.42794 (85032510)	3.65280 (85040313)	3.60102 (85040908)
-1200.0	4.07126 (85091415)	3.32732 (85052713)	3.58171 (85040313)	3.47411 (85041713)	3.58190 (85040908)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-200.00	-100.00	0.00	100.00	200.00
1200.0	3.54654 (85052113)	3.71316 (85063015)	3.27651 (85010312)	3.40371 (85072210)	3.73265 (85083114)
1100.0	3.46288 (85052113)	4.00415 (85063015)	3.27195 (85010312)	3.44392 (85072210)	3.87100 (85083114)
1000.0	3.29012 (85083015)	4.25985 (85063015)	3.19366 (85010312)	3.39216 (85072210)	3.90281 (85083111)
900.0	3.56377 (85033013)	4.42929 (85063015)	3.28685 (85071511)	3.23996 (85083114)	4.10044 (85083111)
800.0	3.98822 (85033013)	4.43206 (85063015)	3.36303 (85063015)	3.32338 (85083114)	3.99774 (85083111)
700.0	4.04398 (85033013)	4.15620 (85063015)	3.37950 (85063015)	3.22219 (85071111)	3.43956 (85083111)
600.0	3.35122 (85080412)	3.40794 (85063015)	3.24047 (85062511)	3.28124 (85071111)	3.43051 (85041412)
500.0	2.92065 (85080412)	2.16037 (85063015)	2.43959 (85063015)	2.31283 (85041412)	2.66020 (85041412)
400.0	1.94963 (85090112)	1.04846 (85033013)	1.35189 (85063015)	0.87640 (85083111)	1.14536 (85080214)
300.0	0.68298 (85061612)	0.21405 (85033013)	0.31778 (85063015)	0.16267 (85031608)	0.28663 (85080214)
200.0	0.17632 (85081723)	0.11439 (85112805)	0.15676 (85081724)	0.15120 (85012406)	0.26630 (85052415)
100.0	0.13875 (85041619)	0.15613 (85081723)	0.15190 (85081724)	0.13984 (85070101)	0.13877 (85080106)
0.0	1.17490 (85022113)	2.82659 (85022113)	0.00000 (0)	0.11071 (85081103)	0.13125 (85042507)
-100.0	11.90143 (85111910)	15.07892 (85091504)	0.10420 (85123109)	0.37066 (85021212)	11.00585 (85021206)
-200.0	8.95278 (85091504)	9.65586 (85091415)	0.18183 (85092803)	0.14237 (85081806)	0.15265 (85012318)
-300.0	6.97880 (85091419)	0.26299 (85091415)	0.20546 (85092803)	0.21495 (85081806)	0.21247 (85060911)
-400.0	4.45027 (85091415)	0.34826 (85062713)	0.48967 (85040312)	0.67559 (85060313)	1.14705 (85060911)
-500.0	2.05101 (85040313)	1.00109 (85092512)	1.47465 (85040811)	2.25429 (85060313)	2.13069 (85060911)
-600.0	2.60734 (85040313)	2.09909 (85092512)	2.48585 (85040811)	3.36185 (85040811)	3.08645 (85060313)
-700.0	2.80110 (85062713)	3.04660 (85092512)	2.57019 (85040811)	3.62654 (85040312)	3.14783 (85060313)
-800.0	2.84975 (85062713)	3.57265 (85092512)	2.73510 (85011913)	4.06467 (85040312)	3.30563 (85042811)
-900.0	2.79287 (85092411)	3.84058 (85092512)	3.06939 (85011913)	4.20652 (85040312)	3.34878 (85042811)
-1000.0	2.92880 (85092411)	3.91095 (85092512)	3.28187 (85011913)	4.15058 (85040312)	3.20612 (85042811)
-1100.0	2.99536 (85040913)	3.84528 (85092512)	3.39025 (85011913)	3.97574 (85040312)	3.03651 (85040312)
-1200.0	3.39318 (85040913)	3.69503 (85092512)	3.41702 (85011913)	3.73856 (85040312)	3.20063 (85051512)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	300.00	400.00	500.00	600.00	700.00
1200.0	3.70482 (85083111)	2.96042 (85080117)	3.01680 (85050313)	3.53465 (85050313)	3.19810 (85103112)
1100.0	3.67584 (85083111)	2.87289 (85100515)	3.59825 (85050313)	3.38812 (85050313)	3.56745 (85050311)
1000.0	3.39606 (85083111)	3.02339 (85041411)	3.85402 (85050313)	3.53116 (85050311)	3.55972 (85050311)
900.0	2.87718 (85041411)	3.66752 (85050313)	3.51097 (85050313)	3.86404 (85050311)	3.61337 (85050312)
800.0	3.24426 (85041411)	3.86334 (85050313)	3.80704 (85050311)	3.47627 (85050312)	3.97873 (85050312)
700.0	3.34218 (85041411)	3.25583 (85080214)	3.55518 (85050311)	4.10003 (85050312)	4.31970 (85052415)
600.0	3.12574 (85050313)	3.37001 (85050311)	3.91240 (85050312)	4.63356 (85052415)	3.45779 (85062615)
500.0	2.82699 (85062411)	3.46732 (85062411)	4.68542 (85052415)	3.39127 (85062615)	3.82207 (85050314)
400.0	2.25849 (85062411)	4.01651 (85052415)	2.95232 (85062911)	4.00108 (85050314)	3.86592 (85050314)
300.0	2.20851 (85052415)	1.75787 (85062911)	3.11673 (85050314)	3.34186 (85080311)	3.11661 (85032212)
200.0	0.52533 (85050314)	1.32313 (85080311)	2.83524 (85080311)	3.25889 (85080311)	3.18947 (85060113)
100.0	0.17105 (85081103)	0.78260 (85061011)	2.40130 (85061011)	3.42501 (85072011)	3.32376 (85051713)
0.0	0.15947 (85042507)	0.60720 (85063011)	1.69503 (85063011)	2.66285 (85072011)	3.19864 (85063011)
-100.0	5.33743 (85021206)	0.97114 (85021206)	1.77990 (85042913)	2.72587 (85071613)	3.20287 (85071613)
-200.0	3.72456 (85021212)	5.97380 (85021212)	5.79776 (85021206)	3.07562 (85021206)	2.80261 (85042913)
-300.0	1.58365 (85031813)	2.24835 (85031812)	3.75003 (85021212)	4.19699 (85021212)	4.66382 (85021206)
-400.0	1.83609 (85060911)	3.39494 (85031813)	3.88337 (85031812)	3.27059 (85042812)	3.86884 (85032312)
-500.0	3.23992 (85060911)	3.30127 (85080213)	4.25848 (85031813)	4.46561 (85031812)	3.32097 (85042812)
-600.0	3.31907 (85060911)	3.22740 (85060911)	3.32623 (85041612)	4.35076 (85031813)	4.41122 (85031812)
-700.0	3.79781 (85062413)	2.92284 (85042813)	3.29253 (85051511)	3.33265 (85041612)	4.14010 (85031813)
-800.0	3.76233 (85062413)	3.34540 (85062413)	3.47672 (85051511)	3.21275 (85051511)	3.26757 (85011514)
-900.0	3.25691 (85040311)	4.00278 (85062413)	3.35758 (85071513)	3.71342 (85051511)	3.25521 (85011514)
-1000.0	2.99467 (85123012)	3.94770 (85062413)	3.37891 (85010711)	3.29955 (85051511)	3.57333 (85051511)
-1100.0	3.32139 (85123012)	3.56798 (85040311)	3.67228 (85062413)	3.43192 (85071513)	3.47571 (85051511)
-1200.0	3.40929 (85123012)	3.31198 (85121912)	3.63893 (85062413)	3.33751 (85010711)	3.24207 (85071513)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	800.00	900.00	1000.00	1100.00	1200.00
1200.0	3.34281 (85050311)	2.97548 (85121311)	3.16446 (85100514)	2.94226 (85100513)	2.97598 (85051815)
1100.0	3.22453 (85063009)	3.33775 (85050312)	3.06943 (85100514)	3.16575 (85051815)	3.06910 (85110114)
1000.0	3.53390 (85050312)	3.38002 (85050312)	3.33393 (85051815)	3.24316 (85110114)	2.96037 (85062615)
900.0	3.70676 (85050312)	3.50893 (85052415)	3.37638 (85110114)	3.28989 (85062615)	3.22926 (85062615)
800.0	3.91709 (85052415)	3.43196 (85110114)	3.60375 (85062615)	3.37471 (85062615)	3.25854 (85050314)
700.0	3.35707 (85110114)	3.84249 (85062615)	3.52326 (85050314)	3.61563 (85050314)	3.13521 (85050314)
600.0	3.90081 (85062615)	4.02725 (85050314)	3.76944 (85050314)	3.55244 (85051814)	3.43221 (85051814)
500.0	4.26270 (85050314)	3.58421 (85051814)	3.63729 (85051814)	3.59931 (85032212)	3.48577 (85032212)
400.0	3.49153 (85051814)	3.64269 (85032212)	3.53242 (85032212)	3.12058 (85032211)	3.30144 (85032213)
300.0	3.15942 (85081012)	3.13679 (85032213)	3.42961 (85032213)	3.44847 (85040111)	3.44192 (85040111)
200.0	3.40720 (85060113)	3.41115 (85051714)	3.67688 (85051714)	3.71022 (85051714)	3.64018 (85060211)
100.0	3.83133 (85051713)	4.06161 (85051713)	4.08534 (85051713)	3.97406 (85051713)	3.78385 (85051713)
0.0	3.36325 (85063011)	3.33675 (85063011)	3.38617 (85062814)	3.39210 (85062814)	3.33079 (85062814)
-100.0	3.32963 (85041614)	3.33778 (85041614)	3.21252 (85041614)	3.31759 (85092611)	3.38383 (85092611)
-200.0	3.32787 (85092613)	3.65930 (85092612)	3.86452 (85092612)	3.84925 (85092612)	3.69153 (85092612)
-300.0	3.88841 (85021206)	3.61227 (85051813)	3.54084 (85051813)	3.51571 (85092613)	3.59702 (85092613)
-400.0	3.98124 (85021212)	4.17475 (85021206)	4.38984 (85021206)	3.61651 (85021206)	3.59187 (85051813)
-500.0	3.92026 (85032312)	3.91883 (85032312)	4.08558 (85021212)	3.76341 (85021206)	4.22071 (85021206)
-600.0	3.59640 (85031812)	3.40864 (85032312)	3.83438 (85032312)	3.90012 (85021212)	3.96460 (85021212)
-700.0	4.08848 (85031812)	3.64623 (85032313)	3.56125 (85021211)	3.37553 (85032312)	3.44210 (85032312)
-800.0	3.80603 (85031813)	3.67574 (85031812)	3.54662 (85032313)	3.53823 (85021211)	3.29378 (85021211)
-900.0	3.28766 (85012113)	3.44607 (85051313)	3.32380 (85031813)	3.33119 (85092610)	3.26960 (85021211)
-1000.0	3.33930 (85011514)	3.22708 (85041613)	3.32778 (85051313)	3.13853 (85060311)	3.15119 (85092610)
-1100.0	3.29140 (85122512)	3.27855 (85011514)	3.14506 (85041613)	3.15999 (85051313)	2.98392 (85060311)
-1200.0	3.37675 (85051511)	3.19930 (85122512)	3.19583 (85010512)	3.00992 (85041613)	2.96979 (85051313)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2 ***
 INCLUDING SOURCE(S): 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	-1200.00	-1100.00	-1000.00	-900.00	-800.00
1200.0	11.50001 (85092122)	14.77847 (85081723)	12.51201 (85032924)	13.13686 (85040604)	13.98467 (85042820)
1100.0	12.31205 (85081702)	12.51796 (85092122)	15.10417 (85081723)	14.20905 (85032924)	14.61526 (85062604)
1000.0	12.72242 (85031121)	13.30667 (85081702)	14.00500 (85092122)	14.88512 (85081723)	16.20142 (85032824)
900.0	13.34640 (85042722)	14.07739 (85031121)	14.53770 (85081702)	15.79913 (85092122)	17.43911 (85032822)
800.0	12.31403 (85092720)	14.83584 (85052824)	16.22765 (85040801)	15.57657 (85081702)	18.37836 (85081723)
700.0	14.21349 (85072903)	15.75293 (85092720)	16.19657 (85052824)	18.36298 (85071321)	18.85113 (85070424)
600.0	14.21938 (85032903)	15.09311 (85042421)	17.95378 (85072903)	16.96840 (85092720)	21.28404 (85042722)
500.0	12.89618 (85121001)	17.06368 (85080602)	17.53675 (85032903)	16.39232 (85042421)	21.98177 (85092720)
400.0	12.43372 (85091024)	16.13826 (85101503)	17.61003 (85101503)	21.93540 (85121001)	22.35432 (85032903)
300.0	14.91067 (85111702)	18.43774 (85111702)	20.42512 (85070423)	17.68461 (85091024)	25.47807 (85101503)
200.0	12.08948 (85111101)	17.62723 (85111101)	21.01105 (85111101)	17.74063 (85111101)	23.77711 (85111702)
100.0	16.64555 (85020422)	16.78625 (85020422)	16.28625 (85011921)	22.16983 (85011921)	27.56017 (85011921)
0.0	16.22118 (85111705)	18.04953 (85111705)	20.24670 (85111705)	22.92804 (85111705)	26.26160 (85111705)
-100.0	10.57547 (85090401)	14.55835 (85090401)	19.36972 (85090401)	23.99766 (85090401)	25.84568 (85090401)
-200.0	10.39842 (85112524)	15.38585 (85061203)	21.00901 (85061203)	20.09281 (85061203)	19.96329 (85102603)
-300.0	12.75290 (85102603)	9.53106 (85102603)	10.25956 (85101601)	8.66027 (85082321)	15.19722 (85112406)
-400.0	6.52609 (85082321)	9.74010 (85112406)	12.28142 (85112406)	10.54227 (85111619)	14.75968 (85121519)
-500.0	9.14582 (85112406)	8.21198 (85121519)	11.94664 (85121519)	8.66413 (85092222)	22.91175 (85090504)
-600.0	9.89326 (85121519)	7.13895 (85042406)	14.28136 (85090504)	18.97680 (85082105)	12.88440 (85071202)
-700.0	7.69870 (85090504)	15.77460 (85090504)	11.32835 (85082105)	9.42422 (85071202)	16.97475 (85071301)
-800.0	13.82195 (85082105)	9.72341 (85071202)	11.32854 (85071301)	12.99303 (85071301)	7.96397 (85021801)
-900.0	8.60158 (85071202)	12.23405 (85071301)	10.05378 (85071301)	6.76035 (85021801)	9.14491 (85092824)
-1000.0	12.09184 (85071301)	7.89441 (85071301)	5.80710 (85021801)	7.66244 (85092422)	8.76387 (85092005)
-1100.0	6.58625 (85092503)	5.04212 (85021801)	6.55943 (85092422)	9.32924 (85092005)	7.08086 (85032523)
-1200.0	4.42015 (85021801)	5.52702 (85092422)	8.71220 (85092005)	4.07534 (85032523)	6.91557 (85032523)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2 ***
 INCLUDING SOURCE(S): 11

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-700.00	-600.00	-500.00	-400.00	-300.00
1200.0	11.32568 (85080405)	15.25847 (85041320)	12.09492 (85100401)	12.17710 (85040723)	12.51082 (85080803)
1100.0	15.76206 (85072502)	16.55809 (85113002)	13.56469 (85102806)	13.07518 (85120102)	13.06397 (85031521)
1000.0	16.83123 (85072203)	16.68461 (85080405)	18.77632 (85041320)	12.40820 (85121220)	13.05236 (85102924)
900.0	17.14422 (85032824)	19.67174 (85042820)	20.68070 (85113002)	13.28753 (85112920)	13.85966 (85040723)
800.0	19.60233 (85032822)	21.54165 (85040604)	22.92305 (85080405)	23.67471 (85041320)	15.01410 (85120102)
700.0	21.68135 (85081723)	23.53041 (85042422)	24.97471 (85062604)	25.69568 (85113002)	15.40369 (85100401)
600.0	23.51323 (85070424)	26.00861 (85081723)	28.21678 (85032924)	29.88741 (85042820)	32.70502 (85102806)
500.0	25.51557 (85052824)	27.51450 (85031121)	31.82862 (85081723)	33.78089 (85032824)	30.25536 (85072805)
400.0	24.98479 (85072903)	25.24838 (85092720)	33.94470 (85040801)	40.23503 (85081723)	43.53422 (85062604)
300.0	28.06696 (85121001)	29.83473 (85032903)	36.72649 (85072903)	44.13858 (85071321)	51.62011 (85081723)
200.0	30.59262 (85020421)	28.26425 (85091024)	35.70846 (85101503)	45.70380 (85042421)	52.14137 (85052824)
100.0	28.30629 (85011921)	25.93882 (85111101)	43.53087 (85111101)	48.11417 (85111702)	59.24090 (85091024)
0.0	30.50212 (85111705)	36.05579 (85111705)	43.59742 (85111705)	54.52459 (85111705)	71.26837 (85111705)
-100.0	21.18910 (85090401)	25.34562 (85061203)	42.81406 (85061203)	35.59274 (85102603)	34.06906 (85092808)
-200.0	14.42042 (85101601)	14.87664 (85112406)	21.68475 (85112406)	24.28273 (85121519)	34.49588 (85082105)
-300.0	13.85750 (85111619)	18.73414 (85121519)	36.46112 (85090504)	24.21179 (85071301)	19.57915 (85021801)
-400.0	14.50688 (85090504)	27.43242 (85082105)	31.55169 (85071301)	16.92601 (85021801)	19.50425 (85051113)
-500.0	15.41701 (85071202)	28.04111 (85071301)	14.00963 (85021801)	10.98693 (85071416)	13.81317 (85080524)
-600.0	22.16372 (85071301)	11.47978 (85021801)	14.79726 (85092005)	11.82526 (85051113)	13.69635 (85092504)
-700.0	9.50128 (85021801)	13.53662 (85092005)	13.36181 (85032523)	11.27377 (85071205)	15.23271 (85071802)
-800.0	11.11400 (85092024)	7.79972 (85032523)	13.35743 (85080524)	14.01174 (85061222)	10.17853 (85092421)
-900.0	6.56682 (85092005)	8.61795 (85032523)	10.19114 (85071205)	13.19101 (85071802)	13.46173 (85072804)
-1000.0	9.74704 (85032523)	13.03277 (85080524)	12.99071 (85061222)	10.92737 (85071802)	13.54617 (85123103)
-1100.0	8.42667 (85080524)	8.85753 (85071205)	9.42660 (85071802)	7.83806 (85092421)	13.10248 (85080503)
-1200.0	10.97714 (85080524)	11.65794 (85061222)	11.94183 (85071802)	10.33117 (85072804)	11.12425 (85080503)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2 ***
 INCLUDING SOURCE(S): 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	-200.00	-100.00	0.00	100.00	200.00
1200.0	12.51867 (85010719)	12.77866 (85032921)	12.83597 (85041501)	11.83585 (85062602)	12.38342 (85041503)
1100.0	13.37565 (85010719)	13.49444 (85032921)	13.55822 (85041501)	12.86499 (85041323)	13.17261 (85040603)
1000.0	14.00280 (85022820)	13.90781 (85040724)	14.21963 (85041501)	14.14367 (85080321)	13.70710 (85041504)
900.0	14.82963 (85011623)	14.97586 (85040724)	14.90236 (85041501)	14.19044 (85080321)	14.85788 (85042524)
800.0	15.23134 (85080803)	15.34684 (85040422)	15.10473 (85041501)	14.98071 (85080921)	14.82553 (85052424)
700.0	15.49992 (85113020)	15.70232 (85101224)	16.15969 (85010720)	16.05198 (85121308)	15.49296 (85110303)
600.0	16.77805 (85013020)	16.68794 (85011624)	17.15756 (85010720)	16.71347 (85011708)	16.47885 (85051303)
500.0	19.19478 (85073008)	18.56853 (85031220)	17.98215 (85010720)	18.56936 (85110604)	17.90372 (85021524)
400.0	47.32635 (85102806)	23.18232 (85072207)	23.17327 (85020321)	26.02395 (85030109)	19.11909 (85052601)
300.0	58.78465 (85080405)	38.14278 (85071820)	34.91445 (85052320)	31.52591 (85041508)	27.02646 (85041509)
200.0	74.40558 (85020407)	47.36978 (85073008)	57.38369 (85080807)	45.64325 (85042916)	67.91662 (85040323)
100.0	93.07517 (85042421)	137.92840 (85042422)	92.80842 (85070317)	115.20970 (85071803)	80.05532 (85062303)
0.0	101.80100 (85050204)	206.73240 (85073003)	61.43078 (85061008)	81.22549 (85041618)	52.37387 (85071420)
-100.0	42.23248 (85090504)	78.01872 (85071416)	93.25642 (85121601)	114.43340 (85121906)	78.80530 (85022807)
-200.0	37.14680 (85121517)	45.65466 (85121618)	54.67107 (85070808)	82.03661 (85021807)	67.14546 (85071123)
-300.0	27.77111 (85051113)	37.41458 (85111002)	35.72164 (85022005)	33.90899 (85072807)	56.20827 (85011605)
-400.0	23.68555 (85022008)	17.88671 (85032520)	27.00696 (85022005)	25.83299 (85012410)	44.85435 (85081104)
-500.0	18.45359 (85121618)	18.45972 (85100622)	20.27914 (85022005)	19.32872 (85040409)	30.30069 (85102905)
-600.0	16.21694 (85072804)	16.26385 (85092104)	17.14545 (85122803)	16.80064 (85011523)	16.74991 (85121924)
-700.0	15.26383 (85080503)	11.91845 (85120107)	16.07642 (85122803)	15.77489 (85102823)	15.72264 (85012919)
-800.0	14.21058 (85070224)	14.63047 (85120107)	15.18465 (85032521)	15.28216 (85013007)	15.14656 (85071905)
-900.0	14.73994 (85052323)	15.02922 (85120107)	14.92754 (85032521)	14.81801 (85013007)	13.52455 (85120224)
-1000.0	14.23943 (85122724)	13.84521 (85120107)	14.21394 (85032521)	13.03986 (85121823)	13.72785 (85073124)
-1100.0	12.56464 (85122724)	13.56545 (85122805)	13.53431 (85032521)	13.43782 (85121823)	13.21326 (85040822)
-1200.0	12.20812 (85082006)	12.78801 (85122805)	12.80186 (85032521)	12.60898 (85121823)	12.44863 (85112907)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2
 INCLUDING SOURCE(S): 11

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	300.00	400.00	500.00	600.00	700.00
1200.0	10.96467 (85042524)	12.16478 (85032901)	11.70251 (85031403)	11.51300 (85110205)	11.46772 (85110206)
1100.0	13.07445 (85052424)	12.95236 (85080904)	12.60844 (85012007)	12.01755 (85020603)	10.19143 (85070824)
1000.0	13.97707 (85012721)	13.61931 (85062723)	13.06637 (85121223)	11.60926 (85110206)	12.55907 (85060806)
900.0	14.70560 (85122302)	14.52916 (85012007)	13.97496 (85020603)	13.45696 (85121123)	12.01491 (85053002)
800.0	15.17035 (85110305)	14.98817 (85121223)	13.44625 (85070824)	14.13889 (85053002)	13.69274 (85020308)
700.0	15.79449 (85012007)	15.48847 (85110206)	15.27984 (85032904)	14.55674 (85020308)	18.70524 (85012323)
600.0	16.14022 (85080603)	16.05274 (85010804)	15.40500 (85102923)	23.06151 (85012323)	22.27809 (85113023)
500.0	16.99021 (85020224)	16.41113 (85030124)	29.11051 (85012323)	26.63892 (85072001)	23.89692 (85010806)
400.0	20.16530 (85041509)	37.60564 (85012323)	33.24385 (85012006)	28.46385 (85081006)	24.40847 (85051203)
300.0	49.02479 (85070101)	42.09987 (85010806)	35.32701 (85052204)	30.64300 (85021301)	27.50326 (85031504)
200.0	53.05639 (85081006)	41.80753 (85071604)	38.41643 (85122303)	37.61114 (85081103)	28.87077 (85070122)
100.0	60.26060 (85011920)	49.34531 (85012801)	40.33527 (85110703)	34.19623 (85120203)	28.87513 (85073104)
0.0	36.91365 (85071420)	26.24137 (85071420)	19.41446 (85071420)	16.65552 (85021507)	15.77845 (85042605)
-100.0	60.87062 (85092405)	51.53732 (85081803)	43.86279 (85092106)	33.84513 (85040423)	29.44695 (85042502)
-200.0	55.10574 (85010705)	45.85397 (85022807)	37.46876 (85092707)	32.77835 (85092405)	28.88164 (85042504)
-300.0	47.35661 (85040704)	41.93848 (85122405)	40.91465 (85100506)	31.29207 (85022807)	27.57031 (85062501)
-400.0	41.32968 (85032405)	37.08794 (85040704)	32.85606 (85052803)	29.36640 (85010705)	30.63814 (85100506)
-500.0	39.84579 (85061223)	32.91705 (85010823)	29.78257 (85040704)	26.90285 (85042601)	30.90158 (85122405)
-600.0	28.74190 (85071906)	29.14303 (85051104)	26.69146 (85050905)	24.50401 (85040704)	22.75370 (85021806)
-700.0	26.67294 (85102905)	26.11083 (85120106)	24.11910 (85011605)	22.39217 (85050905)	20.57784 (85040704)
-800.0	15.33982 (85122224)	22.60714 (85071906)	28.21508 (85061223)	20.43037 (85032405)	19.39643 (85011005)
-900.0	14.14594 (85032804)	21.18588 (85102905)	20.22878 (85021807)	19.00944 (85061223)	17.39923 (85032405)
-1000.0	13.69095 (85042505)	13.59197 (85123101)	18.09683 (85071906)	18.18209 (85061223)	16.38687 (85011605)
-1100.0	13.09824 (85071403)	13.10559 (85011604)	16.76987 (85102905)	15.95032 (85081104)	20.62896 (85061223)
-1200.0	12.41956 (85071905)	13.34231 (85092804)	11.92977 (85123101)	14.81383 (85071906)	14.28216 (85120106)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2 ***
 INCLUDING SOURCE(S): 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

*** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	800.00	900.00	1000.00	1100.00	1200.00
1200.0	10.63211 (85121123)	10.44547 (85053002)	9.98622 (85072006)	8.97494 (85032902)	9.07503 (85041523)
1100.0	11.64104 (85032904)	11.20641 (85072006)	9.44214 (85020308)	9.75580 (85041523)	16.27548 (85070101)
1000.0	11.73997 (85072006)	10.81911 (85020308)	11.16344 (85012323)	17.64696 (85070101)	12.63695 (85072001)
900.0	12.29745 (85020308)	13.05231 (85012323)	18.59504 (85070101)	13.68324 (85072001)	12.93426 (85071024)
800.0	15.48875 (85012323)	18.63969 (85070101)	15.75206 (85071803)	14.45543 (85010806)	12.18805 (85110204)
700.0	19.31816 (85113023)	18.10147 (85012006)	16.51474 (85110204)	15.34563 (85081006)	14.08329 (85052204)
600.0	20.84539 (85071024)	17.15270 (85081006)	17.37639 (85052204)	16.14880 (85051203)	14.96482 (85021301)
500.0	20.02383 (85081006)	19.96334 (85051203)	18.45114 (85021301)	16.75454 (85071604)	15.44352 (85031504)
400.0	23.40546 (85021301)	20.97864 (85062303)	19.19287 (85122303)	17.40476 (85081103)	21.23816 (85081103)
300.0	24.64327 (85012324)	27.86415 (85081103)	19.81962 (85011920)	17.78416 (85070122)	15.62160 (85012801)
200.0	25.17801 (85012801)	22.67369 (85121201)	20.27450 (85010921)	18.34823 (85110703)	16.63678 (85120203)
100.0	20.30568 (85073104)	20.81639 (85110619)	20.36764 (85110619)	18.53401 (85110619)	16.17561 (85110619)
0.0	15.27454 (85030205)	14.81426 (85030205)	14.02159 (85030205)	13.32815 (85030205)	12.61762 (85030205)
-100.0	25.73247 (85092107)	22.33188 (85092107)	17.41009 (85092107)	13.19244 (85030206)	12.67764 (85030206)
-200.0	31.58575 (85081803)	27.61517 (85092106)	24.86605 (85092106)	17.96379 (85040423)	16.14957 (85040423)
-300.0	24.07556 (85121805)	21.57224 (85092405)	18.68576 (85042504)	19.11962 (85081803)	21.67842 (85081803)
-400.0	23.16731 (85022807)	20.96964 (85122404)	18.75650 (85092707)	17.37727 (85121805)	15.59263 (85092405)
-500.0	21.76270 (85010505)	21.19244 (85100506)	18.05003 (85022807)	16.63470 (85122404)	14.88466 (85092707)
-600.0	20.62830 (85122405)	18.83573 (85010705)	21.67119 (85100506)	15.83636 (85012705)	14.57097 (85022807)
-700.0	19.18764 (85121906)	17.46831 (85021805)	21.81834 (85122405)	15.31983 (85010505)	19.26008 (85100506)
-800.0	17.57536 (85040704)	16.80451 (85121906)	15.52396 (85052803)	18.48515 (85122405)	13.35274 (85010705)
-900.0	16.84629 (85011005)	15.36018 (85121521)	14.52193 (85011606)	13.88285 (85042601)	12.70037 (85021805)
-1000.0	15.61985 (85092406)	14.41338 (85011005)	13.64106 (85121521)	13.19366 (85011606)	12.24307 (85042601)
-1100.0	14.33799 (85021803)	13.84533 (85010823)	13.04805 (85122723)	12.46661 (85121521)	12.02681 (85011606)
-1200.0	14.94873 (85061223)	12.83300 (85021803)	12.58773 (85010823)	12.05449 (85122723)	11.24921 (85121521)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

 ** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	-700.00	-600.00	-500.00	-400.00	-300.00
1200.0	11.84688 (85080405)	15.79339 (85041320)	12.60143 (85100401)	12.67388 (85040723)	12.95571 (85080803)
1100.0	16.27778 (85072502)	17.04290 (85113002)	14.01105 (85102806)	13.49816 (85120102)	13.44965 (85031521)
1000.0	17.27951 (85072203)	17.13084 (85080405)	19.19649 (85041320)	12.78162 (85121220)	13.36653 (85102924)
900.0	17.57469 (85032824)	20.07051 (85042820)	21.04125 (85113002)	13.61071 (85112920)	14.20402 (85040723)
800.0	20.00017 (85032822)	21.90116 (85040604)	23.25097 (85080405)	23.99304 (85041320)	15.27908 (85120102)
700.0	22.01121 (85081723)	23.85958 (85042422)	25.27796 (85062604)	25.93950 (85113002)	15.65376 (85100401)
600.0	23.84181 (85070424)	26.30358 (85081723)	28.48547 (85032924)	30.13546 (85042820)	32.91662 (85102806)
500.0	25.81650 (85052824)	27.78294 (85031121)	32.09240 (85081723)	33.99924 (85032824)	30.41927 (85072805)
400.0	25.25230 (85072903)	25.47150 (85092720)	34.16013 (85040801)	40.46444 (85081723)	43.69506 (85062604)
300.0	28.32583 (85121001)	30.04370 (85032903)	36.91656 (85072903)	44.30726 (85071321)	51.82050 (85081723)
200.0	30.83393 (85020421)	28.44253 (85091024)	35.86801 (85101503)	45.85686 (85042421)	52.27209 (85052824)
100.0	28.50366 (85011921)	26.13404 (85111101)	43.69037 (85111101)	48.25837 (85111702)	59.33359 (85091024)
0.0	30.70101 (85111705)	36.22401 (85111705)	43.74068 (85111705)	54.64790 (85111705)	71.37611 (85111705)
-100.0	21.42309 (85090401)	25.46183 (85061203)	42.96599 (85061203)	35.70038 (85102603)	34.06906 (85092808)
-200.0	14.58031 (85101601)	14.93878 (85112406)	21.82267 (85112406)	24.39494 (85121519)	34.62281 (85082105)
-300.0	14.03934 (85111619)	18.91325 (85121519)	36.59558 (85090504)	24.27833 (85071301)	19.63933 (85021801)
-400.0	14.61054 (85090504)	27.66402 (85082105)	31.68619 (85071301)	17.00759 (85021801)	19.50594 (85051113)
-500.0	15.61867 (85071202)	28.26147 (85071301)	14.12210 (85021801)	11.01766 (85071416)	13.98950 (85080524)
-600.0	22.47202 (85071301)	11.62577 (85021801)	15.01038 (85092005)	11.88048 (85051113)	13.78546 (85092504)
-700.0	9.68829 (85021801)	13.75439 (85092005)	13.55289 (85032523)	11.38390 (85071205)	15.45906 (85071802)
-800.0	11.40540 (85092024)	7.92815 (85032523)	13.57766 (85080524)	14.30990 (85061222)	10.30290 (85092421)
-900.0	6.94904 (85092005)	8.99192 (85032523)	10.39963 (85071205)	13.43062 (85071802)	13.71294 (85072804)
-1000.0	10.13609 (85032523)	13.41801 (85080524)	13.38616 (85061222)	11.32523 (85071802)	13.90121 (85070223)
-1100.0	8.67159 (85080524)	9.19208 (85071205)	9.66279 (85071802)	8.09787 (85092421)	13.46138 (85080503)
-1200.0	11.52630 (85080524)	12.16313 (85061222)	12.42282 (85071802)	10.70417 (85072804)	11.60097 (85080503)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-200.00	-100.00	0.00	100.00	200.00
1200.0	12.99283 (85010719)	13.22584 (85032921)	13.26072 (85041501)	12.30173 (85062602)	12.84417 (85041503)
1100.0	13.74931 (85010719)	13.86628 (85032921)	13.93980 (85041501)	13.20843 (85041323)	13.57658 (85040603)
1000.0	14.33677 (85022820)	14.26786 (85040724)	14.56113 (85041501)	14.46354 (85080321)	14.06830 (85041504)
900.0	15.11597 (85011623)	15.26297 (85040724)	15.20286 (85041501)	14.50436 (85080321)	15.13130 (85042524)
800.0	15.50658 (85080803)	15.61038 (85040422)	15.36815 (85041501)	15.19707 (85080921)	15.03667 (85052424)
700.0	15.71507 (85113020)	15.90345 (85101224)	16.32374 (85010720)	16.21825 (85121308)	15.65038 (85110303)
600.0	16.94903 (85013020)	16.82924 (85011624)	17.29663 (85010720)	16.86468 (85011708)	16.63120 (85051303)
500.0	19.20327 (85073008)	18.66728 (85031220)	18.10053 (85010720)	18.65068 (85110604)	17.99750 (85021524)
400.0	47.47883 (85102806)	23.18232 (85072207)	23.17345 (85020321)	26.02414 (85030109)	19.19281 (85052601)
300.0	58.91026 (85080405)	38.14278 (85071820)	34.91445 (85052320)	31.52591 (85041508)	27.02648 (85041509)
200.0	74.52635 (85020407)	47.36978 (85073008)	57.38369 (85080807)	45.64325 (85042916)	68.00761 (85040323)
100.0	93.18551 (85042421)	138.02730 (85042422)	92.80842 (85070317)	115.27690 (85071803)	80.13602 (85062303)
0.0	101.89110 (85050204)	206.73250 (85073003)	61.43078 (85061008)	81.22549 (85041618)	52.37387 (85071420)
-100.0	42.28725 (85090504)	78.01872 (85071416)	93.25642 (85121601)	114.53260 (85121906)	78.91250 (85022807)
-200.0	37.14680 (85121517)	45.65466 (85121618)	54.67107 (85070808)	82.14209 (85021807)	67.26404 (85071123)
-300.0	27.77112 (85051113)	37.41458 (85111002)	35.72164 (85022005)	33.90899 (85072807)	56.33594 (85011605)
-400.0	23.68594 (85022008)	17.96497 (85032520)	27.00702 (85022005)	25.83309 (85012410)	44.99093 (85081104)
-500.0	18.45768 (85121618)	18.54754 (85100622)	20.28087 (85022005)	19.33090 (85040409)	30.42702 (85102905)
-600.0	16.36894 (85072804)	16.39347 (85092104)	17.28079 (85122803)	16.93694 (85040203)	16.91257 (85121924)
-700.0	15.45038 (85080503)	12.04601 (85120107)	16.23644 (85122803)	15.94511 (85102823)	15.93061 (85012919)
-800.0	14.38796 (85070224)	14.82886 (85120107)	15.44271 (85032521)	15.55067 (85013007)	15.41839 (85071905)
-900.0	15.00349 (85052323)	15.30422 (85120107)	15.22214 (85032521)	15.08215 (85013007)	13.78231 (85120224)
-1000.0	14.55723 (85122724)	14.19506 (85120107)	14.54940 (85032521)	13.40625 (85121823)	14.08854 (85073124)
-1100.0	12.98287 (85122724)	13.92693 (85122805)	13.90993 (85032521)	13.83052 (85121823)	13.61790 (85040822)
-1200.0	12.57856 (85082006)	13.22627 (85122805)	13.22034 (85032521)	13.01164 (85121823)	12.90835 (85112907)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	300.00	400.00	500.00	600.00	700.00
1200.0	11.45317 (85042524)	12.64660 (85032901)	12.11846 (85062723)	12.03907 (85110205)	11.99142 (85110206)
1100.0	13.48252 (85052424)	13.34831 (85080904)	13.06306 (85012007)	12.41238 (85121401)	10.67723 (85070824)
1000.0	14.30478 (85012721)	13.96153 (85062723)	13.39818 (85121223)	12.05742 (85110206)	12.96781 (85060806)
900.0	14.98050 (85122302)	14.85234 (85012007)	14.31523 (85020603)	13.78312 (85121123)	12.44306 (85053002)
800.0	15.41798 (85110305)	15.24561 (85121223)	13.72241 (85070824)	14.44888 (85053002)	14.04839 (85020308)
700.0	15.99678 (85012007)	15.72764 (85110206)	15.52049 (85032904)	14.81718 (85020308)	18.93613 (85012323)
600.0	16.30432 (85080603)	16.23484 (85010804)	15.63334 (85102923)	23.25845 (85012323)	22.58261 (85113023)
500.0	17.09256 (85020224)	16.56422 (85030124)	29.27883 (85012323)	26.88045 (85072001)	24.17939 (85010806)
400.0	20.16780 (85041509)	37.74526 (85012323)	33.40927 (85012006)	28.64421 (85081006)	24.60387 (85051203)
300.0	49.16782 (85070101)	42.22912 (85010806)	35.49708 (85052204)	30.85316 (85021301)	27.71518 (85031504)
200.0	53.16830 (85081006)	41.90981 (85071604)	38.57713 (85122303)	37.86184 (85081103)	29.08195 (85070122)
100.0	60.35457 (85011920)	49.47159 (85012801)	40.47491 (85110703)	34.38215 (85120203)	29.10390 (85073104)
0.0	36.91365 (85071420)	26.24146 (85071420)	19.41668 (85071420)	16.79561 (85021507)	15.97758 (85042605)
-100.0	60.99202 (85092405)	51.73156 (85081803)	44.06974 (85092106)	34.02851 (85040423)	29.68050 (85042502)
-200.0	55.23851 (85010705)	46.00547 (85022807)	37.63786 (85092707)	32.98556 (85092405)	29.11977 (85042504)
-300.0	47.50442 (85040704)	42.15471 (85122405)	41.16253 (85100506)	31.51581 (85022807)	27.82486 (85062501)
-400.0	41.49617 (85032405)	37.27372 (85040704)	33.06833 (85052803)	29.61178 (85010705)	30.95385 (85100506)
-500.0	40.07179 (85061223)	33.12290 (85010823)	30.01798 (85040704)	27.16710 (85042601)	31.25204 (85122405)
-600.0	28.96739 (85071906)	29.37492 (85051104)	26.94718 (85050905)	24.79010 (85040704)	23.08024 (85021806)
-700.0	26.89515 (85102905)	26.37144 (85120106)	24.42156 (85011605)	22.71780 (85050905)	20.92298 (85040704)
-800.0	15.60794 (85122224)	22.92010 (85071906)	28.58410 (85061223)	20.77434 (85032405)	19.78194 (85011005)
-900.0	14.48189 (85032804)	21.52125 (85102905)	20.59272 (85021807)	19.41893 (85061223)	17.82996 (85032405)
-1000.0	14.03250 (85042505)	13.95841 (85123101)	18.51230 (85071906)	18.53817 (85061223)	16.83706 (85011605)
-1100.0	13.51147 (85071403)	13.52634 (85011604)	17.22594 (85102905)	16.43345 (85081104)	21.16251 (85061223)
-1200.0	12.86314 (85071905)	13.85478 (85092804)	12.44605 (85123101)	15.34449 (85071906)	14.82751 (85120106)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	800.00	900.00	1000.00	1100.00	1200.00
1200.0	11.10251 (85121123)	10.96756 (85053002)	10.65097 (85072006)	9.49249 (85032902)	9.83792 (85041523)
1100.0	12.12150 (85032904)	11.74259 (85072006)	10.07123 (85020308)	10.42415 (85041523)	16.94860 (85070101)
1000.0	12.13386 (85072006)	11.36018 (85020308)	11.50705 (85012323)	18.26588 (85070101)	13.23176 (85072001)
900.0	12.74680 (85020308)	13.35474 (85012323)	19.15556 (85070101)	14.25045 (85072001)	13.48248 (85071024)
800.0	15.75362 (85012323)	19.13696 (85070101)	16.21136 (85071803)	14.91903 (85010806)	12.78851 (85110204)
700.0	19.63927 (85113023)	18.48348 (85012006)	16.91472 (85110204)	15.82997 (85081006)	14.62974 (85052204)
600.0	21.16495 (85071024)	17.42702 (85081006)	17.75211 (85052204)	16.59623 (85051203)	15.46946 (85021301)
500.0	20.35601 (85081006)	20.27787 (85051203)	18.84338 (85021301)	17.18978 (85071604)	15.91195 (85031504)
400.0	23.69890 (85021301)	21.28065 (85062303)	19.54839 (85122303)	17.69732 (85081103)	21.72855 (85081103)
300.0	24.91897 (85012324)	28.22600 (85081103)	20.16417 (85011920)	18.19481 (85070122)	16.01895 (85012801)
200.0	25.41673 (85012801)	22.97316 (85121201)	20.62954 (85010921)	18.74933 (85110703)	17.07205 (85120203)
100.0	20.57895 (85073104)	21.06014 (85110619)	20.69213 (85110619)	18.93114 (85110619)	16.63626 (85110619)
0.0	15.54098 (85030205)	15.12273 (85030205)	14.37720 (85030205)	13.73013 (85030205)	13.06972 (85030205)
-100.0	26.00270 (85092107)	22.61577 (85092107)	17.68971 (85092107)	13.60148 (85030206)	13.12132 (85030206)
-200.0	31.91306 (85081803)	27.98725 (85092106)	25.23910 (85092106)	18.37957 (85040423)	16.57817 (85040423)
-300.0	24.37133 (85121805)	21.90764 (85092405)	19.06535 (85042504)	19.55459 (85081803)	22.17785 (85081803)
-400.0	23.48006 (85022807)	21.31899 (85122404)	19.13832 (85092707)	17.81522 (85121805)	16.08236 (85092405)
-500.0	22.09452 (85010505)	21.55409 (85100506)	18.46684 (85022807)	17.09997 (85122404)	15.38928 (85092707)
-600.0	20.97488 (85122405)	19.23734 (85010705)	22.13104 (85100506)	16.32634 (85012705)	15.10452 (85022807)
-700.0	19.57955 (85121906)	17.88860 (85021805)	22.31741 (85122405)	15.83674 (85010505)	19.83947 (85100506)
-800.0	17.98087 (85040704)	17.26230 (85121906)	16.01810 (85052803)	19.02678 (85122405)	13.94626 (85010705)
-900.0	17.31066 (85011005)	15.85547 (85121521)	15.06405 (85011606)	14.46485 (85042601)	13.32596 (85021805)
-1000.0	16.11974 (85092406)	14.95291 (85011005)	14.21720 (85121521)	13.82640 (85011606)	12.88863 (85042601)
-1100.0	14.85733 (85021803)	14.41789 (85010823)	13.65931 (85122723)	13.13070 (85121521)	12.74570 (85011606)
-1200.0	15.50992 (85061223)	13.47009 (85021803)	13.26426 (85010823)	12.76883 (85122723)	12.00795 (85121521)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-1200.00	-1100.00	X-COORD (METERS) -1000.00	-900.00	-800.00
1200.0	1.72978 (85022616)	1.62486 (85022616)	1.91302 (85061616)	2.08003 (85061616)	1.80250 (85061616)
1100.0	1.79895 (85022616)	1.79494 (85022616)	1.68288 (85022616)	2.06066 (85061616)	2.13372 (85061616)
1000.0	1.63407c(85031316)	1.82774 (85022616)	1.84247 (85022616)	1.75685 (85061616)	2.18997 (85061616)
900.0	1.75569 (85112016)	1.65318c(85031316)	1.82532 (85022616)	1.85966 (85022616)	1.88469 (85061616)
800.0	1.75730 (85112016)	1.77164 (85112016)	1.65597 (85052216)	1.77673 (85022616)	1.82836 (85022616)
700.0	1.73694 (85072716)	1.52355 (85112016)	1.70469 (85112016)	1.73911 (85052216)	1.66521 (85070616)
600.0	1.99832 (85072716)	1.98738 (85072716)	1.77191 (85072716)	1.64055 (85052216)	1.75401 (85052216)
500.0	1.96834 (85090216)	1.96726 (85072716)	2.10949 (85072716)	1.99959 (85072716)	1.61174 (85072716)
400.0	1.98627 (85090216)	2.03484 (85090216)	1.95774 (85090216)	1.93566 (85072716)	2.01412 (85072716)
300.0	1.62508 (85082616)	1.67316 (85082616)	1.73478 (85090216)	1.77034 (85090216)	1.66629 (85090216)
200.0	2.16911 (85042216)	2.14080 (85042216)	2.01677 (85042216)	1.74778 (85042216)	1.51277 (85082616)
100.0	1.94850 (85042216)	2.07737 (85042216)	2.18260 (85042216)	2.21974 (85042216)	2.16372 (85042216)
0.0	1.89552 (85042016)	1.91331 (85042016)	1.89073 (85042016)	1.81261 (85042016)	1.66345 (85042016)
-100.0	2.23688 (85022224)	2.12232 (85022224)	1.95594 (85022224)	1.65185 (85022224)	1.52512c(85040716)
-200.0	1.60700 (85041816)	1.69142 (85041816)	1.74990 (85041816)	1.74444 (85041816)	1.65240 (85111908)
-300.0	1.75356 (85041816)	1.75935 (85111908)	2.03671 (85111908)	2.30077 (85111908)	2.42111 (85111908)
-400.0	2.21734 (85111908)	2.44246 (85111908)	2.52487 (85111908)	2.25888 (85111908)	1.74998 (85060516)
-500.0	2.37101 (85111908)	2.08940 (85111908)	1.96506 (85060516)	1.95192 (85060516)	1.79682 (85060516)
-600.0	1.95450 (85060516)	2.00310 (85060516)	1.95243 (85060516)	1.80371 (85060516)	1.55253 (85060516)
-700.0	1.91236 (85060516)	1.85318 (85060516)	1.72019 (85060516)	1.58700 (85051416)	1.58457 (85051416)
-800.0	1.71199 (85060516)	1.59265 (85060516)	1.62185 (85051416)	1.67873 (85091508)	1.41985 (85091508)
-900.0	1.57490 (85100816)	1.63273 (85111816)	1.73600 (85091508)	1.45612 (85091508)	1.59521 (85091416)
-1000.0	1.61473 (85091508)	1.75174 (85091508)	1.46468 (85091508)	1.45546 (85091516)	1.86026 (85091416)
-1100.0	1.73823 (85091508)	1.45323 (85091508)	1.35194 (85091516)	1.70607 (85091416)	1.68827 (85091416)
-1200.0	1.42781 (85091508)	1.26746 (85091608)	1.55324 (85091516)	1.65021 (85091416)	1.45325 (85051516)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-700.00	-600.00	-500.00	-400.00	-300.00
1200.0	1.54714 (85112816)	1.58146 (85101116)	2.14465 (85101116)	1.99101 (85101116)	1.38296 (85052116)
1100.0	1.67234 (85090116)	1.54266 (85112816)	1.94945 (85101116)	2.11314 (85101116)	1.43383 (85101116)
1000.0	2.10644 (85061616)	1.70564 (85090116)	1.57683 (85101116)	2.08914 (85101116)	1.62252 (85101116)
900.0	2.27138 (85061616)	1.95066 (85061616)	1.65121 (85090116)	1.85252 (85101116)	1.74456 (85101116)
800.0	1.98368 (85061616)	2.25498 (85061616)	1.77553 (85090116)	1.50427 (85090116)	1.71736 (85101116)
700.0	1.72408 (85022616)	2.00672 (85061616)	2.04292 (85061616)	1.66351 (85090116)	1.45768 (85101116)
600.0	1.62625 (85070616)	1.50963 (85022616)	1.89622 (85061616)	1.59320 (85061616)	1.37067 (85090116)
500.0	1.64707 (85052216)	1.50004 (85052216)	1.29967 (85070516)	1.52016 (85061616)	1.20113 (85090116)
400.0	1.72725 (85072716)	1.35954 (85052216)	1.16759 (85052216)	0.80130 (85070516)	0.77803 (85061616)
300.0	1.59338 (85072716)	1.50465 (85072716)	0.92522 (85081716)	0.54637 (85052216)	0.25171 (85061616)
200.0	1.35025 (85082616)	0.95412 (85082616)	0.67780 (85072716)	0.36074 (85072716)	0.09676 (85081716)
100.0	1.96629 (85042216)	1.46797 (85042216)	0.80191 (85042216)	0.25373 (85041116)	0.03661 (85090708)
0.0	1.45157 (85041116)	1.17123 (85041116)	0.78833 (85041116)	0.36204 (85041116)	0.09486 (85022116)
-100.0	1.44235c(85040716)	1.19939c(85040716)	1.26671 (85111908)	2.45266 (85111908)	4.53165 (85111908)
-200.0	1.94447 (85111908)	2.48402 (85111908)	2.98569 (85111908)	2.31477 (85111908)	1.04178c(85101924)
-300.0	2.42277 (85111908)	1.61990 (85111908)	1.07467 (85043016)	1.02769 (85043016)	0.81969 (85091416)
-400.0	1.62828 (85060516)	1.43835 (85043016)	1.46059 (85043016)	1.15680 (85091416)	2.24761 (85091416)
-500.0	1.51587 (85060516)	1.52687 (85043016)	1.30531 (85091416)	2.17180 (85091416)	1.33162 (85091416)
-600.0	1.53186 (85051416)	1.35733 (85091516)	2.11616 (85091416)	1.68058 (85091416)	0.93507 (85052716)
-700.0	1.36437 (85091516)	1.93578 (85091416)	1.89723 (85091416)	1.28857 (85052716)	0.88084 (85052716)
-800.0	1.77447 (85091416)	2.02297 (85091416)	1.53473 (85051516)	1.30528 (85052716)	0.78388 (85092416)
-900.0	1.98126 (85091416)	1.55376 (85051516)	1.47367 (85052716)	1.12515 (85052716)	0.97206 (85092416)
-1000.0	1.65994 (85091416)	1.52126 (85051516)	1.38839 (85052716)	1.01215 (85040916)	1.07229 (85092416)
-1100.0	1.54477 (85051516)	1.45102 (85052716)	1.17678 (85052716)	0.98300 (85040916)	1.09169 (85092416)
-1200.0	1.37761 (85051516)	1.32429 (85052716)	1.11589 (85040916)	1.05914 (85092416)	1.16399 (85092516)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	-200.00	-100.00	0.00	100.00	200.00
1200.0	1.34902 (85062616)	1.09277 (85062616)	1.02010 (85071316)	1.13891 (85072216)	1.49110 (85083116)
1100.0	1.37973 (85062616)	1.13718 (85062616)	1.03053 (85071316)	1.07968 (85072216)	1.58790 (85083116)
1000.0	1.37434 (85062616)	1.16183 (85062616)	1.01629 (85071316)	0.99523 (85072216)	1.62913 (85083116)
900.0	1.31944 (85052116)	1.15506 (85062616)	0.96778 (85071316)	1.01863 (85083116)	1.56922 (85083116)
800.0	1.20237 (85052116)	1.10248 (85062616)	0.87665 (85071316)	1.06206 (85083116)	1.38166 (85083116)
700.0	1.01803 (85101116)	0.98967 (85062616)	0.79487 (85063016)	1.05218 (85083116)	1.15060 (85041416)
600.0	0.89513 (85101116)	0.72889 (85062616)	0.67746 (85063016)	0.87809 (85083116)	1.09200 (85041416)
500.0	0.76918 (85090116)	0.42401 (85052116)	0.47167 (85063016)	0.55675 (85083116)	0.78441 (85041416)
400.0	0.58878 (85090116)	0.17147 (85080416)	0.22111 (85063016)	0.20551 (85083116)	0.32086 (85041416)
300.0	0.19994 (85090116)	0.05479c(85110224)	0.05913c(85020324)	0.04368c(85080908)	0.07919 (85050316)
200.0	0.05396 (85112808)	0.03128 (85041324)	0.05116c(85020324)	0.04916 (85061008)	0.05670c(85072008)
100.0	0.02725c(85111024)	0.03817 (85032824)	0.02392 (85081724)	0.05357c(85072008)	0.03500c(85081008)
0.0	0.14686 (85022116)	0.35332 (85022116)	0.00000 (0)	0.01740 (85081108)	0.03785 (85071708)
-100.0	5.10698 (85111908)	1.92079 (85030716)	0.02718c(85092808)	0.05000c(85021808)	1.37573 (85021208)
-200.0	1.11920 (85091508)	1.51596 (85091416)	0.04554c(85122808)	0.05099c(85092808)	0.04798c(85021808)
-300.0	2.25819 (85091416)	0.03341 (85091416)	0.04601c(85122808)	0.07262c(85092808)	0.07544 (85011408)
-400.0	0.68514 (85091416)	0.04877 (85092416)	0.06143 (85040316)	0.08751c(85040816)	0.14356 (85060916)
-500.0	0.31913 (85052716)	0.19069 (85092516)	0.21066c(85040816)	0.31103c(85040816)	0.26639 (85060916)
-600.0	0.51137 (85092416)	0.45294 (85092516)	0.40350 (85092516)	0.48026c(85040816)	0.39881c(85040816)
-700.0	0.74849 (85092416)	0.73255 (85092516)	0.64081 (85092516)	0.58776 (85123016)	0.51278 (85031816)
-800.0	0.83770 (85092416)	0.87833 (85092516)	0.78371 (85092516)	0.74419 (85123016)	0.65884 (85121516)
-900.0	0.99566 (85092516)	0.98333 (85092516)	0.89409 (85092516)	0.87166 (85123016)	0.76415 (85121516)
-1000.0	1.14933 (85092516)	1.05896 (85092516)	0.97952 (85092516)	0.97442 (85123016)	0.82111 (85121516)
-1100.0	1.20448 (85092516)	1.09405 (85092516)	1.02718 (85092516)	1.05033 (85123016)	0.90733 (85123016)
-1200.0	1.21776 (85092516)	1.11055 (85092516)	1.05401 (85092516)	1.10277 (85123016)	0.98287 (85123016)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	300.00	400.00	500.00	600.00	700.00
1200.0	1.52157 (85083116)	1.05743 (85041416)	0.95287 (85041416)	0.80953 (85080916)	0.98326 (85080916)
1100.0	1.39149 (85083116)	1.10978 (85041416)	0.92534 (85041416)	0.96817 (85080916)	1.04166 (85080916)
1000.0	1.18879 (85083116)	1.12594 (85041416)	0.87439 (85080916)	1.07563 (85080916)	1.00638 (85121316)
900.0	1.22078 (85041416)	1.09078 (85041416)	1.02113 (85080916)	1.06209 (85080916)	1.16152 (85121316)
800.0	1.24916 (85041416)	0.98803 (85041416)	1.05930 (85080916)	1.05101 (85121316)	1.15739 (85121316)
700.0	1.18278 (85041416)	0.92094 (85080916)	0.98416 (85050316)	1.10351 (85052416)	1.26413 (85052416)
600.0	0.97045 (85041416)	0.90560 (85050316)	0.98311 (85052416)	1.24068 (85052416)	1.13031 (85052416)
500.0	0.62077 (85050316)	0.73139 (85050316)	1.12431 (85052416)	1.03505 (85052416)	0.85981 (85050316)
400.0	0.41678 (85050316)	0.78737 (85052416)	0.79129 (85052416)	0.73358 (85050316)	0.81270 (85081016)
300.0	0.33403 (85052416)	0.36861 (85052416)	0.45718 (85050316)	0.76913 (85081016)	1.02867 (85081016)
200.0	0.07019 (85050316)	0.16774 (85080316)	0.44361 (85081016)	0.80916 (85032216)	1.07923 (85032216)
100.0	0.04918 (85081108)	0.13056 (85060116)	0.40407 (85061016)	0.65111 (85071716)	0.88391 (85062816)
0.0	0.04305 (85030208)	0.13460 (85071616)	0.42839 (85071616)	0.74980 (85071616)	1.01912 (85062816)
-100.0	0.66744 (85021208)	0.13192 (85021208)	0.40185 (85092616)	0.73713 (85092616)	1.01317 (85092616)
-200.0	0.46979 (85021216)	0.76936 (85021216)	0.76605 (85021208)	0.61561 (85060216)	0.76416 (85092616)
-300.0	0.36040 (85031816)	0.47066 (85031816)	0.55914 (85021216)	0.77144 (85060216)	0.99023 (85060216)
-400.0	0.31628 (85041616)	0.76609 (85031816)	0.86039 (85031816)	0.75417 (85032316)	0.91487 (85060216)
-500.0	0.40925 (85060916)	0.74437 (85041616)	0.95425 (85031816)	1.02937 (85031816)	0.90321 (85092616)
-600.0	0.60176 (85010716)	0.67470 (85041616)	1.01651 (85041616)	0.98025 (85041616)	1.12387 (85110616)
-700.0	0.69225 (85021516)	0.78528 (85010716)	0.88626 (85041616)	1.12674 (85041616)	1.02926 (85041616)
-800.0	0.74482 (85031816)	0.96917 (85010716)	0.82213 (85031808)	1.01092 (85011516)	1.19814 (85012108)
-900.0	0.91469 (85031816)	0.98513 (85021516)	1.03411 (85010716)	0.99573 (85031808)	1.11782 (85011516)
-1000.0	0.93498 (85031816)	1.00193 (85021516)	1.13664 (85010716)	1.02346 (85031808)	1.07366 (85031808)
-1100.0	0.89748 (85121516)	1.05146 (85031816)	1.15476 (85012916)	1.12865 (85010716)	1.18279 (85031808)
-1200.0	0.94511 (85121516)	1.10954 (85031816)	1.16034 (85012916)	1.16843 (85010716)	1.11114 (85031808)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	800.00	900.00	1000.00	1100.00	1200.00
1200.0	0.95827 (85080916)	1.09977 (85121316)	1.20901 (85121316)	1.16353 (85121316)	1.00827 (85121316)
1100.0	1.07179 (85121316)	1.22647 (85121316)	1.19981 (85121316)	1.03346 (85121316)	0.91233 (85052416)
1000.0	1.21503 (85121316)	1.21790 (85121316)	1.08882 (85052416)	0.98568 (85052416)	1.30223 (85012816)
900.0	1.20799 (85121316)	1.16699 (85052416)	1.05592 (85052416)	1.33380 (85012816)	1.50404 (85012816)
800.0	1.23102 (85052416)	1.11445 (85052416)	1.32805 (85012816)	1.39464 (85012816)	1.10286 (85012816)
700.0	1.14672 (85052416)	1.26555 (85012816)	1.20082 (85012816)	0.92512 (85061316)	0.93666 (85012516)
600.0	1.12485 (85012816)	0.92237 (85050316)	0.83503 (85061316)	0.95748 (85081016)	1.04531 (85081016)
500.0	0.81054 (85050316)	0.96010 (85081016)	1.10980 (85081016)	1.22601 (85032216)	1.44445 (85032216)
400.0	1.05867 (85081016)	1.20975 (85032216)	1.47862 (85032216)	1.61441 (85032216)	1.65623 (85032216)
300.0	1.32775 (85032216)	1.50050 (85032216)	1.56407 (85032216)	1.56046 (85032216)	1.51848 (85032216)
200.0	1.16837 (85032216)	1.19418 (85032216)	1.18146 (85032216)	1.14684 (85032216)	1.10037 (85032216)
100.0	1.06179 (85062816)	1.17600 (85062816)	1.23474 (85062816)	1.25077 (85062816)	1.23671 (85062816)
0.0	1.17249 (85062816)	1.26287 (85062816)	1.30196 (85062816)	1.30291 (85062816)	1.27763 (85062816)
-100.0	1.14439 (85092616)	1.22077 (85092616)	1.25347 (85092616)	1.25374 (85092616)	1.23123 (85092616)
-200.0	0.99048 (85092616)	1.15226 (85092616)	1.25026 (85092616)	1.29617 (85092616)	1.30405 (85092616)
-300.0	1.08674 (85060216)	1.08685 (85060216)	1.01376 (85060216)	1.02714 (85021216)	1.03938 (85021216)
-400.0	1.09105 (85060216)	1.20012 (85060216)	1.23907 (85060216)	1.20971 (85060216)	1.13152 (85051716)
-500.0	0.90836 (85060216)	1.07344 (85060216)	1.16181 (85060216)	1.20630 (85060216)	1.21675 (85060216)
-600.0	1.06946 (85110616)	0.98167 (85092616)	0.98950 (85012316)	1.07288 (85060216)	1.11334 (85060216)
-700.0	1.24225 (85110616)	1.20551 (85110616)	1.08583 (85092616)	1.04274 (85012316)	1.12106 (85012316)
-800.0	1.09323 (85110616)	1.28885 (85110616)	1.28284 (85010516)	1.17893 (85010516)	1.00420 (85092616)
-900.0	1.31769 (85012108)	1.11588 (85110616)	1.28411 (85110616)	1.33034 (85010516)	1.33722 (85010516)
-1000.0	1.30175 (85012108)	1.39812 (85012108)	1.10341 (85110616)	1.24636 (85110616)	1.33196 (85010516)
-1100.0	1.09882 (85031808)	1.46622 (85012108)	1.44648 (85012108)	1.07793 (85012116)	1.18941 (85110616)
-1200.0	1.28127 (85031808)	1.12361 (85011516)	1.58328 (85012108)	1.46955 (85012108)	1.08780 (85012116)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2
 INCLUDING SOURCE(S): 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-1200.00	-1100.00	-1000.00	-900.00	-800.00
1200.0	2.56478 (85112808)	3.22218c(85022708)	2.91744 (85032824)	2.89334c(85062608)	2.44540 (85042824)
1100.0	2.96047c(85081708)	2.87991 (85112808)	3.52490 (85032824)	3.12015 (85032824)	3.29642 (85072024)
1000.0	2.70246c(85031124)	3.21234c(85081708)	3.19253 (85112808)	4.03656 (85032824)	3.25830 (85032824)
900.0	2.31325c(85071324)	3.19875c(85031124)	3.50938c(85081708)	3.66823 (85112808)	4.65289 (85032824)
800.0	2.26164c(85051008)	2.42575c(85051008)	3.64738c(85031124)	3.77493c(85081708)	4.27268 (85112808)
700.0	2.03081c(85072908)	2.74023 (85020424)	3.00246c(85051008)	3.87819c(85031124)	3.93740c(85081708)
600.0	2.38815c(85111024)	3.15873c(85111024)	2.64110 (85020424)	3.28145c(85051008)	3.96119c(85071324)
500.0	2.35005 (85081224)	2.84395c(85080608)	3.05382c(85111024)	3.63443c(85111024)	3.86218 (85020424)
400.0	2.34327 (85020424)	2.68973c(85101508)	3.14833 (85081224)	3.35143c(85080608)	4.08799c(85111024)
300.0	2.33690 (85081308)	3.25501 (85020424)	4.11221 (85020424)	3.25421 (85020424)	4.24710c(85101508)
200.0	2.69729c(85030908)	2.90175c(85030908)	3.06498c(85030908)	3.11858 (85090324)	3.60539 (85081308)
100.0	4.76780 (85111708)	4.61567 (85111708)	4.28183 (85111708)	3.91799 (85111308)	4.59336c(85011924)
0.0	4.17180 (85111708)	4.66642 (85111708)	5.26262 (85111708)	5.99175 (85111708)	6.89871 (85111708)
-100.0	2.73426 (85111608)	2.75424 (85111608)	2.73428 (85111608)	3.34940 (85090408)	3.71877 (85090408)
-200.0	1.88879 (85110924)	2.56431c(85061208)	3.50150c(85061208)	3.34880c(85061208)	3.55347 (85102608)
-300.0	2.11404 (85102608)	1.99573c(85021008)	1.87191c(85021008)	1.73563 (85102608)	3.10284 (85112408)
-400.0	1.14563 (85102608)	1.83224 (85112408)	2.62845 (85112408)	2.68516 (85102524)	2.88804 (85021724)
-500.0	2.21141 (85102524)	1.96247 (85102524)	2.26288 (85021724)	3.25140c(85092224)	3.14093c(85092224)
-600.0	1.82819 (85021724)	2.34186c(85092224)	2.91013c(85092224)	2.71097c(85082108)	1.84063c(85071208)
-700.0	2.44902c(85092224)	2.03628c(85082108)	1.61834c(85082108)	1.61104 (85032524)	2.42496c(85071308)
-800.0	1.97456c(85082108)	1.38906c(85071208)	1.61836c(85071308)	1.85615c(85071308)	1.13771c(85021808)
-900.0	1.22880c(85071208)	1.74772c(85071308)	1.60706 (85092508)	0.96576c(85021808)	1.22172 (85092424)
-1000.0	1.72741c(85071308)	1.44676 (85092508)	0.82959c(85021808)	1.04699 (85092424)	1.25261 (85060508)
-1100.0	1.28442 (85092508)	0.72646 (85092508)	0.87881 (85092424)	1.26463 (85060508)	0.89004 (85032524)
-1200.0	0.65231 (85092508)	0.73394c(85021808)	1.15355 (85060508)	0.75561 (85100908)	0.96569c(85021624)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2 ***
 INCLUDING SOURCE(S): 11

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-200.00	-100.00	0.00	100.00	200.00
1200.0	3.05354c(85020408)	3.08029c(85061708)	4.39996c(85062008)	2.61985 (85010408)	3.85985c(85080308)
1100.0	3.55651c(85020408)	3.25235c(85061708)	4.79482c(85062008)	2.95205 (85010408)	3.28381c(85080308)
1000.0	4.06568c(85020408)	3.30601c(85061708)	5.22394c(85062008)	3.10462 (85010408)	2.53062 (85041508)
900.0	4.45152c(85020408)	3.18701c(85061708)	5.67436c(85062008)	2.93226 (85010408)	2.35553 (85072408)
800.0	3.95471c(85020408)	2.86474 (85031324)	6.16224c(85062008)	3.93361c(85080308)	3.69794c(85121308)
700.0	6.79577c(85113024)	3.08597 (85031324)	6.54351c(85062008)	5.22734c(85080308)	3.86059c(85121308)
600.0	5.59810c(85113024)	4.06868c(85020408)	6.71730c(85062008)	4.14947c(85080308)	4.48475 (85110108)
500.0	5.88860c(85110224)	5.02699c(85020408)	6.72798c(85062008)	6.04659 (85072408)	4.53678c(85061108)
400.0	6.75050c(85092124)	6.46772c(85030124)	5.92948c(85041424)	8.52769 (85072408)	8.64824 (85061008)
300.0	12.07895 (85070608)	8.45830 (85072124)	9.44531c(85041424)	7.46890 (85072324)	5.13242c(85080624)
200.0	18.73530 (85112808)	12.44667 (85013108)	15.08257c(85041424)	9.92272 (85072324)	25.66456c(85031308)
100.0	19.69430c(85111024)	44.82810 (85032824)	47.08040 (85072408)	34.59932c(85071808)	16.83640c(85071608)
0.0	25.80709 (85100108)	53.93410 (85100108)	9.89107 (85092616)	20.63505 (85012224)	9.18135 (85110524)
-100.0	13.62173c(85092224)	23.65235 (85052624)	21.75240 (85051908)	31.32091c(85101308)	16.04536 (85010708)
-200.0	9.22669 (85052624)	11.01231 (85121624)	10.66514 (85051908)	13.72486 (85011408)	21.28329c(85101308)
-300.0	4.11319 (85100916)	6.23576c(85111008)	5.67124c(85070808)	14.47124 (85121708)	12.20765c(85051108)
-400.0	4.57613c(85041516)	3.37744 (85092516)	4.43238c(85041516)	6.52911c(85071408)	6.95513 (85071908)
-500.0	3.55815 (85121624)	3.30219 (85100624)	4.77449c(85122808)	3.94770 (85030308)	6.67359 (85121708)
-600.0	3.42404 (85092424)	2.51859 (85100624)	4.37561c(85122808)	5.05384c(85061708)	5.22411 (85121924)
-700.0	4.97713c(85080508)	1.98641c(85120108)	4.18755c(85041724)	3.39072c(85061708)	6.20613c(85071408)
-800.0	3.20524c(85080508)	2.43841c(85120108)	3.96457c(85041724)	2.54703c(85013008)	4.30745c(85071408)
-900.0	2.42642 (85052324)	2.50487c(85120108)	3.69163c(85041724)	2.46967c(85013008)	2.98355 (85071908)
-1000.0	2.53873 (85082008)	2.30754c(85120108)	3.42272c(85041724)	2.15357c(85070508)	3.91390c(85061708)
-1100.0	2.45066 (85082008)	2.27324c(85122808)	3.16392c(85041724)	2.22169c(85070508)	4.02310c(85061708)
-1200.0	2.19291 (85082008)	2.15006c(85122808)	2.92308c(85041724)	2.08648c(85070508)	3.23550c(85061708)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2 ***
 INCLUDING SOURCE(S): 11

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	300.00	400.00	500.00	600.00	700.00
1200.0	2.31760c(85121308)	2.63325c(85051308)	2.94030c(85061108)	2.93068 (85121324)	3.89794 (85061008)
1100.0	3.23878c(85121308)	3.34483c(85110308)	2.63975 (85121324)	4.99249 (85061008)	2.29368c(85052308)
1000.0	3.23399c(85051308)	3.64182c(85061108)	3.69348 (85061008)	3.58572 (85061008)	2.73878c(85080624)
900.0	3.32009 (85110108)	3.16671 (85121324)	5.97431 (85061008)	3.32007c(85101208)	2.00249c(85053008)
800.0	4.36054c(85110308)	4.92007 (85061008)	2.85655c(85052308)	2.54817c(85061908)	3.99151c(85053108)
700.0	3.79953 (85121324)	6.20000 (85061008)	3.46099c(85080624)	4.54920c(85053108)	5.84903c(85031308)
600.0	6.70492 (85061008)	4.06224c(85101208)	4.89057c(85053108)	7.37863c(85031308)	5.30625c(85031308)
500.0	4.19204 (85121324)	4.40144c(85053108)	9.59528c(85031308)	6.04263c(85071808)	5.84119c(85110208)
400.0	4.44156c(85110308)	12.95398c(85031308)	9.68114c(85071808)	5.06558c(85041424)	7.41865c(85051208)
300.0	18.19917c(85031308)	10.20735c(85110208)	9.05528c(85051208)	8.16746c(85021308)	4.73428 (85122308)
200.0	9.96355c(85081008)	10.87217c(85021308)	7.52871 (85122308)	9.07698 (85081108)	5.86871c(85070124)
100.0	13.69750c(85092308)	11.87729 (85071708)	13.49448 (85071708)	10.04164 (85071708)	6.92359 (85071708)
0.0	7.06352 (85012224)	5.68333 (85012224)	4.66618 (85110524)	4.49790c(85080308)	4.34744c(85080308)
-100.0	9.71941 (85121808)	11.62129c(85042508)	11.34502 (85092708)	8.00381 (85012308)	7.15900 (85012308)
-200.0	15.32317 (85010708)	9.27354 (85010708)	6.22854c(85031624)	4.80956 (85012308)	6.75799c(85042508)
-300.0	13.52906c(85101308)	8.58207c(85021808)	12.98614c(85100508)	6.26060 (85010708)	4.23121c(85062508)
-400.0	7.84143c(85032408)	9.39190c(85101308)	7.76988c(85021808)	7.01457 (85010708)	9.02486c(85100508)
-500.0	5.73240c(85091308)	7.42320c(85010824)	7.31665c(85101408)	6.30551c(85021808)	5.94396c(85122408)
-600.0	5.56933 (85071908)	6.57796c(85051108)	5.85657c(85010824)	5.95296c(85101408)	4.85156c(85021808)
-700.0	4.74973c(85062508)	4.35181c(85120108)	4.54916c(85042608)	4.80641 (85122008)	4.96324c(85101408)
-800.0	4.26798c(85062508)	4.40574 (85071908)	3.68733c(85091308)	3.66544c(85042608)	4.47080 (85122008)
-900.0	4.06372 (85121924)	3.53098c(85102908)	2.89298c(85021808)	4.12632c(85051108)	3.10287c(85032408)
-1000.0	4.80239c(85071408)	4.49957c(85062508)	3.55653 (85071908)	2.75178c(85120108)	3.37470c(85051108)
-1100.0	4.22313c(85071408)	3.65042 (85121924)	2.79498c(85102908)	2.16340c(85021808)	2.57862 (85061224)
-1200.0	2.96434 (85071908)	3.36294c(85092808)	3.89835c(85062508)	2.93455 (85071908)	2.38036c(85120108)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	-1200.00	-1100.00	-1000.00	-900.00	-800.00
1200.0	2.98921 (85112808)	3.45691c(85022708)	3.13027 (85032824)	3.22370c(85062608)	2.63620 (85042824)
1100.0	3.26992c(85081708)	3.25276 (85112808)	3.75137 (85032824)	3.31145 (85032824)	3.49350 (85072024)
1000.0	2.91865c(85031124)	3.47724c(85081708)	3.51574 (85112808)	4.23346 (85032824)	3.42953 (85032824)
900.0	2.52114c(85031124)	3.41856c(85031124)	3.73114c(85081708)	3.94440 (85112808)	4.82301 (85032824)
800.0	2.50379 (85020424)	2.57073c(85051008)	3.86756c(85031124)	3.95557c(85081708)	4.50509 (85112808)
700.0	2.11076c(85072908)	2.98499 (85020424)	3.13873c(85051008)	4.09291c(85031124)	4.07972c(85081708)
600.0	2.53932c(85111024)	3.35977c(85111024)	2.82905 (85020424)	3.38976c(85051008)	4.07794c(85071324)
500.0	2.70041 (85081224)	2.92080c(85080608)	3.17773c(85111024)	3.79044c(85111024)	4.00964 (85020424)
400.0	2.51249 (85072724)	2.90106 (85032008)	3.45454 (85081224)	3.52747 (85081624)	4.18392c(85111024)
300.0	2.58459 (85081308)	3.40512 (85020424)	4.25438 (85020424)	3.40849 (85091024)	4.29640c(85101508)
200.0	2.93190c(85030908)	3.09390c(85030908)	3.21316c(85030908)	3.24669 (85090324)	3.74096 (85081308)
100.0	4.91649 (85111708)	4.73045 (85111708)	4.36583 (85111708)	4.08000 (85111308)	4.63790c(85011924)
0.0	4.52692 (85112708)	4.94170 (85112708)	5.44686 (85112708)	6.10900 (85111708)	7.00448 (85111708)
-100.0	3.02340 (85111608)	2.99034 (85111608)	2.92115 (85111608)	3.42783 (85090408)	3.79279 (85090408)
-200.0	2.12944 (85110924)	2.61008c(85061208)	3.55628c(85061208)	3.40251c(85061208)	3.60865 (85102608)
-300.0	2.28506 (85041816)	2.32610 (85041816)	2.48778 (85111908)	2.87571 (85111908)	3.20292 (85112408)
-400.0	2.58533 (85111908)	2.87336 (85111908)	2.99319 (85111908)	2.84185 (85102524)	2.97715 (85021724)
-500.0	2.70891 (85111908)	2.40095 (85111908)	2.39480 (85021724)	3.43198c(85092224)	3.32931c(85092224)
-600.0	2.20815 (85060516)	2.56199c(85092224)	3.18905c(85092224)	2.76539c(85082108)	2.18046 (85032524)
-700.0	2.80544c(85092224)	2.26161c(85092224)	2.01223 (85100816)	2.07764 (85032524)	2.48050c(85071308)
-800.0	2.05568c(85082108)	1.98221 (85100816)	2.01591 (85111816)	2.19027 (85091508)	1.96201 (85091608)
-900.0	1.90569 (85100816)	1.97820 (85111816)	2.16172 (85091508)	1.91290 (85091608)	1.92208 (85091516)
-1000.0	1.97840 (85091508)	2.11202 (85091508)	1.87951 (85091608)	1.75450 (85091608)	2.11383 (85091416)
-1100.0	2.04749 (85091508)	1.85190 (85091608)	1.75313 (85091608)	1.96091 (85091516)	1.93330 (85091424)
-1200.0	1.82513 (85091608)	1.74544 (85091608)	1.83375 (85091516)	1.89533 (85091424)	1.70343 (85051516)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-700.00	-600.00	X-COORD (METERS) -500.00	-400.00	-300.00
1200.0	2.82772 (85070608)	2.23532c(85022708)	2.49241 (85101116)	3.53471c(85120108)	3.65085c(85113024)
1100.0	3.11868 (85070608)	2.53712c(85022708)	2.31426 (85101116)	3.92095c(85120108)	5.19511c(85113024)
1000.0	3.52049 (85010224)	3.78717 (85070608)	2.63027c(85022708)	2.95179c(85110224)	5.45968c(85113024)
900.0	4.17416c(85062608)	3.56291 (85042824)	3.11251c(85113008)	2.40598 (85101116)	3.99788c(85120108)
800.0	5.53457 (85032824)	5.00493 (85072024)	4.87629 (85070608)	3.37364c(85092124)	4.48480c(85120108)
700.0	5.25269 (85112808)	6.35576 (85032824)	5.27479 (85072024)	4.07150c(85020508)	3.54133c(85110224)
600.0	4.30689 (85070424)	6.27023 (85112808)	7.14963 (85032824)	5.24612 (85042824)	4.69725c(85092124)
500.0	4.28222c(85051008)	6.13955c(85031124)	7.68207 (85112808)	7.53321c(85062608)	6.88548 (85070608)
400.0	4.07154c(85070724)	5.29501c(85051008)	8.29712c(85031124)	9.83549 (85112808)	10.75244 (85072024)
300.0	4.55788 (85081624)	5.90043c(85111024)	5.83306 (85020424)	9.07074c(85071324)	13.13698 (85112808)
200.0	6.17043 (85020424)	5.31236 (85091024)	6.52328 (85081508)	9.47276c(85111024)	9.57885c(85051008)
100.0	5.24083c(85030908)	6.30836c(85030908)	7.05687c(85030908)	7.93378 (85112608)	11.51955c(85091008)
0.0	8.14539 (85111708)	9.63063 (85111708)	11.58796 (85111708)	14.39283 (85111708)	18.50900 (85111708)
-100.0	3.85491 (85090624)	4.43308 (85090624)	7.16100c(85061208)	7.98472 (85102608)	7.29081 (85111908)
-200.0	3.26619c(85021008)	3.51401 (85111908)	5.53174 (85112408)	6.58716c(85092224)	5.91784 (85060608)
-300.0	3.87417 (85102524)	4.05428 (85100808)	5.80979c(85092224)	4.13804 (85032524)	4.93949 (85052624)
-400.0	4.61940c(85092224)	3.95200c(85082108)	4.52660c(85071308)	3.19509 (85052624)	3.29849 (85091416)
-500.0	2.23124c(85071208)	4.03735c(85071308)	2.44013 (85052624)	2.95759 (85091416)	2.08442 (85112316)
-600.0	3.21029c(85071308)	2.11967 (85091608)	2.67894 (85091416)	2.10509 (85091416)	2.48932c(85041516)
-700.0	2.03854 (85091608)	2.34301 (85091416)	2.29383 (85091416)	1.70797 (85052716)	2.20844c(85071808)
-800.0	2.10099 (85091516)	2.37892 (85091416)	1.99796 (85051516)	1.78874 (85061224)	1.96104 (85092424)
-900.0	2.28397 (85091416)	1.95796 (85051516)	1.73568 (85052716)	1.91866c(85071808)	2.59816 (85092424)
-1000.0	1.88208 (85091416)	1.91686c(85080524)	1.67327 (85061224)	1.61789c(85071808)	3.95747c(85080508)
-1100.0	1.82914 (85051516)	1.63054 (85052716)	1.38040c(85071808)	1.57518 (85092424)	4.33756c(85080508)
-1200.0	1.73946 (85100916)	1.52039 (85061224)	1.77469c(85071808)	1.95874 (85092424)	3.26165c(85080508)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-200.00	-100.00	X-COORD (METERS) 0.00	100.00	200.00
1200.0	3.28118c(85020408)	3.27879c(85061708)	4.56019c(85062008)	2.78089 (85010408)	4.01107c(85080308)
1100.0	3.77264c(85020408)	3.41693c(85061708)	4.93666c(85062008)	3.11008 (85010408)	3.42258c(85080308)
1000.0	4.25843c(85020408)	3.43823c(85061708)	5.34881c(85062008)	3.25453 (85010408)	2.61959 (85041508)
900.0	4.60227c(85020408)	3.28747c(85061708)	5.78203c(85062008)	3.06432 (85010408)	2.48505 (85072408)
800.0	4.05368c(85113024)	2.92000 (85031324)	6.25458c(85062008)	3.98071c(85080308)	3.75911c(85121308)
700.0	6.91823c(85113024)	3.12944 (85031324)	6.62224c(85062008)	5.28732c(85080308)	3.92566c(85121308)
600.0	5.66888c(85113024)	4.16649c(85020408)	6.78180c(85062008)	4.21234c(85080308)	4.53373 (85110108)
500.0	5.98556c(85110224)	5.11268c(85020408)	6.78093c(85062008)	6.05534 (85072408)	4.60017c(85061108)
400.0	6.77227c(85092124)	6.51223c(85030124)	5.93063c(85041424)	8.53553 (85072408)	8.70280 (85061008)
300.0	12.12233 (85070608)	8.48550 (85072124)	9.44532c(85041424)	7.46890 (85072324)	5.15189c(85080624)
200.0	18.78927 (85112808)	12.44720 (85013108)	15.08266c(85041424)	9.92272 (85072324)	25.70556c(85031308)
100.0	19.72154c(85111024)	44.86628 (85032824)	47.08040 (85072408)	34.62461c(85071808)	16.85191c(85071608)
0.0	25.82085 (85100108)	53.93410 (85100108)	9.89107 (85092616)	20.63507 (85012224)	9.19126 (85110524)
-100.0	13.62577c(85092224)	23.65235 (85052624)	21.75240 (85051908)	31.35434c(85101308)	16.08777 (85010708)
-200.0	9.22782 (85052624)	11.01231 (85121624)	10.66642 (85051908)	13.74045 (85011408)	21.32206c(85101308)
-300.0	4.11619 (85100916)	6.23576c(85111008)	5.67124c(85070808)	14.47124 (85121708)	12.24826c(85051108)
-400.0	4.57629c(85041516)	3.41377 (85092516)	4.43243c(85041516)	6.58779c(85071408)	6.99216 (85071908)
-500.0	3.55972 (85121624)	3.31508 (85100624)	4.82379c(85122808)	3.98767 (85052708)	6.67760 (85121708)
-600.0	3.50503 (85092424)	2.54777 (85100624)	4.42805c(85122808)	5.10496c(85061708)	5.31600 (85121924)
-700.0	5.04640c(85080508)	2.00767c(85120108)	4.25349c(85041724)	3.42923c(85061708)	6.30422c(85071408)
-800.0	3.29787c(85080508)	2.47148c(85120108)	4.04458c(85041724)	2.59178c(85013008)	4.38939c(85071408)
-900.0	2.48985 (85052324)	2.55070c(85120108)	3.78777c(85041724)	2.51369c(85013008)	3.03322 (85071908)
-1000.0	2.60161 (85082008)	2.36584c(85120108)	3.53730c(85041724)	2.21425c(85070508)	4.03162c(85061708)
-1100.0	2.53180 (85082008)	2.33389c(85122808)	3.29673c(85041724)	2.28670c(85070508)	4.14183c(85061708)
-1200.0	2.28631 (85082008)	2.22374c(85122808)	3.07547c(85041724)	2.15311c(85070508)	3.33831c(85061708)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	300.00	400.00	500.00	600.00	700.00
1200.0	2.40470c(85121308)	2.76407c(85051308)	3.10876c(85061108)	3.16142 (85121324)	4.25826 (85061008)
1100.0	3.34318c(85121308)	3.46795c(85110308)	2.77826 (85121324)	5.25864 (85061008)	2.41428c(85101208)
1000.0	3.31831c(85051308)	3.77118c(85061108)	3.82617 (85121324)	3.85299 (85061008)	2.88640c(85101208)
900.0	3.40243 (85110108)	3.26565 (85121324)	6.19198 (85061008)	3.49393c(85101208)	2.11785 (85050308)
800.0	4.45068c(85110308)	5.01538 (85061008)	2.97176 (85061008)	2.69608c(85061908)	4.11357c(85053108)
700.0	3.86182 (85121324)	6.36216 (85061008)	3.53186c(85080624)	4.64124c(85053108)	5.92022c(85031308)
600.0	6.77663 (85061008)	4.15666c(85101208)	4.95271c(85053108)	7.44120c(85031308)	5.44838c(85031308)
500.0	4.27862 (85121324)	4.43708c(85053108)	9.65089c(85031308)	6.08101c(85071808)	5.93182c(85110208)
400.0	4.47550c(85110308)	13.00246c(85031308)	9.72695c(85071808)	5.11447c(85041424)	7.51263c(85051208)
300.0	18.24285c(85031308)	10.25748c(85110208)	9.10433c(85051208)	8.22677c(85021308)	4.77105 (85122308)
200.0	9.98752c(85081008)	10.91214c(85021308)	7.56510 (85122308)	9.14621 (85081108)	6.05380c(85070124)
100.0	13.72559c(85092308)	11.91896 (85071708)	13.57996 (85071708)	10.17795 (85071708)	7.11083 (85071708)
0.0	7.08713 (85012224)	5.71060 (85012224)	4.72800 (85110524)	4.59014c(85080308)	4.48291c(85080308)
-100.0	9.76082 (85121808)	11.66787c(85042508)	11.41994 (85092708)	8.09552 (85012308)	7.26306 (85012308)
-200.0	15.37925 (85010708)	9.34208 (85010708)	6.25802c(85031624)	4.85998 (85121808)	6.82501c(85042508)
-300.0	13.57402c(85101308)	8.64166c(85021808)	13.06575c(85100508)	6.36363 (85010708)	4.27469c(85062508)
-400.0	7.87311c(85032408)	9.44443c(85101308)	7.84525c(85021808)	7.12254 (85010708)	9.13306c(85100508)
-500.0	5.76117c(85091308)	7.51772c(85010824)	7.38315c(85101408)	6.39765c(85021808)	6.04380c(85122408)
-600.0	5.62157 (85071908)	6.66166c(85051108)	6.00941c(85010824)	6.03116c(85101408)	4.96280c(85021808)
-700.0	4.87377c(85062508)	4.39524c(85120108)	4.58807c(85042608)	4.95165 (85122008)	5.05512c(85101408)
-800.0	4.36726c(85062508)	4.47936 (85071908)	3.74097c(85091308)	3.71727c(85042608)	4.65307 (85122008)
-900.0	4.22333 (85121924)	3.60095c(85062508)	2.94527c(85021808)	4.28064c(85051108)	3.32513c(85010824)
-1000.0	4.96287c(85071408)	4.68457c(85062508)	3.65607 (85071908)	2.82537c(85120108)	3.55582c(85051108)
-1100.0	4.37116c(85071408)	3.83513 (85121924)	2.87099c(85102908)	2.22427c(85021808)	2.66680c(85051108)
-1200.0	3.07386 (85071908)	3.60045c(85092808)	4.16852c(85062508)	3.06365 (85071908)	2.47125c(85120108)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	800.00	900.00	1000.00	1100.00	1200.00
1200.0	2.82649c(85101208)	2.05027c(85061908)	2.76891c(85053108)	2.30911c(85080208)	2.63576c(85031308)
1100.0	2.39084c(85061908)	2.57566c(85053108)	2.63978c(85053108)	2.97111c(85031308)	5.15358c(85031308)
1000.0	2.30044 (85050308)	3.05959c(85053108)	3.41915c(85031308)	5.49040c(85031308)	2.62022c(85040324)
900.0	3.55749c(85053108)	4.02775c(85031308)	5.89014c(85031308)	2.99850c(85071808)	3.67751c(85071808)
800.0	4.83140c(85031308)	6.14574c(85031308)	4.09265c(85071808)	3.52315c(85110208)	2.57513c(85041424)
700.0	6.08300c(85031308)	5.18822c(85071808)	3.93438c(85110208)	2.74114c(85081008)	3.65313c(85051208)
600.0	5.66628c(85071808)	3.48927c(85041424)	3.76422c(85051208)	4.81608c(85051208)	4.11784c(85021308)
500.0	3.79374c(85081008)	5.97430c(85051208)	5.01931c(85021308)	3.26811c(85071608)	2.86381 (85122308)
400.0	6.31539c(85021308)	3.92588c(85071608)	3.99408 (85122308)	4.12689 (85081108)	4.74513 (85081108)
300.0	5.36456 (85081108)	6.37544 (85081108)	4.37048 (85081108)	3.97133c(85070124)	3.10179c(85070124)
200.0	4.40859c(85012808)	6.24577 (85071708)	6.79929 (85071708)	6.29860 (85071708)	5.38777 (85071708)
100.0	5.01221 (85071708)	3.61827 (85071708)	3.44869c(85110624)	3.15519c(85110624)	2.77271c(85110624)
0.0	4.29008c(85080308)	4.07086c(85080308)	3.83277c(85080308)	3.62760c(85080308)	3.43831c(85080308)
-100.0	5.80140 (85012308)	4.34345 (85092708)	3.43187 (85012224)	3.46771 (85012224)	3.39143 (85012224)
-200.0	5.95458c(85042508)	6.55253 (85092708)	5.68760 (85092708)	4.40738 (85092708)	4.35701 (85012308)
-300.0	4.54022 (85012308)	3.18299 (85012308)	3.86224c(85042508)	4.55688c(85042508)	3.82555c(85042508)
-400.0	4.76749 (85010708)	3.71281c(85122408)	3.25699 (85012308)	3.37362 (85012308)	2.32459 (85012308)
-500.0	6.73211c(85100508)	6.35457c(85100508)	3.77447 (85010708)	2.99406c(85122408)	2.33246c(85062508)
-600.0	4.20426c(85021808)	4.42609 (85010708)	6.61249c(85100508)	4.63099c(85100508)	3.12525 (85010708)
-700.0	4.23738c(85101308)	3.99372c(85021808)	4.33224c(85122408)	3.75141c(85100508)	5.65927c(85100508)
-800.0	4.32361c(85101408)	4.48001c(85101308)	3.64785c(85021808)	3.52610c(85122408)	3.20976 (85010708)
-900.0	4.33910 (85122008)	3.76082c(85101408)	4.43326c(85101308)	3.25206c(85021808)	2.64767c(85021808)
-1000.0	3.54515c(85010824)	4.03558 (85122008)	3.31868c(85101408)	4.23107c(85101308)	2.91680c(85021808)
-1100.0	2.70702c(85042608)	3.44542c(85010824)	3.77956 (85122008)	2.96540c(85101408)	4.03654c(85101308)
-1200.0	3.07753c(85051108)	2.40880 (85011408)	3.22658c(85010824)	3.57936 (85122008)	2.73263c(85101408)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE MAXIMUM 50 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** CONC OF CO IN MICROGRAMS/CUBIC-METER **

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
1.	15.07892	(85091504) AT (	-100.00, -100.00) GC	26.	6.41637	(85111910) AT (	-400.00, -200.00) GC
2.	14.99290	(85030709) AT (	-100.00, -100.00) GC	27.	6.40443	(85111903) AT (	-400.00, -200.00) GC
3.	12.15814	(85082812) AT (	-300.00, -100.00) GC	28.	6.38101	(85091414) AT (	-200.00, -300.00) GC
4.	11.90143	(85111910) AT (	-200.00, -100.00) GC	29.	6.37807	(85111908) AT (	-500.00, -200.00) GC
5.	11.87936	(85111903) AT (	-200.00, -100.00) GC	30.	6.32555	(85091504) AT (	-300.00, -300.00) GC
6.	11.00585	(85021206) AT (	200.00, -100.00) GC	31.	6.28679	(85030709) AT (	-300.00, -300.00) GC
7.	10.75337	(85111902) AT (	-200.00, -100.00) GC	32.	6.05509	(85030712) AT (	-400.00, -200.00) GC
8.	10.48393	(85111908) AT (	-200.00, -100.00) GC	33.	6.01728	(85082812) AT (	-600.00, -200.00) GC
9.	9.97935	(85030712) AT (	-200.00, -100.00) GC	34.	5.97380	(85021212) AT (	400.00, -200.00) GC
10.	9.84722	(85021212) AT (	200.00, -100.00) GC	35.	5.95757	(85091415) AT (	-200.00, -300.00) GC
11.	9.65586	(85091415) AT (	-100.00, -200.00) GC	36.	5.79776	(85021206) AT (	500.00, -200.00) GC
12.	8.95278	(85091504) AT (	-200.00, -200.00) GC	37.	5.72830	(85111909) AT (	-400.00, -100.00) GC
13.	8.89785	(85030709) AT (	-200.00, -200.00) GC	38.	5.57439	(85082812) AT (	-500.00, -200.00) GC
14.	8.87869	(85111909) AT (	-300.00, -100.00) GC	39.	5.49529	(85091414) AT (	-300.00, -400.00) GC
15.	8.76196	(85082812) AT (	-400.00, -100.00) GC	40.	5.43111	(85111902) AT (	-400.00, -200.00) GC
16.	8.32844	(85111904) AT (	-300.00, -100.00) GC	41.	5.41684	(85082812) AT (	-500.00, -100.00) GC
17.	8.23590	(85041220) AT (	-300.00, -100.00) GC	42.	5.38433	(85082812) AT (	-700.00, -200.00) GC
18.	7.70620	(85111905) AT (	-300.00, -100.00) GC	43.	5.36106	(85022113) AT (	-500.00, -100.00) GC
19.	7.56074	(85082812) AT (	-200.00, -100.00) GC	44.	5.33743	(85021206) AT (	300.00, -100.00) GC
20.	7.28997	(85101921) AT (	-300.00, -200.00) GC	45.	5.19844	(85091416) AT (	-300.00, -400.00) GC
21.	7.24296	(85111907) AT (	-400.00, -100.00) GC	46.	5.18565	(85091419) AT (	-300.00, -400.00) GC
22.	6.98222	(85111908) AT (	-300.00, -100.00) GC	47.	5.14064	(85021206) AT (	400.00, -200.00) GC
23.	6.97880	(85091419) AT (	-200.00, -300.00) GC	48.	5.13231	(85091415) AT (	-300.00, -500.00) GC
24.	6.49788	(85111904) AT (	-400.00, -100.00) GC	49.	5.09410	(85062215) AT (	-1100.00, 100.00) GC
25.	6.43165	(85111907) AT (	-300.00, -100.00) GC	50.	5.07833	(85101921) AT (	-200.00, -100.00) GC

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

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE MAXIMUM 50 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2
 INCLUDING SOURCE(S): 11 ,

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
1.	206.73240	(85073003) AT (	-100.00, 0.00) GC	26.	105.89470	(85090507) AT (	100.00, -100.00) GC
2.	206.70370	(85100104) AT (	-100.00, 0.00) GC	27.	105.33620	(85090421) AT (	100.00, -100.00) GC
3.	171.69680	(85081804) AT (	-100.00, 0.00) GC	28.	101.80100	(85050204) AT (	-200.00, 0.00) GC
4.	171.50560	(85050204) AT (	-100.00, 0.00) GC	29.	100.86980	(85081804) AT (	-200.00, 0.00) GC
5.	169.12560	(85062201) AT (	-100.00, 0.00) GC	30.	100.67610	(85021806) AT (	100.00, -100.00) GC
6.	148.61920	(85071914) AT (	-100.00, 0.00) GC	31.	100.01410	(85012006) AT (	100.00, 100.00) GC
7.	137.92840	(85042422) AT (	-100.00, 100.00) GC	32.	99.77927	(85030605) AT (	100.00, -100.00) GC
8.	131.97920	(85072705) AT (	-100.00, 100.00) GC	33.	99.59051	(85040401) AT (	100.00, 100.00) GC
9.	128.99580	(85032822) AT (	-100.00, 100.00) GC	34.	99.49895	(85040324) AT (	100.00, 100.00) GC
10.	127.29390	(85071322) AT (	-100.00, 100.00) GC	35.	99.23698	(85111705) AT (	-200.00, 0.00) GC
11.	127.01920	(85091221) AT (	-100.00, 100.00) GC	36.	99.23698	(85112705) AT (	-200.00, 0.00) GC
12.	123.45920	(85032924) AT (	-100.00, 100.00) GC	37.	97.93369	(85051004) AT (	-100.00, 100.00) GC
13.	122.29820	(85073101) AT (	-100.00, 100.00) GC	38.	97.83710	(85040721) AT (	-100.00, 100.00) GC
14.	122.24710	(85101321) AT (	-100.00, 100.00) GC	39.	97.39543	(85092721) AT (	-100.00, 100.00) GC
15.	118.63510	(85111705) AT (	-100.00, 0.00) GC	40.	93.46593	(85080508) AT (	100.00, 100.00) GC
16.	118.63510	(85112705) AT (	-100.00, 0.00) GC	41.	93.25642	(85121601) AT (	0.00, -100.00) GC
17.	115.20970	(85071803) AT (	100.00, 100.00) GC	42.	93.07517	(85042421) AT (	-200.00, 100.00) GC
18.	114.43340	(85121906) AT (	100.00, -100.00) GC	43.	93.07517	(85042621) AT (	-200.00, 100.00) GC
19.	113.76440	(85120105) AT (	100.00, -100.00) GC	44.	92.99026	(85111020) AT (	-200.00, 100.00) GC
20.	112.82460	(85072001) AT (	100.00, 100.00) GC	45.	92.84585	(85100104) AT (	-200.00, 0.00) GC
21.	112.43420	(85070821) AT (	100.00, -100.00) GC	46.	92.80842	(85070317) AT (	0.00, 100.00) GC
22.	110.50920	(85071723) AT (	-100.00, 100.00) GC	47.	92.80582	(85073003) AT (	-200.00, 0.00) GC
23.	109.31030	(85011606) AT (	100.00, -100.00) GC	48.	91.72121	(85032824) AT (	-100.00, 100.00) GC
24.	106.21010	(85101403) AT (	100.00, -100.00) GC	49.	91.19295	(85061808) AT (	0.00, 100.00) GC
25.	106.09850	(85101303) AT (	100.00, -100.00) GC	50.	91.15060	(85062318) AT (	0.00, 100.00) GC

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

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE MAXIMUM 50 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** CONC OF CO IN MICROGRAMS/CUBIC-METER **

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
1.	206.73250	(85073003) AT (	-100.00, 0.00) GC	26.	105.99500	(85090507) AT (	100.00, -100.00) GC
2.	206.70380	(85100104) AT (	-100.00, 0.00) GC	27.	105.34950	(85090421) AT (	100.00, -100.00) GC
3.	171.70880	(85081804) AT (	-100.00, 0.00) GC	28.	101.89110	(85050204) AT (	-200.00, 0.00) GC
4.	171.51910	(85050204) AT (	-100.00, 0.00) GC	29.	100.96000	(85081804) AT (	-200.00, 0.00) GC
5.	169.12560	(85062201) AT (	-100.00, 0.00) GC	30.	100.77360	(85021806) AT (	100.00, -100.00) GC
6.	148.61920	(85071914) AT (	-100.00, 0.00) GC	31.	100.07480	(85012006) AT (	100.00, 100.00) GC
7.	138.02730	(85042422) AT (	-100.00, 100.00) GC	32.	99.87686	(85030605) AT (	100.00, -100.00) GC
8.	132.01540	(85072705) AT (	-100.00, 100.00) GC	33.	99.65131	(85040401) AT (	100.00, 100.00) GC
9.	129.09670	(85032822) AT (	-100.00, 100.00) GC	34.	99.55978	(85040324) AT (	100.00, 100.00) GC
10.	127.39490	(85071322) AT (	-100.00, 100.00) GC	35.	99.33305	(85111705) AT (	-200.00, 0.00) GC
11.	127.12020	(85091221) AT (	-100.00, 100.00) GC	36.	99.33305	(85112705) AT (	-200.00, 0.00) GC
12.	123.55520	(85032924) AT (	-100.00, 100.00) GC	37.	98.03570	(85051004) AT (	-100.00, 100.00) GC
13.	122.34320	(85101321) AT (	-100.00, 100.00) GC	38.	97.93911	(85040721) AT (	-100.00, 100.00) GC
14.	122.33480	(85073101) AT (	-100.00, 100.00) GC	39.	97.49747	(85092721) AT (	-100.00, 100.00) GC
15.	118.64810	(85111705) AT (	-100.00, 0.00) GC	40.	93.46593	(85080508) AT (	100.00, 100.00) GC
16.	118.64810	(85112705) AT (	-100.00, 0.00) GC	41.	93.25642	(85121601) AT (	0.00, -100.00) GC
17.	115.27690	(85071803) AT (	100.00, 100.00) GC	42.	93.18551	(85042421) AT (	-200.00, 100.00) GC
18.	114.53260	(85121906) AT (	100.00, -100.00) GC	43.	93.18551	(85042621) AT (	-200.00, 100.00) GC
19.	113.86370	(85120105) AT (	100.00, -100.00) GC	44.	93.10059	(85111020) AT (	-200.00, 100.00) GC
20.	112.89750	(85072001) AT (	100.00, 100.00) GC	45.	92.90950	(85100104) AT (	-200.00, 0.00) GC
21.	112.53360	(85070821) AT (	100.00, -100.00) GC	46.	92.86948	(85073003) AT (	-200.00, 0.00) GC
22.	110.50920	(85071723) AT (	-100.00, 100.00) GC	47.	92.80842	(85070317) AT (	0.00, 100.00) GC
23.	109.41030	(85011606) AT (	100.00, -100.00) GC	48.	91.81342	(85032824) AT (	-100.00, 100.00) GC
24.	106.31030	(85101403) AT (	100.00, -100.00) GC	49.	91.19295	(85061808) AT (	0.00, 100.00) GC
25.	106.19880	(85101303) AT (	100.00, -100.00) GC	50.	91.15060	(85062318) AT (	0.00, 100.00) GC

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

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE MAXIMUM 50 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2
 INCLUDING SOURCE(S): 11 ,

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
1.	53.93410	(85100108)	AT (-100.00, 0.00) GC	26.	25.95129	(85073008)	AT (-100.00, 0.00) GC
2.	47.08040	(85072408)	AT (0.00, 100.00) GC	27.	25.80709	(85100108)	AT (-200.00, 0.00) GC
3.	44.82810	(85032824)	AT (-100.00, 100.00) GC	28.	25.66456c	(85031308)	AT (200.00, 200.00) GC
4.	37.54518	(85050208)	AT (-100.00, 0.00) GC	29.	25.25151	(85093008)	AT (-100.00, 0.00) GC
5.	35.58772	(85111708)	AT (-100.00, 0.00) GC	30.	25.18385	(85102124)	AT (-100.00, 0.00) GC
6.	34.93375	(85030524)	AT (-100.00, 0.00) GC	31.	25.15176	(85090624)	AT (-100.00, 0.00) GC
7.	34.59932c	(85071808)	AT (100.00, 100.00) GC	32.	25.01173	(85111708)	AT (-200.00, 0.00) GC
8.	34.40007	(85111608)	AT (-100.00, 0.00) GC	33.	24.89478	(85121908)	AT (100.00, -100.00) GC
9.	33.93991	(85112708)	AT (-100.00, 0.00) GC	34.	24.73573c	(85113008)	AT (-100.00, 100.00) GC
10.	33.84554	(85091224)	AT (-100.00, 100.00) GC	35.	24.69946c	(85062208)	AT (-100.00, 0.00) GC
11.	31.78216	(85111624)	AT (-100.00, 0.00) GC	36.	24.41173c	(85021008)	AT (-100.00, 0.00) GC
12.	31.70830	(85102208)	AT (-100.00, 0.00) GC	37.	24.37554	(85111424)	AT (-100.00, 0.00) GC
13.	31.32091c	(85101308)	AT (100.00, -100.00) GC	38.	24.28317	(85102608)	AT (-100.00, 0.00) GC
14.	30.76376	(85111308)	AT (-100.00, 0.00) GC	39.	24.28104	(85091708)	AT (-100.00, 0.00) GC
15.	29.76384c	(85071324)	AT (-100.00, 100.00) GC	40.	24.11945	(85111208)	AT (-100.00, 0.00) GC
16.	29.37279	(85112808)	AT (-100.00, 100.00) GC	41.	23.85078c	(85040324)	AT (200.00, 200.00) GC
17.	28.61613c	(85081808)	AT (-100.00, 0.00) GC	42.	23.65235	(85052624)	AT (-100.00, -100.00) GC
18.	28.58130c	(85032924)	AT (-100.00, 100.00) GC	43.	23.49528	(85102324)	AT (-100.00, 0.00) GC
19.	28.50470	(85101524)	AT (-100.00, 0.00) GC	44.	23.42704c	(85022608)	AT (-100.00, 100.00) GC
20.	27.47501c	(85040324)	AT (100.00, 100.00) GC	45.	23.38534	(85112708)	AT (-200.00, 0.00) GC
21.	27.42540	(85121616)	AT (-100.00, 0.00) GC	46.	23.27005	(85120324)	AT (-100.00, -100.00) GC
22.	26.92436	(85111408)	AT (-100.00, 0.00) GC	47.	23.26584	(85091016)	AT (-100.00, 0.00) GC
23.	26.89178	(85042408)	AT (-100.00, 0.00) GC	48.	23.24774	(85111224)	AT (-100.00, 0.00) GC
24.	26.44743	(85112408)	AT (-100.00, 0.00) GC	49.	23.22162	(85120808)	AT (-100.00, 0.00) GC
25.	26.07662	(85072508)	AT (-100.00, 100.00) GC	50.	23.07075	(85112724)	AT (-100.00, 100.00) GC

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

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE MAXIMUM 50 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
1.	53.93410	(85100108) AT (	-100.00, 0.00) GC	26.	25.95130	(85073008) AT (	-100.00, 0.00) GC
2.	47.08040	(85072408) AT (	0.00, 100.00) GC	27.	25.82085	(85100108) AT (	-200.00, 0.00) GC
3.	44.86628	(85032824) AT (	-100.00, 100.00) GC	28.	25.70556c	(85031308) AT (	200.00, 200.00) GC
4.	37.54688	(85050208) AT (	-100.00, 0.00) GC	29.	25.25151	(85093008) AT (	-100.00, 0.00) GC
5.	35.59256	(85111708) AT (	-100.00, 0.00) GC	30.	25.18385	(85102124) AT (	-100.00, 0.00) GC
6.	34.93376	(85030524) AT (	-100.00, 0.00) GC	31.	25.15176	(85090624) AT (	-100.00, 0.00) GC
7.	34.62461c	(85071808) AT (	100.00, 100.00) GC	32.	25.06947	(85111708) AT (	-200.00, 0.00) GC
8.	34.40008	(85111608) AT (	-100.00, 0.00) GC	33.	24.92495	(85121908) AT (	100.00, -100.00) GC
9.	33.94154	(85112708) AT (	-100.00, 0.00) GC	34.	24.74143c	(85113008) AT (	-100.00, 100.00) GC
10.	33.85886	(85091224) AT (	-100.00, 100.00) GC	35.	24.69946c	(85062208) AT (	-100.00, 0.00) GC
11.	31.78218	(85111624) AT (	-100.00, 0.00) GC	36.	24.41173c	(85021008) AT (	-100.00, 0.00) GC
12.	31.70830	(85102208) AT (	-100.00, 0.00) GC	37.	24.37554	(85111424) AT (	-100.00, 0.00) GC
13.	31.35434c	(85101308) AT (	100.00, -100.00) GC	38.	24.28317	(85102608) AT (	-100.00, 0.00) GC
14.	30.76376	(85111308) AT (	-100.00, 0.00) GC	39.	24.28104	(85091708) AT (	-100.00, 0.00) GC
15.	29.80107c	(85071324) AT (	-100.00, 100.00) GC	40.	24.11945	(85111208) AT (	-100.00, 0.00) GC
16.	29.38568	(85112808) AT (	-100.00, 100.00) GC	41.	23.88619c	(85040324) AT (	200.00, 200.00) GC
17.	28.61814c	(85081808) AT (	-100.00, 0.00) GC	42.	23.65235	(85052624) AT (	-100.00, -100.00) GC
18.	28.59732c	(85032924) AT (	-100.00, 100.00) GC	43.	23.49528	(85102324) AT (	-100.00, 0.00) GC
19.	28.50470	(85101524) AT (	-100.00, 0.00) GC	44.	23.43270c	(85022608) AT (	-100.00, 100.00) GC
20.	27.51464c	(85040324) AT (	100.00, 100.00) GC	45.	23.41195	(85112708) AT (	-200.00, 0.00) GC
21.	27.42540	(85121616) AT (	-100.00, 0.00) GC	46.	23.27005	(85120324) AT (	-100.00, -100.00) GC
22.	26.92436	(85111408) AT (	-100.00, 0.00) GC	47.	23.26584	(85091016) AT (	-100.00, 0.00) GC
23.	26.89178	(85042408) AT (	-100.00, 0.00) GC	48.	23.24774	(85111224) AT (	-100.00, 0.00) GC
24.	26.44744	(85112408) AT (	-100.00, 0.00) GC	49.	23.22162	(85120808) AT (	-100.00, 0.00) GC
25.	26.09803	(85072508) AT (	-100.00, 100.00) GC	50.	23.08243	(85112724) AT (	-100.00, 100.00) GC

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

*** ISCST2 - VERSION 92062 *** *** FGTC III ST 21 1,8 HOUR CO 100 m GRID 2-23-93 1985
*** ENSR Version 1.00 Level 920408*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

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

		** CONC OF CO IN MICROGRAMS/CUBIC-METER **								
GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR	(XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID			
1	HIGH 1ST HIGH VALUE IS	15.07892	ON 85091504:	AT (	-100.00, -100.00, 0.00, 0.00)	GC	E3		
2	HIGH 1ST HIGH VALUE IS	206.73240	ON 85073003:	AT (	-100.00, 0.00, 0.00, 0.00)	GC	E3		
3	HIGH 1ST HIGH VALUE IS	206.73250	ON 85073003:	AT (	-100.00, 0.00, 0.00, 0.00)	GC	E3		

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

*** ISCST2 - VERSION 92062 *** *** FGTC III ST 21 1,8 HOUR CO 100 m GRID 2-23-93 1985
*** ENSR Version 1.00 Level 920408*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** Message Summary For ISC2 Model Execution ***

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

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 584 Informational Message(s)

A Total of 584 Calm Hours Identified

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

***** WARNING MESSAGES *****
SO W320 27 PPARAM : Source Parameter May Be Out-of-Range for Parameter VS
SO W320 28 PPARAM : Source Parameter May Be Out-of-Range for Parameter VS

*** ISCST2 Finishes Successfully ***

ISC MODEL RESULTS
CO 1- AND 8-HOUR
100 METER GRID
YEAR 1986

NO ECHO

*** Message Summary For ISC2 Model Setup ***

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

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

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

***** WARNING MESSAGES *****
SO W320 27 PARM : Source Parameter May Be Out-of-Range for Parameter VS
SO W320 28 PARM : Source Parameter May Be Out-of-Range for Parameter VS

*** SETUP Finishes Successfully ***

*** ISCST2 - VERSION 92062 *** *** FGTC III ST 21 1,8 HOUR CO 100 m GRID 2-23-93 1986
 *** ENSR Version 1.00 Level 920408*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (USER UNITS)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE	
											SCALAR	VARY BY
1	0	0.84000E+00	0.0	0.0	0.0	15.24	763.72	55.43	1.01	YES		
2	0	0.84000E+00	0.0	-17.0	0.0	15.24	763.72	55.43	1.01	YES		
11	0	0.80000E-01	-20.0	5.0	0.0	6.10	894.27	44.10	0.09	YES		

*** ISCST2 - VERSION 92062 *** *** FGTC III ST 21 1,8 HOUR CO 100 m GRID 2-23-93 1986
*** ENSR Version 1.00 Level 920408*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
1	1 , 2 ,
2	11 ,
3	1 , 2 , 11 ,

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: 1

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK				
1	9.1,	21.2,	0	2	9.1,	26.5,	0	3	9.1,	31.0,	0	4	9.1,	34.5,	0	5	9.1,	37.0,	0	6	9.1,	38.3,	0
7	9.1,	38.5,	0	8	9.1,	38.5,	0	9	9.1,	37.5,	0	10	9.1,	38.5,	0	11	9.1,	38.5,	0	12	9.1,	38.3,	0
13	9.1,	37.0,	0	14	9.1,	34.5,	0	15	9.1,	31.0,	0	16	9.1,	26.5,	0	17	9.1,	21.2,	0	18	9.1,	15.3,	0
19	9.1,	21.2,	0	20	9.1,	26.5,	0	21	9.1,	31.0,	0	22	9.1,	34.5,	0	23	9.1,	37.0,	0	24	9.1,	38.3,	0
25	9.1,	38.5,	0	26	9.1,	38.5,	0	27	9.1,	37.5,	0	28	9.1,	38.5,	0	29	9.1,	38.5,	0	30	9.1,	38.3,	0
31	9.1,	37.0,	0	32	9.1,	34.5,	0	33	9.1,	31.0,	0	34	9.1,	26.5,	0	35	9.1,	21.2,	0	36	9.1,	15.3,	0

SOURCE ID: 2

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK				
1	9.1,	21.2,	0	2	9.1,	26.5,	0	3	9.1,	31.0,	0	4	9.1,	34.5,	0	5	9.1,	37.0,	0	6	9.1,	38.3,	0
7	9.1,	38.5,	0	8	9.1,	38.5,	0	9	9.1,	37.5,	0	10	9.1,	38.5,	0	11	9.1,	38.5,	0	12	9.1,	38.3,	0
13	9.1,	37.0,	0	14	9.1,	34.5,	0	15	9.1,	31.0,	0	16	9.1,	26.5,	0	17	9.1,	21.2,	0	18	9.1,	15.3,	0
19	9.1,	21.2,	0	20	9.1,	26.5,	0	21	9.1,	31.0,	0	22	9.1,	34.5,	0	23	9.1,	37.0,	0	24	9.1,	38.3,	0
25	9.1,	38.5,	0	26	9.1,	38.5,	0	27	9.1,	37.5,	0	28	9.1,	38.5,	0	29	9.1,	38.5,	0	30	9.1,	38.3,	0
31	9.1,	37.0,	0	32	9.1,	34.5,	0	33	9.1,	31.0,	0	34	9.1,	26.5,	0	35	9.1,	21.2,	0	36	9.1,	15.3,	0

SOURCE ID: 11

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK				
1	5.7,	10.2,	0	2	5.7,	12.6,	0	3	5.7,	54.7,	0	4	5.7,	55.0,	0	5	9.1,	37.0,	0	6	9.1,	38.3,	0
7	9.1,	38.5,	0	8	9.1,	38.5,	0	9	5.7,	17.2,	0	10	9.1,	38.5,	0	11	9.1,	38.5,	0	12	9.1,	38.3,	0
13	9.1,	37.0,	0	14	9.1,	34.5,	0	15	9.1,	31.0,	0	16	5.7,	44.4,	0	17	5.7,	10.2,	0	18	5.7,	7.5,	0
19	5.7,	10.2,	0	20	5.7,	12.6,	0	21	5.7,	54.7,	0	22	5.7,	55.0,	0	23	9.1,	37.0,	0	24	9.1,	38.3,	0
25	9.1,	38.5,	0	26	9.1,	38.5,	0	27	9.1,	37.5,	0	28	9.1,	38.5,	0	29	9.1,	38.5,	0	30	9.1,	38.3,	0
31	9.1,	37.0,	0	32	9.1,	34.5,	0	33	9.1,	31.0,	0	34	5.7,	44.4,	0	35	5.7,	10.2,	0	36	5.7,	7.5,	0

*** ISCST2 - VERSION 92062 *** *** FGTC III ST 21 1,8 HOUR CO 100 m GRID 2-23-93 1986
*** ENSR Version 1.00 Level 920408*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

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

-1200.0,	-1100.0,	-1000.0,	-900.0,	-800.0,	-700.0,	-600.0,	-500.0,	-400.0,	-300.0,
-200.0,	-100.0,	0.0,	100.0,	200.0,	300.0,	400.0,	500.0,	600.0,	700.0,
800.0,	900.0,	1000.0,	1100.0,	1200.0,					

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

-1200.0,	-1100.0,	-1000.0,	-900.0,	-800.0,	-700.0,	-600.0,	-500.0,	-400.0,	-300.0,
-200.0,	-100.0,	0.0,	100.0,	200.0,	300.0,	400.0,	500.0,	600.0,	700.0,
800.0,	900.0,	1000.0,	1100.0,	1200.0,					

*** ISCST2 - VERSION 92062 *** *** FGTC III ST 21 1,8 HOUR CO 100 m GRID 2-23-93 1986
*** ENSR Version 1.00 Level 920408*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

* SOURCE-RECEPTOR COMBINATIONS LESS THAN 1.0 METER OR 3*2LB *
IN DISTANCE. CALCULATIONS MAY NOT BE PERFORMED.

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)		DISTANCE (METERS)
1	0.0	0.0	0.00
2	0.0	0.0	17.00
11	0.0	0.0	20.62

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-700.00	-600.00	X-COORD (METERS) -500.00	-400.00	-300.00
1200.0	3.64299 (86122316)	3.49844 (86031913)	3.62057 (86082914)	3.57325 (86062011)	3.71529 (86060713)
1100.0	4.21927 (86122316)	3.63274 (86122402)	3.72353 (86082914)	3.38479 (86062011)	3.90973 (86060713)
1000.0	4.46575 (86122312)	4.14736 (86122316)	3.98120 (86031913)	3.91913 (86082914)	4.15716 (86080212)
900.0	3.82597 (86061411)	4.50199 (86122314)	3.95435 (86082013)	4.07859 (86082914)	4.39462 (86080212)
800.0	4.13482 (86080313)	4.36026 (86122312)	4.43666 (86122316)	4.25921 (86031913)	4.11122 (86080212)
700.0	4.31145 (86061710)	4.49930 (86080313)	4.71442 (86122312)	4.31634 (86082013)	3.90961 (86082914)
600.0	4.73489 (86122311)	4.54994 (86061710)	4.62011 (86080313)	4.74270 (86122314)	3.82076 (86031913)
500.0	4.47161 (86080311)	4.88300 (86122310)	4.62016 (86072814)	4.14882 (86080313)	5.00670 (86122316)
400.0	4.16993 (86080314)	4.18557 (86080311)	5.01785 (86122310)	4.85544 (86122322)	6.48257 (86122312)
300.0	4.32583 (86081212)	4.34685 (86081212)	3.25487 (86040212)	5.53836 (86122310)	6.38258 (86122322)
200.0	3.97549 (86081414)	3.51568 (86081414)	3.00026 (86081212)	2.17250 (86081212)	4.63372 (86122313)
100.0	3.86795 (86061414)	3.25400 (86041114)	2.31100 (86041114)	0.97783 (86081414)	0.27471 (86081212)
0.0	3.67275 (86051512)	4.15240 (86122224)	4.83658 (86122224)	5.74527 (86122224)	7.01216 (86122224)
-100.0	4.47023 (86051514)	5.08681 (86010823)	6.26546 (86010823)	6.20700 (86010823)	8.80344 (86010910)
-200.0	4.41538 (86010910)	4.53310 (86010910)	2.99429 (86010910)	3.24912 (86111412)	7.81039 (86111412)
-300.0	4.26042 (86091711)	4.32935 (86091711)	5.28072 (86111412)	5.98577 (86051402)	6.23504 (86101920)
-400.0	4.36369 (86091713)	4.04013 (86051402)	5.19875 (86111411)	4.86444 (86101920)	6.54869 (86101824)
-500.0	4.30532 (86032412)	4.65607 (86111411)	3.98158 (86101920)	5.96138 (86101824)	4.84170 (86111405)
-600.0	4.40199 (86092211)	4.06323 (86032413)	5.51803 (86101824)	3.32328 (86060515)	3.69425 (86041413)
-700.0	4.03445 (86101920)	4.94618 (86101824)	3.92624 (86042314)	4.51741 (86111405)	3.78156 (86041413)
-800.0	4.54896 (86101824)	4.03923 (86042314)	3.96858 (86062712)	4.22885 (86041413)	3.91246 (86042313)
-900.0	4.24491 (86101824)	3.89276 (86060515)	4.21945 (86111405)	4.02860 (86041413)	4.00535 (86101903)
-1000.0	3.66952 (86060515)	4.06614 (86111405)	3.98507 (86041413)	3.98633 (86042313)	3.93356 (86101903)
-1100.0	3.53344 (86060515)	4.00471 (86111405)	3.73214 (86041413)	3.67171 (86042313)	3.62132 (86041411)
-1200.0	4.05177 (86111405)	3.51352 (86041413)	3.59749 (86042313)	4.02895 (86101903)	3.69028 (86041411)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

*** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	-200.00	-100.00	0.00	100.00	200.00
1200.0	3.61663 (86122403)	3.82569 (86060712)	3.51216 (86073012)	3.37291 (86073013)	3.48855 (86072812)
1100.0	3.59549 (86122403)	4.07235 (86060712)	3.50875 (86073012)	3.29984 (86073013)	3.57227 (86072914)
1000.0	3.86348 (86060713)	4.26396 (86060712)	3.42665 (86073012)	3.15609 (86070312)	3.77445 (86072912)
900.0	4.37043 (86060713)	4.34689 (86060712)	3.24144 (86073012)	3.25482 (86070312)	3.90243 (86072912)
800.0	4.65474 (86060713)	4.24368 (86060712)	3.21964 (86060712)	3.21947 (86070312)	3.73313 (86072912)
700.0	4.95130 (86080212)	3.85874 (86060712)	3.13595 (86060712)	2.97484 (86070312)	4.07719 (86082813)
600.0	4.90068 (86080212)	3.17375 (86060713)	2.74597 (86060712)	2.37474 (86070312)	3.93981 (86082813)
500.0	3.97209 (86052113)	3.16469 (86052113)	1.98804 (86060712)	1.58852 (86072912)	2.67970 (86082813)
400.0	2.71808 (86122316)	2.75602 (86052113)	0.96538 (86060712)	1.15468 (86082813)	0.93802 (86073011)
300.0	8.43153 (86122314)	1.35777 (86052113)	0.17718 (86060712)	0.33609 (86082813)	0.31179 (86052111)
200.0	9.16436 (86122322)	5.04723 (86122316)	0.14866 (86072604)	0.16984 (86020506)	2.76273 (86090718)
100.0	1.14305 (86122313)	16.07146 (86122322)	0.14959 (86072604)	4.97066 (86090718)	1.98622 (86063017)
0.0	8.95607 (86122224)	13.88539 (86122224)	0.00000 (0)	0.28829 (86030115)	0.15324 (86111702)
-100.0	5.39888 (86111412)	14.31216 (86111411)	11.68511 (86032213)	7.10410 (86030114)	10.96374 (86030116)
-200.0	8.57315 (86101920)	10.81882 (86111405)	10.16754 (86032213)	9.05243 (86032214)	1.66783 (86030114)
-300.0	5.46916 (86111406)	8.20318 (86101903)	7.62415 (86032213)	4.84025 (86032214)	7.72062 (86030113)
-400.0	5.26430 (86111405)	4.70597 (86101903)	5.78941 (86032213)	5.29029 (86032213)	5.06780 (86032214)
-500.0	3.24369 (86101903)	1.96518 (86041812)	4.51215 (86032213)	6.25457 (86032213)	4.97288 (86032214)
-600.0	4.36439 (86101903)	2.85699 (86041812)	3.60610 (86032213)	6.02999 (86032213)	3.21637 (86090313)
-700.0	3.63200 (86101903)	2.83416 (86042812)	4.11621 (86032312)	5.37270 (86032213)	3.28485 (86050913)
-800.0	3.89318 (86041411)	2.79748 (86042812)	4.34705 (86032312)	5.05437 (86032213)	3.26873 (86050913)
-900.0	4.06789 (86041411)	2.82313 (86102021)	4.35983 (86032312)	4.61425 (86032213)	3.47014 (86042312)
-1000.0	3.91671 (86041411)	3.17574 (86102021)	4.24233 (86032312)	4.12849 (86032213)	3.75999 (86042312)
-1100.0	3.58964 (86041411)	3.27924 (86102021)	4.05070 (86032312)	3.65899 (86032213)	3.81377 (86042312)
-1200.0	3.25205 (86091412)	3.28074 (86102021)	3.82258 (86032312)	3.40936 (86101816)	3.70576 (86042312)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	300.00	400.00	500.00	600.00	700.00
1200.0	3.67832 (86072912)	3.65582 (86082813)	3.52350 (86073011)	3.31140 (86081616)	3.17133 (86112011)
1100.0	3.64722 (86060714)	3.80917 (86073011)	3.51719 (86073114)	3.46445 (86080416)	3.42188 (86060716)
1000.0	4.06740 (86082813)	4.00319 (86073011)	3.40039 (86081616)	3.39889 (86112011)	3.44285 (86052011)
900.0	4.35343 (86082813)	3.70585 (86073011)	3.40568 (86080416)	3.47795 (86060716)	3.38220 (86041311)
800.0	4.12856 (86082813)	3.12399 (86081616)	3.27515 (86112011)	3.18345 (86052111)	3.63648 (86041311)
700.0	3.72782 (86073011)	2.84841 (86080416)	3.24393 (86052111)	3.55776 (86041311)	3.70023 (86072116)
600.0	3.07100 (86052112)	2.90979 (86052111)	3.34397 (86052111)	3.48725 (86042114)	4.05613 (86042114)
500.0	2.24260 (86052112)	2.97562 (86052111)	3.16976 (86042114)	4.23627 (86063017)	4.03364 (86063017)
400.0	1.74073 (86052111)	2.22019 (86042114)	4.91503 (86063017)	3.19419 (86063017)	3.05737 (86040811)
300.0	1.93935 (86090718)	6.43968 (86063017)	1.95665 (86040811)	2.50257 (86040811)	3.73310 (86041312)
200.0	6.68694 (86063017)	0.89859 (86041312)	2.54445 (86041312)	3.37621 (86041312)	3.69610 (86040911)
100.0	0.19030 (86041312)	0.78093 (86090411)	2.18267 (86090411)	3.36459 (86090411)	3.93170 (86090411)
0.0	0.15623 (86081507)	0.36471 (86090411)	0.81245 (86090411)	1.48012 (86090410)	2.20777 (86090410)
-100.0	8.26222 (86022513)	6.47877 (86030115)	3.95454 (86030115)	2.19330 (86030115)	2.36000 (86071911)
-200.0	6.12186 (86030114)	6.22277 (86030116)	3.45294 (86030116)	4.26899 (86022513)	4.17181 (86022513)
-300.0	0.76454 (86030114)	5.16761 (86030114)	2.97143 (86042211)	4.23321 (86030116)	3.60728 (86030116)
-400.0	4.91931 (86030113)	1.75732 (86090511)	3.28756 (86030114)	3.48915 (86030114)	4.19301 (86042211)
-500.0	3.63635 (86032212)	3.10963 (86032212)	2.75116 (86090511)	2.83796 (86050912)	3.75308 (86030114)
-600.0	3.47703 (86032214)	4.62091 (86032212)	2.79983 (86032212)	3.08914 (86090511)	3.19310 (86022014)
-700.0	4.26125 (86032214)	3.78264 (86032212)	4.38355 (86032212)	3.15381 (86112111)	3.34972 (86022515)
-800.0	3.15162 (86050913)	3.46546 (86090211)	4.26752 (86032212)	3.74713 (86032212)	3.41323 (86112111)
-900.0	3.29301 (86050913)	4.18783 (86032214)	3.33826 (86122111)	4.08744 (86032212)	3.45520 (86050911)
-1000.0	3.28467 (86032215)	3.68617 (86032214)	3.65532 (86090211)	3.43622 (86032212)	4.12315 (86030113)
-1100.0	3.08387 (86030510)	3.07131 (86032215)	4.10894 (86032214)	3.41671 (86122111)	3.39838 (86030113)
-1200.0	3.21868 (86042311)	3.56784 (86032215)	3.89325 (86032214)	3.47376 (86090211)	3.22970 (86122111)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	800.00	900.00	1000.00	1100.00	1200.00
1200.0	3.30218 (86060716)	3.04156 (86022713)	3.14574 (86041311)	3.06769 (86073109)	3.52004 (86081715)
1100.0	3.22168 (86052011)	3.32398 (86041311)	3.25418 (86073109)	3.61078 (86081715)	3.19937 (86090617)
1000.0	3.42411 (86041311)	3.40069 (86073109)	3.66920 (86081715)	3.23970 (86042114)	3.65896 (86090718)
900.0	3.52734 (86041311)	3.67770 (86081715)	3.53675 (86042114)	3.89148 (86090718)	3.93101 (86063017)
800.0	3.71512 (86072116)	3.81348 (86042114)	4.21433 (86063017)	3.84841 (86063017)	3.15843 (86022810)
700.0	4.01739 (86042114)	4.50103 (86063017)	3.48178 (86063017)	3.22959 (86081811)	3.13326 (86081811)
600.0	4.53047 (86063017)	3.09518 (86022810)	3.20934 (86081811)	2.91304 (86072517)	3.05382 (86070413)
500.0	3.03137 (86040811)	3.07191 (86040811)	2.87729 (86100612)	3.09173 (86041312)	3.40881 (86041312)
400.0	2.98537 (86040811)	3.57897 (86041312)	3.98156 (86041312)	3.86506 (86041312)	3.51245 (86040911)
300.0	4.24705 (86041312)	3.98968 (86041312)	4.01549 (86040911)	3.79932 (86040911)	3.45809 (86041614)
200.0	3.68349 (86040911)	3.78146 (86090411)	4.00808 (86090411)	3.98869 (86090411)	3.81280 (86090411)
100.0	3.96615 (86090411)	3.76291 (86090411)	3.44652 (86090411)	3.55405 (86070219)	3.66610 (86070219)
0.0	2.62911 (86090410)	2.92975 (86090410)	3.11500 (86090410)	3.20345 (86090410)	3.21710 (86090410)
-100.0	2.41821 (86071911)	2.64735 (86090410)	2.94725 (86090410)	3.13399 (86090410)	3.22614 (86090410)
-200.0	4.38320 (86030115)	3.64951 (86030115)	3.29424 (86030714)	3.22775 (86030714)	3.10346 (86090413)
-300.0	2.97868 (86042212)	3.74169 (86022513)	4.22564 (86022513)	4.06685 (86030115)	4.09687 (86030115)
-400.0	4.01437 (86042213)	3.96319 (86042213)	3.42843 (86042212)	3.37395 (86042212)	3.59893 (86022513)
-500.0	3.88088 (86042211)	4.14413 (86042211)	3.98598 (86030116)	4.01512 (86030116)	3.40747 (86041715)
-600.0	3.71215 (86030114)	3.65896 (86030114)	3.77185 (86042211)	3.69758 (86042211)	3.86065 (86061711)
-700.0	3.38697 (86022014)	3.32805 (86030210)	3.97980 (86030114)	3.36085 (86030712)	3.52681 (86061711)
-800.0	3.55367 (86022515)	3.37974 (86022014)	3.30659 (86022014)	3.85192 (86030114)	3.54067 (86030114)
-900.0	3.46982 (86112111)	3.63085 (86022515)	3.25092 (86022014)	3.27552 (86022014)	3.48778 (86030114)
-1000.0	3.46083 (86050911)	3.39453 (86112111)	3.63188 (86022515)	3.05855 (86022014)	3.32064 (86022514)
-1100.0	3.82045 (86030113)	3.33051 (86050911)	3.24311 (86112111)	3.58108 (86022515)	2.90424 (86022015)
-1200.0	3.78032 (86030113)	3.43260 (86030111)	3.12846 (86050911)	3.05358 (86112111)	3.49641 (86022515)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2
 INCLUDING SOURCE(S): 11

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

Y-COORD (METERS)	** CONC OF CO IN MICROGRAMS/CUBIC-METER **				
	-1200.00	-1100.00	-1000.00	-900.00	-800.00
1200.0	11.05541 (86072703)	12.32330 (86082605)	9.79574 (86020503)	13.15251 (86030523)	13.99314 (86100704)
1100.0	12.31907 (86091203)	12.15663 (86072703)	13.47209 (86082605)	13.10578 (86020503)	14.61786 (86020923)
1000.0	11.47096 (86112704)	13.31436 (86091203)	13.76291 (86072703)	14.78323 (86031205)	16.18360 (86020503)
900.0	13.35806 (86112804)	13.49240 (86051901)	14.94261 (86051921)	15.74451 (86072703)	17.42213 (86031205)
800.0	12.32143 (86053024)	14.84778 (86042020)	16.21936 (86051901)	17.41486 (86051921)	18.23394 (86072703)
700.0	11.04163 (86051920)	15.76363 (86053024)	16.92994 (86050104)	17.40728 (86051901)	19.90374 (86051921)
600.0	15.25864 (86040406)	16.63080 (86043002)	16.86200 (86040402)	17.61433 (86050104)	21.31409 (86112804)
500.0	15.82682 (86100902)	16.49119 (86060224)	18.96847 (86040406)	20.59453 (86043002)	22.62727 (86040402)
400.0	12.43132 (86062623)	18.04152 (86080304)	19.90681 (86040403)	21.90324 (86060224)	24.46600 (86040406)
300.0	16.95201 (86040604)	18.46359 (86020302)	19.10826 (86060122)	17.67985 (86062623)	24.09791 (86080304)
200.0	16.92631 (86070222)	18.91684 (86053003)	21.02077 (86040605)	22.99450 (86050102)	26.81151 (86040604)
100.0	22.20394 (86081406)	24.89669 (86081406)	27.85370 (86081406)	30.88606 (86081406)	33.51318 (86081406)
0.0	17.41668 (86040621)	19.24414 (86040621)	21.41280 (86040621)	24.01982 (86040621)	27.20174 (86040621)
-100.0	17.44062 (86081302)	18.81183 (86040504)	21.48193 (86040504)	24.01013 (86052423)	25.86092 (86052423)
-200.0	17.18333 (86053022)	18.85118 (86052922)	21.01420 (86052521)	23.60381 (86063023)	24.95513 (86052904)
-300.0	16.34675 (86052904)	18.44373 (86100903)	19.19323 (86053021)	19.41854 (86053021)	25.25884 (86040506)
-400.0	14.53846 (86053021)	17.54754 (86040506)	19.29037 (86040323)	20.52235 (86033123)	23.78249 (86033120)
-500.0	14.47286 (86033123)	14.88342 (86033123)	18.80371 (86033120)	18.93605 (86033121)	19.72185 (86033101)
-600.0	15.27283 (86033120)	16.46090 (86033121)	11.40189 (86013122)	19.01366 (86033101)	17.77212 (86033024)
-700.0	9.51711 (86071322)	14.27618 (86033101)	16.93432 (86033022)	18.29231 (86033024)	19.97499 (86062502)
-800.0	13.84104 (86033101)	14.04392 (86033022)	15.80420 (86033024)	16.85334 (86062502)	19.98257 (86041906)
-900.0	9.75294 (86033022)	12.51811 (86033024)	14.65655 (86041906)	18.02885 (86041906)	11.88744 (86121523)
-1000.0	9.51238 (86033024)	13.78071 (86041906)	16.43200 (86041906)	10.65207 (86041906)	8.45653 (86103104)
-1100.0	12.97419 (86041906)	15.10286 (86041906)	10.56567 (86041906)	8.36986 (86121523)	9.50821 (86101105)
-1200.0	13.97941 (86041906)	10.36086 (86041906)	9.34713 (86121523)	7.77854 (86090220)	9.43996 (86101105)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2 ***
 INCLUDING SOURCE(S): 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-700.00	-600.00	-500.00	-400.00	-300.00
1200.0	10.05554 (86120103)	15.25066 (86072723)	10.88510 (86081305)	12.21111 (86121007)	10.97338 (86042622)
1100.0	15.77280 (86061203)	16.57002 (86120103)	13.56975 (86072505)	13.07518 (86042023)	11.62904 (86061204)
1000.0	16.83462 (86081601)	11.83459 (86061203)	18.76440 (86072723)	13.69152 (86081305)	13.76968 (86061101)
900.0	17.12261 (86020503)	19.68851 (86100704)	20.69942 (86120103)	13.37831 (86021420)	14.28202 (86081303)
800.0	19.58028 (86031205)	21.58297 (86030523)	20.75121 (86061203)	23.65540 (86072723)	15.01410 (86042023)
700.0	21.42866 (86072703)	19.85990 (86031205)	24.98222 (86020923)	25.72611 (86120103)	15.70129 (86071324)
600.0	23.55592 (86112704)	25.63204 (86072703)	25.54000 (86020503)	29.92707 (86100704)	32.72825 (86072505)
500.0	25.55035 (86042020)	27.36900 (86112704)	31.32145 (86072703)	33.70170 (86020503)	29.01810 (86120103)
400.0	23.17395 (86043002)	28.82715 (86050104)	33.90757 (86051901)	39.24350 (86072703)	43.55584 (86020923)
300.0	28.36829 (86100902)	33.29231 (86040406)	37.49669 (86040402)	41.07881 (86112804)	50.32243 (86072703)
200.0	30.53012 (86060122)	28.25267 (86062623)	41.38428 (86040403)	49.46028 (86040406)	60.45537 (86050104)
100.0	34.68677 (86081406)	36.31376 (86070222)	43.57037 (86040605)	53.61963 (86040604)	59.19898 (86062623)
0.0	31.15634 (86040621)	36.18028 (86040621)	42.71678 (86040621)	51.63517 (86040621)	64.55516 (86020219)
-100.0	26.07009 (86053022)	36.26864 (86053022)	42.83483 (86052521)	51.29916 (86100903)	66.25685 (86040506)
-200.0	28.21045 (86100903)	26.99121 (86053021)	37.62162 (86033123)	46.76759 (86033121)	59.35402 (86033022)
-300.0	28.93839 (86033123)	30.90641 (86033120)	28.27559 (86033101)	43.70114 (86033024)	43.14194 (86041906)
-400.0	18.23259 (86033121)	27.51531 (86033101)	29.33131 (86033024)	35.35405 (86041906)	17.99111 (86011222)
-500.0	24.23004 (86033022)	24.99334 (86062502)	29.70307 (86041906)	16.35940 (86103104)	17.14755 (86070703)
-600.0	23.10585 (86062502)	25.55939 (86041906)	13.04588 (86042421)	13.63500 (86031722)	15.27057 (86101024)
-700.0	22.42531 (86041906)	14.38772 (86121523)	15.07842 (86101105)	15.34186 (86030721)	15.32193 (86062904)
-800.0	13.81187 (86121523)	11.68601 (86090220)	13.60061 (86031722)	14.86220 (86101024)	13.43530 (86041822)
-900.0	10.41617 (86103104)	10.71484 (86101105)	14.11051 (86030721)	14.33055 (86041507)	13.32250 (86092104)
-1000.0	12.65847 (86101105)	11.55398 (86103105)	12.87765 (86101024)	10.92737 (86090823)	7.65264 (86041420)
-1100.0	9.93530 (86031722)	12.33646 (86030721)	12.42007 (86041507)	11.40557 (86092104)	6.01524 (86071223)
-1200.0	11.19098 (86121819)	11.01027 (86101024)	11.94183 (86090823)	11.90187 (86092104)	9.29727 (86071223)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2 ***
 INCLUDING SOURCE(S): 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-200.00	-100.00	0.00	100.00	200.00
1200.0	12.39656 (86020620)	13.59739 (86072604)	12.88458 (86021421)	11.85761 (86070203)	10.65411 (86020705)
1100.0	13.22951 (86020620)	13.75109 (86072604)	13.61595 (86021421)	12.00179 (86021724)	12.60867 (86061023)
1000.0	13.99131 (86061603)	13.12802 (86072604)	14.28848 (86021421)	11.93400 (86082423)	13.60370 (86061023)
900.0	13.31361 (86021906)	14.07824 (86042102)	14.98433 (86021421)	14.62929 (86082423)	14.74493 (86071104)
800.0	14.95006 (86042622)	15.47899 (86030520)	15.20334 (86021421)	14.65065 (86082423)	14.85599 (86102622)
700.0	15.41061 (86061204)	15.76960 (86022122)	15.92166 (86050824)	15.35160 (86031103)	15.61849 (86021423)
600.0	16.86169 (86012919)	16.58475 (86021722)	16.88898 (86022123)	16.59283 (86020705)	16.29036 (86010123)
500.0	17.71938 (86071121)	18.65248 (86042521)	18.50536 (86022123)	20.06898 (86082908)	18.08240 (86022620)
400.0	47.37376 (86072505)	23.14023 (86102115)	22.66783 (86061508)	21.30848 (86082908)	20.96468 (86080207)
300.0	57.26259 (86061203)	37.38653 (86102115)	33.74924 (86052106)	30.43536 (86122708)	20.78945 (86021813)
200.0	70.47762 (86082605)	43.00384 (86072505)	56.28074 (86052106)	47.53114 (86101508)	68.10899 (86030220)
100.0	93.38829 (86040405)	128.27860 (86031205)	98.02052 (86081818)	112.04100 (86092804)	80.77541 (86012019)
0.0	101.51600 (86020219)	210.67770 (86022220)	44.63707 (86041608)	91.99625 (86010409)	50.15928 (86021121)
-100.0	78.18165 (86033121)	74.51742 (86102004)	93.63377 (86102512)	114.08760 (86122506)	78.00698 (86111704)
-200.0	52.09063 (86041906)	45.93792 (86092508)	51.62976 (86062219)	80.88423 (86110405)	67.09630 (86092805)
-300.0	30.66569 (86102720)	37.14067 (86070108)	38.21813 (86051306)	30.13698 (86110220)	55.61083 (86021524)
-400.0	19.34104 (86060505)	21.55436 (86070108)	27.51756 (86051306)	27.71387 (86042506)	45.18062 (86012223)
-500.0	18.49771 (86092508)	18.60966 (86041820)	20.01501 (86051306)	18.44628 (86042506)	30.57714 (86021224)
-600.0	15.20781 (86041420)	14.56029 (86062005)	16.71401 (86092706)	16.76246 (86021322)	16.22568 (86110222)
-700.0	11.73600 (86070108)	14.92119 (86082205)	15.74674 (86092706)	15.61464 (86021220)	15.62000 (86121006)
-800.0	14.21923 (86071223)	14.55443 (86112802)	14.72116 (86062824)	15.21800 (86021221)	15.14656 (86100806)
-900.0	12.81715 (86071223)	14.96313 (86112802)	13.90988 (86062824)	14.76523 (86021221)	14.37590 (86061001)
-1000.0	12.77467 (86092705)	13.79138 (86112802)	12.80969 (86062824)	13.01073 (86012319)	11.00875 (86120106)
-1100.0	13.22904 (86101103)	12.18576 (86112802)	11.85550 (86062824)	13.41134 (86012319)	13.20538 (86120106)
-1200.0	12.23019 (86062005)	11.74715 (86012224)	10.94060 (86062824)	12.58681 (86012319)	12.52367 (86021220)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2 ***
 INCLUDING SOURCE(S): 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	300.00	400.00	500.00	600.00	700.00
1200.0	12.48624 (86102622)	12.11576 (86020901)	10.12369 (86022620)	11.54955 (86012920)	10.10438 (86062922)
1100.0	13.60597 (86072606)	12.97701 (86070204)	13.07823 (86020506)	10.46028 (86010124)	11.89441 (86010104)
1000.0	12.72788 (86020524)	12.37573 (86021503)	13.10266 (86042624)	12.95525 (86062922)	12.63315 (86022803)
900.0	14.45184 (86021504)	14.30483 (86020702)	12.72506 (86010124)	12.68602 (86070124)	13.17509 (86022802)
800.0	15.35855 (86021503)	15.04341 (86042624)	14.59033 (86010104)	14.22560 (86022723)	12.30896 (86020622)
700.0	15.60642 (86030324)	14.96039 (86061103)	15.12249 (86040823)	13.65104 (86120203)	21.19468 (86010402)
600.0	16.40570 (86010102)	15.78929 (86050904)	15.43738 (86120203)	24.92727 (86010402)	22.32903 (86121805)
500.0	17.05793 (86022306)	16.47643 (86022805)	29.58368 (86010402)	26.58347 (86092804)	23.76608 (86022223)
400.0	18.74972 (86021902)	37.36779 (86020401)	33.06892 (86010105)	28.52684 (86040824)	25.97578 (86080505)
300.0	48.39626 (86020401)	41.72830 (86022223)	34.74584 (86080505)	37.71340 (86012903)	33.63333 (86072605)
200.0	54.88009 (86040822)	51.84644 (86012903)	38.03049 (86040101)	37.70781 (86061802)	29.77178 (86111707)
100.0	60.38045 (86012923)	49.42577 (86011422)	40.05698 (86102605)	32.53465 (86051204)	28.99833 (86051204)
0.0	31.31976 (86021121)	21.14449 (86021121)	18.41554 (86012703)	16.65026 (86030605)	15.91204 (86030605)
-100.0	61.25210 (86040803)	49.12907 (86040201)	39.65902 (86070105)	33.96233 (86030724)	29.71796 (86012824)
-200.0	46.12888 (86082901)	45.52699 (86070804)	44.16099 (86012904)	32.89743 (86040803)	29.04365 (86030404)
-300.0	49.02695 (86111706)	41.51542 (86051206)	40.47539 (86010101)	31.13070 (86070804)	27.55384 (86063002)
-400.0	41.14625 (86112806)	38.26603 (86111706)	32.78573 (86063005)	26.76182 (86040704)	25.84174 (86030307)
-500.0	35.77265 (86012123)	32.84436 (86012301)	30.42435 (86111706)	26.90285 (86121723)	24.45587 (86012506)
-600.0	31.60448 (86022320)	27.33501 (86012121)	26.67568 (86112803)	24.96017 (86111706)	22.69495 (86041506)
-700.0	26.84740 (86021224)	26.11770 (86040102)	29.97871 (86012907)	22.38105 (86112803)	20.87983 (86111706)
-800.0	15.25094 (86021223)	22.94934 (86022320)	22.17783 (86121804)	26.00678 (86012907)	19.43551 (86012819)
-900.0	14.06398 (86110506)	21.29144 (86021224)	20.15046 (86110405)	18.68207 (86012121)	17.64386 (86012907)
-1000.0	13.76229 (86021603)	13.42944 (86112807)	18.18270 (86013004)	17.32291 (86012123)	17.23746 (86012907)
-1100.0	13.42661 (86012906)	11.79273 (86063003)	16.83625 (86021224)	15.99296 (86012223)	15.41836 (86121804)
-1200.0	12.41956 (86100806)	12.17494 (86110506)	11.81841 (86112807)	14.87075 (86013004)	14.28421 (86040102)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-1200.00	-1100.00	X-COORD (METERS) -1000.00	-900.00	-800.00
1200.0	11.76365 (86072703)	13.03080 (86082605)	10.29836 (86020503)	13.76372 (86030523)	14.57843 (86100704)
1100.0	13.02793 (86091203)	12.78181 (86072703)	14.09688 (86082605)	13.62523 (86020503)	15.13252 (86020923)
1000.0	12.07821 (86112704)	13.92255 (86091203)	14.31040 (86072703)	15.29633 (86031205)	16.68277 (86020503)
900.0	13.99196 (86112804)	14.05810 (86051901)	15.47971 (86051921)	16.22008 (86072703)	17.88300 (86031205)
800.0	12.85864 (86053024)	15.39223 (86042020)	16.72371 (86051901)	17.87869 (86051921)	18.64361 (86072703)
700.0	11.58585 (86051920)	16.27657 (86053024)	17.39922 (86050104)	17.81412 (86051901)	20.29060 (86051921)
600.0	15.79622 (86040406)	17.11952 (86043002)	17.28725 (86040402)	17.98775 (86050104)	21.67849 (86112804)
500.0	16.33822 (86100902)	16.92487 (86060224)	19.38816 (86040406)	20.96550 (86043002)	22.96025 (86040402)
400.0	12.91198 (86062623)	18.47839 (86080304)	20.30412 (86040403)	22.25342 (86060224)	24.78108 (86040406)
300.0	17.42235 (86040604)	18.87542 (86020302)	19.44886 (86060122)	17.99294 (86062623)	24.36939 (86080304)
200.0	17.35978 (86070222)	19.31295 (86053003)	21.37365 (86040605)	23.29368 (86050102)	27.08790 (86040604)
100.0	22.20394 (86081406)	24.89669 (86081406)	27.85370 (86081406)	30.88606 (86081406)	33.51318 (86081406)
0.0	17.86678 (86040621)	19.64446 (86040621)	21.76707 (86040621)	24.32724 (86040621)	27.46739 (86040621)
-100.0	17.88048 (86081302)	19.16790 (86040504)	21.82758 (86040504)	24.29338 (86052423)	26.13060 (86052423)
-200.0	17.60912 (86053022)	19.22034 (86052922)	21.34301 (86052521)	23.90349 (86063023)	25.23086 (86052904)
-300.0	16.81599 (86052904)	18.81932 (86100903)	19.48473 (86053021)	19.75312 (86053021)	25.53345 (86040506)
-400.0	15.02668 (86053021)	17.91384 (86040506)	19.67301 (86040323)	20.86918 (86033123)	24.07473 (86033120)
-500.0	14.85018 (86033123)	15.34471 (86033123)	19.19445 (86033120)	19.30654 (86033121)	19.93081 (86033101)
-600.0	15.77528 (86033120)	16.92087 (86033121)	11.75384 (86013122)	19.39648 (86033101)	17.98487 (86033024)
-700.0	10.01266 (86071322)	14.63873 (86033101)	17.32769 (86033022)	18.64340 (86033024)	20.32109 (86062502)
-800.0	14.41232 (86033101)	14.58483 (86033022)	16.28577 (86033024)	17.29251 (86062502)	19.98257 (86041906)
-900.0	10.35600 (86033022)	13.10048 (86033024)	14.66653 (86062502)	18.02885 (86041906)	12.21128 (86121523)
-1000.0	10.15836 (86033024)	13.78071 (86041906)	16.43200 (86041906)	10.65207 (86041906)	8.78766 (86103104)
-1100.0	12.97419 (86041906)	15.10286 (86041906)	10.56567 (86041906)	8.93658 (86121523)	9.82815 (86101105)
-1200.0	13.97941 (86041906)	10.36086 (86041906)	10.01637 (86121523)	8.34074 (86090220)	10.03112 (86101105)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

*** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	-700.00	-600.00	-500.00	-400.00	-300.00
1200.0	10.41323 (86120103)	15.78451 (86072723)	11.29888 (86081305)	12.70945 (86121007)	11.40966 (86042622)
1100.0	16.28980 (86061203)	17.05604 (86120103)	14.01663 (86072505)	13.49816 (86042023)	11.99888 (86061204)
1000.0	17.28319 (86081601)	12.21988 (86061203)	19.18383 (86072723)	14.08200 (86081305)	14.14876 (86061101)
900.0	17.55149 (86020503)	20.08815 (86100704)	21.06074 (86120103)	13.70372 (86021420)	14.58440 (86081303)
800.0	19.97697 (86031205)	21.94409 (86030523)	21.09128 (86061203)	23.97327 (86072723)	15.27908 (86042023)
700.0	21.77835 (86072703)	20.17703 (86031205)	25.28562 (86020923)	25.97031 (86120103)	15.92327 (86071324)
600.0	23.88561 (86112704)	25.92229 (86072703)	25.77748 (86020503)	30.17548 (86100704)	32.93998 (86072505)
500.0	25.85195 (86042020)	27.62978 (86112704)	31.56074 (86072703)	33.91962 (86020503)	29.16274 (86120103)
400.0	23.42294 (86043002)	29.06568 (86050104)	34.12281 (86051901)	39.43299 (86072703)	43.71671 (86020923)
300.0	28.61739 (86100902)	33.51810 (86040406)	37.69041 (86040402)	41.24577 (86112804)	50.47316 (86072703)
200.0	30.77090 (86060122)	28.43085 (86062623)	41.56025 (86040403)	49.61301 (86040406)	60.59051 (86050104)
100.0	34.68677 (86081406)	36.49935 (86070222)	43.72992 (86040605)	53.75841 (86040604)	59.29167 (86062623)
0.0	31.38507 (86040621)	36.37125 (86040621)	42.87687 (86040621)	51.77041 (86040621)	64.65224 (86020219)
-100.0	26.23198 (86053022)	36.45151 (86053022)	42.98678 (86052521)	51.40845 (86100903)	66.34901 (86040506)
-200.0	28.44764 (86100903)	27.19812 (86053021)	37.74215 (86033123)	46.87249 (86033121)	59.45560 (86033022)
-300.0	29.16605 (86033123)	31.11553 (86033120)	28.37488 (86033101)	43.82202 (86033024)	43.14194 (86041906)
-400.0	18.50662 (86033121)	27.74764 (86033101)	29.53428 (86033024)	35.35405 (86041906)	17.99291 (86011222)
-500.0	24.50957 (86033022)	25.15848 (86062502)	29.70307 (86041906)	16.48059 (86103104)	17.24940 (86070703)
-600.0	23.35750 (86062502)	25.55939 (86041906)	13.18663 (86042421)	13.74861 (86031722)	15.45447 (86101024)
-700.0	22.42531 (86041906)	14.69136 (86121523)	15.30892 (86101105)	15.54944 (86030721)	15.51985 (86062904)
-800.0	14.13361 (86121523)	11.97428 (86090220)	13.87083 (86031722)	15.10575 (86101024)	13.63150 (86041822)
-900.0	10.77100 (86103104)	11.11411 (86101105)	14.43781 (86030721)	14.64947 (86041507)	13.65135 (86092104)
-1000.0	13.06247 (86101105)	11.92449 (86103105)	13.19034 (86101024)	11.32523 (86090823)	8.00037 (86041420)
-1100.0	10.31033 (86031722)	12.79471 (86030721)	12.78056 (86041507)	11.69245 (86092104)	6.14797 (86071223)
-1200.0	11.64114 (86121819)	11.40001 (86101024)	12.42282 (86090823)	12.37908 (86092104)	9.58695 (86071223)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-200.00	-100.00	0.00	100.00	200.00
1200.0	12.86583 (86020620)	14.07587 (86072604)	13.31095 (86021421)	12.32434 (86070203)	11.01126 (86020705)
1100.0	13.59966 (86020620)	14.16047 (86072604)	13.99888 (86021421)	12.37888 (86021724)	12.92471 (86061023)
1000.0	14.32510 (86061603)	13.46427 (86072604)	14.63111 (86021421)	12.16553 (86082423)	13.96301 (86061023)
900.0	13.62109 (86021906)	14.34144 (86042102)	15.28573 (86021421)	14.88698 (86082423)	15.01724 (86071104)
800.0	15.19861 (86042622)	15.74345 (86030520)	15.46744 (86021421)	14.91695 (86082423)	15.12250 (86102622)
700.0	15.59059 (86061204)	15.97111 (86022122)	16.08473 (86050824)	15.50091 (86031103)	15.77646 (86021423)
600.0	17.03294 (86012919)	16.72570 (86021722)	17.00950 (86022123)	16.74375 (86020705)	16.42496 (86010123)
500.0	17.85637 (86071121)	18.75130 (86042521)	18.60502 (86022123)	20.07582 (86082908)	18.19306 (86022620)
400.0	47.52628 (86072505)	23.14043 (86102115)	22.66801 (86061508)	21.30894 (86082908)	20.96468 (86080207)
300.0	57.39757 (86061203)	37.38653 (86102115)	33.74924 (86052106)	30.43536 (86122708)	20.78948 (86021813)
200.0	70.59337 (86082605)	43.11799 (86072505)	56.28074 (86052106)	47.53114 (86101508)	68.19994 (86030220)
100.0	93.49861 (86040405)	128.37950 (86031205)	98.02052 (86081818)	112.11400 (86092804)	80.85598 (86012019)
0.0	101.60620 (86020219)	210.68850 (86022220)	44.63707 (86041608)	91.99625 (86010409)	50.15928 (86021121)
-100.0	78.27214 (86033121)	74.51742 (86102004)	93.63377 (86102512)	114.18690 (86122506)	78.11608 (86111704)
-200.0	52.09063 (86041906)	45.93792 (86092508)	51.62976 (86062219)	80.98981 (86110405)	67.21487 (86092805)
-300.0	30.66570 (86102720)	37.14067 (86070108)	38.21813 (86051306)	30.13698 (86110220)	55.73836 (86021524)
-400.0	19.39976 (86060505)	21.55436 (86070108)	27.51756 (86051306)	27.71387 (86042506)	45.31742 (86012223)
-500.0	18.49771 (86092508)	18.69758 (86041820)	20.01501 (86051306)	18.54739 (86012407)	30.70379 (86021224)
-600.0	15.32876 (86041420)	14.73893 (86062005)	16.84855 (86092706)	16.90274 (86122602)	16.36882 (86110222)
-700.0	11.73600 (86070108)	15.14083 (86082205)	15.90547 (86092706)	15.81465 (86021220)	15.82727 (86121006)
-800.0	14.39668 (86071223)	14.75246 (86112802)	14.92953 (86062824)	15.48602 (86021221)	15.41839 (86100806)
-900.0	13.10814 (86071223)	15.23750 (86112802)	14.14170 (86062824)	15.02885 (86021221)	14.65779 (86061001)
-1000.0	13.06722 (86092705)	14.14030 (86112802)	13.06763 (86062824)	13.37653 (86012319)	11.37688 (86120106)
-1100.0	13.57877 (86101103)	12.59640 (86112802)	12.13843 (86062824)	13.80337 (86012319)	13.60981 (86120106)
-1200.0	12.65677 (86101103)	12.08514 (86012224)	11.25002 (86062824)	12.98876 (86012319)	12.98639 (86021220)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	300.00	400.00	500.00	600.00	700.00
1200.0	12.92004 (86102622)	12.59535 (86020901)	10.52666 (86022620)	12.07783 (86012920)	10.48661 (86062922)
1100.0	14.04999 (86072606)	13.37366 (86070204)	13.46320 (86020506)	10.83550 (86010124)	12.39126 (86010104)
1000.0	13.11371 (86020524)	12.77934 (86021503)	13.43524 (86042624)	13.34035 (86062922)	13.04439 (86022803)
900.0	14.72384 (86021504)	14.62461 (86020702)	13.04578 (86010124)	13.08113 (86070124)	13.53915 (86022802)
800.0	15.60755 (86021503)	15.30133 (86042624)	14.89203 (86010104)	14.53684 (86022723)	12.64482 (86020622)
700.0	15.78161 (86030324)	15.17137 (86061103)	15.36202 (86040823)	13.96804 (86120203)	21.50723 (86010402)
600.0	16.57080 (86010102)	15.96996 (86050904)	15.66589 (86120203)	25.18599 (86010402)	22.63489 (86121805)
500.0	17.17743 (86022306)	16.62971 (86022805)	29.79692 (86010402)	26.82437 (86092804)	24.04593 (86022223)
400.0	18.83318 (86021902)	37.50702 (86020401)	33.23372 (86010105)	28.70756 (86040824)	26.22446 (86080505)
300.0	48.51415 (86020401)	41.85724 (86022223)	34.88408 (86080505)	37.93775 (86012903)	33.89511 (86072605)
200.0	54.97570 (86040822)	52.02426 (86012903)	38.19040 (86040101)	37.95870 (86061802)	29.98252 (86111707)
100.0	60.47440 (86012923)	49.55208 (86011422)	40.19629 (86102605)	32.69138 (86051204)	29.22815 (86051204)
0.0	31.31976 (86021121)	21.14462 (86021121)	18.51175 (86012703)	16.81091 (86030605)	16.11199 (86030605)
-100.0	61.37353 (86040803)	49.26765 (86040201)	39.82486 (86070105)	34.14614 (86030724)	29.95404 (86012824)
-200.0	46.23036 (86082901)	45.67817 (86070804)	44.39706 (86012904)	33.10526 (86040803)	29.28341 (86030404)
-300.0	49.22490 (86111706)	41.68230 (86051206)	40.72404 (86010101)	31.35334 (86070804)	27.80820 (86063002)
-400.0	41.31240 (86112806)	38.49276 (86111706)	32.99763 (86063005)	26.99476 (86040704)	26.11922 (86030307)
-500.0	35.96360 (86012123)	33.04983 (86012301)	30.68582 (86111706)	27.16710 (86121723)	24.75501 (86012506)
-600.0	31.81509 (86022320)	27.58068 (86012121)	26.93121 (86112803)	25.25301 (86111706)	23.01974 (86041506)
-700.0	27.07136 (86021224)	26.37841 (86040102)	30.30497 (86012907)	22.70637 (86112803)	21.20761 (86111706)
-800.0	15.51828 (86021223)	23.23126 (86022320)	22.50111 (86121804)	26.42052 (86012907)	19.82323 (86012819)
-900.0	14.39874 (86110506)	21.63062 (86021224)	20.51087 (86110405)	19.08430 (86012121)	18.06802 (86012907)
-1000.0	14.10521 (86021603)	13.79226 (86112807)	18.60407 (86013004)	17.73988 (86012123)	17.62027 (86012907)
-1100.0	13.84991 (86012906)	12.23574 (86063003)	17.29854 (86021224)	16.48072 (86012223)	15.92932 (86121804)
-1200.0	12.86314 (86100806)	12.65887 (86110506)	12.32867 (86112807)	15.41002 (86013004)	14.82990 (86040102)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	800.00	900.00	1000.00	1100.00	1200.00
1200.0	11.33111 (86070124)	11.00779 (86022723)	10.62819 (86071603)	9.42435 (86082401)	11.88486 (86010402)
1100.0	12.05177 (86040823)	11.71479 (86071603)	9.64883 (86082401)	12.88995 (86010402)	12.79547 (86030220)
1000.0	12.30375 (86022802)	9.79479 (86020622)	14.40367 (86010402)	13.61349 (86030220)	12.96140 (86092804)
900.0	11.18606 (86020622)	16.26911 (86010402)	15.25655 (86012921)	14.23322 (86092804)	12.75217 (86010105)
800.0	18.59082 (86010402)	17.36869 (86012921)	14.34747 (86010105)	14.86527 (86022223)	14.20928 (86111201)
700.0	19.67863 (86121805)	18.42788 (86010105)	15.94515 (86022223)	15.84988 (86040824)	13.86268 (86080505)
600.0	18.66925 (86022223)	19.43099 (86111201)	16.70128 (86040822)	16.57143 (86081604)	18.07396 (86012903)
500.0	22.44406 (86040822)	20.24163 (86081604)	22.37749 (86012903)	19.36283 (86012903)	21.17642 (86072605)
400.0	28.60771 (86012903)	22.46345 (86072605)	23.20325 (86072605)	17.71995 (86061802)	21.75406 (86061802)
300.0	24.70414 (86100506)	28.27195 (86061802)	20.17851 (86012923)	22.23131 (86111707)	21.78642 (86111707)
200.0	30.56713 (86111707)	20.14281 (86011422)	18.83397 (86102605)	18.68506 (86102605)	15.28677 (86102605)
100.0	25.86840 (86040902)	26.66887 (86111702)	26.65106 (86111702)	24.71460 (86111702)	21.95096 (86111702)
0.0	15.38717 (86070201)	14.99572 (86070201)	14.26997 (86070201)	13.63944 (86070201)	12.99230 (86070201)
-100.0	26.12499 (86030524)	22.71052 (86030524)	20.90348 (86040923)	17.89593 (86040923)	14.68431 (86040923)
-200.0	25.74241 (86040201)	22.32557 (86070123)	20.26645 (86070105)	18.41508 (86030724)	16.60777 (86030724)
-300.0	30.35636 (86012904)	21.96126 (86040803)	19.74669 (86080403)	18.15989 (86081504)	16.79235 (86040201)
-400.0	23.38856 (86070804)	21.40454 (86012908)	24.35695 (86012904)	20.06415 (86012904)	16.11269 (86040803)
-500.0	27.70534 (86010101)	20.41929 (86030307)	18.40869 (86070804)	17.15731 (86012908)	15.86167 (86012904)
-600.0	20.65031 (86051206)	18.30616 (86040704)	23.71835 (86010101)	16.26767 (86010403)	15.06355 (86070804)
-700.0	19.56604 (86122506)	17.89627 (86013003)	16.81079 (86012506)	17.79332 (86010101)	17.76916 (86010101)
-800.0	18.11312 (86111706)	17.25166 (86122506)	16.00035 (86063005)	15.00418 (86051206)	13.58625 (86040704)
-900.0	17.34312 (86012819)	15.86433 (86122207)	15.53647 (86111706)	14.46485 (86121723)	13.33072 (86013003)
-1000.0	16.16632 (86012505)	14.97881 (86012819)	14.22460 (86122207)	15.68299 (86111706)	12.88863 (86121723)
-1100.0	20.05753 (86012907)	14.40236 (86012301)	12.91903 (86012819)	13.13775 (86122207)	15.35210 (86111706)
-1200.0	14.18571 (86012121)	18.30096 (86012907)	13.24945 (86012301)	11.40954 (86012819)	12.01441 (86122207)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-1200.00	-1100.00	X-COORD (METERS) -1000.00	-900.00	-800.00
1200.0	1.15643 (86042016)	1.27636 (86122324)	1.50622 (86081316)	1.81348 (86122316)	1.98882 (86122316)
1100.0	1.19953 (86122316)	1.22256 (86042016)	1.30268 (86122324)	1.61362 (86081316)	2.01773 (86122316)
1000.0	1.39490 (86122316)	1.29764 (86122316)	1.27808 (86042016)	1.31256 (86122324)	1.69722 (86081316)
900.0	1.50271 (86080316)	1.46429 (86081216)	1.39932 (86122316)	1.31288 (86042016)	1.29848 (86122324)
800.0	1.84342 (86080316)	1.70262 (86080316)	1.55368 (86081216)	1.49849 (86122316)	1.31220 (86042016)
700.0	1.98795 (86050616)	1.95576 (86080316)	1.89802 (86080316)	1.63833 (86081216)	1.58300 (86122316)
600.0	2.02197 (86050616)	2.13426 (86050616)	2.02645 (86050616)	2.04353 (86080316)	1.78122 (86080316)
500.0	1.60126 (86050616)	1.89017 (86050616)	2.11845 (86050616)	2.15858 (86050616)	2.03914 (86080316)
400.0	1.59636 (86080816)	1.49905 (86080816)	1.57568 (86050616)	1.85779 (86050616)	2.01790 (86050616)
300.0	1.76184 (86080816)	1.83474 (86080816)	1.83711 (86080816)	1.72543 (86080816)	1.46694 (86080816)
200.0	1.54128 (86080816)	1.64627 (86080816)	1.74311 (86080816)	1.80805 (86080816)	1.79937 (86080816)
100.0	1.61086 (86083016)	1.63819 (86083016)	1.63239 (86083016)	1.57751 (86083016)	1.45718 (86083016)
0.0	1.94606 (86122224)	1.91218 (86122224)	1.84905 (86122224)	1.71520 (86051516)	1.65122 (86051516)
-100.0	2.51900 (86122224)	2.39515 (86122224)	2.20706 (86122224)	1.88015 (86122224)	1.78540 (86051516)
-200.0	2.06134 (86010908)	1.94662 (86010908)	1.76744 (86010908)	1.46886 (86010908)	1.47391 (86052916)
-300.0	1.49012 (86032616)	1.34739 (86052916)	1.48843 (86060316)	1.62441 (86060316)	1.66492 (86060316)
-400.0	1.51654 (86060316)	1.66539 (86060316)	1.75371 (86060316)	1.83930c(86062116)	1.72876 (86091716)
-500.0	1.67711c(86062116)	1.74757c(86062116)	1.73679 (86091716)	1.78070 (86091716)	1.49930 (86091716)
-600.0	1.63800 (86091716)	1.70544 (86091716)	1.54291 (86091716)	1.57943 (86042416)	1.90622 (86042416)
-700.0	1.61168 (86121408)	1.50359 (86062616)	1.78448 (86042416)	2.06431 (86042416)	2.08546 (86042416)
-800.0	1.54105 (86042416)	1.87772 (86042416)	2.10572 (86042416)	2.10852 (86042416)	1.81200 (86042416)
-900.0	1.88910 (86042416)	2.06879 (86042416)	2.05752 (86042416)	1.80584 (86042416)	1.71268 (86082316)
-1000.0	1.98463 (86042416)	1.96345 (86042416)	1.75138 (86042416)	1.65267 (86082316)	1.51243 (86082316)
-1100.0	1.84778 (86042416)	1.66943 (86042416)	1.56576 (86082316)	1.51221 (86082316)	1.24697 (86111408)
-1200.0	1.57406 (86042416)	1.55516 (86101924)	1.47125 (86082316)	1.18735 (86082316)	1.38893 (86111408)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	-700.00	-600.00	-500.00	-400.00	-300.00
1200.0	1.34995 (86122324)	1.05774 (86031916)	0.82052 (86080216)	1.05831 (86080216)	1.12763 (86112916)
1100.0	1.85705 (86122316)	1.29034 (86031916)	0.85096 (86031916)	1.04104 (86080216)	1.11876 (86112916)
1000.0	2.16064 (86122316)	1.50541 (86122316)	1.14527 (86031916)	0.95220 (86080216)	1.17163 (86080216)
900.0	1.77791 (86122316)	2.14135 (86122316)	1.37281 (86031916)	0.85369 (86031916)	1.17176 (86080216)
800.0	1.25155 (86122324)	2.00590 (86122316)	1.81576 (86122316)	1.15204 (86031916)	1.05938 (86080216)
700.0	1.25637 (86042016)	1.23110 (86081316)	2.09262 (86122316)	1.29230 (86031916)	0.81835 (86080216)
600.0	1.62867 (86122316)	1.12374 (86042016)	1.33479 (86122316)	2.05807 (86122316)	0.95243 (86031916)
500.0	1.88056 (86080316)	1.73813 (86122316)	1.09708 (86122316)	1.51135 (86122316)	1.65330 (86122316)
400.0	1.87403 (86050616)	1.80559 (86080316)	1.73027 (86122316)	1.24311 (86122316)	2.13131 (86122316)
300.0	1.53386 (86050616)	1.54449 (86081216)	1.32006 (86081216)	1.85876 (86122316)	1.55948 (86122316)
200.0	1.65454 (86080816)	1.26012 (86080816)	0.82045 (86081216)	0.68424 (86081216)	1.46058 (86122316)
100.0	1.39367 (86052516)	1.16783 (86052516)	0.69213 (86080816)	0.29085 (86082116)	0.06177 (86081216)
0.0	1.52080 (86051516)	1.20870 (86051516)	0.80215 (86122224)	0.75683 (86122224)	0.87794 (86122224)
-100.0	1.64085 (86051516)	1.33395 (86010824)	1.29688 (86010824)	1.36467 (86010916)	1.44356 (86010916)
-200.0	1.43489 (86052916)	1.20083 (86052916)	0.87926 (86070716)	0.56094 (86091716)	1.51552 (86111416)
-300.0	1.66448c(86062116)	1.44575 (86091716)	1.14284 (86091716)	1.20030 (86111416)	0.78659 (86101924)
-400.0	1.67944 (86091716)	1.25015 (86051116)	1.28601 (86051116)	1.02352 (86042916)	0.91842 (86111408)
-500.0	1.59670 (86042416)	1.66308 (86042416)	1.51310 (86042916)	1.43728 (86042916)	0.98928 (86111408)
-600.0	1.94904 (86042416)	1.64603 (86042916)	1.74960 (86042916)	1.33493 (86042916)	0.94887 (86041416)
-700.0	1.74148 (86042416)	1.78500 (86042916)	1.57094 (86042916)	1.06251 (86111408)	1.25369 (86041416)
-800.0	1.72244 (86082316)	1.60987 (86042916)	1.30927 (86111408)	1.28213 (86041416)	1.34480 (86041416)
-900.0	1.53591 (86042916)	1.39973 (86111408)	1.18617 (86042316)	1.47108 (86041416)	1.33701 (86041416)
-1000.0	1.35230 (86111408)	1.30602 (86111408)	1.36884 (86041416)	1.49741 (86041416)	1.27212 (86041416)
-1100.0	1.40334 (86111408)	1.17620 (86042316)	1.48641 (86041416)	1.44152 (86041416)	1.16435 (86041416)
-1200.0	1.20050 (86111408)	1.33479 (86041416)	1.47967 (86041416)	1.35534 (86041416)	1.03573 (86041416)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-200.00	-100.00	X-COORD (METERS) 0.00	100.00	200.00
1200.0	1.06499 (86060716)	1.09198 (86060716)	1.45996 (86021016)	1.38548 (86021016)	1.02135 (86021016)
1100.0	1.04213 (86060716)	1.11589 (86060716)	1.41361 (86021016)	1.33542 (86021016)	1.03874 (86072916)
1000.0	1.00394 (86060716)	1.13107 (86060716)	1.33473 (86021016)	1.25253 (86021016)	1.13711 (86072916)
900.0	0.98464 (86080216)	1.12309 (86060716)	1.21600 (86021016)	1.13117 (86021016)	1.19664 (86072916)
800.0	1.09321 (86080216)	1.09215 (86060716)	1.05739 (86021016)	0.96934 (86021016)	1.18107 (86072916)
700.0	1.13153 (86080216)	1.02744 (86060716)	0.86158 (86021016)	0.77065 (86021016)	1.04979 (86072916)
600.0	0.99477 (86080216)	0.85767 (86060716)	0.53617 (86021016)	0.62553 (86072916)	0.74955 (86072916)
500.0	0.63148 (86080216)	0.60882 (86060716)	0.31324 (86060716)	0.43533 (86072916)	0.37735 (86082816)
400.0	0.62927 (86122316)	0.37409 (86080216)	0.14364 (86060716)	0.17808 (86072916)	0.16712 (86052116)
300.0	3.08977 (86122316)	0.16998 (86052116)	0.04775c(86020608)	0.05291 (86021508)	0.04779 (86052116)
200.0	2.28669 (86122316)	1.20956 (86122316)	0.04825c(86020608)	0.04889 (86021508)	0.36086 (86090724)
100.0	0.28260 (86122316)	4.77681 (86122316)	0.02998 (86072608)	0.62135 (86090724)	0.28375c(86063024)
0.0	1.11951 (86122224)	1.73567 (86122224)	0.00000 (0)	0.03604 (86030116)	0.03159c(86081508)
-100.0	0.71840 (86111416)	2.09060 (86111416)	1.46066 (86032216)	1.05505 (86030116)	1.69548 (86030116)
-200.0	1.07166 (86101924)	1.49445 (86111408)	1.27094 (86032216)	1.15102 (86032216)	0.27668 (86030116)
-300.0	1.29845 (86111408)	1.02576 (86101908)	0.95302 (86032216)	0.92133 (86032216)	0.96916 (86030116)
-400.0	0.70996 (86111408)	0.59231 (86101908)	0.72368 (86032216)	0.75221 (86032216)	0.81319 (86032216)
-500.0	0.57948 (86041416)	0.28355 (86041416)	0.60399 (86032316)	0.81382 (86032216)	0.81467 (86032216)
-600.0	0.84795 (86041416)	0.38560 (86041416)	0.96309 (86032316)	0.77670 (86032216)	0.65296 (86050916)
-700.0	0.98373 (86041416)	0.64396 (86021316)	1.25942 (86032316)	0.77614 (86032316)	0.75444 (86050916)
-800.0	0.95851 (86041416)	0.85001 (86021316)	1.41017 (86032316)	1.04397 (86032316)	0.73137 (86050916)
-900.0	0.87782 (86041416)	1.00573 (86021316)	1.49595 (86032316)	1.26540 (86032316)	0.83874 (86042316)
-1000.0	0.82318 (86012116)	1.11412 (86021316)	1.54550 (86032316)	1.44020 (86032316)	0.89186 (86042316)
-1100.0	0.85435 (86012116)	1.17270 (86021316)	1.54646 (86032316)	1.53955 (86032316)	0.90873 (86032324)
-1200.0	0.91926 (86021316)	1.19615 (86021316)	1.52805 (86032316)	1.59829 (86032316)	0.94210 (86032324)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	300.00	400.00	500.00	600.00	700.00
1200.0	1.20715 (86072916)	1.00838 (86072916)	1.03689 (86022716)	1.18198 (86022716)	1.05029 (86022716)
1100.0	1.23419 (86072916)	0.93146 (86072116)	1.13093 (86022716)	1.12632 (86022716)	1.00459 (86022716)
1000.0	1.19442 (86072916)	0.95107 (86072116)	1.13992 (86022716)	1.03918 (86022716)	1.01644 (86022716)
900.0	1.06420 (86072916)	0.99390 (86022716)	1.05279 (86022716)	0.99106 (86022716)	1.05283 (86022716)
800.0	0.88331 (86072116)	0.96678 (86022716)	0.93690 (86022716)	0.99168 (86022716)	1.09760 (86073116)
700.0	0.77099 (86072116)	0.83471 (86022716)	0.87529 (86022716)	0.96974 (86073116)	1.36270 (86073116)
600.0	0.71611 (86052116)	0.73317 (86052116)	0.79120 (86022716)	1.21276 (86073116)	1.26133 (86073116)
500.0	0.57127 (86052116)	0.59385 (86052116)	0.96873 (86073116)	1.02350 (86073116)	0.75653 (86073116)
400.0	0.32419 (86052116)	0.51502 (86073116)	0.71566c(86063024)	0.68119 (86040816)	0.81281 (86040816)
300.0	0.25872 (86090724)	0.92139c(86063024)	0.48499 (86040816)	0.69647 (86041616)	1.06688 (86041616)
200.0	0.95529c(86063024)	0.18708 (86040816)	0.53545 (86041616)	0.95958 (86041616)	1.24290 (86041616)
100.0	0.04360 (86122508)	0.16247 (86041616)	0.45749 (86090416)	0.76005 (86090416)	0.96729 (86090416)
0.0	0.04081 (86030624)	0.08136 (86090416)	0.24943 (86090416)	0.45181 (86090416)	0.62362 (86090416)
-100.0	1.11268 (86030116)	0.83264 (86030116)	0.49948 (86030116)	0.39148 (86030716)	0.51245 (86030716)
-200.0	1.01844 (86030116)	0.91296 (86030116)	0.76719 (86042216)	0.77318 (86042216)	0.85905 (86030716)
-300.0	0.13953 (86030116)	0.68135 (86030116)	1.06461 (86042216)	1.70458 (86042216)	1.78796 (86042216)
-400.0	0.67340 (86030116)	0.39494 (86090316)	0.81809 (86041716)	1.22038 (86041716)	1.88558 (86042216)
-500.0	0.71859 (86032216)	0.67097 (86090316)	0.74758 (86041716)	1.24011 (86041716)	1.55192 (86041716)
-600.0	0.88444 (86032216)	0.94488 (86032216)	0.74356 (86032216)	0.96586 (86041716)	1.44337 (86041716)
-700.0	0.90129 (86050916)	1.00004 (86032216)	1.04205 (86032216)	0.84591 (86012016)	1.09055 (86041716)
-800.0	0.97011 (86050916)	0.98508 (86050916)	1.10677 (86032216)	1.08435 (86032216)	0.97243 (86012016)
-900.0	0.95153 (86050916)	1.03412 (86050916)	1.05023 (86032216)	1.15867 (86032216)	1.05907 (86032216)
-1000.0	0.87546 (86050916)	1.01644 (86050916)	1.02949 (86050916)	1.10200 (86032216)	1.15086 (86032216)
-1100.0	0.87430 (86122616)	0.95341 (86050916)	1.00332 (86050916)	1.00778 (86032216)	1.12196 (86032216)
-1200.0	1.03070 (86122616)	0.86360 (86050916)	0.94527 (86050916)	0.96832 (86050916)	1.03573 (86032216)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	800.00	900.00	1000.00	1100.00	1200.00
1200.0	0.96819 (86022716)	1.00189 (86022716)	1.03059 (86041316)	1.11995 (86073116)	1.27282 (86073116)
1100.0	1.01853 (86022716)	1.05687 (86022716)	1.15745 (86073116)	1.34017 (86073116)	1.37619 (86073116)
1000.0	1.07021 (86022716)	1.17505 (86073116)	1.39611 (86073116)	1.43036 (86073116)	1.29614 (86073116)
900.0	1.16038 (86073116)	1.42993 (86073116)	1.46323 (86073116)	1.29156 (86073116)	1.01181 (86021116)
800.0	1.42592 (86073116)	1.46038 (86073116)	1.24863 (86073116)	0.95938 (86021116)	0.76056 (86021116)
700.0	1.40248 (86073116)	1.15315 (86073116)	0.85534 (86021116)	0.73925 (86040816)	0.75547 (86040816)
600.0	0.99233 (86073116)	0.77471 (86040816)	0.81389 (86040816)	0.85293 (86041616)	1.00578 (86041616)
500.0	0.82215 (86040816)	0.86219 (86040816)	1.02814 (86041616)	1.17919 (86041616)	1.25832 (86041616)
400.0	0.95649 (86041616)	1.20657 (86041616)	1.34769 (86041616)	1.41455 (86041616)	1.43081 (86041616)
300.0	1.31637 (86041616)	1.46107 (86041616)	1.51405 (86041616)	1.49286 (86041616)	1.41785 (86041616)
200.0	1.33681 (86041616)	1.32296 (86041616)	1.32092 (86021916)	1.34263 (86021916)	1.32340 (86021916)
100.0	1.04098 (86090416)	1.07361 (86021916)	1.08350 (86021916)	1.05926 (86021916)	1.01348 (86021916)
0.0	0.70405 (86090416)	0.74992 (86090416)	0.76973 (86090416)	0.78989 (86011916)	0.84676 (86011916)
-100.0	0.54679 (86090416)	0.61616 (86090416)	0.65855 (86090416)	0.67826 (86090416)	0.68056 (86090416)
-200.0	0.96537 (86030716)	0.99756 (86030716)	0.98040 (86030716)	0.93641 (86030716)	0.88096 (86030716)
-300.0	1.52487 (86042216)	1.17540 (86042216)	1.13066 (86030716)	1.15047 (86030716)	1.12707 (86030716)
-400.0	2.20714 (86042216)	2.14269 (86042216)	1.85133 (86042216)	1.48792 (86042216)	1.14424 (86042216)
-500.0	1.66419 (86041716)	2.11304 (86042216)	2.25964 (86042216)	2.14947 (86042216)	1.88809 (86042216)
-600.0	1.73903 (86041716)	1.82455 (86041716)	1.80608 (86042216)	2.06237 (86042216)	2.11066 (86042216)
-700.0	1.52788 (86041716)	1.79812 (86041716)	1.87429 (86041716)	1.80524 (86041716)	1.75464 (86042216)
-800.0	1.14029 (86041716)	1.52484 (86041716)	1.76751 (86041716)	1.84355 (86041716)	1.78409 (86041716)
-900.0	1.05181 (86012016)	1.13588 (86041716)	1.46739 (86041716)	1.68329 (86041716)	1.76180 (86041716)
-1000.0	1.01895 (86032216)	1.09479 (86012016)	1.16515 (86012016)	1.38084 (86041716)	1.57192 (86041716)
-1100.0	1.11917 (86032216)	0.97385 (86032216)	1.11050 (86012016)	1.17626 (86012016)	1.28187 (86041716)
-1200.0	1.11453 (86032216)	1.07522 (86032216)	0.97268 (86012816)	1.10667 (86012016)	1.16905 (86012016)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2 ***
 INCLUDING SOURCE(S): 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	-1200.00	-1100.00	-1000.00	-900.00	-800.00
1200.0	1.58912 (86120924)	2.22576c(86071508)	2.42943c(86020508)	2.21694c(86020508)	2.09559 (86100708)
1100.0	2.09222 (86051924)	1.77389 (86120924)	2.39594c(86071508)	2.88515c(86020508)	2.43588c(86080508)
1000.0	2.01677 (86031224)	2.35304 (86051924)	1.96613c(86072708)	2.62485c(86071508)	3.37815c(86020508)
900.0	2.22535c(86010324)	2.35504 (86031224)	2.68507 (86051924)	2.24922c(86072708)	2.81985c(86071508)
800.0	3.07598 (86051808)	2.51790 (86120924)	2.75371 (86031224)	3.04993 (86051924)	2.60485c(86072708)
700.0	4.44186 (86052608)	3.62131 (86051808)	2.95520 (86051808)	3.16510 (86031224)	3.40889 (86051924)
600.0	5.83606 (86052608)	7.82345 (86052608)	3.80928 (86052608)	4.30352 (86051808)	3.68450 (86120924)
500.0	3.52671 (86100908)	4.16549 (86100908)	7.42171 (86052608)	9.20096 (86052608)	5.14254 (86051808)
400.0	2.48712 (86020308)	2.92118 (86040408)	3.80616 (86040408)	5.44702 (86100908)	9.85804 (86052608)
300.0	3.96091 (86053108)	4.92937 (86020308)	4.85933 (86020308)	3.52123 (86020308)	4.68349 (86040408)
200.0	2.87639 (86040608)	3.72988 (86040608)	4.72421 (86040608)	5.56480 (86040608)	6.53587 (86020308)
100.0	2.77549 (86081408)	3.11209 (86081408)	3.48171 (86081408)	3.96940 (86070808)	5.35929 (86070808)
0.0	4.06605 (86040624)	4.53741 (86040624)	5.10573 (86040624)	5.80414 (86040624)	6.64352 (86040624)
-100.0	2.71754 (86040508)	3.29536 (86040508)	3.84782 (86040508)	4.20924 (86040508)	4.14161 (86040508)
-200.0	2.98188 (86053024)	3.13036 (86053024)	3.09445 (86052924)	3.63138 (86052908)	3.65044 (86052908)
-300.0	2.36504 (86052908)	2.31115 (86100908)	3.17668 (86053024)	3.35075 (86040324)	4.81282 (86040324)
-400.0	2.33832 (86053024)	3.02669 (86040324)	3.88095 (86033124)	6.92557 (86033124)	6.71239 (86033124)
-500.0	3.99552 (86033124)	5.41223 (86033124)	5.20725 (86033124)	3.42464 (86033124)	3.25609 (86060408)
-600.0	4.17495 (86033124)	3.27730 (86033124)	2.20324 (86052424)	2.80634 (86060408)	4.26917 (86033024)
-700.0	1.80578 (86052424)	2.21413 (86060408)	2.74164 (86033024)	3.51529 (86033024)	2.73144 (86092108)
-800.0	1.97446 (86060408)	2.74260 (86033024)	2.82877 (86033024)	2.41129 (86051108)	2.80990 (86041908)
-900.0	2.51405 (86033024)	2.27157 (86033024)	2.17944 (86051108)	2.51476 (86041908)	1.64550 (86121524)
-1000.0	1.86041 (86033024)	1.97097 (86051108)	2.27646 (86041908)	1.48706 (86041908)	1.93867 (86090224)
-1100.0	1.81174 (86051108)	2.08013 (86041908)	1.46155 (86041908)	1.44369 (86031724)	2.21949 (86090224)
-1200.0	1.91564 (86041908)	1.42294 (86041908)	1.32654 (86121524)	2.19846 (86090224)	1.17999 (86101108)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2
 INCLUDING SOURCE(S): 11

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-700.00	-600.00	-500.00	-400.00	-300.00
1200.0	1.67524c(86061908)	2.06870 (86031124)	3.11181 (86031024)	3.25808 (86020524)	2.46801 (86031508)
1100.0	1.97164 (86061208)	2.75941c(86061908)	2.55259 (86031024)	2.85595 (86020524)	2.72124 (86031508)
1000.0	2.69283c(86080508)	1.76769 (86051908)	2.52255 (86072724)	3.51983 (86031024)	2.57258 (86031508)
900.0	3.71295c(86020508)	2.95567 (86100708)	3.44662c(86061908)	3.75087 (86031024)	3.98998 (86020524)
800.0	3.15945c(86031208)	3.67620c(86020508)	2.59409 (86061208)	3.33825c(86072508)	3.65942c(86031208)
700.0	3.06124c(86072708)	4.27077c(86020508)	4.16245c(86080508)	4.28350c(86061908)	5.32428 (86031024)
600.0	3.90814 (86031224)	3.66172c(86072708)	6.05961c(86020508)	4.52651 (86100708)	4.67546c(86072508)
500.0	4.36878 (86120924)	5.05643 (86031224)	4.47449c(86072708)	7.89487c(86020508)	4.83937c(86061908)
400.0	9.94824 (86052608)	6.57007 (86051808)	6.62785 (86031224)	5.60621c(86072708)	7.46550 (86020924)
300.0	7.20455 (86100908)	13.95346 (86052608)	7.95108 (86051808)	8.19880 (86120924)	7.73574 (86020424)
200.0	8.04527 (86020308)	5.55740 (86020308)	8.75561 (86100908)	22.13376 (86052608)	12.04569 (86051808)
100.0	6.63343 (86070808)	6.88212 (86040608)	10.94880 (86040608)	13.83769 (86020308)	11.37375 (86020308)
0.0	7.73841 (86040624)	9.21031 (86040624)	11.20250 (86040624)	14.13382 (86040624)	18.63768 (86040624)
-100.0	4.96887 (86053024)	6.74034 (86053024)	6.89428 (86052908)	7.12186 (86040324)	14.21020 (86040324)
-200.0	4.54529 (86053024)	5.76529 (86040324)	10.69968 (86033124)	12.69243 (86033124)	12.64542 (86033024)
-300.0	8.96369 (86033124)	9.01541 (86033124)	5.29382 (86060408)	9.38436 (86033024)	6.67100 (86041908)
-400.0	3.77431 (86052424)	4.34185 (86060408)	5.90281 (86033024)	5.27149 (86041908)	4.86677 (86090224)
-500.0	4.83150 (86033024)	3.91044 (86033024)	4.32597 (86041908)	4.79901 (86090224)	3.27468 (86060524)
-600.0	3.02051 (86092108)	3.67742 (86041908)	2.72638 (86031724)	2.47368 (86011224)	2.37115 (86060508)
-700.0	3.18447 (86041908)	2.31041 (86031724)	2.65655 (86090224)	2.43653 (86060524)	3.30182 (86041508)
-800.0	1.94711 (86121524)	3.38705 (86090224)	2.08691c(86061008)	1.85777 (86101024)	3.43454 (86041824)
-900.0	2.80968 (86090224)	1.33936 (86101108)	2.01582c(86030724)	2.77486 (86041508)	2.26481 (86092108)
-1000.0	1.66921 (86090224)	1.92474c(86061008)	1.60971 (86101024)	2.35851 (86041824)	1.35934 (86092108)
-1100.0	1.25963 (86031724)	1.76236c(86030724)	2.08157 (86041508)	2.50994 (86041824)	0.98322 (86021224)
-1200.0	1.56467c(86061008)	1.37628 (86101024)	2.26977 (86041508)	1.88364 (86092108)	1.16216 (86071224)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2
 INCLUDING SOURCE(S): 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-200.00	-100.00	0.00	100.00	200.00
1200.0	2.32274 (86072908)	3.31107c(86020608)	2.44357 (86100608)	2.41473 (86121208)	2.55670 (86060708)
1100.0	2.36617c(86061608)	3.61509c(86020608)	2.63316 (86100608)	2.31392 (86030324)	2.61877 (86040724)
1000.0	2.93700 (86010424)	3.89847c(86020608)	2.83525 (86100608)	3.13321 (86060708)	3.06672 (86040724)
900.0	3.32413 (86010424)	4.10087c(86020608)	3.03416 (86100608)	4.37310 (86060708)	2.63860 (86040724)
800.0	3.86789 (86031508)	4.14284c(86020608)	3.35594 (86073008)	5.43513 (86060708)	2.86866 (86072024)
700.0	4.46500 (86031508)	4.55922 (86072908)	3.79868 (86073008)	5.22781 (86060708)	2.96824 (86040808)
600.0	4.45387 (86020524)	4.92841 (86072908)	4.29480 (86073008)	4.07421 (86040724)	5.92647 (86010124)
500.0	5.10362 (86031024)	4.72775 (86080208)	5.10974 (86121208)	4.53320 (86081824)	5.90267 (86022624)
400.0	6.76768c(86072508)	6.63748 (86031508)	6.15724 (86121208)	5.16016 (86081824)	5.35490c(86112008)
300.0	7.48497 (86042024)	8.41840 (86031508)	7.16648 (86121124)	6.73898 (86010124)	6.01963 (86022708)
200.0	12.56129 (86020424)	12.01575 (86031924)	10.77993 (86052108)	7.83289 (86021816)	12.85037 (86022808)
100.0	46.52630 (86052608)	26.64640c(86020508)	26.77957 (86072008)	18.42545 (86090608)	20.47758 (86040908)
0.0	26.76650 (86020224)	50.49139 (86020224)	5.57963 (86041608)	24.69141 (86022016)	11.80209 (86052208)
-100.0	17.38345 (86052424)	23.58730 (86011216)	28.05903 (86032324)	23.76846 (86121724)	14.92767c(86063008)
-200.0	9.42269 (86011216)	8.98758 (86101808)	14.19313 (86121616)	20.87449 (86102808)	14.15688 (86092808)
-300.0	7.43039 (86011224)	5.47900 (86011816)	8.02180 (86051308)	8.79307 (86110324)	10.75796c(86082824)
-400.0	3.71653 (86060508)	3.45356 (86120416)	5.94080 (86051308)	5.62420 (86032408)	9.43713 (86012108)
-500.0	4.72436 (86041824)	3.25167 (86032908)	4.43457 (86051308)	4.66078 (86122608)	7.58366 (86110324)
-600.0	2.47124 (86092108)	2.77338 (86032908)	3.40361 (86051308)	5.39018 (86122608)	4.16056 (86112124)
-700.0	1.79678 (86021224)	2.95694 (86102808)	2.68630 (86051308)	3.98518 (86122608)	4.39621 (86021608)
-800.0	1.77740 (86071224)	3.63458 (86102808)	2.17253 (86051308)	3.77229 (86021224)	4.27272 (86021608)
-900.0	1.60214 (86071224)	3.73728 (86102808)	1.87119 (86082308)	3.52018 (86021224)	2.64323 (86012208)
-1000.0	1.59683 (86092708)	3.44499 (86102808)	1.71270 (86082308)	3.10218 (86021224)	3.18028 (86122608)
-1100.0	1.65363 (86101108)	3.04422 (86102808)	1.56284 (86082308)	2.73450 (86021224)	3.17734 (86122608)
-1200.0	1.74717c(86062008)	2.61175 (86102808)	1.42845 (86082308)	2.40046 (86021224)	2.69782 (86122608)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	-700.00	-600.00	-500.00	-400.00	-300.00
1200.0	1.80259 (86031124)	2.44420 (86031124)	3.47261 (86031024)	3.46279 (86020524)	2.87429 (86031508)
1100.0	2.21289 (86102524)	3.00078 (86031124)	2.83536 (86031024)	2.99548 (86020524)	3.08490 (86031508)
1000.0	2.84119 (86020924)	1.92150 (86051908)	2.81778 (86031124)	3.78042 (86031024)	2.86193 (86031508)
900.0	3.80957c(86020508)	3.10474 (86100708)	3.52923 (86031124)	3.97394 (86031024)	4.13111 (86020524)
800.0	3.21695c(86031208)	3.75603c(86020508)	2.66878 (86102524)	3.37817c(86072508)	3.73197c(86031208)
700.0	3.23799 (86120924)	4.34561c(86020508)	4.25940 (86020924)	4.32462c(86061908)	5.47437 (86031024)
600.0	4.25968 (86031224)	3.73128 (86120924)	6.12623c(86020508)	4.60138 (86100708)	4.70571c(86072508)
500.0	4.57211 (86120924)	5.32256 (86031224)	4.50868c(86072708)	7.95179c(86020508)	4.90274 (86031124)
400.0	10.11858 (86052608)	6.68568 (86051808)	6.79353 (86031224)	5.63329c(86072708)	7.51019 (86020924)
300.0	7.31622 (86100908)	14.10058 (86052608)	8.02219 (86051808)	8.26720 (86120924)	7.76590 (86020424)
200.0	8.12534 (86020308)	5.60281 (86020308)	8.83322 (86100908)	22.23049 (86052608)	12.09242 (86051808)
100.0	6.74328 (86070808)	6.95826 (86040608)	11.01462 (86040608)	13.89027 (86020308)	11.40976 (86020308)
0.0	7.85899 (86040624)	9.28860 (86040624)	11.25715 (86040624)	14.17735 (86040624)	18.67511 (86040624)
-100.0	5.07871 (86053024)	6.82003 (86053024)	6.94618 (86052908)	7.16505 (86040324)	14.24781 (86040324)
-200.0	4.65863 (86053024)	5.93719 (86040324)	10.74657 (86033124)	12.76219 (86033124)	12.67864 (86033024)
-300.0	9.11396 (86033124)	9.17654 (86033124)	5.38112 (86060408)	9.43063 (86033024)	6.67382 (86041908)
-400.0	3.94482 (86052424)	4.53750 (86060408)	5.95917 (86033024)	5.30841 (86041908)	4.94553 (86090224)
-500.0	4.91162 (86033024)	3.97276 (86033024)	4.45540 (86041908)	4.94111 (86090224)	3.32409 (86060524)
-600.0	3.07242 (86092108)	3.87044 (86041908)	2.83271 (86090224)	2.50771 (86011224)	2.41215 (86060508)
-700.0	3.44276 (86041908)	2.43368 (86031724)	3.00919 (86090224)	2.60848 (86060524)	3.35087 (86041508)
-800.0	2.09222 (86082316)	3.79324 (86090224)	2.11996c(86061008)	1.88822 (86101024)	3.50224 (86041824)
-900.0	3.22242 (86090224)	1.76950 (86111408)	2.08403 (86060524)	2.83043 (86041508)	2.36163 (86092108)
-1000.0	2.19413 (86090224)	1.98646c(86061008)	1.78200 (86041416)	2.43844 (86041824)	1.62366 (86041416)
-1100.0	1.66400 (86111408)	1.82794c(86030724)	2.14052 (86041508)	2.62518 (86041824)	1.43081 (86041416)
-1200.0	1.89782 (86060524)	1.65230 (86101908)	2.37871 (86041508)	2.03236 (86092108)	1.23256 (86041416)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	300.00	400.00	500.00	600.00	700.00
1200.0	2.38650 (86072024)	2.99714 (86021508)	3.05560 (86022624)	2.96260 (86042624)	2.95905c(86061108)
1100.0	2.26178 (86071108)	4.42672 (86021508)	3.13357 (86022624)	2.24424c(86112008)	2.22459c(86010108)
1000.0	2.28292 (86040808)	4.03273 (86021508)	3.32712 (86042624)	3.41724c(86061108)	2.82856 (86022808)
900.0	4.03881 (86021508)	3.83212 (86022624)	2.96503c(86061108)	2.24154 (86021024)	4.20871c(86071608)
800.0	5.34896 (86021508)	3.66749 (86042624)	2.86425c(86010108)	4.46986 (86022808)	3.36652c(86071008)
700.0	4.83866 (86022624)	4.18457c(86061108)	4.40115 (86022808)	3.32355c(86071608)	3.95835c(86071008)
600.0	4.09433c(86112008)	3.18216 (86042524)	4.49830c(86071608)	4.43689c(86071008)	3.46138 (86050308)
500.0	4.32383 (86072108)	5.57820c(86071608)	5.38894 (86022808)	4.01996 (86022708)	4.79843c(86030408)
400.0	5.82355c(86071608)	6.99696 (86022808)	5.97774c(86030408)	6.37337 (86040824)	5.76046 (86040908)
300.0	9.46925 (86022808)	8.39343c(86030408)	8.09348 (86042708)	7.94812 (86040908)	6.01225 (86022308)
200.0	13.54427 (86040824)	11.45019 (86040908)	7.66384 (86042908)	7.41706 (86022508)	7.33633 (86022508)
100.0	15.33323 (86022508)	8.30013 (86031708)	6.69957c(86102608)	4.95413 (86011924)	4.34477 (86011924)
0.0	8.81161 (86052208)	7.02377 (86052208)	6.69575 (86030608)	6.28030 (86030608)	5.98667 (86030608)
-100.0	13.60563c(86030308)	16.94419 (86040208)	10.36867 (86040208)	7.58688c(86040708)	5.55675c(86012308)
-200.0	13.68362c(86013024)	8.10482c(86063008)	8.37932 (86012908)	7.83100c(86030308)	8.07343 (86040208)
-300.0	10.61586 (86122208)	10.43159 (86062708)	11.56929c(86013024)	5.42819c(86063008)	6.23420 (86012908)
-400.0	8.51594c(86112808)	8.19782 (86122208)	7.73243c(86063008)	7.43098c(86040708)	6.24529c(86013024)
-500.0	7.98634 (86121608)	7.18345c(86112808)	6.49556 (86122208)	6.51679 (86121724)	5.51274c(86040708)
-600.0	5.73083 (86012108)	5.96192 (86021408)	5.42435c(86112808)	5.28520 (86122208)	5.37610 (86121724)
-700.0	5.67579 (86110324)	6.49743 (86012108)	4.52436c(86082824)	4.02532c(86112808)	4.40502 (86122208)
-800.0	4.17122 (86112124)	3.84347c(86013008)	4.94261 (86012124)	3.81721c(86082824)	3.16915 (86122208)
-900.0	2.67273 (86112124)	4.24283 (86110324)	5.22289 (86012108)	4.03976 (86021408)	3.68750c(86112808)
-1000.0	3.59049 (86021608)	4.00769 (86110324)	3.10068c(86013008)	4.02567 (86121608)	3.10129 (86021408)
-1100.0	3.90361 (86021608)	2.94269 (86041908)	3.30709 (86110324)	4.05257 (86012108)	3.47200 (86012124)
-1200.0	3.02071 (86021608)	2.27643c(86110508)	3.55747 (86110324)	2.56834c(86013008)	3.83504 (86012108)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** NETWORK ID: E3 ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

Y-COORD (METERS)	X-COORD (METERS)				
	800.00	900.00	1000.00	1100.00	1200.00
1200.0	1.74038 (86050908)	3.19509 (86022808)	3.37644c(86071608)	2.84215c(86071008)	2.56468c(86071008)
1100.0	3.16486 (86022808)	3.81461c(86071608)	3.00080c(86071008)	2.75047c(86071008)	2.28398 (86022808)
1000.0	4.13474c(86071608)	3.15875c(86071008)	2.97898c(86071008)	2.42812 (86022808)	2.07196 (86050308)
900.0	3.29434c(86071008)	3.25079c(86071008)	2.60854 (86022808)	2.12978 (86021108)	2.88269c(86030408)
800.0	3.57395c(86071008)	2.90272c(86090808)	2.70239 (86022708)	3.11263c(86030408)	2.61608 (86030424)
700.0	3.13458c(86090808)	3.41166c(86030408)	3.14355c(86030408)	3.78294 (86040824)	3.67755 (86042708)
600.0	4.30726c(86030408)	3.74604 (86030424)	4.49422 (86042708)	4.22530 (86040908)	4.04711 (86040908)
500.0	5.35433 (86040824)	4.94074 (86040908)	4.85449 (86040908)	3.77341 (86101108)	3.34573 (86022308)
400.0	6.05819 (86040908)	4.52125 (86101108)	4.04644 (86042908)	3.81053 (86042908)	3.30647 (86022508)
300.0	5.19458 (86042908)	4.66012 (86022508)	5.19765 (86022508)	4.32338 (86022508)	3.05123 (86031708)
200.0	4.59031 (86031708)	3.82702 (86031708)	3.37273 (86060608)	3.25353 (86060608)	2.83723 (86060608)
100.0	3.59786 (86011924)	3.33565 (86111708)	3.33201 (86111708)	3.08952 (86111708)	2.74394 (86111708)
0.0	5.61867 (86030608)	5.20611 (86030608)	4.84835 (86030608)	4.51582 (86030608)	4.21392 (86030608)
-100.0	5.54366c(86012308)	4.71468c(86012308)	3.67819c(86012308)	2.81610 (86040924)	2.65590c(86011424)
-200.0	8.75262 (86040208)	6.89823 (86040208)	4.79910 (86040208)	4.22813c(86040708)	3.44991c(86040708)
-300.0	5.04180c(86030308)	5.33715c(86030308)	4.54656 (86040208)	5.58457 (86040208)	5.62145 (86040208)
-400.0	3.99543c(86063008)	4.42773 (86012908)	4.29028 (86012908)	4.15125c(86030308)	3.98796c(86030308)
-500.0	7.12250c(86013024)	4.57757 (86101008)	3.11617c(86063008)	3.26425 (86012908)	3.53244 (86012908)
-600.0	5.15084 (86062708)	5.10179c(86040708)	5.89693c(86013024)	3.53325 (86101008)	2.53221c(86063008)
-700.0	4.01999 (86121724)	4.48105c(86063008)	4.16215c(86040708)	4.36456c(86013024)	4.32910c(86013024)
-800.0	3.74566 (86122208)	2.91981 (86121724)	3.41404c(86063008)	3.74165 (86062708)	3.82474c(86040708)
-900.0	2.85938 (86122208)	3.24101 (86122208)	2.58203c(86062208)	3.35455 (86121724)	3.31821c(86063008)
-1000.0	3.39213c(86112808)	2.59341 (86122208)	2.84741 (86122208)	2.35465c(86062208)	3.21471 (86121724)
-1100.0	2.76623c(86082824)	3.01233c(86112808)	2.40388 (86122208)	2.59111 (86122208)	2.15407 (86092808)
-1200.0	3.06337 (86021408)	2.54982c(86082824)	2.69053c(86112808)	2.22329 (86122208)	2.33772 (86122208)

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE MAXIMUM 50 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2
 INCLUDING SOURCE(S): 11

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
1.	210.67770	(86022220) AT (	-100.00, 0.00) GC	26.	92.02927	(86091402) AT (	100.00, -100.00) GC
2.	206.60640	(86053002) AT (	-100.00, 0.00) GC	27.	91.99625	(86010409) AT (	100.00, 0.00) GC
3.	178.87240	(86060322) AT (	-100.00, 0.00) GC	28.	91.98019	(86091705) AT (	100.00, -100.00) GC
4.	178.80850	(86081302) AT (	-100.00, 0.00) GC	29.	91.97241	(86030808) AT (	0.00, -100.00) GC
5.	171.56150	(86020219) AT (	-100.00, 0.00) GC	30.	91.93941	(86071703) AT (	100.00, -100.00) GC
6.	168.97040	(86061520) AT (	-100.00, 0.00) GC	31.	91.20966	(86121805) AT (	100.00, 100.00) GC
7.	128.56900	(86082018) AT (	-100.00, 0.00) GC	32.	91.13223	(86101519) AT (	0.00, 100.00) GC
8.	128.27860	(86031205) AT (	-100.00, 100.00) GC	33.	91.10179	(86020503) AT (	-100.00, 100.00) GC
9.	126.90800	(86040504) AT (	-100.00, 0.00) GC	34.	90.27213	(86031413) AT (	0.00, 100.00) GC
10.	115.21360	(86021410) AT (	-100.00, 0.00) GC	35.	90.17602	(86060819) AT (	0.00, 100.00) GC
11.	114.08760	(86122506) AT (	100.00, -100.00) GC	36.	90.07677	(86072519) AT (	0.00, 100.00) GC
12.	112.04100	(86092804) AT (	100.00, 100.00) GC	37.	89.87547	(86021818) AT (	0.00, 100.00) GC
13.	108.24220	(86081622) AT (	100.00, 100.00) GC	38.	89.84135	(86082906) AT (	100.00, 100.00) GC
14.	101.51600	(86020219) AT (	-200.00, 0.00) GC	39.	87.40355	(86040406) AT (	-200.00, 100.00) GC
15.	99.67287	(86041506) AT (	100.00, -100.00) GC	40.	87.40355	(86102604) AT (	-200.00, 100.00) GC
16.	99.28503	(86121722) AT (	100.00, -100.00) GC	41.	87.04954	(86072823) AT (	-100.00, 100.00) GC
17.	98.79657	(86070106) AT (	100.00, -100.00) GC	42.	86.72832	(86061820) AT (	100.00, -100.00) GC
18.	98.59368	(86010105) AT (	100.00, 100.00) GC	43.	86.62824	(86012817) AT (	0.00, -100.00) GC
19.	98.52002	(86071606) AT (	100.00, -100.00) GC	44.	85.60845	(86072006) AT (	0.00, 100.00) GC
20.	98.02052	(86081818) AT (	0.00, 100.00) GC	45.	84.29533	(86052603) AT (	-200.00, 100.00) GC
21.	97.51024	(86082605) AT (	-100.00, 100.00) GC	46.	84.22041	(86060301) AT (	-200.00, 100.00) GC
22.	93.90113	(86062307) AT (	100.00, 100.00) GC	47.	84.02780	(86022011) AT (	100.00, 0.00) GC
23.	93.63377	(86102512) AT (	0.00, -100.00) GC	48.	83.84990	(86012610) AT (	0.00, 100.00) GC
24.	93.38829	(86040405) AT (	-200.00, 100.00) GC	49.	83.81100	(86051403) AT (	0.00, 100.00) GC
25.	92.98257	(86053002) AT (	-200.00, 0.00) GC	50.	82.50979	(86082604) AT (	-100.00, 0.00) GC

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

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE MAXIMUM 50 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

*** CONC OF CO IN MICROGRAMS/CUBIC-METER **

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
1.	210.68850	(86022220) AT (	-100.00, 0.00) GC	26.	92.04198	(86091402) AT (	100.00, -100.00) GC
2.	206.60650	(86053002) AT (	-100.00, 0.00) GC	27.	91.99625	(86010409) AT (	100.00, 0.00) GC
3.	178.88190	(86060322) AT (	-100.00, 0.00) GC	28.	91.99274	(86091705) AT (	100.00, -100.00) GC
4.	178.81840	(86081302) AT (	-100.00, 0.00) GC	29.	91.97241	(86030808) AT (	0.00, -100.00) GC
5.	171.57460	(86020219) AT (	-100.00, 0.00) GC	30.	91.95184	(86071703) AT (	100.00, -100.00) GC
6.	168.97040	(86061520) AT (	-100.00, 0.00) GC	31.	91.28803	(86121805) AT (	100.00, 100.00) GC
7.	128.56900	(86082018) AT (	-100.00, 0.00) GC	32.	91.19408	(86020503) AT (	-100.00, 100.00) GC
8.	128.37950	(86031205) AT (	-100.00, 100.00) GC	33.	91.13223	(86101519) AT (	0.00, 100.00) GC
9.	126.91770	(86040504) AT (	-100.00, 0.00) GC	34.	90.27213	(86031413) AT (	0.00, 100.00) GC
10.	115.21360	(86021410) AT (	-100.00, 0.00) GC	35.	90.17602	(86060819) AT (	0.00, 100.00) GC
11.	114.18690	(86122506) AT (	100.00, -100.00) GC	36.	90.07677	(86072519) AT (	0.00, 100.00) GC
12.	112.11400	(86092804) AT (	100.00, 100.00) GC	37.	89.91994	(86082906) AT (	100.00, 100.00) GC
13.	108.25880	(86081622) AT (	100.00, 100.00) GC	38.	89.87547	(86021818) AT (	0.00, 100.00) GC
14.	101.60620	(86020219) AT (	-200.00, 0.00) GC	39.	87.51155	(86040406) AT (	-200.00, 100.00) GC
15.	99.77048	(86041506) AT (	100.00, -100.00) GC	40.	87.51155	(86102604) AT (	-200.00, 100.00) GC
16.	99.38268	(86121722) AT (	100.00, -100.00) GC	41.	87.08382	(86072823) AT (	-100.00, 100.00) GC
17.	98.89426	(86070106) AT (	100.00, -100.00) GC	42.	86.72832	(86061820) AT (	100.00, -100.00) GC
18.	98.65469	(86010105) AT (	100.00, 100.00) GC	43.	86.62824	(86012817) AT (	0.00, -100.00) GC
19.	98.61774	(86071606) AT (	100.00, -100.00) GC	44.	85.60845	(86072006) AT (	0.00, 100.00) GC
20.	98.02052	(86081818) AT (	0.00, 100.00) GC	45.	84.37608	(86052603) AT (	-200.00, 100.00) GC
21.	97.61227	(86082605) AT (	-100.00, 100.00) GC	46.	84.30118	(86060301) AT (	-200.00, 100.00) GC
22.	93.90113	(86062307) AT (	100.00, 100.00) GC	47.	84.02780	(86022011) AT (	100.00, 0.00) GC
23.	93.63377	(86102512) AT (	0.00, -100.00) GC	48.	83.84990	(86012610) AT (	0.00, 100.00) GC
24.	93.49861	(86040405) AT (	-200.00, 100.00) GC	49.	83.81100	(86051403) AT (	0.00, 100.00) GC
25.	93.04619	(86053002) AT (	-200.00, 0.00) GC	50.	82.50986	(86082604) AT (	-100.00, 0.00) GC

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

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE MAXIMUM 50 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 1 ***
 INCLUDING SOURCE(S): 1 , 2 ,

*** CONC OF CO IN MICROGRAMS/CUBIC-METER **

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
1.	4.77681	(86122316) AT (	-100.00, 100.00) GC	26.	2.06237	(86042216) AT (	1100.00, -600.00) GC
2.	3.08977	(86122316) AT (	-200.00, 300.00) GC	27.	2.06134	(86010908) AT (	-1200.00, -200.00) GC
3.	2.51900	(86122224) AT (	-1200.00, -100.00) GC	28.	2.05807	(86122316) AT (	-400.00, 600.00) GC
4.	2.39515	(86122224) AT (	-1100.00, -100.00) GC	29.	2.05752	(86042416) AT (	-1000.00, -900.00) GC
5.	2.28669	(86122316) AT (	-200.00, 200.00) GC	30.	2.04353	(86080316) AT (	-900.00, 600.00) GC
6.	2.25964	(86042216) AT (	1000.00, -500.00) GC	31.	2.03914	(86080316) AT (	-800.00, 500.00) GC
7.	2.20714	(86042216) AT (	800.00, -400.00) GC	32.	2.02645	(86050616) AT (	-1000.00, 600.00) GC
8.	2.20706	(86122224) AT (	-1000.00, -100.00) GC	33.	2.02197	(86050616) AT (	-1200.00, 600.00) GC
9.	2.16064	(86122316) AT (	-700.00, 1000.00) GC	34.	2.01790	(86050616) AT (	-800.00, 400.00) GC
10.	2.15858	(86050616) AT (	-900.00, 500.00) GC	35.	2.01773	(86122316) AT (	-800.00, 1100.00) GC
11.	2.14947	(86042216) AT (	1100.00, -500.00) GC	36.	2.00893	(86122324) AT (	-100.00, 100.00) GC
12.	2.14269	(86042216) AT (	900.00, -400.00) GC	37.	2.00590	(86122316) AT (	-600.00, 800.00) GC
13.	2.14135	(86122316) AT (	-600.00, 900.00) GC	38.	2.00487	(86122308) AT (	-100.00, 100.00) GC
14.	2.13426	(86050616) AT (	-1100.00, 600.00) GC	39.	1.98882	(86122316) AT (	-800.00, 1200.00) GC
15.	2.13131	(86122316) AT (	-300.00, 400.00) GC	40.	1.98795	(86050616) AT (	-1200.00, 700.00) GC
16.	2.11845	(86050616) AT (	-1000.00, 500.00) GC	41.	1.98463	(86042416) AT (	-1200.00, -1000.00) GC
17.	2.11304	(86042216) AT (	900.00, -500.00) GC	42.	1.96345	(86042416) AT (	-1100.00, -1000.00) GC
18.	2.11066	(86042216) AT (	1200.00, -600.00) GC	43.	1.95576	(86080316) AT (	-1100.00, 700.00) GC
19.	2.10852	(86042416) AT (	-900.00, -800.00) GC	44.	1.94925	(86080316) AT (	-1000.00, 600.00) GC
20.	2.10572	(86042416) AT (	-1000.00, -800.00) GC	45.	1.94904	(86042416) AT (	-700.00, -600.00) GC
21.	2.09262	(86122316) AT (	-500.00, 700.00) GC	46.	1.94662	(86010908) AT (	-1100.00, -200.00) GC
22.	2.09060	(86111416) AT (	-100.00, -100.00) GC	47.	1.94606	(86122224) AT (	-1200.00, 0.00) GC
23.	2.08546	(86042416) AT (	-800.00, -700.00) GC	48.	1.91218	(86122224) AT (	-1100.00, 0.00) GC
24.	2.06879	(86042416) AT (	-1100.00, -900.00) GC	49.	1.90622	(86042416) AT (	-800.00, -600.00) GC
25.	2.06431	(86042416) AT (	-900.00, -700.00) GC	50.	1.89802	(86080316) AT (	-1000.00, 700.00) GC

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

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE MAXIMUM 50 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 2
 INCLUDING SOURCE(S): 11 ,

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
1.	50.49139	(86020224) AT (	-100.00, 0.00) GC	26.	24.64039	(86122616) AT (	0.00, -100.00) GC
2.	48.48689	(86053008) AT (	-100.00, 0.00) GC	27.	24.02162	(86072024) AT (	0.00, 100.00) GC
3.	46.52630	(86052608) AT (	-200.00, 100.00) GC	28.	23.76846	(86121724) AT (	100.00, -100.00) GC
4.	39.69398	(86040624) AT (	-100.00, 0.00) GC	29.	23.74819	(86020424) AT (	-100.00, 100.00) GC
5.	34.58899	(86020108) AT (	-100.00, 0.00) GC	30.	23.58730	(86011216) AT (	-100.00, -100.00) GC
6.	34.48088	(86052908) AT (	-100.00, 0.00) GC	31.	23.50296	(86053008) AT (	-200.00, 0.00) GC
7.	31.86915	(86040508) AT (	-100.00, 0.00) GC	32.	23.49789	(86011724) AT (	-100.00, 0.00) GC
8.	31.44538	(86110424) AT (	-100.00, 0.00) GC	33.	23.49765	(86020216) AT (	-100.00, 0.00) GC
9.	31.09394	(86060324) AT (	-100.00, 0.00) GC	34.	23.25778	(86040608) AT (	-100.00, 0.00) GC
10.	28.05903	(86032324) AT (	0.00, -100.00) GC	35.	23.15606	(86072824) AT (	-100.00, 100.00) GC
11.	27.51356	(86040408) AT (	-200.00, 100.00) GC	36.	23.02581	(86123108) AT (	0.00, -100.00) GC
12.	26.77957	(86072008) AT (	0.00, 100.00) GC	37.	22.96642	(86052208) AT (	100.00, 0.00) GC
13.	26.76650	(86020224) AT (	-200.00, 0.00) GC	38.	22.46677	(86081308) AT (	-100.00, 0.00) GC
14.	26.64640c	(86020508) AT (	-100.00, 100.00) GC	39.	22.13376	(86052608) AT (	-400.00, 200.00) GC
15.	26.59958	(86022224) AT (	-100.00, 0.00) GC	40.	21.82023	(86030824) AT (	-100.00, 0.00) GC
16.	26.49565	(86010624) AT (	-100.00, 0.00) GC	41.	21.61107c	(86082608) AT (	-100.00, 0.00) GC
17.	26.04402	(86040624) AT (	-200.00, 0.00) GC	42.	21.59949	(86060208) AT (	-100.00, 100.00) GC
18.	25.99973c	(86031208) AT (	-100.00, 100.00) GC	43.	21.53228	(86040324) AT (	-100.00, 0.00) GC
19.	25.53121	(86021624) AT (	-100.00, 0.00) GC	44.	21.44411	(86101324) AT (	-100.00, 0.00) GC
20.	25.08267	(86060308) AT (	-200.00, 100.00) GC	45.	21.42578	(86031808) AT (	-100.00, 0.00) GC
21.	25.05542	(86081824) AT (	0.00, 100.00) GC	46.	21.32803	(86031416) AT (	0.00, 100.00) GC
22.	24.98612	(86020208) AT (	-100.00, 0.00) GC	47.	21.18200	(86011824) AT (	0.00, 100.00) GC
23.	24.84878	(86100308) AT (	-100.00, 0.00) GC	48.	21.12784	(86061524) AT (	-100.00, 0.00) GC
24.	24.83068	(86040524) AT (	-100.00, 0.00) GC	49.	21.02560	(86092808) AT (	100.00, -100.00) GC
25.	24.69141	(86022016) AT (	100.00, 0.00) GC	50.	20.89325	(86020124) AT (	-100.00, 0.00) GC

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

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE MAXIMUM 50 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 3 ***
 INCLUDING SOURCE(S): 1 , 2 , 11 ,

** CONC OF CO IN MICROGRAMS/CUBIC-METER **

RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	(YYMMDDHH) AT	RECEPTOR (XR,YR) OF TYPE
1.	50.49303	(86020224) AT (	-100.00, 0.00) GC	26.	24.64039	(86122616) AT (	0.00, -100.00) GC
2.	48.48865	(86053008) AT (	-100.00, 0.00) GC	27.	24.02162	(86072024) AT (	0.00, 100.00) GC
3.	46.58357	(86052608) AT (	-200.00, 100.00) GC	28.	23.79262	(86121724) AT (	100.00, -100.00) GC
4.	39.69579	(86040624) AT (	-100.00, 0.00) GC	29.	23.75793	(86020424) AT (	-100.00, 100.00) GC
5.	34.58901	(86020108) AT (	-100.00, 0.00) GC	30.	23.58730	(86011216) AT (	-100.00, -100.00) GC
6.	34.48139	(86052908) AT (	-100.00, 0.00) GC	31.	23.53369	(86053008) AT (	-200.00, 0.00) GC
7.	31.87049	(86040508) AT (	-100.00, 0.00) GC	32.	23.49789	(86011724) AT (	-100.00, 0.00) GC
8.	31.44538	(86110424) AT (	-100.00, 0.00) GC	33.	23.49765	(86020216) AT (	-100.00, 0.00) GC
9.	31.09694	(86060324) AT (	-100.00, 0.00) GC	34.	23.26111	(86040608) AT (	-100.00, 0.00) GC
10.	28.05903	(86032324) AT (	0.00, -100.00) GC	35.	23.16035	(86072824) AT (	-100.00, 100.00) GC
11.	27.56647	(86040408) AT (	-200.00, 100.00) GC	36.	23.02581	(86123108) AT (	0.00, -100.00) GC
12.	26.78955	(86020224) AT (	-200.00, 0.00) GC	37.	22.96642	(86052208) AT (	100.00, 0.00) GC
13.	26.77957	(86072008) AT (	0.00, 100.00) GC	38.	22.46800	(86081308) AT (	-100.00, 0.00) GC
14.	26.67016c	(86020508) AT (	-100.00, 100.00) GC	39.	22.23049	(86052608) AT (	-400.00, 200.00) GC
15.	26.60094	(86022224) AT (	-100.00, 0.00) GC	40.	21.82023	(86030824) AT (	-100.00, 0.00) GC
16.	26.49565	(86010624) AT (	-100.00, 0.00) GC	41.	21.61108c	(86082608) AT (	-100.00, 0.00) GC
17.	26.06870	(86040624) AT (	-200.00, 0.00) GC	42.	21.59992	(86060208) AT (	-100.00, 100.00) GC
18.	26.01925c	(86031208) AT (	-100.00, 100.00) GC	43.	21.53237	(86040324) AT (	-100.00, 0.00) GC
19.	25.53122	(86021624) AT (	-100.00, 0.00) GC	44.	21.44411	(86101324) AT (	-100.00, 0.00) GC
20.	25.12715	(86060308) AT (	-200.00, 100.00) GC	45.	21.42578	(86031808) AT (	-100.00, 0.00) GC
21.	25.05542	(86081824) AT (	0.00, 100.00) GC	46.	21.32803	(86031416) AT (	0.00, 100.00) GC
22.	24.98612	(86020208) AT (	-100.00, 0.00) GC	47.	21.18201	(86011824) AT (	0.00, 100.00) GC
23.	24.84878	(86100308) AT (	-100.00, 0.00) GC	48.	21.12784	(86061524) AT (	-100.00, 0.00) GC
24.	24.83069	(86040524) AT (	-100.00, 0.00) GC	49.	21.03817	(86092808) AT (	100.00, -100.00) GC
25.	24.69141	(86022016) AT (	100.00, 0.00) GC	50.	20.90099	(86102808) AT (	100.00, -200.00) GC

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

*** ISCST2 - VERSION 92062 *** *** FGTC III ST 21 1,8 HOUR CO 100 m GRID 2-23-93 1986
*** ENSR Version 1.00 Level 920408*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

*** 02/23/93
*** 23:34:52
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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

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

		** CONC OF CO		IN MICROGRAMS/CUBIC-METER					**	
GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR	(XR, YR,	ZELEV,	ZFLAG)	OF TYPE	NETWORK GRID-ID	
1	HIGH 1ST HIGH VALUE IS	16.07146	ON 86122322	AT (	-100.00,	100.00,	0.00,	0.00)	GC E3
2	HIGH 1ST HIGH VALUE IS	210.67770	ON 86022220	AT (	-100.00,	0.00,	0.00,	0.00)	GC E3
3	HIGH 1ST HIGH VALUE IS	210.68850	ON 86022220	AT (	-100.00,	0.00,	0.00,	0.00)	GC E3

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

*** ISCST2 - VERSION 92062 *** *** FGTC III ST 21 1,8 HOUR CO 100 m GRID 2-23-93 1986
 *** ENSR Version 1.00 Level 920408*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

*** 02/23/93
 *** 23:34:52
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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

		** CONC OF CO		IN MICROGRAMS/CUBIC-METER						**	
GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR	(XR, YR, ZELEV, ZFLAG)					OF TYPE	NETWORK GRID-ID
1	HIGH 1ST HIGH VALUE IS	4.77681	ON 86122316:	AT (	-100.00,	100.00,	0.00,	0.00)	GC	E3
2	HIGH 1ST HIGH VALUE IS	50.49139	ON 86020224:	AT (	-100.00,	0.00,	0.00,	0.00)	GC	E3
3	HIGH 1ST HIGH VALUE IS	50.49303	ON 86020224:	AT (	-100.00,	0.00,	0.00,	0.00)	GC	E3

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

*** ISCST2 - VERSION 92062 *** *** FGTC III ST 21 1,8 HOUR CO 100 m GRID 2-23-93 1986
*** ENSR Version 1.00 Level 920408*** TWO PRIME MOVERS AND ONE EMERGENCY GENERATOR

*** 02/23/93
*** 23:34:52
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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** Message Summary For ISC2 Model Execution ***

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

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 236 Informational Message(s)

A Total of 235 Calm Hours Identified

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

***** WARNING MESSAGES *****
SO W320 27 PPARAM : Source Parameter May Be Out-of-Range for Parameter VS
SO W320 28 PPARAM : Source Parameter May Be Out-of-Range for Parameter VS

*** ISCST2 Finishes Successfully ***

GEP STRUCTURE DOWNWASH PROGRAM OUTPUT TABLE

GEP Table

ENSR

Input Data

File Name: ST211.TAB

Date: 2-23-1993

Model: ISCLT

Wake Area Section Option: Maximum of all directions within sector.

Wake Area Shape Option: ISC Rectangle 1/2L*2L*5L.

Combine Structures: Combine buildings within one "L"
crosswind and 1.00 "L" upwind
-downwind of each other.

Number of Buildings: 2

Number of Tanks: 0

Number of Stacks: 3

Plant Rotation Angle: .000%

Input Data (cont.)

Building No. 1
Name: COMP
Height: 30.00 (FT)

Corner	East (FT)	North (FT)
1	415.00	170.00
2	375.00	170.00
3	375.00	290.00
4	415.00	290.00
5	415.00	170.00

Input Data (cont.)

Building No. 2
Name: AUX
Height: 18.70 (FT)

Corner	East (FT)	North (FT)
1	300.00	235.00
2	280.00	235.00
3	280.00	290.00
4	300.00	290.00
5	300.00	235.00

Input Data (cont.)

Stack Parameters

Stack No.	Height (FT)	----- Location -----	
		East (FT)	North (FT)
1	50.00	370.00	240.00
2	50.00	370.00	185.00
3	20.00	305.00	255.00

GEP Table

ENSR

STACK ID 1

Sector No.	Critical Flow Vector (deg)	GEP Stack Height (FT)	----- Controlling Structures -----			
			Name-1	Name-2	Height (FT)	Projected Width (FT)
1	-11.25	75.000	COMP		30.000	62.642
2	33.25	75.000	COMP		30.000	99.247
3	55.75	75.000	COMP		30.000	121.703
4	71.25	75.000	COMP		30.000	126.489
5	78.75	75.000	COMP		30.000	125.498
6	108.25	75.000	COMP		30.000	126.490
7	123.75	75.000	COMP		30.000	121.999
8	146.25	75.000	COMP		30.000	99.927
9	168.75	75.000	COMP		30.000	62.643
10	213.25	75.000	COMP		30.000	99.246
11	235.75	75.000	COMP		30.000	121.703
12	251.25	75.000	COMP		30.000	126.489
13	258.75	75.000	COMP		30.000	125.498
14	288.25	75.000	COMP		30.000	126.490
15	303.75	75.000	COMP		30.000	121.999
16	326.25	75.000	COMP		30.000	99.928

GEP Table

ENSR

STACK ID 2

Sector No.	Critical Flow Vector (deg)	GEP Stack Height (FT)	----- Controlling Structures -----			
			Name-1	Name-2	Height (FT)	Projected Width (FT)
1	-11.25	75.000	COMP		30.000	62.642
2	33.25	75.000	COMP		30.000	99.247
3	55.75	75.000	COMP		30.000	121.703
4	71.25	75.000	COMP		30.000	126.489
5	78.75	75.000	COMP		30.000	125.498
6	108.25	75.000	COMP		30.000	126.490
7	123.75	75.000	COMP		30.000	121.999
8	146.25	75.000	COMP		30.000	99.927
9	168.75	75.000	COMP		30.000	62.643
10	213.25	75.000	COMP		30.000	99.246
11	235.75	75.000	COMP		30.000	121.703
12	251.25	75.000	COMP		30.000	126.489
13	258.75	75.000	COMP		30.000	125.498
14	288.25	75.000	COMP		30.000	126.490
15	303.75	75.000	COMP		30.000	121.999
16	326.25	75.000	COMP		30.000	99.928

GEP Table

ENSR

STACK ID 3

Sector No.	Critical Flow Vector (deg)	GEP Stack Height (FT)	----- Controlling Structures -----			
			Name-1	Name-2	Height (FT)	Projected Width (FT)
1	-11.25	46.750	AUX		18.700	30.345
2	33.25	46.750	AUX		18.700	46.882
3	55.75	75.000	COMP		30.000	121.703
4	71.25	75.000	COMP		30.000	126.489
5	78.75	75.000	COMP		30.000	125.498
6	108.25	75.000	COMP		30.000	126.490
7	123.75	75.000	COMP		30.000	121.999
8	146.25	75.000	COMP		30.000	99.927
9	168.75	46.750	AUX		18.700	30.345
10	213.25	46.750	AUX		18.700	46.882
11	235.75	75.000	COMP		30.000	121.703
12	251.25	75.000	COMP		30.000	126.489
13	258.75	75.000	COMP		30.000	125.498
14	288.25	75.000	COMP		30.000	126.490
15	303.75	75.000	COMP		30.000	121.999
16	326.25	75.000	COMP		30.000	99.928

POCKET FOR DISKETTE