Appendix to OAC
Application for a Permit to
construct an air pollution
source.

Rec'd w application
20 JAN 1988
KKLD

APPENDIX

SUMMARY OF APPLICABLE DISPERSION MODELING RUNS

APPENDIX

The air quality modeling runs which support this permit application are presented in this appendix. A modeling run is included for each year of the five-year meteorological data period. The modeled receptor distances are 0.2, 0.4, 0.6, 0.8, 1.0, 1.2, 1.5, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, and 14 kilometers.

For these modeling runs, the modeled emission rate is based on all four combustion turbines utilizing 0.8 percent sulfur fuel oil. However, the permit application is based on all four combustion turbines utilizing 0.30 percent sulfur fuel oil. For the applicable permit application sections, the predicted concentrations were adjusted by the factor of 0.38 to simply determine the predicted concentrations for 0.30 percent sulfur fuel oil. The 0.38 adjustment factor is the ratio of the lower sulfur fuel oil (0.30 percent) to the initial modeled fuel oil (0.8 percent).

ISCST (DATED 86322)
AN AIR QUALITY DISPERSION MODEL IN
SECTION 1. GUIDELINE MODELS
IN UNAMAP (VERSION 6) JULY 86.
SOURCE: FILE 6 ON UNAMAP MAGNETIC TAPE FROM NTIS.

IBM-PC VERSION (1.40)
(C) COPYRIGHT 1986, TRINITY CONSULTANTS, INC.
SERIAL NUMBER 5056 SOLD TO BLACK & VEATCH
RUN BEGAN ON 09-24-87 AT 17:15:22

SO2 IMPACT, FOUR STACKS AS ONE, 1981 MET DATA

CALCULATE (CONCENTRATION=1,DEPOSITION=2)	ISW(1) = 1
RECEPTOR GRID SYSTEM (RECTANGULAR=1 OR 3, POLAR=2 OR 4)	ISW(2) = 4
DISCRETE RECEPTOR SYSTEM (RECTANGULAR=1,POLAR=2)	ISW(3) = 1
TERRAIN ELEVATIONS ARE READ (YES=1,NO=0)	ISW(4) = 0
CALCULATIONS ARE WRITTEN TO TAPE (YES=1,NO=0)	ISW(5) = 0
LIST ALL INPUT DATA (NO=0,YES=1,MET DATA ALSO=2)	ISW(6) = 1
COMPUTE AVERAGE CONCENTRATION (OR TOTAL DEPOSITION)	
WITH THE FOLLOWING TIME PERIODS:	
HOURLY (YES=1,NO=0)	ISW(7) = 0
2-HOUR (YES=1,NO=0)	ISW(8) = 0
3-HOUR (YES=1,NO=0)	ISW(9) = 1
4-HOUR (YES=1,NO=0)	ISW(10) = 0
6-HOUR (YES=1,NO=0)	ISW(11) = 0
8-HOUR (YES=1,NO=0)	ISW(12) = 0
12-HOUR (YES=1,NO=0)	ISW(13) = 0
24-HOUR (YES=1,NO=0)	ISW(14) = 1
PRINT 'N'-DAY TABLE(S) (YES=1,NO=0)	ISW(15) = 1
PRINT THE FOLLOWING TYPES OF TABLES WHOSE TIME PERIODS ARE	
SPECIFIED BY ISW(7) THROUGH ISW(14):	
DAILY TABLES (YES=1,NO=0)	ISW(16) = 0
HIGHEST & SECOND HIGHEST TABLES (YES=1,NO=0)	ISW(17) = 1
MAXIMUM 50 TABLES (YES=1,NO=0)	ISW(18) = 1
METEOROLOGICAL DATA INPUT METHOD (PRE-PROCESSED=1,CARD=2)	ISW(19) = 1
RURAL-URBAN OPTION (RU.=0,UR. MODE 1=1,UR. MODE 2=2,UR. MODE 3=3)	ISW(20) = 0
WIND PROFILE EXPONENT VALUES (DEFAULTS=1,USER ENTERS=2,3)	ISW(21) = 1
VERTICAL POT. TEMP. GRADIENT VALUES (DEFAULTS=1,USER ENTERS=2,3)	ISW(22) = 1
SCALE EMISSION RATES FOR ALL SOURCES (NO=0,YES>0)	ISW(23) = 0
PROGRAM CALCULATES FINAL PLUME RISE ONLY (YES=1,NO=2)	ISW(24) = 1
PROGRAM ADJUSTS ALL STACK HEIGHTS FOR DOWNWASH (YES=2,NO=1)	ISW(25) = 2
PROGRAM USES BUOYANCY INDUCED DISPERSION (YES=1,NO=2)	ISW(26) = 1
CONCENTRATIONS DURING CALM PERIODS SET = 0 (YES=1,NO=2)	ISW(27) = 1
REG. DEFAULT OPTION CHOSEN (YES=1,NO=2)	ISW(28) = 1
TYPE OF POLLUTANT TO BE MODELLED (1=SO2,2=OTHER)	ISW(29) = 1
DEBUG OPTION CHOSEN (1=YES,2=NO)	ISW(30) = 2
NUMBER OF INPUT SOURCES	NSOURC = 1
NUMBER OF SOURCE GROUPS (=0,ALL SOURCES)	NGROUP = 0
TIME PERIOD INTERVAL TO BE PRINTED (=0,ALL INTERVALS)	IPERD = 0
NUMBER OF X (RANGE) GRID VALUES	NXPNTS = 20
NUMBER OF Y (THETA) GRID VALUES	NYPNTS = 36
NUMBER OF DISCRETE RECEPTORS	NXWYPT = 0
SOURCE EMISSION RATE UNITS CONVERSION FACTOR	TK=.10000E+07
HEIGHT ABOVE GROUND AT WHICH WIND SPEED WAS MEASURED	ZR = 10.00 METERS
LOGICAL UNIT NUMBER OF METEOROLOGICAL DATA	IMET = 9
DECAY COEFFICIENT FOR PHYSICAL OR CHEMICAL DEPLETION	DECAY = .000000E+00
SURFACE STATION NO.	ISS = 12815
YEAR OF SURFACE DATA	ISY = 81
UPPER AIR STATION NO.	IUS = 12842
YEAR OF UPPER AIR DATA	IUY = 81
ALLOCATED DATA STORAGE	LIMIT = 43500 WORDS
REQUIRED DATA STORAGE FOR THIS PROBLEM RUN	MIMIT = 9937 WORDS

*** METEOROLOGICAL DAYS TO BE PROCESSED ***
(IF=1)

```
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1
```

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** WIND PROFILE EXPONENTS ***

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

*** SO2 IMPACT, FOUR STACKS AS ONE, 1981 MET DATA ***

X,Y-COORDINATES OF THE CENTER OF THE POLAR RECEPTOR GRID (METERS) = (0., 0.)

*** RANGES OF POLAR GRID SYSTEM ***
(METERS)

200.0,	300.0,	400.0,	600.0,	800.0,	1000.0,	1200.0,	1500.0,	2000.0,	3000.0,
4000.0,	5000.0,	6000.0,	7000.0,	8000.0,	9000.0,	10000.0,	11000.0,	12000.0,	13000.0,

*** RADIAL ANGLES OF POLAR GRID SYSTEM ***

(DEGREES)

10.0,	20.0,	30.0,	40.0,	50.0,	60.0,	70.0,	80.0,	90.0,	100.0,
110.0,	120.0,	130.0,	140.0,	150.0,	160.0,	170.0,	180.0,	190.0,	200.0,
210.0,	220.0,	230.0,	240.0,	250.0,	260.0,	270.0,	280.0,	290.0,	300.0,
310.0,	320.0,	330.0,	340.0,	350.0,	360.0,				

*** SO2 IMPACT, FOUR STACKS AS ONE, 1981 MET DATA ***

*** SOURCE DATA ***

SOURCE NUMBER	P E	W A Y K E	NUMBER PART. CATS.	EMISSION RATE TYPE=0,1 (GRAMS/SEC) TYPE=2 (GRAMS/SEC) *PER METER**2	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	HEIGHT (METERS)	TEMP. TYPE=0 (DEG.K); VERT.DIM TYPE=1 (METERS)	EXIT VEL. TYPE=0 (M/SEC); HORZ.DIM TYPE=1,2 (METERS)	DIAMETER TYPE=0 (METERS)	BLDG. HEIGHT TYPE=0 (METERS)	BLDG. LENGTH TYPE=0 (METERS)	BLDG. WIDTH TYPE=0 (METERS)
1	0	0	0	.19176E+03	.0	.0	.0	10.97	812.59	29.51	3.77	.00	.00	.00

* CALM HOURS (=1) FOR DAY	1	*	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	3	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1
* CALM HOURS (=1) FOR DAY	4	*	0	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	13	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	14	*	1	1	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	15	*	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	20	*	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	26	*	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
* CALM HOURS (=1) FOR DAY	27	*	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	28	*	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	30	*	0	1	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
* CALM HOURS (=1) FOR DAY	35	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY	37	*	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	49	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	52	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
* CALM HOURS (=1) FOR DAY	53	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
* CALM HOURS (=1) FOR DAY	56	*	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY	57	*	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
* CALM HOURS (=1) FOR DAY	58	*	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
* CALM HOURS (=1) FOR DAY	59	*	0	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	65	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
* CALM HOURS (=1) FOR DAY	68	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
* CALM HOURS (=1) FOR DAY	69	*	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	72	*	0	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	74	*	0	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	80	*	1	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	81	*	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	84	*	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	86	*	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	87	*	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	90	*	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	95	*	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	99	*	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	100	*	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	101	*	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	103	*	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	104	*	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	105	*	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	108	*	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	109	*	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	110	*	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	113	*	0	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
* CALM HOURS (=1) FOR DAY	116	*	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	117	*	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	118	*	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	119	*	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY	120	*	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	121	*	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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* CALM HOURS (=1) FOR DAY 124 *  0  0  0  0  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 125 *  0  1  1  0  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 136 *  0  0  0  0  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 137 *  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 143 *  0  0  0  0  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 144 *  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 145 *  0  0  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 149 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0
* CALM HOURS (=1) FOR DAY 150 *  0  1  1  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 151 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0
* CALM HOURS (=1) FOR DAY 152 *  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 153 *  0  0  0  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 159 *  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 165 *  0  0  0  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 166 *  0  0  0  0  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 169 *  0  1  0  0  1  1  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 170 *  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 171 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0  0
* CALM HOURS (=1) FOR DAY 172 *  0  0  0  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 173 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  0  0
* CALM HOURS (=1) FOR DAY 174 *  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1
* CALM HOURS (=1) FOR DAY 175 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1
* CALM HOURS (=1) FOR DAY 176 *  1  1  1  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0
* CALM HOURS (=1) FOR DAY 177 *  0  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 178 *  0  0  0  0  0  1  1  0  0  0  0  0  0  0  1  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 179 *  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 182 *  0  0  1  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 183 *  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 184 *  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0  0  0
* CALM HOURS (=1) FOR DAY 185 *  0  0  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 187 *  0  1  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1
* CALM HOURS (=1) FOR DAY 189 *  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 190 *  0  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 191 *  1  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 194 *  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  1  0  0  0  0
* CALM HOURS (=1) FOR DAY 200 *  0  1  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 204 *  0  0  0  0  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 205 *  0  0  0  0  0  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 207 *  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 208 *  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 210 *  0  1  0  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 211 *  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  1
* CALM HOURS (=1) FOR DAY 212 *  0  0  0  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 213 *  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 214 *  0  0  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0
* CALM HOURS (=1) FOR DAY 215 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0
* CALM HOURS (=1) FOR DAY 216 *  1  0  1  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 218 *  1  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 219 *  1  1  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0
* CALM HOURS (=1) FOR DAY 222 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0
* CALM HOURS (=1) FOR DAY 223 *  0  0  0  0  1  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 224 *  0  0  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 225 *  0  1  1  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 233 *  0  0  0  0  0  0  1  0  0  0  0  0  0  0  0  1  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 234 *  0  0  1  0  1  0  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 235 *  0  1  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1
* CALM HOURS (=1) FOR DAY 236 *  0  0  0  0  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 239 *  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  1  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 240 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 241 *  0  1  1  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0
* CALM HOURS (=1) FOR DAY 242 *  0  0  0  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1
* CALM HOURS (=1) FOR DAY 243 *  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 244 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0
* CALM HOURS (=1) FOR DAY 245 *  0  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 246 *  0  1  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 247 *  0  1  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
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* CALM HOURS (=1) FOR DAY 248 *  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 250 *  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 251 *  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 252 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0  0  0  1  0  0
* CALM HOURS (=1) FOR DAY 253 *  0  0  0  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 254 *  0  0  0  0  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 256 *  0  0  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 257 *  1  1  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1
* CALM HOURS (=1) FOR DAY 258 *  0  1  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 260 *  0  0  0  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0  0  0
* CALM HOURS (=1) FOR DAY 261 *  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 264 *  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 265 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1
* CALM HOURS (=1) FOR DAY 266 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1
* CALM HOURS (=1) FOR DAY 267 *  0  1  0  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 274 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0
* CALM HOURS (=1) FOR DAY 275 *  1  1  0  0  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 278 *  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 279 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0  0  0  0  0  0  0  1
* CALM HOURS (=1) FOR DAY 280 *  1  1  1  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1
* CALM HOURS (=1) FOR DAY 282 *  0  0  0  0  0  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 283 *  0  0  0  0  1  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 284 *  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 289 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1
* CALM HOURS (=1) FOR DAY 290 *  0  1  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1
* CALM HOURS (=1) FOR DAY 291 *  1  1  1  1  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 297 *  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 299 *  0  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 300 *  0  0  0  0  0  1  1  0  0  0  0  0  0  0  0  0  1  1  1  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 313 *  0  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 320 *  0  0  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 322 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  0  0  1  1
* CALM HOURS (=1) FOR DAY 323 *  1  0  1  1  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 326 *  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 327 *  0  0  0  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1
* CALM HOURS (=1) FOR DAY 328 *  0  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 331 *  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 332 *  0  0  0  0  0  0  0  1  1  0  0  0  0  0  0  0  0  0  1  0  1  0  0  0  0
* CALM HOURS (=1) FOR DAY 334 *  0  1  0  0  1  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 337 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1
* CALM HOURS (=1) FOR DAY 338 *  1  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 340 *  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 341 *  0  0  0  0  1  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0
* CALM HOURS (=1) FOR DAY 342 *  0  1  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 345 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0  0  0
* CALM HOURS (=1) FOR DAY 346 *  0  1  0  0  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 348 *  1  0  0  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 351 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0  0  0  0  1  1
* CALM HOURS (=1) FOR DAY 357 *  0  0  1  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0  0
* CALM HOURS (=1) FOR DAY 358 *  0  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 361 *  1  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 362 *  1  0  1  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 363 *  0  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
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SO2 IMPACT, FOUR STACKS AS ONE, 1981 MET DATA

365-DAY AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER)

FROM ALL SOURCES
FOR THE RECEPTOR GRID

MAXIMUM VALUE EQUALS .89713 AND OCCURRED AT (8000.0, 180.0)

DIRECTION / (DEGREES) /	RANGE (METERS) 200.0	300.0	400.0	600.0	800.0	1000.0	1200.0	1500.0	2000.0
360.0 /	.36219	.33510	.29146	.24454	.23787	.27301	.32909	.44717	.56353
350.0 /	.33715	.28742	.23703	.18719	.18368	.21934	.26874	.36514	.45312
340.0 /	.29892	.23752	.18952	.13965	.13154	.16398	.20842	.29397	.37346
330.0 /	.28691	.23321	.19423	.15640	.15480	.19023	.23580	.32343	.41238
320.0 /	.30241	.25644	.21418	.16275	.15134	.17839	.21972	.30671	.39377
310.0 /	.32313	.28835	.25241	.20114	.18910	.21650	.26373	.36579	.46851
300.0 /	.32764	.29537	.26862	.22951	.22498	.25961	.31405	.43036	.55035
290.0 /	.31292	.26624	.22059	.15879	.14177	.16744	.20908	.29848	.37811
280.0 /	.30375	.26226	.22263	.17601	.17724	.22272	.27566	.37693	.47172
270.0 /	.30609	.28168	.25018	.20342	.20792	.26472	.32475	.43083	.53424
260.0 /	.31184	.28635	.24747	.19576	.20255	.26920	.33637	.44593	.54958
250.0 /	.32951	.29636	.25354	.20373	.21104	.28144	.35385	.47199	.57751
240.0 /	.36639	.32468	.27193	.20639	.20233	.26320	.33153	.45894	.57770
230.0 /	.40741	.36847	.31910	.26006	.25925	.31617	.37914	.50857	.64193
220.0 /	.42703	.37582	.31835	.25121	.24253	.28301	.32657	.41935	.51783
210.0 /	.42173	.35008	.29048	.22702	.21411	.24131	.27437	.34883	.42848
200.0 /	.41097	.33016	.27039	.20715	.19105	.21212	.24361	.31747	.39480
190.0 /	.41046	.34514	.29041	.22021	.20196	.22545	.26106	.34783	.44048
180.0 /	.40991	.38252	.35226	.29416	.28574	.32169	.36539	.46755	.58835
170.0 /	.37698	.36059	.33302	.27199	.26001	.29026	.32516	.40557	.49937
160.0 /	.30265	.27167	.24352	.19095	.18580	.22079	.25920	.34034	.43209
150.0 /	.22600	.18399	.16761	.13580	.14036	.18222	.22666	.31673	.41312
140.0 /	.18668	.14761	.13156	.10035	.10248	.14395	.18962	.28287	.37868
130.0 /	.19436	.16814	.15168	.12206	.12644	.17181	.22115	.31847	.42095
120.0 /	.22744	.21126	.19097	.15475	.15645	.20009	.24903	.34688	.45300
110.0 /	.25850	.24637	.22460	.17979	.17546	.21323	.25534	.33926	.42803
100.0 /	.26783	.25026	.23179	.19410	.19660	.23733	.27873	.35992	.44859
90.0 /	.25608	.22757	.20682	.16912	.17096	.21020	.25105	.33328	.42257
80.0 /	.24135	.20564	.17476	.13461	.13214	.16607	.20132	.26826	.33321
70.0 /	.23742	.20597	.16971	.12838	.12811	.16841	.20933	.27940	.34699
60.0 /	.23894	.22099	.19295	.16081	.16817	.22022	.27352	.36418	.45744
50.0 /	.23233	.21311	.18064	.14082	.14264	.19299	.24522	.33048	.41297
40.0 /	.22219	.18743	.15373	.12406	.12937	.17861	.23144	.31360	.38987
30.0 /	.23301	.17669	.13070	.09011	.08723	.12619	.17378	.24733	.30817
20.0 /	.27927	.22391	.17279	.12873	.12337	.15988	.21239	.30664	.39231
10.0 /	.33720	.30444	.25686	.20507	.19161	.22456	.28217	.40173	.51761

*** SO2 IMPACT, FOUR STACKS AS ONE, 1981 MET DATA ***

* 365-DAY AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS .89713 AND OCCURRED AT (8000.0, 180.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 3000.0	4000.0	5000.0	6000.0	7000.0	8000.0	9000.0	10000.0	11000.0
360.0 /	.67822	.72375	.73328	.73203	.72680	.71692	.70663	.69628	.68347
350.0 /	.53050	.56303	.57102	.57155	.56852	.56173	.55402	.54577	.53499
340.0 /	.44458	.46900	.46955	.46350	.45549	.44569	.43607	.42672	.41611
330.0 /	.50192	.53471	.53646	.53000	.52164	.51160	.50205	.49290	.48210
320.0 /	.48446	.52109	.52456	.51743	.50669	.49376	.48094	.46852	.45481
310.0 /	.57485	.61566	.62012	.61502	.60735	.59654	.58589	.57550	.56328
300.0 /	.68479	.74987	.76842	.77174	.76836	.75909	.74799	.73580	.72004
290.0 /	.45282	.47844	.47654	.46661	.45476	.44145	.42879	.41685	.40423
280.0 /	.57093	.61645	.62807	.62931	.62651	.61961	.61180	.60338	.59212
270.0 /	.64918	.70000	.70953	.70632	.69885	.68771	.67637	.66505	.65116
260.0 /	.66315	.71468	.72406	.71997	.71087	.69817	.68496	.67160	.65538
250.0 /	.68759	.73704	.74778	.74594	.73876	.72672	.71349	.69965	.68286
240.0 /	.70730	.75953	.76310	.75052	.73301	.71272	.69300	.67421	.65392
230.0 /	.79564	.86685	.88439	.88275	.87361	.85805	.84164	.82512	.80588
220.0 /	.63508	.69523	.71484	.71983	.71846	.71088	.70194	.69229	.67968
210.0 /	.53023	.58954	.61356	.62352	.62691	.62387	.61900	.61297	.60391
200.0 /	.49161	.54688	.56819	.57581	.57722	.57303	.56720	.56033	.55067
190.0 /	.54867	.60714	.63057	.64019	.64305	.63934	.63338	.62591	.61520
180.0 /	.73847	.82693	.86577	.88637	.89663	.89713	.89308	.88572	.87211
170.0 /	.60849	.66278	.67990	.68491	.68422	.67733	.66874	.65911	.64650
160.0 /	.53965	.59649	.61486	.61967	.61781	.61063	.60152	.59129	.57798
150.0 /	.52127	.57469	.58832	.58809	.58160	.57098	.55903	.54649	.53156
140.0 /	.48318	.52772	.53241	.52138	.50430	.48494	.46590	.44791	.42972
130.0 /	.53718	.58673	.59211	.58102	.56384	.54399	.52436	.50560	.48630
120.0 /	.57933	.63777	.65086	.64855	.64026	.62804	.61485	.60128	.58532
110.0 /	.52666	.57262	.58409	.58525	.58206	.57502	.56680	.55782	.54594
100.0 /	.54947	.59995	.61655	.62227	.62279	.61809	.61166	.60409	.59323
90.0 /	.52661	.57809	.59298	.59522	.59187	.58393	.57464	.56460	.55187
80.0 /	.40343	.43416	.43920	.43554	.42874	.41951	.41015	.40095	.39052
70.0 /	.41573	.44078	.44049	.43362	.42513	.41552	.40613	.39697	.38637
60.0 /	.55672	.59191	.59356	.58648	.57753	.56630	.55559	.54536	.53366
50.0 /	.49565	.52300	.52028	.51021	.49871	.48640	.47481	.46388	.45159
40.0 /	.46087	.48322	.48182	.47491	.46673	.45694	.44751	.43844	.42812
30.0 /	.34935	.34953	.33653	.32254	.30987	.29780	.28730	.27810	.26915
20.0 /	.46499	.48133	.47408	.46247	.45097	.43904	.42837	.41874	.40843
10.0 /	.62682	.65758	.65123	.63596	.61973	.60257	.58713	.57320	.55842

*** SO2 IMPACT, FOUR STACKS AS ONE, 1981 MET DATA ***

* 365-DAY AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS .89713 AND OCCURRED AT (8000.0, 180.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 12000.0	13000.0
360.0 /	.67112	.65918
350.0 /	.52440	.51402
340.0 /	.40601	.39637
330.0 /	.47183	.46198
320.0 /	.44189	.42968
310.0 /	.55161	.54043
300.0 /	.70446	.68918
290.0 /	.39247	.38146
280.0 /	.58095	.56992
270.0 /	.63777	.62480
260.0 /	.63971	.62457
250.0 /	.66652	.65071
240.0 /	.63497	.61723
230.0 /	.78745	.76977
220.0 /	.66726	.65507
210.0 /	.59469	.58542
200.0 /	.54088	.53105
190.0 /	.60420	.59310
180.0 /	.85749	.84224
170.0 /	.63395	.62155
160.0 /	.56479	.55180
150.0 /	.51713	.50323
140.0 /	.41306	.39778
130.0 /	.46843	.45188
120.0 /	.56989	.55502
110.0 /	.53417	.52257
100.0 /	.58229	.57138
90.0 /	.53936	.52712
80.0 /	.38064	.37126
70.0 /	.37624	.36656
60.0 /	.52260	.51207
50.0 /	.44007	.42919
40.0 /	.41836	.40909
30.0 /	.26114	.25388
20.0 /	.39896	.39013
10.0 /	.54490	.53238

*** SO2 IMPACT, FOUR STACKS AS ONE, 1981 MET DATA ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 60.01043 AND OCCURRED AT (11000.0, 160.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 200.0	300.0	400.0	600.0	800.0
360.0 /	13.31526 (168, 1)	13.10392 (168, 1)	12.81291 (168, 1)	13.78667 (203, 4)	27.91201 (203, 4)
350.0 /	11.83115 (210, 8)	10.97687 (210, 8)	10.10521 (210, 8)	10.58265 (203, 4)	21.25837 (203, 4)
340.0 /	10.71455 (108, 8)	9.60182 (108, 8)	8.44780 (108, 8)	6.74264 (348, 7)	7.84311 (348, 7)
330.0 /	12.62943 (222, 1)	12.49612 (222, 1)	12.27704 (222, 1)	11.69920 (222, 1)	11.01792 (222, 1)
320.0 /	10.99415 (222, 1)	9.41766 (222, 1)	8.33587 (164, 2)	8.22977 (164, 2)	8.60924 (164, 2)
310.0 /	12.64068 (236, 1)	12.24314 (236, 1)	11.70986 (236, 1)	10.49867 (236, 1)	10.52599 (94, 1)
300.0 /	12.07213 (236, 1)	11.15569 (236, 1)	10.20818 (206, 1)	10.18925 (118, 8)	10.31342 (118, 8)
290.0 /	11.09381 (206, 1)	9.96611 (206, 1)	9.33925 (138, 1)	9.12731 (86, 7)	9.91698 (86, 7)
280.0 /	10.53992 (88, 1)	10.04668 (88, 1)	9.56266 (330, 7)	10.27077 (330, 7)	11.09354 (330, 7)
270.0 /	11.28949 (222, 8)	10.76145 (222, 8)	10.20939 (357, 2)	10.78884 (357, 2)	11.39411 (357, 2)
260.0 /	10.32842 (222, 8)	10.04623 (102, 1)	9.50684 (102, 1)	9.02118 (313, 1)	13.60068 (244, 4)
250.0 /	9.40088 (278, 8)	9.25908 (48, 8)	9.41059 (48, 8)	9.72368 (48, 8)	11.35355 (244, 4)
240.0 /	9.59129 (273, 2)	9.10523 (273, 2)	8.53070 (273, 2)	8.13447 (71, 8)	8.39050 (71, 8)
230.0 /	11.76673 (98, 1)	12.03822 (98, 1)	12.34468 (98, 1)	13.05736 (98, 1)	13.77835 (98, 1)
220.0 /	12.17969 (143, 1)	11.63901 (269, 2)	11.69440 (269, 2)	11.78640 (269, 2)	11.82660 (269, 2)
210.0 /	11.66460 (143, 1)	10.64915 (143, 1)	10.24227 (311, 8)	10.31498 (238, 1)	10.78635 (238, 1)
200.0 /	12.85049 (100, 2)	12.88423 (100, 2)	12.87526 (100, 2)	12.78069 (100, 2)	12.56939 (100, 2)
190.0 /	13.18630 (278, 2)	12.82928 (278, 2)	12.42419 (278, 2)	11.80690 (278, 2)	11.59644 (278, 2)
180.0 /	11.36032 (130, 1)	11.18727 (130, 1)	10.92939 (130, 1)	10.31816 (130, 1)	10.79123 (354, 7)
170.0 /	11.02326 (3, 2)	10.49001 (3, 2)	9.97297 (3, 2)	9.94563 (286, 1)	10.70251 (355, 1)
160.0 /	11.13715 (339, 8)	9.90076 (339, 8)	9.90899 (318, 2)	10.38543 (318, 2)	11.84801 (262, 1)
150.0 /	9.87776 (142, 2)	10.01518 (70, 2)	9.97897 (70, 2)	9.84785 (70, 2)	9.75803 (70, 2)
140.0 /	9.93545 (327, 1)	10.02944 (327, 1)	10.27560 (327, 1)	10.86506 (327, 1)	11.48134 (327, 1)
130.0 /	8.42975 (26, 3)	8.02964 (26, 3)	6.98368 (26, 3)	7.19679 (345, 1)	8.23506 (345, 1)
120.0 /	9.59265 (289, 2)	9.68172 (26, 3)	8.98764 (26, 3)	9.34108 (66, 1)	10.18410 (66, 1)
110.0 /	10.21734 (289, 2)	9.34727 (289, 2)	8.45495 (289, 2)	8.49020C(84, 1)	8.92450C(84, 1)
100.0 /	10.42990 (325, 8)	9.85013 (325, 8)	9.77165 (325, 8)	9.99901 (27, 1)	10.69996 (42, 7)
90.0 /	10.51926 (243, 2)	9.70430 (243, 2)	9.27563 (130, 8)	8.84550 (130, 8)	8.92542 (95, 8)
80.0 /	13.19541 (319, 8)	12.72187 (319, 8)	12.11219 (319, 8)	10.79583 (319, 8)	9.60467 (319, 8)
70.0 /	12.79488 (319, 8)	11.91826 (319, 8)	10.88079 (319, 8)	8.85039 (319, 8)	7.68485 (60, 8)
60.0 /	13.76427 (167, 2)	13.27214 (167, 2)	13.09389 (1, 1)	13.16211 (1, 1)	13.16614 (1, 1)
50.0 /	12.81869 (167, 2)	11.39186 (167, 2)	9.90100 (167, 2)	8.57820 (61, 2)	9.79462 (61, 2)
40.0 /	8.08595 (167, 2)	7.65839 (159, 8)	8.27959 (159, 8)	9.41934 (159, 8)	10.86312 (159, 8)
30.0 /	8.73984 (201, 2)	8.82221 (201, 2)	7.50164 (201, 2)	7.15317 (160, 1)	8.11962 (160, 1)
20.0 /	9.21210 (211, 2)	8.48637 (192, 1)	8.47647 (192, 1)	8.51557 (192, 1)	8.83861 (192, 1)
10.0 /	11.02437 (168, 1)	11.02311 (27, 8)	11.02007 (27, 8)	10.99578 (27, 8)	11.02686 (27, 8)

*** SO2 IMPACT, FOUR STACKS AS ONE, 1981 MET DATA ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 60.01043 AND OCCURRED AT (11000.0, 160.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 1000.0	1200.0	1500.0	2000.0	3000.0
360.0 /	33.96120 (203, 4)	34.28003 (203, 4)	30.51259 (203, 4)	23.47769 (224, 4)	26.18223 (219, 5)
350.0 /	25.64431 (203, 4)	25.67137 (203, 4)	26.67613 (224, 4)	26.10066 (212, 4)	27.72417 (91, 2)
340.0 /	16.64125 (249, 5)	22.12901 (212, 4)	28.89383 (212, 4)	30.13800 (212, 4)	26.51655 (212, 4)
330.0 /	19.77863 (205, 4)	24.65599 (205, 4)	26.53485 (223, 4)	29.16984 (125, 4)	37.98801 (125, 4)
320.0 /	19.45171 (138, 5)	21.43562 (138, 5)	23.21669 (223, 4)	21.05150 (151, 5)	21.40234 (80, 8)
310.0 /	16.64192 (138, 5)	19.73142 (163, 5)	23.47042 (163, 5)	22.38236 (144, 5)	29.48662 (146, 4)
300.0 /	16.95760 (177, 6)	24.18638 (177, 6)	30.08401 (177, 6)	30.66954 (177, 6)	25.05204 (177, 6)
290.0 /	18.86692 (218, 4)	21.85388 (218, 4)	22.81496 (263, 5)	21.66238 (163, 5)	25.58564 (145, 4)
280.0 /	18.82536 (109, 5)	21.04260 (109, 5)	19.87865 (218, 4)	18.98071 (163, 5)	22.44387 (145, 4)
270.0 /	26.65957 (244, 4)	33.11784 (244, 4)	31.04591 (244, 4)	24.15873 (244, 4)	25.52585 (228, 4)
260.0 /	37.64021 (244, 4)	45.47464 (244, 4)	42.79480 (244, 4)	35.25286 (244, 4)	25.93224 (244, 4)
250.0 /	32.35844 (244, 4)	38.88422 (244, 4)	36.31531 (244, 4)	29.05337 (244, 4)	24.29278 (31, 7)
240.0 /	20.29492 (169, 4)	26.35180 (169, 4)	28.04873 (169, 4)	27.50208 (169, 4)	30.66163 (142, 5)
230.0 /	19.62169 (249, 4)	22.25459 (169, 4)	24.18449 (236, 5)	26.29116 (236, 5)	25.49764 (236, 5)
220.0 /	19.37986 (136, 4)	23.49445 (237, 4)	24.84320 (237, 4)	24.70004 (237, 4)	24.21967 (237, 4)
210.0 /	18.84450 (170, 4)	21.14201 (170, 4)	18.43414 (170, 4)	18.44278 (226, 5)	23.12598 (226, 5)
200.0 /	17.87843 (170, 4)	20.07538 (170, 4)	21.27139 (246, 4)	18.52701 (246, 4)	21.56528 (266, 5)
190.0 /	19.69578 (172, 5)	22.42439 (172, 5)	23.94813 (168, 4)	22.47004 (168, 4)	24.75920 (122, 5)
180.0 /	19.11254 (99, 5)	23.84693 (168, 4)	30.47740 (168, 4)	27.62479 (168, 4)	34.32911 (354, 7)
170.0 /	20.51865 (189, 4)	26.86394 (189, 4)	30.28096 (168, 4)	26.90234 (168, 4)	24.77275 (355, 1)
160.0 /	19.09613 (189, 4)	26.30129 (189, 4)	26.31471 (189, 4)	23.86031 (112, 5)	31.47750 (262, 1)
150.0 /	25.43668 (167, 4)	33.00556 (167, 4)	32.82702 (167, 4)	26.80261 (167, 4)	23.44315 (112, 5)
140.0 /	29.68440 (167, 4)	39.30102 (167, 4)	40.40610 (167, 4)	35.39842 (167, 4)	28.24949 (167, 4)
130.0 /	22.17117 (167, 4)	31.04171 (167, 4)	33.16864 (167, 4)	30.13202 (167, 4)	27.27553 (167, 4)
120.0 /	19.55731 (251, 5)	25.52936 (185, 4)	31.88600 (185, 4)	32.52298 (185, 4)	35.44675 (319, 4)
110.0 /	20.72933 (190, 4)	27.86932 (190, 4)	26.52962 (190, 4)	21.72966 (190, 4)	25.46181 (23, 2)
100.0 /	19.63026 (190, 4)	26.47900 (190, 4)	25.20089 (190, 4)	20.41575 (190, 4)	25.04964 (42, 7)
90.0 /	20.36807 (166, 4)	26.52718 (166, 4)	25.61371 (166, 4)	24.09318 (79, 5)	25.75881 (79, 7)
80.0 /	21.25504 (192, 5)	24.90133 (192, 5)	21.93417 (166, 4)	17.86053 (241, 4)	21.54712 (171, 4)
70.0 /	23.12821 (192, 5)	28.91244 (192, 5)	30.04248 (252, 4)	29.81434 (252, 4)	30.99007 (252, 4)
60.0 /	21.75365 (252, 4)	30.62862 (252, 4)	33.61712 (252, 4)	36.02501 (252, 4)	41.38430 (252, 4)
50.0 /	20.58955 (192, 4)	29.54553 (191, 4)	29.79333 (191, 4)	26.77826 (198, 4)	27.16720 (198, 4)
40.0 /	21.04156 (192, 4)	29.54485 (191, 4)	29.78998 (191, 4)	24.79897 (191, 4)	29.48776 (159, 8)
30.0 /	19.41684 (166, 5)	29.97694 (166, 5)	31.46670 (166, 5)	26.26547 (166, 5)	26.24984 (131, 4)
20.0 /	23.51223 (103, 4)	35.50111 (103, 4)	33.83786 (103, 4)	28.48793 (103, 4)	27.39333 (152, 5)
10.0 /	18.14847 (103, 4)	28.43810 (103, 4)	27.19784 (103, 4)	23.17642 (89, 4)	29.78690 (258, 5)

*** SO2 IMPACT, FOUR STACKS AS ONE, 1981 MET DATA ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 60.01043 AND OCCURRED AT (11000.0, 160.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 4000.0	5000.0	6000.0	7000.0	8000.0
360.0 /	28.87757 (139, 2)	32.85283 (139, 2)	35.87151 (139, 2)	38.05692 (139, 2)	39.54962 (139, 2)
350.0 /	34.44149 (91, 2)	38.83876 (91, 2)	42.25378 (91, 2)	44.79557 (91, 2)	46.46251 (91, 2)
340.0 /	28.20238 (348, 7)	32.23481 (348, 7)	35.42160 (348, 7)	37.84153 (348, 7)	39.60075 (348, 7)
330.0 /	34.68260 (125, 4)	33.84545 (153, 4)	31.11524 (153, 4)	27.78007 (153, 4)	24.72433 (153, 4)
320.0 /	27.07813 (80, 8)	30.43702 (80, 8)	32.83817 (80, 8)	34.44418 (80, 8)	35.41670 (80, 8)
310.0 /	29.46268 (126, 8)	33.34167 (126, 8)	36.17114 (126, 8)	38.11851 (126, 8)	39.35560 (126, 8)
300.0 /	24.38637 (138, 7)	27.43478 (138, 7)	29.73315 (138, 7)	31.38821 (138, 7)	32.51181 (138, 7)
290.0 /	24.22492 (86, 7)	27.03276 (86, 7)	29.36106 (86, 7)	31.25171 (86, 7)	32.45658 (86, 7)
280.0 /	25.78931 (330, 7)	28.70917 (330, 7)	31.10084 (330, 7)	33.00513 (330, 7)	34.19604 (330, 7)
270.0 /	27.84167 (98, 7)	31.40699 (98, 7)	33.99027 (98, 7)	35.75151 (98, 7)	36.85303 (98, 7)
260.0 /	27.96686 (124, 7)	31.47198 (124, 7)	33.97367 (124, 7)	35.64607 (124, 7)	36.66084 (124, 7)
250.0 /	30.84221 (31, 7)	34.57356 (31, 7)	37.11240 (31, 7)	38.70020 (31, 7)	39.55805 (31, 7)
240.0 /	30.04884 (142, 5)	26.46226 (142, 5)	25.01721 (36, 7)	26.53214 (36, 7)	27.46890 (36, 7)
230.0 /	22.49582 (98, 1)	24.48176 (98, 1)	26.44257 (98, 1)	28.32122 (98, 1)	29.49369 (98, 1)
220.0 /	27.49226 (273, 8)	31.66996 (273, 8)	35.20350 (273, 8)	38.10050 (273, 8)	40.40859 (273, 8)
210.0 /	21.37797 (226, 5)	21.10871 (238, 1)	22.53535 (238, 1)	23.64307 (238, 1)	24.28247 (238, 1)
200.0 /	24.30232 (308, 1)	27.68574 (308, 1)	30.51535 (308, 1)	32.80107 (308, 1)	34.58679 (308, 1)
190.0 /	26.02847 (68, 2)	29.70322 (68, 2)	32.72254 (68, 2)	35.11715 (68, 2)	36.95084 (68, 2)
180.0 /	43.45770 (354, 7)	48.73527 (354, 7)	52.40269 (354, 7)	54.76310 (354, 7)	56.10362 (354, 7)
170.0 /	30.11905 (355, 1)	33.41136 (355, 1)	35.84543 (355, 1)	37.54819 (355, 1)	38.51249 (355, 1)
160.0 /	40.10244 (262, 1)	45.82887 (262, 1)	50.43066 (262, 1)	53.98968 (262, 1)	56.63432 (262, 1)
150.0 /	29.06985 (354, 1)	32.42719 (354, 1)	34.77775 (354, 1)	36.30220 (354, 1)	37.17581 (354, 1)
140.0 /	31.99343 (311, 2)	35.94127 (311, 2)	38.65176 (311, 2)	40.36977 (311, 2)	41.98428 (301, 2)
130.0 /	32.30499 (345, 1)	36.41634 (345, 1)	39.33378 (345, 1)	41.27079 (345, 1)	42.43512 (345, 1)
120.0 /	35.15647 (319, 4)	36.94663 (349, 8)	40.01741 (349, 8)	42.09953 (349, 8)	43.39273 (349, 8)
110.0 /	32.56615 (23, 2)	37.05997 (23, 2)	40.45641 (23, 2)	42.91110 (23, 2)	44.59190 (23, 2)
100.0 /	31.25984 (42, 7)	35.29333 (42, 7)	38.43711 (42, 7)	40.77748 (42, 7)	42.37991 (42, 7)
90.0 /	32.69864 (79, 7)	36.89375 (79, 7)	39.87926 (79, 7)	41.86058 (79, 7)	43.04478 (79, 7)
80.0 /	21.23676 (148, 5)	19.20062 (148, 5)	19.47205 (23, 8)	20.91789 (23, 8)	22.00940 (23, 8)
70.0 /	29.32599 (252, 4)	25.72079 (252, 4)	26.90073 (60, 8)	28.57624 (60, 8)	29.77819 (60, 8)
60.0 /	40.60023 (252, 4)	36.33037 (252, 4)	36.51041 (114, 7)	38.10965 (114, 7)	39.39161 (60, 7)
50.0 /	34.07884 (61, 2)	38.58862 (61, 2)	41.99608 (61, 2)	44.44429 (61, 2)	46.09821 (61, 2)
40.0 /	37.38649 (159, 8)	42.38726 (159, 8)	46.22794 (159, 8)	49.04218 (159, 8)	50.99152 (159, 8)
30.0 /	25.26320 (160, 1)	28.81932 (160, 1)	31.81444 (160, 1)	34.28451 (160, 1)	35.99282 (160, 1)
20.0 /	28.58270 (220, 4)	26.69574 (220, 4)	23.48528 (220, 4)	20.51530 (161, 2)	21.45959 (161, 2)
10.0 /	29.52466 (258, 5)	25.92465 (258, 5)	22.27536 (260, 8)	23.66052 (260, 8)	24.69263 (260, 8)

*** SO2 IMPACT, FOUR STACKS AS ONE, 1981 MET DATA ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 60.01043 AND OCCURRED AT (11000.0, 160.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 9000.0	10000.0	11000.0	12000.0	13000.0
360.0 /	40.48356 (139, 2)	41.42302 (359, 1)	42.08403 (359, 1)	42.54188 (359, 1)	42.83087 (359, 1)
350.0 /	47.53589 (91, 2)	48.13677 (91, 2)	48.09716 (91, 2)	47.83113 (91, 2)	47.39323 (91, 2)
340.0 /	40.80952 (348, 7)	41.56933 (348, 7)	41.67590 (348, 7)	41.55902 (348, 7)	41.26966 (348, 7)
330.0 /	22.52261 (15, 1)	23.23916 (15, 1)	23.56767 (15, 1)	23.75537 (15, 1)	23.86973 (172, 1)
320.0 /	35.89840 (80, 8)	36.00694 (80, 8)	35.61801 (80, 8)	35.07910 (80, 8)	34.43568 (80, 8)
310.0 /	40.03656 (126, 8)	40.29004 (126, 8)	39.97343 (126, 8)	39.47710 (126, 8)	38.85221 (126, 8)
300.0 /	33.20741 (138, 7)	33.56378 (138, 7)	33.43236 (138, 7)	33.22976 (215, 1)	33.18932 (215, 1)
290.0 /	33.34536 (86, 7)	33.97604 (86, 7)	34.27787 (86, 7)	34.43970 (86, 7)	34.49003 (86, 7)
280.0 /	35.04389 (330, 7)	35.61560 (330, 7)	35.83698 (330, 7)	35.91287 (330, 7)	35.87350 (330, 7)
270.0 /	37.43959 (98, 7)	37.63171 (98, 7)	37.29590 (98, 7)	37.27846 (88, 2)	37.15182 (88, 2)
260.0 /	37.16777 (124, 7)	37.28873 (124, 7)	36.90047 (124, 7)	36.35704 (124, 7)	35.70578 (124, 7)
250.0 /	39.86971 (31, 7)	39.78006 (31, 7)	39.18223 (31, 7)	38.43970 (31, 7)	37.60183 (31, 7)
240.0 /	28.13319 (36, 7)	28.58094 (36, 7)	28.75937 (36, 7)	28.82638 (36, 7)	28.80589 (36, 7)
230.0 /	30.55132 (98, 1)	31.49995 (98, 1)	32.34382 (98, 1)	33.08855 (98, 1)	33.74078 (98, 1)
220.0 /	42.19379 (273, 8)	43.52684 (273, 8)	44.12910 (273, 8)	44.47097 (273, 8)	44.59956 (273, 8)
210.0 /	24.69118 (238, 1)	24.91280 (238, 1)	24.87867 (238, 1)	24.74930 (238, 1)	24.54622 (238, 1)
200.0 /	35.93200 (308, 1)	36.89948 (308, 1)	37.25723 (308, 1)	37.40370 (308, 1)	37.37984 (308, 1)
190.0 /	38.30003 (68, 2)	39.24079 (68, 2)	39.54382 (68, 2)	39.62695 (68, 2)	39.53490 (68, 2)
180.0 /	56.66902 (354, 7)	56.65628 (354, 7)	55.89314 (354, 7)	54.91139 (354, 7)	53.78207 (354, 7)
170.0 /	39.01530 (355, 1)	39.16338 (355, 1)	38.84539 (355, 1)	38.37467 (355, 1)	37.79430 (355, 1)
160.0 /	58.50513 (262, 1)	59.73493 (262, 1)	60.01043 (262, 1)	59.95558 (262, 1)	59.64323 (262, 1)
150.0 /	37.55077 (354, 1)	37.55108 (354, 1)	37.05102 (354, 1)	36.40816 (354, 1)	35.66849 (354, 1)
140.0 /	43.89163 (301, 2)	45.33437 (301, 2)	46.02407 (301, 2)	46.44283 (301, 2)	46.64018 (301, 2)
130.0 /	43.00632 (345, 1)	43.13027 (345, 1)	42.67162 (345, 1)	42.03593 (345, 1)	41.27703 (345, 1)
120.0 /	44.07376 (349, 8)	44.28855 (349, 8)	43.88813 (349, 8)	43.29686 (349, 8)	42.57101 (349, 8)
110.0 /	45.65355 (23, 2)	46.22809 (23, 2)	46.12692 (23, 2)	45.80296 (23, 2)	45.31255 (23, 2)
100.0 /	43.42422 (42, 7)	44.01965 (42, 7)	43.97755 (42, 7)	43.71948 (42, 7)	43.29716 (42, 7)
90.0 /	43.61441 (79, 7)	43.71976 (79, 7)	43.22585 (79, 7)	42.54708 (79, 7)	41.74087 (79, 7)
80.0 /	22.79900 (23, 8)	23.33732 (23, 8)	23.49975 (23, 8)	23.53017 (23, 8)	23.45628 (23, 8)
70.0 /	30.58390 (60, 8)	31.06582 (60, 8)	31.06301 (60, 8)	30.90101 (60, 8)	30.61749 (60, 8)
60.0 /	40.74204 (60, 7)	41.64521 (60, 7)	41.87851 (60, 7)	41.87926 (60, 7)	41.69731 (60, 7)
50.0 /	47.11421 (61, 2)	47.62788 (61, 2)	47.44247 (61, 2)	47.03148 (61, 2)	46.45366 (61, 2)
40.0 /	52.23526 (159, 8)	52.91529 (159, 8)	52.79329 (159, 8)	52.40812 (159, 8)	51.82582 (159, 8)
30.0 /	37.30598 (160, 1)	38.29136 (160, 1)	38.85258 (160, 1)	39.22591 (160, 1)	39.44577 (160, 1)
20.0 /	22.09957 (161, 2)	22.69178 (198, 8)	23.03118 (198, 8)	23.37634C(169, 1)	23.63121C(169, 1)
10.0 /	25.41917 (260, 8)	25.88836 (260, 8)	25.94263 (260, 8)	25.86199 (260, 8)	25.67622 (260, 8)

*** SO2 IMPACT, FOUR STACKS AS ONE, 1981 MET DATA ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 43.29782 AND OCCURRED AT (10000.0, 180.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 200.0	300.0	400.0	600.0	800.0
360.0 /	11.34347 (189, 1)	11.22445 (189, 1)	11.06513 (189, 1)	12.17921 (168, 1)	11.59598 (168, 1)
350.0 /	10.54237 (168, 1)	8.79041 (152, 2)	8.77449 (91, 2)	9.84272 (91, 2)	11.14867 (91, 2)
340.0 /	10.23455 (210, 8)	8.29594 (210, 8)	6.78145 (210, 8)	6.66855 (108, 8)	6.11358 (91, 1)
330.0 /	11.29956 (108, 8)	10.80449 (108, 8)	10.34287 (108, 8)	9.81688 (108, 8)	9.69019 (108, 8)
320.0 /	10.05662 (224, 1)	8.56833 (164, 2)	7.87271 (222, 1)	6.95153 (156, 2)	7.25842 (138, 5)
310.0 /	11.95908 (15, 2)	11.08346 (15, 2)	10.13505 (15, 2)	10.32644 (94, 1)	9.62438 (108, 1)
300.0 /	11.37134 (206, 1)	10.71526 (206, 1)	10.13495 (236, 1)	9.87731 (206, 1)	10.04383 (206, 1)
290.0 /	10.23633 (138, 1)	9.85160 (138, 1)	9.07950C(182, 1)	8.56417C(182, 1)	7.99015C(182, 1)
280.0 /	10.13956 (347, 8)	9.21357 (347, 8)	9.44402 (88, 1)	8.79930 (101, 8)	8.77551 (215, 8)
270.0 /	9.91682 (357, 2)	9.96776 (357, 2)	10.19314 (222, 8)	9.36032 (222, 8)	9.56773 (209, 8)
260.0 /	9.37638 (102, 1)	9.09617 (222, 8)	8.55655 (313, 1)	8.47019 (102, 1)	9.49196 (313, 1)
250.0 /	8.85180 (207, 2)	9.15813 (265, 7)	8.88558 (265, 7)	8.67260 (265, 7)	10.09840 (48, 8)
240.0 /	9.23842 (100, 8)	8.64655 (154, 2)	7.86908 (71, 8)	7.47766 (273, 2)	7.92496 (36, 7)
230.0 /	9.48845 (272, 8)	9.26342C(250, 2)	9.41878C(183, 2)	10.01017C(183, 2)	10.63381C(183, 2)
220.0 /	11.87234 (29, 8)	11.51871 (143, 1)	10.72853 (143, 1)	9.83646 (356, 2)	10.28486 (356, 2)
210.0 /	10.85435 (311, 8)	10.56786 (311, 8)	9.87782 (238, 1)	9.73081 (311, 8)	9.46701 (311, 8)
200.0 /	12.04755 (278, 2)	10.60660 (278, 2)	9.12812 (278, 2)	8.08194C(100, 1)	8.16826 (308, 1)
190.0 /	10.87775 (279, 2)	10.12978 (279, 2)	9.82090 (255, 8)	9.93227 (255, 8)	10.02925 (255, 8)
180.0 /	10.04685 (296, 2)	10.23243 (237, 2)	10.16465 (237, 2)	9.87084 (237, 2)	9.69566 (130, 1)
170.0 /	10.82127 (339, 8)	9.75529 (339, 8)	9.67787 (286, 1)	9.55042 (355, 1)	10.16235 (286, 1)
160.0 /	10.14632 (29, 1)	9.70124 (318, 2)	9.51062C(247, 2)	10.30859 (262, 1)	10.86105 (318, 2)
150.0 /	9.11307 (9, 2)	9.56165 (142, 2)	9.22539 (142, 2)	8.84561 (142, 2)	8.92286 (142, 2)
140.0 /	7.90933 (70, 1)	7.77896 (70, 1)	7.58717 (70, 1)	7.61078 (301, 2)	8.85354 (167, 4)
130.0 /	7.86616 (69, 8)	7.00233 (69, 8)	6.27408 (69, 8)	5.71554 (26, 3)	7.06881 (173, 4)
120.0 /	9.41450 (26, 3)	8.38074 (289, 2)	8.65012 (66, 1)	8.26848 (13, 8)	8.79839 (13, 8)
110.0 /	8.34021 (84, 2)	7.91001 (326, 8)	8.05342C(84, 1)	8.23133 (115, 1)	8.70340 (115, 1)
100.0 /	9.98012 (243, 2)	9.21296 (27, 1)	9.44711 (27, 1)	9.77841 (325, 8)	10.56918 (27, 1)
90.0 /	10.13750 (325, 8)	9.45811 (130, 8)	8.96887 (243, 2)	8.30722 (95, 8)	8.74300 (22, 7)
80.0 /	12.40444 (19, 2)	11.22774 (19, 2)	10.10998 (19, 2)	8.56215 (19, 2)	8.87054 (132, 2)
70.0 /	12.05941 (19, 2)	10.63195 (19, 2)	9.34067 (19, 2)	7.67968 (19, 2)	7.22772 (319, 8)
60.0 /	12.97161 (1, 1)	13.04592 (1, 1)	12.75398 (167, 2)	12.05400 (167, 2)	11.90535 (167, 2)
50.0 /	9.71894 (1, 1)	8.57992 (291, 7)	8.44003 (291, 7)	8.11959 (291, 7)	7.92583 (361, 8)
40.0 /	7.85900 (250, 8)	7.62079 (250, 8)	7.05959 (231, 8)	7.23337 (231, 8)	7.98252 (231, 8)
30.0 /	7.34701 (54, 8)	6.74670 (160, 1)	6.59921 (160, 1)	5.46601C(342, 1)	7.03171 (192, 4)
20.0 /	8.92507 (252, 2)	8.13268 (196, 8)	7.18576 (196, 8)	6.31543 (114, 2)	6.70468 (158, 4)
10.0 /	10.44181 (211, 2)	9.30414 (211, 2)	8.23736 (211, 2)	8.04837 (147, 8)	8.02368 (147, 8)

*** SO2 IMPACT, FOUR STACKS AS ONE, 1981 MET DATA ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 43.29782 AND OCCURRED AT (10000.0, 180.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 1000.0	1200.0	1500.0	2000.0	3000.0
360.0 /	18.46731 (190, 4)	26.06199 (224, 4)	27.87732 (224, 4)	22.93776 (203, 4)	24.38011 (205, 5)
350.0 /	19.59384 (215, 5)	24.87728 (224, 4)	22.80502 (212, 4)	22.21235 (224, 4)	26.42006 (212, 4)
340.0 /	15.07716 (215, 5)	20.97504 (205, 4)	24.26426 (205, 4)	22.75953 (205, 4)	24.95035 (126, 4)
330.0 /	13.61702 (223, 4)	23.89008 (223, 4)	24.50201 (205, 4)	23.74311 (213, 5)	28.40598 (153, 4)
320.0 /	17.42825 (205, 4)	21.40329 (205, 4)	20.58727 (205, 4)	19.20184 (223, 4)	20.50179 (144, 4)
310.0 /	12.06283 (163, 5)	18.56917 (138, 5)	16.78439 (144, 5)	22.30666 (163, 5)	23.89791 (224, 5)
300.0 /	12.28826 (163, 5)	20.37948 (163, 5)	24.90963 (163, 5)	24.39878 (163, 5)	24.53909 (165, 5)
290.0 /	12.52808 (263, 5)	20.15248 (263, 5)	21.44766 (163, 5)	20.80306 (145, 4)	20.28507 (86, 7)
280.0 /	17.94855 (218, 4)	20.97407 (218, 4)	19.36019 (191, 4)	17.72450 (145, 4)	21.69666 (330, 7)
270.0 /	19.56447 (191, 4)	24.11353 (225, 4)	25.23588 (225, 4)	20.40300 (225, 4)	23.97669 (167, 5)
260.0 /	23.57383 (224, 4)	31.60911 (224, 4)	30.09921 (225, 4)	25.96425 (176, 5)	24.24511 (176, 5)
250.0 /	22.65467 (176, 5)	30.04890 (224, 4)	28.61282 (176, 5)	23.64634 (176, 5)	23.04416 (270, 5)
240.0 /	16.88089 (176, 5)	21.31043 (166, 4)	24.14209 (166, 4)	23.38754 (226, 4)	28.24678 (123, 5)
230.0 /	19.60356 (188, 4)	21.94003 (249, 4)	22.84997 (169, 4)	20.51079 (142, 5)	24.05221 (142, 5)
220.0 /	19.10134 (237, 4)	22.71984 (136, 4)	21.37034 (136, 4)	20.64225 (236, 5)	21.52923 (273, 8)
210.0 /	14.11261 (136, 4)	16.80362 (136, 4)	16.93050 (178, 4)	15.59122 (250, 6)	17.71204 (266, 5)
200.0 /	13.66483 (172, 5)	19.02642 (246, 4)	17.28353 (170, 4)	15.61261 (266, 5)	19.36055 (308, 1)
190.0 /	13.18880 (99, 5)	18.83431 (236, 4)	21.38566 (236, 4)	19.31234 (172, 5)	20.58543 (68, 2)
180.0 /	16.73712 (172, 5)	22.74641 (236, 4)	25.58606 (236, 4)	24.04211 (354, 7)	24.20827 (11, 1)
170.0 /	19.22414 (193, 4)	24.98819 (168, 4)	26.11997 (189, 4)	21.48679 (189, 4)	22.34753 (195, 5)
160.0 /	17.90804 (172, 4)	20.00450 (172, 4)	22.20085 (168, 4)	22.67856 (262, 1)	28.25498 (319, 5)
150.0 /	19.52771 (251, 4)	22.78934 (189, 4)	24.23783 (189, 4)	20.86607 (112, 5)	23.22854 (354, 1)
140.0 /	19.29526 (113, 5)	22.54792 (189, 4)	25.14934 (189, 4)	20.68473 (189, 4)	25.13075 (311, 2)
130.0 /	19.41427 (173, 4)	24.03354 (173, 4)	25.99458 (185, 4)	24.94976 (185, 4)	25.36235 (345, 1)
120.0 /	19.26748 (109, 4)	21.76343 (251, 5)	18.47830 (251, 5)	22.46558 (319, 4)	30.20454 (185, 4)
110.0 /	17.89501 (174, 5)	20.53601 (174, 5)	22.60730 (185, 4)	20.31415 (185, 4)	17.42322 (120, 5)
100.0 /	18.99579 (174, 5)	22.03087 (174, 5)	20.80772 (174, 5)	18.50443 (42, 7)	22.74109 (324, 7)
90.0 /	19.63026 (173, 5)	21.60400 (173, 5)	19.66335 (79, 5)	21.17449 (166, 4)	24.41525 (110, 4)
80.0 /	17.33543 (166, 4)	22.74061 (166, 4)	20.45521 (192, 5)	17.55249 (166, 4)	20.74214 (148, 5)
70.0 /	20.46861 (252, 4)	28.54659 (252, 4)	24.33075 (192, 5)	22.37254 (241, 4)	26.05043 (241, 4)
60.0 /	21.14434 (192, 4)	26.63518 (192, 5)	23.79244 (192, 4)	25.25269 (195, 4)	27.67107 (195, 4)
50.0 /	19.50723 (219, 4)	24.68196 (192, 4)	25.13802 (219, 4)	24.80620 (191, 4)	26.84201 (61, 2)
40.0 /	17.50657 (191, 4)	24.26450 (192, 4)	25.76363 (166, 5)	21.54276 (166, 5)	20.92700 (75, 1)
30.0 /	19.18159 (192, 4)	28.43810 (103, 4)	27.19784 (103, 4)	23.47120 (159, 4)	25.55575 (159, 4)
20.0 /	18.34157 (158, 4)	28.00152 (166, 5)	28.89310 (166, 5)	25.01812 (152, 5)	26.36950 (220, 4)
10.0 /	13.03834 (144, 4)	23.32725 (144, 4)	25.81236 (144, 4)	22.22148 (219, 5)	29.16003 (219, 5)

*** SO2 IMPACT, FOUR STACKS AS ONE, 1981 MET DATA ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 43.29782 AND OCCURRED AT (10000.0, 180.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 4000.0	5000.0	6000.0	7000.0	8000.0
360.0 /	27.61612 (359, 1)	31.23993 (359, 1)	34.37743 (359, 1)	37.02673 (359, 1)	38.86470 (359, 1)
350.0 /	24.59891 (258, 7)	27.98145 (258, 7)	30.70503 (258, 7)	32.81891 (258, 7)	34.39718 (258, 7)
340.0 /	23.69157 (126, 4)	22.39031 (89, 1)	24.17119 (89, 1)	25.41049 (89, 1)	26.20961 (89, 1)
330.0 /	33.96460 (153, 4)	29.38970 (125, 4)	24.97824 (125, 4)	21.68064 (125, 4)	21.69810 (156, 8)
320.0 /	21.55375 (175, 4)	23.58611 (164, 2)	25.86447 (164, 2)	27.80294 (164, 2)	29.14039 (164, 2)
310.0 /	29.26346 (146, 4)	25.82821 (146, 4)	27.95730 (155, 1)	29.92917 (155, 1)	31.47046 (146, 1)
300.0 /	23.90535 (93, 8)	26.66541 (93, 8)	28.59286 (93, 8)	29.83614 (93, 8)	30.83038 (215, 1)
290.0 /	22.10129 (145, 4)	18.90847 (107, 7)	20.46109 (93, 7)	21.61059 (93, 7)	22.36060 (93, 7)
280.0 /	22.37341 (296, 7)	25.38594 (296, 7)	27.82339 (296, 7)	29.71835 (296, 7)	31.13176 (296, 7)
270.0 /	25.51505 (228, 4)	28.19878 (88, 2)	31.01799 (88, 2)	33.23985 (88, 2)	34.92799 (88, 2)
260.0 /	23.63331 (192, 6)	24.81743 (73, 7)	27.14658 (73, 7)	28.99899 (73, 7)	30.29219 (73, 7)
250.0 /	26.74277 (270, 5)	26.50562 (133, 7)	28.82875 (133, 7)	30.62311 (133, 7)	31.73229 (133, 7)
240.0 /	28.79182 (123, 5)	25.79731 (123, 5)	22.49015 (142, 5)	21.22320 (180, 7)	22.37405 (180, 7)
230.0 /	21.57304 (142, 5)	24.42467 (340, 6)	26.17363 (340, 6)	27.13047 (340, 6)	27.62027 (340, 6)
220.0 /	21.90568 (237, 4)	24.14785 (272, 3)	26.67074 (272, 3)	28.35155 (272, 3)	29.42703 (272, 3)
210.0 /	19.35927 (238, 1)	18.82245 (279, 3)	20.39834 (279, 3)	21.52700 (279, 3)	22.34528 (279, 3)
200.0 /	22.90477 (237, 8)	25.74822 (237, 8)	27.88629 (237, 8)	29.40787 (237, 8)	30.41560 (237, 8)
190.0 /	24.15363 (36, 4)	24.67490 (36, 4)	25.34306 (288, 7)	26.87053 (40, 2)	27.93480 (40, 2)
180.0 /	30.96600 (329, 1)	35.19670 (329, 1)	38.34331 (329, 1)	40.56448 (329, 1)	42.03033 (329, 1)
170.0 /	28.09757 (286, 2)	31.66059 (286, 2)	34.28022 (286, 2)	36.09610 (286, 2)	37.25851 (286, 2)
160.0 /	31.33953 (319, 5)	31.35448 (5, 2)	34.22039 (5, 2)	36.31000 (5, 2)	37.74908 (5, 2)
150.0 /	24.74619 (354, 2)	27.56385 (17, 8)	29.95157 (17, 8)	31.78033 (17, 8)	32.89244 (17, 8)
140.0 /	28.44978 (301, 2)	32.80527 (301, 2)	36.49975 (301, 2)	39.54277 (301, 2)	41.32307 (311, 2)
130.0 /	25.68576 (167, 4)	23.67354 (167, 4)	24.05422 (11, 7)	25.08819 (11, 7)	25.68083 (11, 7)
120.0 /	32.69058 (349, 8)	30.66267 (319, 4)	29.97487 (66, 1)	31.56651 (66, 1)	32.54851 (66, 1)
110.0 /	20.19734 (52, 7)	22.38941 (52, 7)	23.87627 (52, 7)	24.85683 (55, 7)	25.45724 (55, 7)
100.0 /	28.57473 (324, 7)	31.93073 (324, 7)	34.23484 (324, 7)	35.68682 (324, 7)	36.47573 (324, 7)
90.0 /	27.32511 (22, 7)	30.34801 (22, 7)	32.47235 (22, 7)	33.85411 (22, 7)	34.64681 (22, 7)
80.0 /	19.55559 (171, 4)	18.21957 (39, 7)	19.21236 (321, 8)	20.65874 (321, 8)	21.75133 (321, 8)
70.0 /	24.10717 (241, 4)	24.67933 (60, 8)	22.11653 (252, 4)	23.17322 (114, 8)	24.03514 (114, 8)
60.0 /	30.28273 (114, 7)	33.97855 (114, 7)	34.97829 (60, 7)	37.50223 (60, 7)	38.98996 (114, 7)
50.0 /	25.34644 (77, 6)	26.46464 (55, 1)	28.63167 (55, 1)	30.15857 (55, 1)	31.15526 (55, 1)
40.0 /	26.51884 (75, 1)	29.95298 (75, 1)	32.50608 (75, 1)	34.30259 (75, 1)	35.47795 (75, 1)
30.0 /	24.39953 (131, 4)	21.97302 (131, 3)	23.11935 (131, 3)	22.85460 (131, 3)	21.85588 (131, 3)
20.0 /	22.04432 (152, 5)	19.41888 (258, 4)	19.20230 (161, 2)	20.51377 (160, 2)	21.45845 (160, 2)
10.0 /	27.22612 (219, 5)	22.98925 (219, 5)	21.90500 (258, 5)	20.58148 (232, 2)	21.70226 (232, 2)

*** SO2 IMPACT, FOUR STACKS AS ONE, 1981 MET DATA ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 43.29782 AND OCCURRED AT (10000.0, 180.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 9000.0	10000.0	11000.0	12000.0	13000.0
360.0 /	40.31123 (359, 1)	40.97557 (139, 2)	40.85485 (139, 2)	40.53187 (139, 2)	40.05830 (139, 2)
350.0 /	35.52093 (258, 7)	36.26744 (258, 7)	36.43585 (258, 7)	36.40871 (258, 7)	36.22823 (258, 7)
340.0 /	26.66000 (89, 1)	26.83887 (89, 1)	26.64309 (89, 1)	26.32924 (89, 1)	25.92967 (89, 1)
330.0 /	22.41805 (155, 7)	23.15497 (155, 7)	23.49893 (155, 7)	23.69948 (155, 7)	23.82862 (15, 1)
320.0 /	30.20533 (164, 2)	31.03854 (164, 2)	31.56230 (164, 2)	31.94698 (164, 2)	32.21632 (164, 2)
310.0 /	32.77924 (146, 1)	33.80636 (146, 1)	34.42527 (146, 1)	34.86710 (146, 1)	35.16008 (146, 1)
300.0 /	31.99627 (215, 1)	32.82765 (215, 1)	33.12165 (215, 1)	33.14511 (138, 7)	32.74186 (138, 7)
290.0 /	22.79344 (93, 7)	22.97896 (93, 7)	22.93105C(236, 3)	23.30449C(236, 3)	23.56076C(236, 3)
280.0 /	32.13400 (296, 7)	32.79369 (296, 7)	32.92801 (296, 7)	32.88449 (296, 7)	32.70188 (296, 7)
270.0 /	36.15676 (88, 2)	36.99960 (88, 2)	37.24199 (88, 2)	36.79685 (98, 7)	36.18204 (98, 7)
260.0 /	31.23717 (73, 7)	31.89385 (73, 7)	32.14179 (73, 7)	32.23242 (73, 7)	32.19778 (73, 7)
250.0 /	32.49182 (133, 7)	33.14081 (277, 7)	33.49787 (277, 7)	33.70380 (277, 7)	33.78782 (277, 7)
240.0 /	23.23278 (180, 7)	23.84436 (180, 7)	24.07015 (180, 7)	24.15968 (180, 7)	24.14036 (180, 7)
230.0 /	28.22079 (255, 7)	28.74343 (255, 7)	28.97597 (255, 7)	29.08487 (255, 7)	29.09503 (255, 7)
220.0 /	30.05785 (272, 3)	30.35439 (272, 3)	30.23379 (272, 3)	29.95627 (272, 3)	29.56964 (272, 3)
210.0 /	22.94329 (279, 3)	23.37660 (279, 3)	23.52647 (97, 3)	23.94153 (238, 2)	24.36728 (238, 2)
200.0 /	31.00867 (237, 8)	31.27431 (237, 8)	31.07522 (237, 8)	30.72987 (237, 8)	30.27781 (237, 8)
190.0 /	28.71009 (40, 2)	29.25031 (40, 2)	29.49354 (40, 2)	29.60794 (40, 2)	29.75331 (279, 2)
180.0 /	42.89717 (329, 1)	43.29782 (329, 1)	43.06990 (329, 1)	42.63778 (329, 1)	42.05648 (329, 1)
170.0 /	37.90524 (286, 2)	38.15212 (286, 2)	37.85735 (286, 2)	37.39243 (286, 2)	36.80598 (286, 2)
160.0 /	38.65980 (5, 2)	39.14922 (5, 2)	39.04937 (5, 2)	38.75384 (5, 2)	38.31278 (5, 2)
150.0 /	33.64117 (17, 8)	34.10595 (17, 8)	34.23009 (17, 8)	34.21387 (17, 8)	34.08926 (17, 8)
140.0 /	41.70195 (311, 2)	41.65625 (311, 2)	41.07525 (311, 2)	40.33767 (311, 2)	39.49606 (311, 2)
130.0 /	25.93404 (11, 7)	25.93132 (11, 7)	25.58102 (11, 7)	25.13306 (11, 7)	24.61904 (11, 7)
120.0 /	33.15411 (66, 1)	33.46054 (66, 1)	33.35679 (66, 1)	33.11114 (66, 1)	32.75891 (66, 1)
110.0 /	25.72070 (55, 7)	26.14761 (28, 7)	26.49513 (28, 7)	26.73690 (28, 7)	26.89231 (28, 7)
100.0 /	36.76272 (324, 7)	36.67733 (324, 7)	36.11241 (324, 7)	35.41011 (324, 7)	34.61732 (324, 7)
90.0 /	34.98571 (22, 7)	34.98202 (22, 7)	34.51011 (22, 7)	33.90744 (22, 7)	33.21624 (22, 7)
80.0 /	22.54289 (321, 8)	23.08404 (321, 8)	23.25171 (321, 8)	23.28775 (321, 8)	23.21967 (321, 8)
70.0 /	24.57529 (114, 8)	24.85962 (114, 8)	24.77670 (114, 8)	24.57706 (114, 8)	24.29053 (114, 8)
60.0 /	39.33007 (114, 7)	39.27159 (114, 7)	38.70624 (114, 7)	37.99492 (114, 7)	37.18654 (114, 7)
50.0 /	31.77428 (361, 8)	32.70737 (361, 8)	33.10391 (361, 8)	33.31926 (361, 8)	33.38642 (361, 8)
40.0 /	36.15849 (75, 1)	36.52042 (231, 8)	36.74128 (231, 8)	36.75858 (231, 8)	36.61505 (231, 8)
30.0 /	21.92427 (189, 3)	22.77169 (189, 3)	23.23898 (189, 3)	23.57473 (189, 3)	23.81883 (135, 2)
20.0 /	22.09868 (160, 2)	22.69178 (260, 3)	23.03118 (260, 3)	23.37634 (251, 3)	23.63121 (251, 3)
10.0 /	22.52964 (232, 2)	23.10865 (232, 2)	23.30849 (232, 2)	23.37194 (232, 2)	23.32655 (232, 2)

*** SO2 IMPACT, FOUR STACKS AS ONE, 1981 MET DATA ***

* 50 MAXIMUM 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM ALL SOURCES *

RANK	CON.	PER.	DAY	X OR RANGE (METERS)	Y(METERS) OR DIRECTION (DEGREES)	RANK	CON.	PER.	DAY	X OR RANGE (METERS)	Y(METERS) OR DIRECTION (DEGREES)
1	60.01043	1	262	11000.0	160.0	26	48.09716	2	91	11000.0	350.0
2	59.95558	1	262	12000.0	160.0	27	47.83113	2	91	12000.0	350.0
3	59.73493	1	262	10000.0	160.0	28	47.62788	2	61	10000.0	50.0
4	59.64323	1	262	13000.0	160.0	29	47.53589	2	91	9000.0	350.0
5	58.50513	1	262	9000.0	160.0	30	47.44247	2	61	11000.0	50.0
6	56.66902	7	354	9000.0	180.0	31	47.39323	2	91	13000.0	350.0
7	56.65628	7	354	10000.0	180.0	32	47.11421	2	61	9000.0	50.0
8	56.63432	1	262	8000.0	160.0	33	47.03148	2	61	12000.0	50.0
9	56.10362	7	354	8000.0	180.0	34	46.64018	2	301	13000.0	140.0
10	55.89314	7	354	11000.0	180.0	35	46.46251	2	91	8000.0	350.0
11	54.91139	7	354	12000.0	180.0	36	46.45366	2	61	13000.0	50.0
12	54.76310	7	354	7000.0	180.0	37	46.44283	2	301	12000.0	140.0
13	53.98968	1	262	7000.0	160.0	38	46.22809	2	23	10000.0	110.0
14	53.78207	7	354	13000.0	180.0	39	46.22794	8	159	6000.0	40.0
15	52.91529	8	159	10000.0	40.0	40	46.12692	2	23	11000.0	110.0
16	52.79329	8	159	11000.0	40.0	41	46.09821	2	61	8000.0	50.0
17	52.40812	8	159	12000.0	40.0	42	46.02407	2	301	11000.0	140.0
18	52.40269	7	354	6000.0	180.0	43	45.82887	1	262	5000.0	160.0
19	52.23526	8	159	9000.0	40.0	44	45.80296	2	23	12000.0	110.0
20	51.82582	8	159	13000.0	40.0	45	45.65355	2	23	9000.0	110.0
21	50.99152	8	159	8000.0	40.0	46	45.47464	4	244	1200.0	260.0
22	50.43066	1	262	6000.0	160.0	47	45.33437	2	301	10000.0	140.0
23	49.04218	8	159	7000.0	40.0	48	45.31255	2	23	13000.0	110.0
24	48.73527	7	354	5000.0	180.0	49	44.79557	2	91	7000.0	350.0
25	48.13677	2	91	10000.0	350.0	50	44.59956	8	273	13000.0	220.0

*** SO2 IMPACT, FOUR STACKS AS ONE, 1981 MET DATA ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 11.67592 AND OCCURRED AT (5000.0, 300.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 200.0	300.0	400.0	600.0	800.0
360.0 /	3.19099C(258, 1)	2.95347C(258, 1)	2.50765 (359, 1)	2.59096 (359, 1)	3.78449 (203, 1)
350.0 /	3.20073C(210, 1)	2.83408 (335, 1)	2.85530 (335, 1)	2.74454 (335, 1)	3.50822 (203, 1)
340.0 /	3.18814C(210, 1)	2.55910C(357, 1)	2.11910C(357, 1)	1.68114C(200, 1)	1.65448C(348, 1)
330.0 /	3.48289C(357, 1)	3.33039C(357, 1)	3.07737C(357, 1)	2.85734C(357, 1)	2.95617C(205, 1)
320.0 /	2.97058C(357, 1)	2.30822C(357, 1)	2.17967C(14, 1)	2.10866C(14, 1)	2.29008C(205, 1)
310.0 /	2.77727 (188, 1)	2.56803 (298, 1)	2.55032 (188, 1)	2.31864 (188, 1)	2.27168 (298, 1)
300.0 /	2.59841 (188, 1)	2.41812C(145, 1)	2.82234C(145, 1)	2.99020C(145, 1)	3.08894C(145, 1)
290.0 /	2.81463C(182, 1)	2.69973C(182, 1)	2.59992C(182, 1)	2.48959C(182, 1)	2.39902C(182, 1)
280.0 /	2.72616C(182, 1)	2.27772C(87, 1)	1.99472C(87, 1)	1.83281C(101, 1)	1.80614C(101, 1)
270.0 /	3.09434C(87, 1)	2.88677C(207, 1)	2.63561C(207, 1)	2.35567C(207, 1)	2.25801C(207, 1)
260.0 /	3.07982C(207, 1)	3.02436C(207, 1)	2.52747C(207, 1)	1.99704C(49, 1)	2.07601C(49, 1)
250.0 /	2.45894C(207, 1)	2.68505 (48, 1)	2.76564 (48, 1)	2.63718 (48, 1)	2.64492 (48, 1)
240.0 /	3.09762 (273, 1)	3.07416 (273, 1)	2.71728 (273, 1)	2.31745 (273, 1)	2.10985 (273, 1)
230.0 /	2.87794 (273, 1)	2.97034 (273, 1)	2.66012C(282, 1)	2.25523C(282, 1)	2.07218C(282, 1)
220.0 /	3.56019 (269, 1)	3.37284 (269, 1)	2.92922 (269, 1)	2.48462 (269, 1)	2.28721 (269, 1)
210.0 /	3.42409 (269, 1)	2.98541 (269, 1)	2.68816 (238, 1)	2.59503 (238, 1)	2.61431 (238, 1)
200.0 /	2.97958C(100, 1)	3.11923C(100, 1)	3.12192C(100, 1)	3.11411C(100, 1)	3.09122C(100, 1)
190.0 /	3.02935 (255, 1)	2.60823 (271, 1)	2.16708C(278, 1)	2.10348C(278, 1)	2.09046C(278, 1)
180.0 /	3.18097 (255, 1)	2.73908 (255, 1)	2.60364 (329, 1)	2.58272 (329, 1)	2.64426 (329, 1)
170.0 /	2.99682C(266, 1)	2.64225 (29, 1)	2.42245 (6, 1)	2.26068 (6, 1)	2.30140 (286, 1)
160.0 /	2.58915 (29, 1)	2.55697 (29, 1)	2.37870 (318, 1)	2.35328 (262, 1)	2.56451 (262, 1)
150.0 /	2.71102 (16, 1)	2.06045 (16, 1)	1.64845 (16, 1)	1.62662 (354, 1)	1.88431 (354, 1)
140.0 /	2.86213 (16, 1)	2.34503C(26, 1)	2.01956C(26, 1)	1.69573C(327, 1)	1.68181C(327, 1)
130.0 /	3.30003C(26, 1)	3.14780C(26, 1)	2.65466C(26, 1)	2.13528C(26, 1)	2.08343 (16, 1)
120.0 /	3.16168C(26, 1)	2.99125C(26, 1)	2.62343C(26, 1)	2.25995C(26, 1)	2.07030C(26, 1)
110.0 /	2.30887C(84, 1)	2.15471C(84, 1)	2.12193C(28, 1)	1.98112C(28, 1)	2.07552C(28, 1)
100.0 /	2.66788C(322, 1)	2.38693C(322, 1)	2.34521C(120, 1)	2.53654C(120, 1)	2.59710C(120, 1)
90.0 /	3.31628 (19, 1)	2.65319C(322, 1)	2.57522 (51, 1)	2.28280 (51, 1)	2.15275 (51, 1)
80.0 /	3.61899 (19, 1)	2.82181 (19, 1)	2.26658 (19, 1)	1.77916 (51, 1)	1.73381 (51, 1)
70.0 /	3.19679 (19, 1)	2.56067C(1, 1)	2.11538C(1, 1)	1.74545 (60, 1)	1.72621 (192, 1)
60.0 /	2.82288C(1, 1)	2.70436C(1, 1)	2.58362C(1, 1)	2.49480C(1, 1)	2.50745C(1, 1)
50.0 /	2.81008 (167, 1)	2.45455 (167, 1)	2.29568C(291, 1)	2.19169C(291, 1)	2.16596C(291, 1)
40.0 /	2.41058 (167, 1)	2.05786C(159, 1)	2.01256C(159, 1)	2.03978C(159, 1)	2.21705C(159, 1)
30.0 /	2.27945C(251, 1)	2.13213C(27, 1)	1.73942C(251, 1)	1.62840C(251, 1)	1.63502C(251, 1)
20.0 /	2.98849C(27, 1)	3.22482C(27, 1)	2.81111C(27, 1)	2.33448C(27, 1)	2.16777C(27, 1)
10.0 /	3.05095C(27, 1)	3.16871C(27, 1)	2.92941C(27, 1)	2.72180C(27, 1)	2.70085C(27, 1)

*** SO2 IMPACT, FOUR STACKS AS ONE, 1981 MET DATA ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 11.67592 AND OCCURRED AT (5000.0, 300.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 1000.0	1200.0	1500.0	2000.0	3000.0
360.0 /	4.45368 (203, 1)	4.48052 (203, 1)	4.19715C(144, 1)	5.93658C(258, 1)	8.10862C(258, 1)
350.0 /	4.08420 (203, 1)	4.15985 (203, 1)	5.52198C(205, 1)	6.63027C(205, 1)	7.40318C(212, 1)
340.0 /	2.49714C(205, 1)	3.39314C(212, 1)	4.53890C(212, 1)	5.06520 (157, 1)	6.32319 (157, 1)
330.0 /	4.71495C(205, 1)	5.41931C(205, 1)	5.50633C(205, 1)	5.20777C(205, 1)	6.18350C(125, 1)
320.0 /	3.83946C(205, 1)	4.44885C(205, 1)	4.60139C(205, 1)	4.83785C(144, 1)	5.90558C(144, 1)
310.0 /	2.96247 (163, 1)	4.11006 (163, 1)	5.12266 (163, 1)	5.63965 (163, 1)	7.05079 (146, 1)
300.0 /	3.36497C(145, 1)	3.96968C(145, 1)	5.72725C(145, 1)	7.91500C(145, 1)	10.50783C(145, 1)
290.0 /	2.90708C(218, 1)	3.23961C(218, 1)	3.59035 (163, 1)	5.76346C(145, 1)	7.61522C(145, 1)
280.0 /	2.98020C(191, 1)	3.50238C(191, 1)	3.45044C(191, 1)	4.14445C(87, 1)	5.46916C(153, 1)
270.0 /	4.01137C(244, 1)	4.91453C(244, 1)	4.75982C(244, 1)	5.14708C(207, 1)	6.74950C(207, 1)
260.0 /	4.91655C(244, 1)	5.93487C(244, 1)	5.58452C(244, 1)	5.54685C(124, 1)	7.73223C(124, 1)
250.0 /	4.57007C(244, 1)	5.35035C(244, 1)	5.23537C(176, 1)	5.56806C(169, 1)	6.38537C(279, 1)
240.0 /	3.32923C(169, 1)	4.62424C(169, 1)	5.71208C(169, 1)	6.54919C(169, 1)	6.94569C(169, 1)
230.0 /	3.05899 (249, 1)	3.93142 (237, 1)	4.90991 (237, 1)	5.42276 (237, 1)	6.33444 (142, 1)
220.0 /	3.87853C(170, 1)	4.47061C(170, 1)	4.24656 (237, 1)	4.69106 (237, 1)	5.14978 (294, 1)
210.0 /	3.74384C(170, 1)	4.27083C(170, 1)	3.64277C(170, 1)	3.25136 (238, 1)	4.47036C(274, 1)
200.0 /	3.06372C(100, 1)	3.07028C(170, 1)	3.00816C(100, 1)	3.11118C(100, 1)	3.75814 (237, 1)
190.0 /	3.18475C(172, 1)	3.93408C(246, 1)	4.24212C(246, 1)	4.15566C(105, 1)	5.08460C(105, 1)
180.0 /	3.86885C(172, 1)	4.41013C(172, 1)	3.80968 (168, 1)	4.76413 (354, 1)	7.02346 (71, 1)
170.0 /	3.67311C(172, 1)	4.17275C(172, 1)	3.78512 (168, 1)	3.97358 (286, 1)	5.14373 (286, 1)
160.0 /	2.95681 (262, 1)	3.48665 (262, 1)	4.56418 (262, 1)	6.03102 (262, 1)	7.83296 (262, 1)
150.0 /	3.18183 (167, 1)	4.14078 (167, 1)	4.18336 (167, 1)	3.86116 (354, 1)	5.38771 (354, 1)
140.0 /	3.71102 (167, 1)	4.91575 (167, 1)	5.06654 (167, 1)	5.46511 (311, 1)	7.80203 (311, 1)
130.0 /	3.02988C(251, 1)	3.88031 (167, 1)	4.46341C(185, 1)	4.53775C(185, 1)	5.21513C(26, 1)
120.0 /	3.26903C(109, 1)	3.96915C(185, 1)	4.97009C(185, 1)	5.12537C(185, 1)	6.79579C(13, 1)
110.0 /	2.96556C(190, 1)	3.99810C(190, 1)	3.83659C(190, 1)	3.60553C(110, 1)	5.11195C(110, 1)
100.0 /	2.83915C(190, 1)	3.91439C(190, 1)	5.21079C(110, 1)	7.56702C(110, 1)	9.90884C(110, 1)
90.0 /	3.05718C(166, 1)	3.99280C(166, 1)	4.32614 (79, 1)	5.47962 (79, 1)	6.27638 (79, 1)
80.0 /	4.00892 (192, 1)	4.79235 (192, 1)	4.21422 (192, 1)	4.69369C(241, 1)	5.18974C(241, 1)
70.0 /	5.23448 (192, 1)	6.42416 (192, 1)	5.71076 (192, 1)	4.83034C(241, 1)	5.78633C(241, 1)
60.0 /	5.16420 (192, 1)	6.56629 (192, 1)	5.89907 (192, 1)	5.63569C(219, 1)	6.34189C(219, 1)
50.0 /	4.91913 (192, 1)	6.28146 (192, 1)	5.80759 (192, 1)	5.49385C(219, 1)	7.36796C(291, 1)
40.0 /	3.61570 (192, 1)	4.57023 (192, 1)	5.14710C(159, 1)	7.20517C(159, 1)	9.35350C(159, 1)
30.0 /	2.91253C(166, 1)	4.49654C(166, 1)	4.72001C(166, 1)	4.72825 (131, 1)	6.76333 (131, 1)
20.0 /	3.28731C(103, 1)	4.88827C(103, 1)	4.75583 (158, 1)	5.58611 (158, 1)	6.26468 (220, 1)
10.0 /	3.03262C(103, 1)	4.37773C(103, 1)	4.15819C(103, 1)	5.35870C(239, 1)	7.15587C(239, 1)

*** SO2 IMPACT, FOUR STACKS AS ONE, 1981 MET DATA ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 11.67592 AND OCCURRED AT (5000.0, 300.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 4000.0	5000.0	6000.0	7000.0	8000.0
360.0 /	8.88802C(258, 1)	9.04585C(258, 1)	8.99677C(258, 1)	9.57050 (359, 1)	10.02581 (359, 1)
350.0 /	7.46617C(212, 1)	7.85283C(258, 1)	8.20157C(258, 1)	8.38961C(258, 1)	8.62087 (335, 1)
340.0 /	6.65540C(348, 1)	7.59312C(348, 1)	8.31320C(348, 1)	8.84018C(348, 1)	9.20482C(348, 1)
330.0 /	6.38901C(153, 1)	6.40301C(153, 1)	5.96127C(153, 1)	5.96312C(357, 1)	6.22229C(357, 1)
320.0 /	6.15146C(80, 1)	6.40650C(80, 1)	6.51136C(80, 1)	6.53115C(80, 1)	6.49515C(80, 1)
310.0 /	7.73577 (146, 1)	7.82648 (146, 1)	7.75649 (146, 1)	7.65874 (146, 1)	7.54046 (146, 1)
300.0 /	11.49572C(145, 1)	11.67592C(145, 1)	11.67343C(145, 1)	11.61135C(145, 1)	11.48886C(145, 1)
290.0 /	7.50083C(145, 1)	6.77855C(145, 1)	6.07287C(145, 1)	5.72399 (93, 1)	5.81274 (93, 1)
280.0 /	6.35091C(153, 1)	6.75206C(153, 1)	6.99723C(153, 1)	7.12893C(153, 1)	7.16765C(153, 1)
270.0 /	7.28536C(207, 1)	7.21648C(207, 1)	6.97116C(207, 1)	7.27060 (98, 1)	7.54251 (98, 1)
260.0 /	9.27335C(124, 1)	10.03278C(124, 1)	10.46209C(124, 1)	10.68575C(124, 1)	10.75719C(124, 1)
250.0 /	6.97211C(116, 1)	7.18290C(116, 1)	7.22589C(116, 1)	7.18771C(116, 1)	7.34440C(264, 1)
240.0 /	6.39105 (180, 1)	6.66501 (295, 1)	6.67494 (295, 1)	6.55651 (295, 1)	6.38584 (295, 1)
230.0 /	6.60828C(274, 1)	6.78031C(274, 1)	6.63139C(274, 1)	6.36034C(274, 1)	6.05352C(274, 1)
220.0 /	6.40193 (294, 1)	7.22119 (294, 1)	7.77608 (294, 1)	8.12478 (294, 1)	8.30616 (294, 1)
210.0 /	5.04212C(274, 1)	5.18158C(274, 1)	5.20040 (238, 1)	5.51925 (238, 1)	5.71052 (238, 1)
200.0 /	4.51684 (237, 1)	4.98822 (237, 1)	5.35323 (237, 1)	5.61803 (237, 1)	5.79614 (237, 1)
190.0 /	5.46149 (292, 1)	5.82318 (292, 1)	5.93212 (292, 1)	5.92112 (292, 1)	6.13000C(68, 1)
180.0 /	8.41248 (354, 1)	9.45765 (354, 1)	10.20952 (354, 1)	10.71585 (354, 1)	11.02537 (354, 1)
170.0 /	6.12781 (286, 1)	6.78169 (286, 1)	7.26930 (286, 1)	7.61267 (286, 1)	7.79739 (286, 1)
160.0 /	9.24170 (262, 1)	10.07742 (262, 1)	10.69155 (262, 1)	11.11946 (262, 1)	11.39490 (262, 1)
150.0 /	6.72718 (354, 1)	7.47126 (354, 1)	7.97288 (354, 1)	8.28073 (354, 1)	8.43948 (354, 1)
140.0 /	9.13179 (311, 1)	9.57941 (311, 1)	9.67070 (311, 1)	9.56224 (311, 1)	9.34858 (311, 1)
130.0 /	6.40709C(26, 1)	6.93094C(26, 1)	7.15403C(26, 1)	7.22602C(26, 1)	7.20978C(26, 1)
120.0 /	7.26758C(13, 1)	7.09761C(13, 1)	6.80388C(13, 1)	6.52952C(13, 1)	6.25110C(13, 1)
110.0 /	6.27341 (21, 1)	6.91269 (21, 1)	7.27147 (21, 1)	7.59739C(28, 1)	7.87832C(28, 1)
100.0 /	10.51463C(110, 1)	10.24724C(110, 1)	9.81145C(110, 1)	9.38759C(110, 1)	9.02050C(110, 1)
90.0 /	7.28048 (22, 1)	7.91693 (22, 1)	8.26721 (22, 1)	8.43200 (22, 1)	8.47367 (22, 1)
80.0 /	4.96901C(241, 1)	4.73141C(241, 1)	5.06600 (78, 1)	5.25671 (78, 1)	5.34017 (78, 1)
70.0 /	5.81231C(241, 1)	5.70224C(241, 1)	6.09404 (60, 1)	6.48890 (60, 1)	6.77539 (60, 1)
60.0 /	6.05933C(219, 1)	6.80815 (60, 1)	7.46586 (60, 1)	7.97112 (60, 1)	8.34030 (60, 1)
50.0 /	8.59880C(291, 1)	9.04548C(291, 1)	9.05075C(291, 1)	8.88448C(291, 1)	8.87203 (61, 1)
40.0 /	10.34170C(159, 1)	10.71556C(159, 1)	10.93857C(159, 1)	11.07045C(159, 1)	11.09214C(159, 1)
30.0 /	7.17764 (131, 1)	6.91149 (131, 1)	6.39826 (131, 1)	5.81747 (131, 1)	5.25253 (131, 1)
20.0 /	6.70501 (220, 1)	6.22498 (220, 1)	5.46037 (220, 1)	5.06143C(159, 1)	5.14552C(27, 1)
10.0 /	7.03737C(239, 1)	6.36836C(239, 1)	5.80474C(239, 1)	5.43033C(239, 1)	5.57662C(27, 1)

*** SO2 IMPACT, FOUR STACKS AS ONE, 1981 MET DATA ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 11.67592 AND OCCURRED AT (5000.0, 300.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 9000.0	10000.0	11000.0	12000.0	13000.0
360.0 /	10.37102 (359, 1)	10.62196 (359, 1)	10.73005 (359, 1)	10.78370 (359, 1)	10.79347 (359, 1)
350.0 /	8.80684 (335, 1)	8.91802 (335, 1)	8.92704 (335, 1)	8.89973 (335, 1)	8.84480 (335, 1)
340.0 /	9.43755C(348, 1)	9.56538C(348, 1)	9.54772C(348, 1)	9.48106C(348, 1)	9.37781C(348, 1)
330.0 /	6.44910C(357, 1)	6.64629C(357, 1)	6.80401C(357, 1)	6.93921C(357, 1)	7.05431C(357, 1)
320.0 /	6.41979C(80, 1)	6.31596C(80, 1)	6.15756C(80, 1)	5.99361C(80, 1)	5.82738C(80, 1)
310.0 /	7.43858 (146, 1)	7.34977 (146, 1)	7.23686 (146, 1)	7.13281 (146, 1)	7.03446 (146, 1)
300.0 /	11.34867C(145, 1)	11.19423C(145, 1)	10.97568C(145, 1)	10.75654C(145, 1)	10.53687C(145, 1)
290.0 /	5.82783 (93, 1)	5.79185 (93, 1)	5.68985 (93, 1)	5.57003 (93, 1)	5.44161C(86, 1)
280.0 /	7.13249C(153, 1)	7.04966C(313, 1)	7.08858C(313, 1)	7.09546C(313, 1)	7.07685C(313, 1)
270.0 /	7.71282 (98, 1)	7.80222 (98, 1)	7.78466 (98, 1)	7.72825 (98, 1)	7.64297 (98, 1)
260.0 /	10.73863C(124, 1)	10.65670C(124, 1)	10.47636C(124, 1)	10.27678C(124, 1)	10.06537C(124, 1)
250.0 /	7.59295C(264, 1)	7.76371C(264, 1)	7.81065C(264, 1)	7.81615C(264, 1)	7.78881C(264, 1)
240.0 /	6.20307 (273, 1)	6.16766 (273, 1)	6.08619 (273, 1)	5.99357 (273, 1)	5.98103C(224, 1)
230.0 /	5.95354 (40, 1)	5.95910 (40, 1)	5.89884 (40, 1)	5.82135 (40, 1)	5.73831 (123, 1)
220.0 /	8.38587 (294, 1)	8.39596 (294, 1)	8.31498 (294, 1)	8.20833 (294, 1)	8.08432 (294, 1)
210.0 /	5.85933 (238, 1)	5.97213 (238, 1)	6.04111 (238, 1)	6.08759 (238, 1)	6.11525 (238, 1)
200.0 /	5.90267 (237, 1)	5.95167 (237, 1)	5.91467 (237, 1)	5.85153 (237, 1)	5.76904 (237, 1)
190.0 /	6.32253C(68, 1)	6.44897C(68, 1)	6.47285C(68, 1)	6.46254C(68, 1)	6.42552C(68, 1)
180.0 /	11.18155 (354, 1)	11.22057 (354, 1)	11.10462 (354, 1)	10.94068 (354, 1)	10.74314 (354, 1)
170.0 /	7.89235 (286, 1)	7.91881 (286, 1)	7.86016 (286, 1)	7.77172 (286, 1)	7.66195 (286, 1)
160.0 /	11.54901 (262, 1)	11.60788 (262, 1)	11.51997 (262, 1)	11.39005 (262, 1)	11.22917 (262, 1)
150.0 /	8.48652 (354, 1)	8.45152 (354, 1)	8.30926 (354, 1)	8.13826 (354, 1)	7.94873 (354, 1)
140.0 /	9.08364 (311, 1)	8.79679 (311, 1)	8.46704 (311, 1)	8.14978 (311, 1)	7.84714 (311, 1)
130.0 /	7.13736C(26, 1)	7.02704C(26, 1)	6.85929C(26, 1)	6.68368C(26, 1)	6.50604C(26, 1)
120.0 /	6.04142C(283, 1)	5.93713C(283, 1)	5.78557C(283, 1)	5.65655 (349, 1)	5.55026 (349, 1)
110.0 /	8.06661C(28, 1)	8.18124C(28, 1)	8.19814C(28, 1)	8.17916C(28, 1)	8.13279C(28, 1)
100.0 /	8.71052C(110, 1)	8.44557C(110, 1)	8.16562C(110, 1)	7.91610C(110, 1)	7.68930C(110, 1)
90.0 /	8.43192 (22, 1)	8.33321 (22, 1)	8.14903 (22, 1)	7.95064 (22, 1)	7.74485 (22, 1)
80.0 /	5.34733 (78, 1)	5.30159 (78, 1)	5.37370 (23, 1)	5.43489 (23, 1)	5.47445 (23, 1)
70.0 /	6.97034 (60, 1)	7.08997 (60, 1)	7.09761 (60, 1)	7.06735 (60, 1)	7.00811 (60, 1)
60.0 /	8.59601 (60, 1)	8.75807 (60, 1)	8.78316 (60, 1)	8.76061 (60, 1)	8.70130 (60, 1)
50.0 /	9.04252 (61, 1)	9.12090 (61, 1)	9.06974 (61, 1)	8.97838 (61, 1)	8.85774 (61, 1)
40.0 /	11.05812C(159, 1)	10.98117C(159, 1)	10.82537C(159, 1)	10.65676C(159, 1)	10.48014C(159, 1)
30.0 /	5.20621 (160, 1)	5.24844 (160, 1)	5.25330 (160, 1)	5.24690 (160, 1)	5.23086 (160, 1)
20.0 /	5.29451C(27, 1)	5.40121C(27, 1)	5.44582C(27, 1)	5.46746C(27, 1)	5.47073C(27, 1)
10.0 /	5.78845C(27, 1)	5.96265C(27, 1)	6.06382C(27, 1)	6.14043C(27, 1)	6.19605C(27, 1)

*** SO2 IMPACT, FOUR STACKS AS ONE, 1981 MET DATA ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 9.67854 AND OCCURRED AT (8000.0, 300.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 200.0	300.0	400.0	600.0	800.0
360.0 /	2.86119C(252, 1)	2.56377 (335, 1)	2.50506C(258, 1)	2.17319 (203, 1)	2.76335 (359, 1)
350.0 /	3.01236 (259, 1)	2.63193C(210, 1)	2.27647C(210, 1)	2.17241 (203, 1)	2.83339 (335, 1)
340.0 /	2.80536C(357, 1)	2.45206C(210, 1)	1.98984C(210, 1)	1.61635C(357, 1)	1.57650C(200, 1)
330.0 /	2.75094C(210, 1)	2.45191C(205, 1)	2.22625C(205, 1)	2.02556C(205, 1)	2.85962C(357, 1)
320.0 /	2.40731C(200, 1)	2.29331C(14, 1)	1.98518C(300, 1)	1.80358C(300, 1)	2.11219C(14, 1)
310.0 /	2.49864C(169, 1)	2.56565 (188, 1)	2.54432 (298, 1)	2.29836 (298, 1)	2.23750 (188, 1)
300.0 /	2.55112C(290, 1)	2.36277C(290, 1)	2.31343 (138, 1)	2.13938C(170, 1)	2.31532C(170, 1)
290.0 /	2.35900 (138, 1)	2.29234 (138, 1)	2.20268 (138, 1)	1.93632 (138, 1)	1.83832C(86, 1)
280.0 /	2.65765C(87, 1)	2.25843C(182, 1)	1.87420C(101, 1)	1.67541C(87, 1)	1.69767C(153, 1)
270.0 /	2.78803C(207, 1)	2.80957C(87, 1)	2.53252C(87, 1)	2.17994C(87, 1)	2.03935C(87, 1)
260.0 /	2.47713C(87, 1)	2.37682C(264, 1)	2.15780C(264, 1)	1.92574C(207, 1)	1.98864C(124, 1)
250.0 /	2.45894C(117, 1)	2.67843C(264, 1)	2.34047C(264, 1)	2.10720C(264, 1)	2.13232C(264, 1)
240.0 /	2.45059 (98, 1)	2.34794C(264, 1)	1.99453 (48, 1)	1.67956 (48, 1)	1.64345C(224, 1)
230.0 /	2.84357 (98, 1)	2.74754C(282, 1)	2.49262 (273, 1)	1.90616 (273, 1)	1.83324 (98, 1)
220.0 /	2.90038 (227, 1)	2.62742 (227, 1)	2.46836C(143, 1)	2.24710 (228, 1)	2.16353 (228, 1)
210.0 /	2.86705 (227, 1)	2.82828 (238, 1)	2.33400 (269, 1)	1.77152 (306, 1)	1.85620 (249, 1)
200.0 /	2.70139 (271, 1)	2.73849 (271, 1)	2.37287 (271, 1)	1.93778 (271, 1)	1.90483 (270, 1)
190.0 /	2.87714 (271, 1)	2.43505 (270, 1)	2.16172 (270, 1)	1.84295 (263, 1)	1.85504 (263, 1)
180.0 /	2.72329C(245, 1)	2.68697C(267, 1)	2.55927C(267, 1)	2.08105 (9, 1)	2.23251C(15, 1)
170.0 /	2.76850 (29, 1)	2.63149C(266, 1)	2.40902 (29, 1)	2.16398 (339, 1)	2.20385 (6, 1)
160.0 /	2.44278C(266, 1)	2.53239 (318, 1)	2.25256 (29, 1)	2.25176 (318, 1)	2.26518 (318, 1)
150.0 /	2.05008C(327, 1)	1.76834 (70, 1)	1.58579 (70, 1)	1.46609 (339, 1)	1.44379 (339, 1)
140.0 /	2.53126C(26, 1)	2.07334C(327, 1)	1.88716C(327, 1)	1.63976C(26, 1)	1.65715C(113, 1)
130.0 /	2.58738 (16, 1)	2.13103 (16, 1)	2.04586 (16, 1)	2.06060 (16, 1)	1.93871C(26, 1)
120.0 /	2.62977C(326, 1)	2.29190C(326, 1)	1.92137C(326, 1)	1.36150 (343, 1)	1.41536C(109, 1)
110.0 /	2.19377C(26, 1)	2.03455C(28, 1)	1.94087C(84, 1)	1.75447C(280, 1)	1.66772 (55, 1)
100.0 /	2.30571 (19, 1)	2.16379C(110, 1)	2.06172C(110, 1)	1.95499C(110, 1)	1.98474C(110, 1)
90.0 /	2.95720C(322, 1)	2.64869 (19, 1)	2.34542 (19, 1)	2.13103 (19, 1)	2.04242 (19, 1)
80.0 /	2.72375C(53, 1)	2.01520C(53, 1)	1.91420 (51, 1)	1.60199C(1, 1)	1.59195 (132, 1)
70.0 /	2.92343C(53, 1)	2.38186 (19, 1)	2.02507 (319, 1)	1.65883 (319, 1)	1.71985 (60, 1)
60.0 /	2.75113C(53, 1)	2.40359 (60, 1)	2.20835 (60, 1)	2.02006 (60, 1)	2.04273 (60, 1)
50.0 /	2.37273C(291, 1)	2.39409C(291, 1)	2.10145 (167, 1)	1.79680 (61, 1)	2.06984C(219, 1)
40.0 /	2.17173C(251, 1)	1.97252C(291, 1)	1.66818C(291, 1)	1.48944C(149, 1)	1.67852C(149, 1)
30.0 /	2.24667C(27, 1)	1.92117 (201, 1)	1.63934 (201, 1)	1.31248 (201, 1)	1.13134 (201, 1)
20.0 /	2.34795C(252, 1)	1.93818C(260, 1)	1.41967C(260, 1)	1.35379C(159, 1)	1.57935 (192, 1)
10.0 /	2.78882C(258, 1)	2.74646C(260, 1)	2.52405C(260, 1)	2.28512C(260, 1)	2.19507C(260, 1)

*** SO2 IMPACT, FOUR STACKS AS ONE, 1981 MET DATA ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 9.67854 AND OCCURRED AT (8000.0, 300.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 1000.0	1200.0	1500.0	2000.0	3000.0
360.0 /	3.02217C(190, 1)	3.83061C(144, 1)	4.17198 (203, 1)	5.34796 (157, 1)	6.09014 (157, 1)
350.0 /	3.03197 (335, 1)	4.01368C(205, 1)	5.04738C(212, 1)	6.31563C(212, 1)	6.86248C(205, 1)
340.0 /	2.43391C(190, 1)	3.28765C(205, 1)	3.74664C(205, 1)	4.82987C(212, 1)	5.35961 (126, 1)
330.0 /	2.94511C(357, 1)	3.38161C(223, 1)	3.99345C(223, 1)	4.73394C(125, 1)	5.35185C(153, 1)
320.0 /	2.58108 (138, 1)	3.74124C(223, 1)	4.46906C(223, 1)	4.71436C(151, 1)	5.39220C(80, 1)
310.0 /	2.57765 (138, 1)	2.86654 (138, 1)	3.76587C(144, 1)	5.33169C(144, 1)	5.92557C(144, 1)
300.0 /	2.76255 (138, 1)	3.71376 (163, 1)	5.13614C(144, 1)	6.67426C(144, 1)	7.66848C(144, 1)
290.0 /	2.31696C(182, 1)	2.68123 (163, 1)	3.54793C(145, 1)	3.81583 (163, 1)	4.43100C(86, 1)
280.0 /	2.97454C(109, 1)	3.33671C(109, 1)	3.36156C(225, 1)	4.13068C(145, 1)	5.42866C(145, 1)
270.0 /	2.89351C(191, 1)	3.99344C(225, 1)	4.68074C(225, 1)	4.56114C(225, 1)	5.31503C(104, 1)
260.0 /	3.91773C(224, 1)	5.01370C(224, 1)	5.05584C(225, 1)	4.66695C(223, 1)	5.86028 (123, 1)
250.0 /	3.80666C(176, 1)	5.12103C(176, 1)	4.95543C(244, 1)	4.81186C(176, 1)	6.26883C(116, 1)
240.0 /	3.11900C(244, 1)	3.99726C(178, 1)	4.48399C(178, 1)	4.42372 (180, 1)	5.81743 (180, 1)
230.0 /	2.98423C(170, 1)	3.71108C(178, 1)	4.01497C(169, 1)	5.23095 (142, 1)	5.64921C(274, 1)
220.0 /	2.68240C(136, 1)	3.43400 (237, 1)	3.97960C(170, 1)	3.73058 (294, 1)	4.87907 (237, 1)
210.0 /	2.68334 (238, 1)	2.87666C(246, 1)	3.24365C(246, 1)	3.22161C(274, 1)	3.88990 (238, 1)
200.0 /	2.67267C(170, 1)	3.02127C(100, 1)	2.91490C(246, 1)	3.04927 (237, 1)	3.57055 (302, 1)
190.0 /	3.03184C(246, 1)	3.69629C(172, 1)	3.23902C(172, 1)	3.93930C(246, 1)	4.99032 (122, 1)
180.0 /	2.79734 (329, 1)	3.10238C(236, 1)	3.63689C(172, 1)	4.60622 (71, 1)	6.68309 (354, 1)
170.0 /	2.67635C(189, 1)	3.50399C(189, 1)	3.44376C(172, 1)	3.92088C(245, 1)	4.95027C(245, 1)
160.0 /	2.68439C(172, 1)	3.43061C(189, 1)	3.43241C(189, 1)	3.55662 (318, 1)	4.97148 (319, 1)
150.0 /	2.82028C(251, 1)	3.33765C(251, 1)	3.16584C(189, 1)	3.72292 (112, 1)	4.79874 (311, 1)
140.0 /	3.70669C(113, 1)	4.05807C(113, 1)	3.68753 (311, 1)	4.44756 (167, 1)	4.65026 (18, 1)
130.0 /	2.77141 (167, 1)	3.56192C(185, 1)	4.14653 (167, 1)	3.94774C(189, 1)	4.61765 (141, 1)
120.0 /	2.86096C(251, 1)	3.54477C(109, 1)	3.27738C(173, 1)	4.55300C(13, 1)	5.80961 (319, 1)
110.0 /	2.60441C(109, 1)	3.06594C(173, 1)	3.61027C(185, 1)	3.56127C(28, 1)	5.05732 (21, 1)
100.0 /	2.72729C(120, 1)	3.24328C(173, 1)	3.96657C(190, 1)	4.33630C(242, 1)	5.26856C(242, 1)
90.0 /	2.71656C(173, 1)	3.02474C(173, 1)	3.91905C(166, 1)	4.68512C(110, 1)	5.95644 (22, 1)
80.0 /	2.60158C(166, 1)	3.41805C(166, 1)	3.47435C(241, 1)	3.26794 (192, 1)	3.77274C(171, 1)
70.0 /	2.79117C(252, 1)	3.89272C(252, 1)	4.09670C(252, 1)	4.43307 (192, 1)	5.23541 (148, 1)
60.0 /	3.31201C(219, 1)	4.17696C(252, 1)	4.94490C(219, 1)	4.91251C(252, 1)	5.64331C(252, 1)
50.0 /	3.99196C(219, 1)	4.80228C(219, 1)	5.28059C(219, 1)	5.11225C(291, 1)	5.71307 (198, 1)
40.0 /	2.66930C(159, 1)	4.03857C(191, 1)	4.13978 (192, 1)	4.67229 (202, 1)	5.48459 (202, 1)
30.0 /	2.74713 (192, 1)	3.87792C(103, 1)	3.70880C(103, 1)	4.30505 (202, 1)	4.82633 (202, 1)
20.0 /	3.04043 (158, 1)	4.20181C(166, 1)	4.63679C(103, 1)	4.43462C(152, 1)	5.86665 (158, 1)
10.0 /	2.78063C(166, 1)	3.82982C(166, 1)	3.92603C(166, 1)	4.98722C(152, 1)	6.39507C(258, 1)

*** SO2 IMPACT, FOUR STACKS AS ONE, 1981 MET DATA ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 9.67854 AND OCCURRED AT (8000.0, 300.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 4000.0	5000.0	6000.0	7000.0	8000.0
360.0 /	7.28912 (359, 1)	8.18364 (359, 1)	8.94464 (359, 1)	8.91944C(258, 1)	8.75772C(258, 1)
350.0 /	7.22743C(258, 1)	7.33131 (335, 1)	7.90279 (335, 1)	8.34140 (335, 1)	8.45327C(258, 1)
340.0 /	6.60461 (157, 1)	6.53954 (157, 1)	6.44851 (157, 1)	6.38544 (157, 1)	6.31388 (157, 1)
330.0 /	5.69944C(125, 1)	5.15983C(357, 1)	5.57571C(357, 1)	5.78003C(300, 1)	6.09582C(300, 1)
320.0 /	5.65794C(334, 1)	5.76704C(334, 1)	5.74986C(334, 1)	5.69487C(334, 1)	5.64580 (41, 1)
310.0 /	6.11014C(213, 1)	6.33642 (298, 1)	6.44924 (298, 1)	6.46516 (298, 1)	6.60360 (94, 1)
300.0 /	8.54442C(215, 1)	8.79678C(215, 1)	9.16267 (88, 1)	9.53847 (88, 1)	9.67854 (88, 1)
290.0 /	4.94229C(143, 1)	5.20038C(143, 1)	5.52702 (93, 1)	5.48908C(145, 1)	5.40639C(86, 1)
280.0 /	5.72666C(87, 1)	5.70996C(87, 1)	6.05194C(313, 1)	6.43811C(313, 1)	6.71556C(313, 1)
270.0 /	5.85040C(104, 1)	6.29661 (98, 1)	6.85691 (98, 1)	6.69956C(207, 1)	6.41502C(207, 1)
260.0 /	7.08861 (123, 1)	7.63489 (123, 1)	7.92047 (123, 1)	8.05211 (123, 1)	8.08614 (123, 1)
250.0 /	6.76219C(279, 1)	6.47032 (305, 1)	6.73272 (305, 1)	7.00343C(264, 1)	7.08268C(116, 1)
240.0 /	6.36625 (295, 1)	6.49732 (180, 1)	6.43593 (180, 1)	6.30527 (180, 1)	6.20856 (273, 1)
230.0 /	6.29214C(278, 1)	6.62711C(278, 1)	6.56039C(278, 1)	6.32694C(278, 1)	6.01072C(278, 1)
220.0 /	5.89808 (122, 1)	6.53637 (217, 1)	6.98602 (217, 1)	7.22332 (217, 1)	7.32070 (217, 1)
210.0 /	4.40887 (238, 1)	4.82889 (238, 1)	5.18056C(274, 1)	5.12358C(274, 1)	5.04681C(274, 1)
200.0 /	4.21285 (302, 1)	4.44519 (302, 1)	4.64159 (303, 1)	4.84843 (303, 1)	4.95170 (303, 1)
190.0 /	5.33921C(105, 1)	5.40762C(105, 1)	5.61615 (288, 1)	5.91915 (288, 1)	6.10335 (288, 1)
180.0 /	8.15329 (71, 1)	8.33212 (71, 1)	8.22022 (71, 1)	8.51213 (329, 1)	8.74253 (329, 1)
170.0 /	5.64900 (5, 1)	6.26985 (5, 1)	6.73616 (5, 1)	7.06692 (5, 1)	7.26746 (5, 1)
160.0 /	5.60420 (319, 1)	6.03256 (318, 1)	6.39038 (318, 1)	6.63015 (318, 1)	6.76627 (5, 1)
150.0 /	5.69044 (311, 1)	6.03019 (311, 1)	6.10904 (311, 1)	6.34373 (353, 1)	6.51151 (353, 1)
140.0 /	5.57236 (18, 1)	6.01846C(345, 1)	6.43743 (353, 1)	6.75637 (353, 1)	6.92637 (353, 1)
130.0 /	5.25981 (76, 1)	5.64163C(345, 1)	5.95745C(345, 1)	6.13073C(345, 1)	6.20549C(345, 1)
120.0 /	6.14744 (319, 1)	5.89420C(283, 1)	6.10611C(283, 1)	6.15673C(283, 1)	6.12164C(283, 1)
110.0 /	5.87009C(28, 1)	6.59321C(28, 1)	7.16303C(28, 1)	7.44897 (21, 1)	7.51242 (21, 1)
100.0 /	5.46592C(242, 1)	5.89212 (51, 1)	6.32248 (51, 1)	6.61222 (51, 1)	6.78467 (51, 1)
90.0 /	6.68016 (79, 1)	6.80777 (79, 1)	6.87677 (79, 1)	6.88915 (79, 1)	6.85042 (79, 1)
80.0 /	4.28810 (203, 1)	4.72963 (78, 1)	4.79548 (203, 1)	4.90779 (203, 1)	4.95941 (203, 1)
70.0 /	5.22233 (197, 1)	5.57615 (60, 1)	5.63673C(241, 1)	5.62433 (114, 1)	5.86622 (114, 1)
60.0 /	5.98916 (60, 1)	5.37415C(219, 1)	5.58508 (114, 1)	5.81572 (114, 1)	5.93853 (114, 1)
50.0 /	6.69615 (61, 1)	7.52704 (61, 1)	8.14613 (61, 1)	8.58343 (61, 1)	8.60338C(291, 1)
40.0 /	6.02486C(291, 1)	6.22369C(291, 1)	6.28075C(149, 1)	6.78912C(149, 1)	7.16793C(149, 1)
30.0 /	4.39941 (160, 1)	4.69314 (160, 1)	4.89699 (160, 1)	5.05428 (160, 1)	5.14284 (160, 1)
20.0 /	5.30218 (158, 1)	4.86739C(159, 1)	4.99306C(159, 1)	4.94591C(27, 1)	5.06958C(159, 1)
10.0 /	6.55755 (220, 1)	6.11067 (220, 1)	5.59858C(219, 1)	5.32391C(27, 1)	5.19417C(239, 1)

*** SO2 IMPACT, FOUR STACKS AS ONE, 1981 MET DATA ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 9.67854 AND OCCURRED AT (8000.0, 300.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 9000.0	10000.0	11000.0	12000.0	13000.0
360.0 /	8.63714C(258, 1)	8.55252C(258, 1)	8.49082C(258, 1)	8.44786C(258, 1)	8.41707C(258, 1)
350.0 /	8.46224C(258, 1)	8.43686C(258, 1)	8.34899C(258, 1)	8.25205C(258, 1)	8.14943C(258, 1)
340.0 /	6.26030 (157, 1)	6.21353 (157, 1)	6.14579 (157, 1)	6.07842 (157, 1)	6.00942 (157, 1)
330.0 /	6.33324C(300, 1)	6.50435C(300, 1)	6.56991C(300, 1)	6.59900C(300, 1)	6.59870C(300, 1)
320.0 /	5.66746 (41, 1)	5.62841 (41, 1)	5.51923 (41, 1)	5.38888 (41, 1)	5.24568 (41, 1)
310.0 /	6.74356 (94, 1)	6.82300 (94, 1)	6.82435 (94, 1)	6.79436 (94, 1)	6.74052 (94, 1)
300.0 /	9.65583 (88, 1)	9.52586 (88, 1)	9.28675 (88, 1)	9.01859 (88, 1)	8.73694 (88, 1)
290.0 /	5.45639C(86, 1)	5.48732C(86, 1)	5.48215C(86, 1)	5.46643C(86, 1)	5.43871 (93, 1)
280.0 /	6.91328C(313, 1)	7.04137C(153, 1)	6.87151C(153, 1)	6.68400C(153, 1)	6.48660C(153, 1)
270.0 /	6.16682C(207, 1)	5.95289C(207, 1)	5.77586 (209, 1)	5.95242 (209, 1)	6.11184 (209, 1)
260.0 /	8.05433 (123, 1)	7.97638 (123, 1)	7.82012 (123, 1)	7.65161 (123, 1)	7.47593 (123, 1)
250.0 /	6.96002C(116, 1)	6.83210C(116, 1)	6.67984C(116, 1)	6.53565C(116, 1)	6.39946C(116, 1)
240.0 /	6.19652 (295, 1)	6.00295 (295, 1)	5.88193C(224, 1)	5.94418C(224, 1)	5.89357 (273, 1)
230.0 /	5.74597C(274, 1)	5.73705 (123, 1)	5.74792 (123, 1)	5.74804 (123, 1)	5.73181 (40, 1)
220.0 /	7.32521 (217, 1)	7.27000 (217, 1)	7.13986 (217, 1)	6.99486 (217, 1)	6.88741 (273, 1)
210.0 /	4.96310C(274, 1)	4.87589C(274, 1)	4.83638 (305, 1)	4.86886 (305, 1)	4.88360 (305, 1)
200.0 /	4.97933 (303, 1)	5.01140 (308, 1)	5.05957 (308, 1)	5.07847 (308, 1)	5.07390 (308, 1)
190.0 /	6.19398 (288, 1)	6.21305 (288, 1)	6.14370 (288, 1)	6.04464 (288, 1)	5.92533 (288, 1)
180.0 /	8.85967 (329, 1)	8.89048 (329, 1)	8.80189 (329, 1)	8.67819 (329, 1)	8.52962 (329, 1)
170.0 /	7.37943 (5, 1)	7.42225 (5, 1)	7.37217 (5, 1)	7.29132 (5, 1)	7.18823 (5, 1)
160.0 /	6.86075 (5, 1)	6.88645 (5, 1)	6.81552 (5, 1)	6.76895 (318, 1)	6.72843 (318, 1)
150.0 /	6.58235 (353, 1)	6.58134 (353, 1)	6.49387 (353, 1)	6.37825 (353, 1)	6.24394 (353, 1)
140.0 /	6.99275 (353, 1)	6.98600 (353, 1)	6.89376 (353, 1)	6.77221 (353, 1)	6.63081 (353, 1)
130.0 /	6.21137C(345, 1)	6.16834C(345, 1)	6.05687C(345, 1)	5.92953C(345, 1)	5.79210C(345, 1)
120.0 /	6.02776C(13, 1)	5.84932C(13, 1)	5.74708 (349, 1)	5.63333C(283, 1)	5.48309C(283, 1)
110.0 /	7.50322 (21, 1)	7.44621 (21, 1)	7.31721 (21, 1)	7.17501 (21, 1)	7.02491 (21, 1)
100.0 /	6.86614 (51, 1)	6.87762 (51, 1)	6.88974 (23, 1)	6.93922 (23, 1)	6.96020 (23, 1)
90.0 /	6.76966 (79, 1)	6.65662 (79, 1)	6.48573 (79, 1)	6.33695 (51, 1)	6.17966 (51, 1)
80.0 /	5.13763 (23, 1)	5.28626 (23, 1)	5.19480 (78, 1)	5.07192 (78, 1)	4.98123 (203, 1)
70.0 /	6.01902 (114, 1)	6.09984 (114, 1)	6.08628 (114, 1)	6.03788 (114, 1)	5.96366 (114, 1)
60.0 /	5.97972 (114, 1)	5.96048 (114, 1)	5.86463 (114, 1)	5.74682 (114, 1)	5.65923C(1, 1)
50.0 /	8.34058C(291, 1)	8.11243C(291, 1)	7.91806C(291, 1)	7.75667C(291, 1)	7.62329C(291, 1)
40.0 /	7.46615C(149, 1)	7.69520C(149, 1)	7.82236C(149, 1)	7.90877C(149, 1)	7.96152C(149, 1)
30.0 /	4.73862 (131, 1)	4.28631 (131, 1)	4.05169 (231, 1)	4.09822 (231, 1)	4.12835 (231, 1)
20.0 /	5.03478C(159, 1)	4.96769C(159, 1)	4.85336C(159, 1)	4.72964C(159, 1)	4.60077C(159, 1)
10.0 /	5.04336C(239, 1)	4.94318C(239, 1)	4.84632C(239, 1)	4.76898C(239, 1)	4.72700C(260, 1)

*** SO2 IMPACT, FOUR STACKS AS ONE, 1981 MET DATA ***

* 50 MAXIMUM 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM ALL SOURCES *

RANK	CON.	PER.	DAY	X OR RANGE (METERS)	Y(METERS) OR DIRECTION (DEGREES)	RANK	CON.	PER.	DAY	X OR RANGE (METERS)	Y(METERS) OR DIRECTION (DEGREES)
1	11.67592C	1	145	5000.0	300.0	26	10.82537C	1	159	11000.0	40.0
2	11.67343C	1	145	6000.0	300.0	27	10.79347	1	359	13000.0	360.0
3	11.61135C	1	145	7000.0	300.0	28	10.78370	1	359	12000.0	360.0
4	11.6078B	1	262	10000.0	160.0	29	10.75719C	1	124	8000.0	260.0
5	11.54901	1	262	9000.0	160.0	30	10.75654C	1	145	12000.0	300.0
6	11.51997	1	262	11000.0	160.0	31	10.74314	1	354	13000.0	180.0
7	11.49572C	1	145	4000.0	300.0	32	10.73863C	1	124	9000.0	260.0
8	11.48886C	1	145	8000.0	300.0	33	10.73005	1	359	11000.0	360.0
9	11.39490	1	262	8000.0	160.0	34	10.71585	1	354	7000.0	180.0
10	11.39005	1	262	12000.0	160.0	35	10.71556C	1	159	5000.0	40.0
11	11.34867C	1	145	9000.0	300.0	36	10.69155	1	262	6000.0	160.0
12	11.22917	1	262	13000.0	160.0	37	10.68575C	1	124	7000.0	260.0
13	11.22057	1	354	10000.0	180.0	38	10.65676C	1	159	12000.0	40.0
14	11.19423C	1	145	10000.0	300.0	39	10.65670C	1	124	10000.0	260.0
15	11.18155	1	354	9000.0	180.0	40	10.62196	1	359	10000.0	360.0
16	11.11946	1	262	7000.0	160.0	41	10.53687C	1	145	13000.0	300.0
17	11.10462	1	354	11000.0	180.0	42	10.51463C	1	110	4000.0	100.0
18	11.09214C	1	159	8000.0	40.0	43	10.50783C	1	145	3000.0	300.0
19	11.07045C	1	159	7000.0	40.0	44	10.48014C	1	159	13000.0	40.0
20	11.05812C	1	159	9000.0	40.0	45	10.47636C	1	124	11000.0	260.0
21	11.02537	1	354	8000.0	180.0	46	10.46209C	1	124	6000.0	260.0
22	10.98117C	1	159	10000.0	40.0	47	10.37102	1	359	9000.0	360.0
23	10.97568C	1	145	11000.0	300.0	48	10.34170C	1	159	4000.0	40.0
24	10.94068	1	354	12000.0	180.0	49	10.27678C	1	124	12000.0	260.0
25	10.93857C	1	159	6000.0	40.0	50	10.24724C	1	110	5000.0	100.0

RUN ENDED ON 09-24-87 AT 22:44:17

ISCST (DATED 86322)
AN AIR QUALITY DISPERSION MODEL IN
SECTION 1. GUIDELINE MODELS
IN UNAMAP (VERSION 6) JULY 86.
SOURCE: FILE 6 ON UNAMAP MAGNETIC TAPE FROM NTIS.

IBM-PC VERSION (1.40)
(C) COPYRIGHT 1986, TRINITY CONSULTANTS, INC.
SERIAL NUMBER 5056 SOLD TO BLACK & VEATCH
RUN BEGAN ON 09-25-87 AT 18:10:44

SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1982

CALCULATE (CONCENTRATION=1,DEPOSITION=2)	ISW(1) = 1
RECEPTOR GRID SYSTEM (RECTANGULAR=1 OR 3, POLAR=2 OR 4)	ISW(2) = 4
DISCRETE RECEPTOR SYSTEM (RECTANGULAR=1,POLAR=2)	ISW(3) = 1
TERRAIN ELEVATIONS ARE READ (YES=1,NO=0)	ISW(4) = 0
CALCULATIONS ARE WRITTEN TO TAPE (YES=1,NO=0)	ISW(5) = 0
LIST ALL INPUT DATA (NO=0,YES=1,MET DATA ALSO=2)	ISW(6) = 1
COMPUTE AVERAGE CONCENTRATION (OR TOTAL DEPOSITION)	
WITH THE FOLLOWING TIME PERIODS:	
HOURLY (YES=1,NO=0)	ISW(7) = 0
2-HOUR (YES=1,NO=0)	ISW(8) = 0
3-HOUR (YES=1,NO=0)	ISW(9) = 1
4-HOUR (YES=1,NO=0)	ISW(10) = 0
6-HOUR (YES=1,NO=0)	ISW(11) = 0
8-HOUR (YES=1,NO=0)	ISW(12) = 0
12-HOUR (YES=1,NO=0)	ISW(13) = 0
24-HOUR (YES=1,NO=0)	ISW(14) = 1
PRINT 'N'-DAY TABLE(S) (YES=1,NO=0)	ISW(15) = 1
PRINT THE FOLLOWING TYPES OF TABLES WHOSE TIME PERIODS ARE	
SPECIFIED BY ISW(7) THROUGH ISW(14):	
DAILY TABLES (YES=1,NO=0)	ISW(16) = 0
HIGHEST & SECOND HIGHEST TABLES (YES=1,NO=0)	ISW(17) = 1
MAXIMUM 50 TABLES (YES=1,NO=0)	ISW(18) = 1
METEOROLOGICAL DATA INPUT METHOD (PRE-PROCESSED=1,CARD=2)	ISW(19) = 1
RURAL-URBAN OPTION (RU.=0,UR. MODE 1=1,UR. MODE 2=2,UR. MODE 3=3)	ISW(20) = 0
WIND PROFILE EXPONENT VALUES (DEFAULTS=1,USER ENTERS=2,3)	ISW(21) = 1
VERTICAL POT. TEMP. GRADIENT VALUES (DEFAULTS=1,USER ENTERS=2,3)	ISW(22) = 1
SCALE EMISSION RATES FOR ALL SOURCES (NO=0,YES>0)	ISW(23) = 0
PROGRAM CALCULATES FINAL PLUME RISE ONLY (YES=1,NO=2)	ISW(24) = 1
PROGRAM ADJUSTS ALL STACK HEIGHTS FOR DOWNWASH (YES=2,NO=1)	ISW(25) = 2
PROGRAM USES BUOYANCY INDUCED DISPERSION (YES=1,NO=2)	ISW(26) = 1
CONCENTRATIONS DURING CALM PERIODS SET = 0 (YES=1,NO=2)	ISW(27) = 1
REG. DEFAULT OPTION CHOSEN (YES=1,NO=2)	ISW(28) = 1
TYPE OF POLLUTANT TO BE MODELED (1=SO2,2=OTHER)	ISW(29) = 1
DEBUG OPTION CHOSEN (1=YES,2=NO)	ISW(30) = 2
NUMBER OF INPUT SOURCES	NSOURC = 1
NUMBER OF SOURCE GROUPS (=0,ALL SOURCES)	NGROUP = 0
TIME PERIOD INTERVAL TO BE PRINTED (=0,ALL INTERVALS)	IPERD = 0
NUMBER OF X (RANGE) GRID VALUES	NXPNTS = 20
NUMBER OF Y (THETA) GRID VALUES	NYPNTS = 36
NUMBER OF DISCRETE RECEPTORS	NXNYPT = 0
SOURCE EMISSION RATE UNITS CONVERSION FACTOR	TK=.10000E+07
HEIGHT ABOVE GROUND AT WHICH WIND SPEED WAS MEASURED	ZR = 10.00 METERS
LOGICAL UNIT NUMBER OF METEOROLOGICAL DATA	IMET = 9
DECAY COEFFICIENT FOR PHYSICAL OR CHEMICAL DEPLETION	DECAY = .000000E+00
SURFACE STATION NO.	ISS = 12815
YEAR OF SURFACE DATA	ISY = 82
UPPER AIR STATION NO.	IUS = 12842
YEAR OF UPPER AIR DATA	IUY = 82
ALLOCATED DATA STORAGE	LIMIT = 43500 WORDS
REQUIRED DATA STORAGE FOR THIS PROBLEM RUN	MIMIT = 9937 WORDS

*** SO2 IMPACT-FOUR GE ON OTL-65ppm NOx-MODELED AS 1 STACK-1982 ***

*** METEOROLOGICAL DAYS TO BE PROCESSED ***
(IF=1)

```
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54,   3.09,   5.14,   8.23,   10.80,

*** WIND PROFILE EXPONENTS ***

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

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1982 ***

X,Y-COORDINATES OF THE CENTER OF THE POLAR RECEPTOR GRID (METERS) = (0., 0.)

*** RANGES OF POLAR GRID SYSTEM ***
(METERS)

200.0,	400.0,	600.0,	800.0,	1000.0,	1200.0,	1500.0,	2000.0,	3000.0,	4000.0,
5000.0,	6000.0,	7000.0,	8000.0,	9000.0,	10000.0,	11000.0,	12000.0,	13000.0,	14000.0,

*** RADIAL ANGLES OF POLAR GRID SYSTEM ***

(DEGREES)

10.0,	20.0,	30.0,	40.0,	50.0,	60.0,	70.0,	80.0,	90.0,	100.0,
110.0,	120.0,	130.0,	140.0,	150.0,	160.0,	170.0,	180.0,	190.0,	200.0,
210.0,	220.0,	230.0,	240.0,	250.0,	260.0,	270.0,	280.0,	290.0,	300.0,
310.0,	320.0,	330.0,	340.0,	350.0,	360.0,				

SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1982

SOURCE DATA

SOURCE NUMBER	T Y P E	W A K E	NUMBER PART. CATS.	EMISSION RATE TYPE=0,1 (GRAMS/SEC) TYPE=2 (GRAMS/SEC) #PER METER##2	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	HEIGHT (METERS)	TEMP. TYPE=0 (DEG.K); VERT.DIM TYPE=1 (METERS)	EXIT VEL. TYPE=0 (M/SEC); HORZ.DIM TYPE=1,2 (METERS)	DIAMETER TYPE=0 (METERS)	BLDG. HEIGHT TYPE=0 (METERS)	BLDG. LENGTH TYPE=0 (METERS)	BLDG. WIDTH TYPE=0 (METERS)
1	0	0	0	.19176E+03	.0	.0	.0	10.97	812.59	29.51	3.77	.00	.00	.00

# CALM HOURS (=1) FOR DAY	7 #	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	8 #	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	16 #	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	18 #	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
# CALM HOURS (=1) FOR DAY	19 #	1	1	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
# CALM HOURS (=1) FOR DAY	20 #	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	21 #	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	
# CALM HOURS (=1) FOR DAY	22 #	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	24 #	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
# CALM HOURS (=1) FOR DAY	25 #	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
# CALM HOURS (=1) FOR DAY	54 #	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	55 #	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	56 #	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	58 #	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	59 #	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	63 #	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
# CALM HOURS (=1) FOR DAY	64 #	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	70 #	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
# CALM HOURS (=1) FOR DAY	71 #	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	72 #	1	1	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	73 #	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	75 #	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	76 #	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	77 #	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	78 #	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	79 #	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	80 #	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	81 #	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	82 #	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
# CALM HOURS (=1) FOR DAY	83 #	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	91 #	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
# CALM HOURS (=1) FOR DAY	92 #	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	100 #	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	103 #	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	104 #	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	105 #	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	106 #	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	107 #	1	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	110 #	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
# CALM HOURS (=1) FOR DAY	111 #	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
# CALM HOURS (=1) FOR DAY	112 #	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	125 #	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	131 #	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	132 #	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	135 #	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
# CALM HOURS (=1) FOR DAY	136 #	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	137 #	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

* CALM HOURS (=1) FOR DAY 139 *	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 140 *	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 145 *	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 146 *	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 149 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
* CALM HOURS (=1) FOR DAY 150 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 151 *	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 159 *	0	0	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 160 *	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 164 *	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 165 *	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 168 *	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 170 *	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 171 *	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 175 *	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 176 *	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 178 *	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 184 *	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 190 *	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 191 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 193 *	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 194 *	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 195 *	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY 199 *	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 200 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY 201 *	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 202 *	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
* CALM HOURS (=1) FOR DAY 203 *	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
* CALM HOURS (=1) FOR DAY 204 *	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY 205 *	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 206 *	1	1	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
* CALM HOURS (=1) FOR DAY 207 *	0	1	1	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 208 *	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 209 *	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
* CALM HOURS (=1) FOR DAY 214 *	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 216 *	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 218 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY 219 *	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 221 *	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 222 *	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY 224 *	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 226 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 227 *	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 228 *	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 229 *	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 230 *	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 232 *	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
* CALM HOURS (=1) FOR DAY 233 *	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 235 *	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
* CALM HOURS (=1) FOR DAY 236 *	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
* CALM HOURS (=1) FOR DAY 237 *	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 239 *	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
* CALM HOURS (=1) FOR DAY 240 *	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
* CALM HOURS (=1) FOR DAY 241 *	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 246 *	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 247 *	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 248 *	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 249 *	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 252 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	
* CALM HOURS (=1) FOR DAY 253 *	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 254 *	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 255 *	0	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 259 *	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0		
* CALM HOURS (=1) FOR DAY 260 *	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0		
* CALM HOURS (=1) FOR DAY 261 *	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
* CALM HOURS (=1) FOR DAY 262 *	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	

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* CALM HOURS (=1) FOR DAY 263 *  1  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1
* CALM HOURS (=1) FOR DAY 265 *  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  0
* CALM HOURS (=1) FOR DAY 266 *  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 268 *  0  0  0  0  1  1  0  1  1  0  0  0  1  0  0  0  0  0  0  0  1  0  0
* CALM HOURS (=1) FOR DAY 269 *  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0  0  1  1
* CALM HOURS (=1) FOR DAY 276 *  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0
* CALM HOURS (=1) FOR DAY 278 *  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 282 *  1  0  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1
* CALM HOURS (=1) FOR DAY 283 *  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 284 *  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 286 *  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 290 *  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 298 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  1
* CALM HOURS (=1) FOR DAY 299 *  0  1  0  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 306 *  0  0  0  0  0  1  0  0  0  1  1  0  0  0  0  0  0  0  0  1  0  0  0
* CALM HOURS (=1) FOR DAY 307 *  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 316 *  0  0  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 317 *  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 318 *  0  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0
* CALM HOURS (=1) FOR DAY 322 *  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 327 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0
* CALM HOURS (=1) FOR DAY 328 *  0  0  1  1  0  1  1  0  0  0  0  0  0  0  0  0  0  1  1  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 329 *  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 331 *  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 332 *  0  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 333 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  0  0  1
* CALM HOURS (=1) FOR DAY 334 *  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 335 *  0  1  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 340 *  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 344 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1
* CALM HOURS (=1) FOR DAY 345 *  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 352 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0
* CALM HOURS (=1) FOR DAY 353 *  0  1  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 355 *  0  0  0  1  0  1  0  1  0  0  0  0  0  0  0  0  0  0  0  1  0  1  0  0
* CALM HOURS (=1) FOR DAY 356 *  1  1  1  0  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 363 *  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 364 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0
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SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1982

365-DAY AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER)

FROM ALL SOURCES
FOR THE RECEPTOR GRID

MAXIMUM VALUE EQUALS .96069 AND OCCURRED AT (8000.0, 220.0)

DIRECTION / (DEGREES) /	RANGE (METERS) 200.0	400.0	600.0	800.0	1000.0	1200.0	1500.0	2000.0	3000.0
360.0 /	.32388	.25630	.20955	.20671	.25530	.31869	.44974	.57656	.71237
350.0 /	.33690	.25235	.20009	.19375	.23565	.29017	.39751	.49953	.59716
340.0 /	.32423	.22792	.17115	.16150	.19896	.24891	.34743	.44096	.52685
330.0 /	.31457	.22970	.18363	.17972	.21887	.26580	.35372	.43957	.52407
320.0 /	.31946	.23752	.18794	.18135	.21737	.26185	.34486	.42591	.50609
310.0 /	.32997	.25665	.19644	.18138	.21163	.25720	.35456	.45188	.55142
300.0 /	.32519	.27338	.23388	.23463	.27540	.33235	.45872	.59781	.76440
290.0 /	.30891	.23489	.17440	.15994	.18651	.23135	.33917	.44753	.56959
280.0 /	.29329	.23639	.19179	.18653	.21800	.26503	.37496	.48793	.60720
270.0 /	.28923	.23646	.18660	.18146	.21673	.26985	.39303	.52429	.66016
260.0 /	.29848	.24484	.19346	.18722	.22339	.28163	.41776	.55959	.70712
250.0 /	.32042	.26402	.20888	.20107	.23693	.29655	.43555	.57253	.71476
240.0 /	.35107	.29038	.23264	.22640	.26481	.32642	.47192	.61615	.77285
230.0 /	.39102	.32695	.25375	.23670	.26729	.31999	.45608	.59452	.75093
220.0 /	.42975	.36693	.30161	.28860	.31923	.36632	.48695	.61582	.77428
210.0 /	.45252	.36323	.29091	.27125	.29379	.33461	.43762	.54760	.67483
200.0 /	.45945	.34682	.26246	.23547	.24740	.27826	.35980	.44335	.53387
190.0 /	.45585	.37542	.29969	.27731	.28966	.31572	.38631	.46475	.56543
180.0 /	.42779	.38564	.32146	.30618	.32625	.35497	.42430	.51076	.63295
170.0 /	.36292	.31003	.24772	.22873	.24297	.26593	.31869	.38011	.46093
160.0 /	.27177	.20154	.15731	.14529	.15924	.18404	.23657	.29301	.36398
150.0 /	.19326	.11586	.08294	.07329	.08480	.11112	.16880	.22385	.28564
140.0 /	.15534	.09219	.07088	.06628	.08086	.10934	.17042	.22899	.29885
130.0 /	.15989	.10733	.08059	.07710	.09852	.12911	.18969	.24520	.30775
120.0 /	.18110	.14691	.12167	.12292	.15259	.18583	.24600	.30356	.37011
110.0 /	.19306	.15273	.12297	.12116	.14830	.17953	.23554	.28809	.34588
100.0 /	.19210	.13723	.10425	.09761	.11742	.14570	.19985	.25062	.29910
90.0 /	.18734	.13308	.10506	.09913	.11532	.14404	.20582	.26974	.33629
80.0 /	.18218	.12909	.10134	.09359	.10688	.13694	.20490	.27295	.34214
70.0 /	.17765	.12593	.09507	.08655	.10107	.13513	.21091	.28516	.35818
60.0 /	.17280	.13351	.11139	.10883	.12928	.16880	.25443	.34263	.43430
50.0 /	.16684	.12345	.09780	.09348	.11547	.15748	.24605	.33482	.42362
40.0 /	.17155	.11867	.09084	.08773	.11590	.16238	.25327	.33810	.41548
30.0 /	.19226	.13466	.10836	.10907	.14734	.19920	.29312	.37916	.44666
20.0 /	.22866	.14356	.10310	.10452	.15019	.20603	.30739	.40080	.47420
10.0 /	.27969	.19729	.15266	.15393	.20306	.26319	.38095	.49286	.59933

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1982 ***

* 365-DAY AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS .96069 AND OCCURRED AT (8000.0, 220.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 4000.0	5000.0	6000.0	7000.0	8000.0	9000.0	10000.0	11000.0	12000.0
360.0 /	.77407	.78748	.78252	.77004	.75279	.73490	.71719	.69724	.67837
350.0 /	.63490	.63870	.63354	.62586	.61563	.60557	.59577	.58364	.57205
340.0 /	.55296	.55012	.54054	.52974	.51755	.50606	.49522	.48301	.47153
330.0 /	.55846	.56444	.56342	.56022	.55416	.54778	.54111	.53189	.52280
320.0 /	.54176	.55140	.55436	.55468	.55156	.54742	.54238	.53426	.52585
310.0 /	.59268	.59913	.59467	.58626	.57481	.56300	.55113	.53718	.52376
300.0 /	.85458	.88985	.90439	.90884	.90443	.89697	.88753	.87321	.85860
290.0 /	.63105	.64848	.64779	.63917	.62570	.61126	.59676	.58032	.56474
280.0 /	.66016	.67308	.67251	.66684	.65661	.64578	.63479	.62144	.60853
270.0 /	.71296	.71884	.71126	.69950	.68480	.66998	.65531	.63826	.62194
260.0 /	.76382	.76986	.76148	.74939	.73429	.71968	.70563	.68930	.67382
250.0 /	.78084	.80015	.80421	.80207	.79409	.78452	.77390	.75943	.74500
240.0 /	.85679	.88894	.90154	.90406	.89854	.88943	.87792	.86082	.84334
230.0 /	.83187	.85878	.86435	.85984	.84828	.83440	.81935	.80028	.78158
220.0 /	.87288	.91969	.94494	.95818	.96069	.95873	.95369	.94220	.92976
210.0 /	.75087	.78640	.80681	.81830	.82081	.81928	.81477	.80438	.79296
200.0 /	.58644	.61286	.63050	.64284	.64793	.64996	.64951	.64436	.63810
190.0 /	.63928	.68283	.71268	.73281	.74179	.74555	.74542	.73946	.73192
180.0 /	.72963	.78706	.82821	.85727	.87325	.88206	.88531	.88015	.87251
170.0 /	.51760	.54660	.56571	.57849	.58422	.58658	.58630	.58125	.57508
160.0 /	.40702	.42580	.43520	.43958	.43928	.43718	.43383	.42780	.42140
150.0 /	.31576	.32373	.32334	.31948	.31361	.30718	.30049	.29254	.28480
140.0 /	.33141	.33654	.33142	.32274	.31269	.30283	.29350	.28367	.27459
130.0 /	.33921	.34707	.34533	.33941	.33093	.32182	.31263	.30259	.29308
120.0 /	.40883	.42469	.43134	.43309	.43032	.42587	.42036	.41267	.40490
110.0 /	.37415	.38273	.38479	.38417	.38067	.37653	.37201	.36586	.35978
100.0 /	.31250	.30900	.30204	.29505	.28742	.28059	.27439	.26782	.26176
90.0 /	.36196	.36542	.36240	.35742	.35071	.34415	.33782	.33044	.32344
80.0 /	.36894	.37199	.36635	.35773	.34709	.33684	.32722	.31731	.30820
70.0 /	.38379	.38513	.37782	.36803	.35655	.34580	.33591	.32600	.31693
60.0 /	.46949	.47332	.46689	.45713	.44528	.43363	.42241	.41020	.39866
50.0 /	.45364	.45209	.44110	.42763	.41315	.39951	.38686	.37382	.36183
40.0 /	.43691	.43075	.41713	.40195	.38666	.37248	.35945	.34610	.33387
30.0 /	.45532	.44251	.42622	.41097	.39603	.38305	.37163	.36040	.35027
20.0 /	.48317	.46834	.44999	.43296	.41704	.40320	.39103	.37882	.36780
10.0 /	.63077	.62456	.60791	.58956	.57058	.55355	.53839	.52292	.50901

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1982 ***

* 365-DAY AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS .96069 AND OCCURRED AT (8000.0, 220.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 13000.0	14000.0
360.0 /	.66055	.64367
350.0 /	.56092	.55017
340.0 /	.46066	.45031
330.0 /	.51383	.50497
320.0 /	.51727	.50859
310.0 /	.51086	.49846
300.0 /	.84390	.82921
290.0 /	.55001	.53606
280.0 /	.59607	.58399
270.0 /	.60631	.59131
260.0 /	.65905	.64488
250.0 /	.73072	.71663
240.0 /	.82577	.80827
230.0 /	.76338	.74571
220.0 /	.91670	.90320
210.0 /	.78085	.76826
200.0 /	.63101	.62330
190.0 /	.72328	.71386
180.0 /	.86306	.85229
170.0 /	.56807	.56045
160.0 /	.41477	.40799
150.0 /	.27730	.27005
140.0 /	.26617	.25834
130.0 /	.28412	.27568
120.0 /	.39716	.38953
110.0 /	.35380	.34793
100.0 /	.25610	.25077
90.0 /	.31676	.31036
80.0 /	.29980	.29202
70.0 /	.30861	.30093
60.0 /	.38775	.37741
50.0 /	.35077	.34050
40.0 /	.32258	.31212
30.0 /	.34101	.33248
20.0 /	.35774	.34847
10.0 /	.49636	.48473

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1982 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 62.97399 AND OCCURRED AT (10000.0, 180.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 200.0	400.0	600.0	800.0	1000.0
360.0 /	12.20405 (80, 1)	10.48049 (172, 2)	10.50243 (172, 2)	10.51458 (172, 2)	17.98327 (177, 4)
350.0 /	9.61065 (264, 1)	8.78058 (117, 1)	9.47389 (117, 1)	10.27050 (117, 1)	20.98647 (221, 4)
340.0 /	9.47863 (264, 2)	8.59204 (264, 2)	8.72565 (209, 2)	9.54417 (209, 2)	19.64413 (177, 4)
330.0 /	9.67375 (194, 1)	10.08765 (194, 1)	10.60492 (194, 1)	11.13186 (194, 1)	20.48455 (268, 4)
320.0 /	9.90452 (155, 8)	9.49655 (363, 7)	9.49842 (363, 7)	9.60490 (363, 7)	19.44164 (268, 4)
310.0 /	9.52316 (211, 2)	9.12544 (36, 7)	9.73102 (36, 7)	10.52947 (36, 7)	19.26456 (262, 4)
300.0 /	10.32274 (220, 1)	9.92039 (172, 8)	9.86228 (172, 8)	11.06414 (6, 7)	19.61526 (194, 4)
290.0 /	9.67585 (253, 1)	8.33535 (106, 8)	8.06365 (338, 7)	8.58584 (338, 7)	19.20335 (193, 5)
280.0 /	10.05658 (132, 8)	9.08590 (327, 7)	9.12575 (143, 1)	9.99118 (143, 1)	20.27707 (159, 4)
270.0 /	9.87058 (316, 1)	8.62552 (337, 8)	7.82152 (337, 8)	8.41918 (359, 2)	26.78351 (159, 4)
260.0 /	9.64495 (158, 8)	9.59026 (158, 8)	9.51389 (158, 8)	9.48157 (158, 8)	20.27753 (159, 4)
250.0 /	9.66545 (336, 8)	9.58684 (336, 8)	9.52332 (259, 7)	10.01528 (259, 7)	14.63832 (270, 4)
240.0 /	12.40329 (106, 2)	11.37682 (106, 2)	10.04768 (106, 2)	10.66002 (131, 8)	20.47099 (111, 5)
230.0 /	11.35682 (106, 2)	9.86235 (303, 2)	9.73864 (303, 2)	9.58961 (303, 2)	27.79300 (111, 5)
220.0 /	11.69196 (331, 2)	11.00102 (331, 2)	10.45275 (331, 2)	10.37588 (331, 2)	24.94690 (111, 5)
210.0 /	10.73083 (331, 2)	9.26361C(132, 2)	9.66116C(132, 2)	10.03965C(132, 2)	14.95515 (111, 5)
200.0 /	10.49025 (280, 1)	9.93176 (280, 1)	9.25435 (280, 1)	9.60258 (275, 2)	12.56078 (216, 4)
190.0 /	11.28476 (280, 2)	10.39482 (280, 2)	9.68570 (280, 2)	9.46651 (294, 8)	19.18965 (216, 4)
180.0 /	10.63651 (102, 1)	9.88100 (271, 2)	10.40463 (271, 2)	11.09849 (311, 2)	17.27338 (216, 4)
170.0 /	10.11483 (284, 2)	9.07464 (296, 1)	9.29626 (296, 1)	9.62763 (296, 1)	19.70921 (247, 4)
160.0 /	10.38834 (284, 2)	9.36875 (288, 2)	9.75969 (288, 2)	10.23466 (288, 2)	16.12964 (247, 4)
150.0 /	7.71120 (25, 1)	7.57781 (299, 3)	7.67521 (299, 3)	7.82078 (299, 3)	8.08696 (299, 3)
140.0 /	11.50917 (103, 8)	9.44669 (103, 8)	8.77589 (289, 2)	9.43519 (289, 2)	10.70943 (206, 4)
130.0 /	12.44350 (103, 8)	11.00810 (103, 8)	9.23966 (103, 8)	7.61325 (103, 8)	18.44122 (206, 4)
120.0 /	10.39693 (62, 2)	8.93113 (112, 1)	9.58378 (112, 1)	10.28930 (112, 1)	18.44921 (227, 4)
110.0 /	11.39017 (77, 1)	11.05686 (77, 1)	10.54194 (77, 1)	9.97006 (77, 1)	19.77848 (186, 4)
100.0 /	9.78141 (287, 8)	9.39771 (51, 7)	9.42293 (51, 7)	9.49373 (51, 7)	14.37286 (186, 4)
90.0 /	11.70601 (55, 8)	10.28578 (55, 8)	9.17555 (63, 2)	8.82707 (63, 2)	12.62178 (247, 5)
80.0 /	9.82367 (54, 2)	9.88426 (54, 2)	10.04982 (54, 2)	10.15479 (54, 2)	10.18896 (54, 2)
70.0 /	8.15588C(283, 1)	6.91562C(283, 1)	7.17851 (118, 1)	7.69050 (353, 8)	12.33360 (164, 4)
60.0 /	7.67706 (58, 8)	8.51318 (128, 8)	9.50739 (128, 8)	10.72150 (128, 8)	16.75275 (185, 4)
50.0 /	8.91751 (239, 8)	9.34227 (239, 8)	9.87758 (239, 8)	10.42950 (239, 8)	20.80443 (185, 4)
40.0 /	9.05596 (108, 2)	6.79233 (186, 1)	6.74119 (186, 1)	6.65792 (186, 1)	14.99517 (185, 4)
30.0 /	11.01494 (108, 2)	10.93917 (108, 2)	10.87875 (108, 2)	10.76577 (108, 2)	17.31327 (225, 4)
20.0 /	9.84954 (108, 2)	7.58216 (108, 2)	8.33571 (209, 8)	9.31897 (209, 8)	21.09063 (225, 4)
10.0 /	10.96860 (80, 1)	8.77317 (240, 1)	8.92462 (15, 8)	9.28136 (240, 1)	20.17035 (177, 4)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1982 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 62.97399 AND OCCURRED AT (10000.0, 180.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 1200.0	1500.0	2000.0	3000.0	4000.0
360.0 /	22.77579 (177, 4)	23.75821 (245, 5)	24.13445 (222, 5)	29.27584 (199, 5)	30.03684 (199, 5)
350.0 /	27.69772 (221, 4)	26.61344 (221, 4)	24.98715 (232, 5)	29.44508 (232, 5)	26.11737 (232, 5)
340.0 /	22.75132 (177, 4)	21.25515 (268, 4)	24.58482 (263, 4)	29.90224 (263, 4)	26.93989 (154, 4)
330.0 /	32.58360 (268, 4)	31.75159 (268, 4)	26.50852 (268, 4)	25.84465 (263, 4)	27.49591 (150, 2)
320.0 /	31.16434 (268, 4)	30.40068 (268, 4)	25.08323 (268, 4)	26.88819 (103, 4)	24.98063 (103, 4)
310.0 /	23.53733 (105, 4)	24.56742 (223, 4)	23.55346 (218, 4)	25.43312 (218, 4)	27.33886 (36, 7)
300.0 /	29.66580 (105, 4)	30.53051 (105, 4)	25.83786 (105, 4)	30.31811 (107, 7)	38.41366 (107, 7)
290.0 /	23.65326 (105, 4)	24.88062 (105, 4)	22.97397 (144, 6)	25.59435 (92, 5)	25.09970 (92, 5)
280.0 /	27.19144 (159, 4)	24.48294 (159, 4)	24.84718 (194, 5)	33.18638 (194, 5)	31.58097 (359, 1)
270.0 /	35.02594 (159, 4)	31.68256 (159, 4)	28.66044 (223, 5)	30.11489 (197, 5)	33.88054 (197, 5)
260.0 /	27.19275 (159, 4)	33.36329 (223, 5)	39.64433 (223, 5)	34.06280 (223, 5)	31.54786 (305, 4)
250.0 /	24.44020 (187, 4)	27.93027 (187, 4)	25.19449 (187, 4)	26.34223 (217, 4)	30.40228 (121, 7)
240.0 /	24.96930 (111, 5)	26.50547 (187, 4)	22.84577 (270, 4)	23.72496 (217, 4)	25.92855 (252, 1)
230.0 /	34.46555 (111, 5)	27.93133 (111, 5)	23.25049 (136, 4)	23.03697 (97, 7)	28.96942 (97, 7)
220.0 /	32.49399 (111, 5)	26.91091 (111, 5)	21.13613 (224, 4)	24.71943 (159, 5)	28.28191 (159, 5)
210.0 /	21.33932 (111, 5)	22.56479 (108, 4)	26.23164 (158, 4)	26.79130 (257, 4)	27.86092 (257, 4)
200.0 /	18.15467 (108, 4)	20.62284 (108, 4)	22.38418 (158, 4)	25.01466 (174, 5)	22.36062 (341, 8)
190.0 /	24.57001 (118, 4)	26.28722 (118, 4)	21.76155 (118, 4)	22.82240 (119, 2)	29.29150 (119, 2)
180.0 /	27.19722 (118, 4)	29.55642 (118, 4)	25.97126 (118, 4)	36.18148 (311, 2)	46.25613 (311, 2)
170.0 /	23.11689 (224, 4)	25.77390 (224, 4)	22.16976 (118, 4)	25.58542 (311, 1)	32.69133 (311, 1)
160.0 /	22.05707 (224, 4)	24.65626 (224, 4)	24.22627 (129, 5)	21.79622 (256, 4)	27.04998 (27, 1)
150.0 /	16.60439 (246, 4)	24.98681 (246, 4)	25.73604 (129, 5)	26.68404 (129, 5)	23.19879 (108, 5)
140.0 /	15.82415 (246, 4)	23.64931 (246, 4)	21.91413 (246, 4)	27.51372 (56, 5)	28.69662 (56, 5)
130.0 /	23.33317 (207, 4)	25.11226 (207, 4)	20.95283 (207, 4)	18.83770 (56, 5)	21.57626 (53, 2)
120.0 /	29.11597 (207, 4)	30.24502 (207, 4)	25.66498 (207, 4)	20.56236 (161, 5)	25.98208 (50, 8)
110.0 /	24.11992 (186, 4)	24.18778 (207, 4)	19.34921 (207, 4)	22.52145 (15, 1)	28.63238 (15, 1)
100.0 /	20.26857 (129, 4)	23.15002 (129, 4)	19.93988 (129, 4)	24.94703 (185, 4)	24.54136 (185, 4)
90.0 /	19.34070 (129, 4)	22.12467 (129, 4)	23.81297 (180, 4)	23.58159 (180, 4)	27.01344 (223, 7)
80.0 /	14.09772 (247, 5)	15.18752 (164, 4)	18.72561 (180, 4)	21.97084 (175, 4)	26.62639 (180, 7)
70.0 /	21.30211 (164, 4)	24.10545 (164, 4)	20.49552 (164, 4)	24.60194 (179, 4)	25.01278 (206, 4)
60.0 /	22.26582 (185, 4)	27.16196 (255, 4)	24.50468 (179, 4)	30.81939 (179, 4)	31.86017 (128, 8)
50.0 /	27.36023 (185, 4)	26.33189 (185, 4)	23.28971 (255, 4)	24.02175 (237, 5)	26.29207 (234, 7)
40.0 /	20.04033 (185, 4)	22.96954 (238, 4)	21.30302 (238, 4)	23.30996 (164, 5)	21.49080 (164, 5)
30.0 /	29.82579 (238, 4)	32.83083 (238, 4)	31.15915 (238, 4)	28.41945 (238, 4)	25.80090 (205, 4)
20.0 /	28.82971 (225, 4)	34.34727 (238, 5)	35.34776 (238, 5)	28.65820 (238, 5)	26.98555 (209, 8)
10.0 /	25.25849 (177, 4)	24.37771 (177, 4)	28.17017 (201, 5)	28.95527 (201, 5)	23.51105 (200, 5)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1982 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 62.97399 AND OCCURRED AT (10000.0, 180.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 5000.0	6000.0	7000.0	8000.0	9000.0
360.0 /	28.56181 (192, 3)	28.45344 (192, 3)	28.02163 (81, 2)	29.40879 (81, 2)	30.43026 (81, 2)
350.0 /	26.61304 (213, 2)	29.52778 (213, 2)	32.04662 (213, 2)	33.88633 (213, 2)	35.38739 (213, 2)
340.0 /	27.96639 (364, 7)	31.00424 (364, 7)	33.54112 (364, 7)	35.60371 (364, 7)	37.23679 (364, 7)
330.0 /	31.50304 (150, 2)	34.74128 (150, 2)	37.26365 (150, 2)	39.15535 (150, 2)	40.51093 (150, 2)
320.0 /	21.67365 (103, 4)	23.20592 (156, 1)	25.00653 (3, 2)	26.30630 (3, 2)	27.45838 (3, 2)
310.0 /	30.79895 (36, 7)	33.56190 (36, 7)	35.67158 (36, 7)	37.20609 (36, 7)	38.25419 (36, 7)
300.0 /	43.32973 (107, 7)	46.94387 (107, 7)	49.45065 (107, 7)	51.05725 (107, 7)	51.95329 (107, 7)
290.0 /	24.44466 (338, 7)	26.75183 (338, 7)	28.66240 (338, 7)	29.91884 (338, 7)	30.87995 (338, 7)
280.0 /	35.99613 (359, 1)	39.31390 (359, 1)	41.68561 (359, 1)	43.28032 (359, 1)	44.25511 (359, 1)
270.0 /	33.68779 (197, 5)	32.07742 (197, 5)	32.46645 (359, 2)	34.01768 (359, 2)	35.21706 (359, 2)
260.0 /	28.36479 (197, 5)	26.73936 (360, 2)	28.57177 (360, 2)	29.97588 (360, 2)	31.00727 (360, 2)
250.0 /	34.57850 (121, 7)	37.70140 (121, 7)	39.91977 (121, 7)	41.39690 (121, 7)	42.28398 (121, 7)
240.0 /	29.78899 (252, 1)	33.11221 (252, 1)	35.89077 (252, 1)	38.15360 (252, 1)	39.94912 (252, 1)
230.0 /	32.51208 (97, 7)	35.08757 (97, 7)	37.16935 (258, 7)	39.06030 (258, 7)	40.41679 (258, 7)
220.0 /	29.95952 (294, 4)	29.49574 (158, 1)	31.83823 (158, 1)	33.73100 (158, 1)	35.21754 (158, 1)
210.0 /	29.22966 (292, 7)	31.82433 (292, 7)	33.70599 (292, 7)	34.99126 (292, 7)	36.04349 (324, 7)
200.0 /	25.11955 (341, 8)	27.23925 (341, 8)	28.78399 (341, 8)	29.83785 (341, 8)	30.49208 (341, 8)
190.0 /	33.56618 (119, 2)	36.96142 (119, 2)	39.55611 (119, 2)	41.45912 (119, 2)	42.78404 (119, 2)
180.0 /	52.34253 (311, 2)	56.74660 (311, 2)	59.74763 (311, 2)	61.62701 (311, 2)	62.63379 (311, 2)
170.0 /	37.02729 (311, 1)	40.20687 (311, 1)	42.40942 (311, 1)	43.82417 (311, 1)	44.62114 (311, 1)
160.0 /	30.53241 (27, 1)	33.10689 (27, 1)	34.90543 (27, 1)	36.06987 (27, 1)	36.73115 (27, 1)
150.0 /	20.86077 (108, 5)	19.98196 (299, 3)	21.37459 (299, 3)	22.41585 (299, 3)	23.16665 (299, 3)
140.0 /	26.42571 (56, 5)	27.51044 (289, 2)	28.90446 (289, 2)	29.78467 (289, 2)	30.29719 (289, 2)
130.0 /	23.98652 (53, 2)	25.62866 (53, 2)	26.65341 (53, 2)	27.20060 (53, 2)	27.38819 (53, 2)
120.0 /	29.43760 (50, 8)	32.07472 (50, 8)	33.99184 (50, 8)	35.30513 (50, 8)	36.12784 (50, 8)
110.0 /	32.33101 (15, 1)	35.02813 (15, 1)	36.88144 (15, 1)	38.05388 (15, 1)	38.69242 (15, 1)
100.0 /	24.32708 (9, 8)	25.88705 (9, 8)	26.81008 (9, 8)	27.24936 (9, 8)	27.33112 (9, 8)
90.0 /	30.99221 (223, 7)	34.27557 (223, 7)	36.89536 (223, 7)	38.91780 (223, 7)	40.42248 (223, 7)
80.0 /	29.99684 (180, 7)	32.48421 (180, 7)	34.21812 (180, 7)	35.33736 (180, 7)	35.96966 (180, 7)
70.0 /	24.90075 (353, 8)	27.17990 (353, 8)	29.02733 (353, 8)	30.19872 (353, 8)	31.06829 (353, 8)
60.0 /	35.63885 (128, 8)	38.49472 (128, 8)	40.54987 (128, 8)	41.80585 (128, 8)	42.54024 (128, 8)
50.0 /	30.16372 (234, 7)	33.42936 (234, 7)	36.10228 (234, 7)	38.22966 (234, 7)	39.87417 (234, 7)
40.0 /	20.47266 (112, 4)	19.80839 (152, 7)	20.73956 (152, 7)	21.27557 (152, 7)	22.11703 (41, 1)
30.0 /	22.28183 (205, 4)	20.12579 (213, 1)	21.62116 (213, 1)	22.57632 (213, 1)	23.43908 (213, 1)
20.0 /	31.09367 (209, 8)	34.72536 (209, 8)	37.85748 (209, 8)	40.50231 (209, 8)	42.69328 (209, 8)
10.0 /	22.00884 (171, 1)	23.94586 (171, 1)	25.44897 (171, 1)	26.43677 (171, 1)	27.11489 (171, 1)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1982 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 62.97399 AND OCCURRED AT (10000.0, 180.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 10000.0	11000.0	12000.0	13000.0	14000.0
360.0 /	31.13986 (81, 2)	31.34466 (81, 2)	31.37946 (81, 2)	31.27880 (81, 2)	31.07103 (81, 2)
350.0 /	36.59124 (213, 2)	37.37257 (213, 2)	37.96304 (213, 2)	38.39181 (213, 2)	38.68433 (213, 2)
340.0 /	38.49054 (364, 7)	39.09869 (364, 7)	39.47944 (364, 7)	39.67245 (364, 7)	39.71114 (364, 7)
330.0 /	41.42123 (150, 2)	41.66376 (150, 2)	41.67406 (150, 2)	41.50168 (150, 2)	41.18737 (150, 2)
320.0 /	28.47461 (3, 2)	29.36562 (3, 2)	30.14210 (3, 2)	30.81431 (3, 2)	31.39199 (3, 2)
310.0 /	38.90120 (36, 7)	38.93817 (36, 7)	38.77430 (36, 7)	38.45592 (36, 7)	38.01982 (36, 7)
300.0 /	52.29849 (107, 7)	51.89682 (107, 7)	51.26031 (107, 7)	50.45583 (107, 7)	49.53401 (107, 7)
290.0 /	31.59630 (338, 7)	32.00580 (338, 7)	32.27522 (338, 7)	32.43066 (338, 7)	32.49324 (338, 7)
280.0 /	44.74453 (359, 1)	44.57669 (359, 1)	44.19183 (359, 1)	43.64670 (359, 1)	42.98597 (359, 1)
270.0 /	36.12408 (359, 2)	36.65008 (359, 2)	37.01044 (359, 2)	37.23561 (359, 2)	37.35075 (359, 2)
260.0 /	31.72236 (360, 2)	31.92360 (360, 2)	31.95300 (360, 2)	31.84572 (360, 2)	31.63033 (360, 2)
250.0 /	42.70938 (121, 7)	42.51199 (121, 7)	42.10975 (121, 7)	41.55772 (121, 7)	40.89832 (121, 7)
240.0 /	41.33304 (252, 1)	42.01792 (252, 1)	42.45564 (252, 1)	42.68793 (252, 1)	42.75120 (252, 1)
230.0 /	41.32909 (258, 7)	41.57473 (258, 7)	41.58846 (258, 7)	41.41962 (258, 7)	41.10893 (258, 7)
220.0 /	36.34746 (158, 1)	36.86778 (158, 1)	37.17675 (158, 1)	37.31120 (158, 1)	37.48368 (134, 2)
210.0 /	36.73176 (324, 7)	36.83625 (324, 7)	36.74269 (324, 7)	36.49560 (324, 7)	36.13084 (324, 7)
200.0 /	30.82639 (341, 8)	30.69734 (341, 8)	30.42026 (341, 8)	30.03319 (341, 8)	29.62473C(139, 2)
190.0 /	43.63603 (119, 2)	43.79893 (119, 2)	43.72391 (119, 2)	43.46418 (119, 2)	43.06309 (119, 2)
180.0 /	62.97399 (311, 2)	62.43483 (311, 2)	61.62017 (311, 2)	60.60983 (311, 2)	59.46500 (311, 2)
170.0 /	44.94087 (311, 1)	44.62992 (311, 1)	44.11604 (311, 1)	43.45713 (311, 1)	42.69676 (311, 1)
160.0 /	37.00113 (27, 1)	36.73526 (27, 1)	36.30041 (27, 1)	35.74357 (27, 1)	35.10080 (27, 1)
150.0 /	23.67308 (299, 3)	23.81272 (299, 3)	23.96526 (61, 2)	24.20804 (61, 2)	24.34993 (61, 2)
140.0 /	30.51845 (289, 2)	30.33021 (289, 2)	30.01073 (289, 2)	29.59540 (289, 2)	29.11098 (289, 2)
130.0 /	27.31022 (53, 2)	26.88288 (53, 2)	26.36071 (53, 2)	25.77654 (53, 2)	25.15439 (53, 2)
120.0 /	36.56020 (50, 8)	36.44078 (50, 8)	36.14117 (50, 8)	35.70739 (50, 8)	35.17548 (50, 8)
110.0 /	38.92021 (15, 1)	38.59644 (15, 1)	38.10043 (15, 1)	37.48157 (15, 1)	36.77763 (15, 1)
100.0 /	27.15405 (9, 8)	26.64451 (9, 8)	26.04965 (9, 8)	25.40197 (9, 8)	24.72482 (9, 8)
90.0 /	41.48915 (223, 7)	41.87428 (223, 7)	42.02026 (223, 7)	41.97456 (223, 7)	41.77697 (223, 7)
80.0 /	36.22371 (180, 7)	35.95753 (180, 7)	35.52825 (180, 7)	34.98148 (180, 7)	34.35193 (180, 7)
70.0 /	31.69363 (353, 8)	32.02544 (353, 8)	32.22392 (353, 8)	32.31567 (353, 8)	32.32166 (353, 8)
60.0 /	42.86781 (128, 8)	42.65652 (128, 8)	42.26167 (128, 8)	41.73157 (128, 8)	41.10362 (128, 8)
50.0 /	41.10197 (234, 7)	41.64697 (234, 7)	41.95262 (234, 7)	42.06242 (234, 7)	42.01355 (234, 7)
40.0 /	22.83774 (41, 1)	23.17404 (41, 1)	23.37255 (41, 1)	23.45788 (41, 1)	23.45140 (41, 1)
30.0 /	24.21573 (213, 1)	24.91079 (213, 1)	25.52939 (213, 1)	26.07703 (213, 1)	26.55919 (213, 1)
20.0 /	44.47378 (209, 8)	45.50142 (209, 8)	46.26529 (209, 8)	46.80360 (209, 8)	47.15131 (209, 8)
10.0 /	27.54114 (171, 1)	27.62481 (171, 1)	27.57809 (171, 1)	27.42940 (171, 1)	27.20182 (171, 1)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1982 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 54.00225 AND OCCURRED AT (10000.0, 180.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 200.0	400.0	600.0	800.0	1000.0
360.0 /	10.37860 (172, 2)	10.19636 (80, 1)	9.85731 (81, 2)	10.02160 (81, 2)	16.57051 (166, 4)
350.0 /	9.44611 (80, 1)	8.11629 (128, 1)	7.55487 (225, 2)	8.41090 (213, 2)	18.86008 (206, 5)
340.0 /	9.42298 (205, 8)	8.48206 (205, 8)	8.54921 (205, 8)	9.10015 (205, 8)	17.90740 (206, 5)
330.0 /	9.62786 (6, 8)	9.76017 (79, 1)	9.81323 (79, 1)	10.22414 (54, 8)	17.83233 (177, 4)
320.0 /	9.20623 (220, 8)	9.19516 (155, 8)	8.27716 (220, 8)	8.80508 (156, 1)	19.39364 (157, 4)
310.0 /	8.98838 (286, 7)	7.76680 (23, 1)	7.29268 (262, 7)	7.36419 (262, 7)	16.59021 (157, 4)
300.0 /	9.15690 (211, 2)	9.45176 (192, 2)	9.80186 (6, 7)	10.47962 (107, 7)	17.20833 (105, 4)
290.0 /	9.51997 (132, 8)	7.82557 (338, 7)	7.67115 (332, 3)	8.07533 (332, 3)	15.13490 (194, 4)
280.0 /	9.95711 (134, 8)	8.59675 (132, 8)	8.47291 (327, 7)	9.13512C(25, 7)	17.30988 (193, 5)
270.0 /	9.83965 (285, 8)	8.25526 (357, 8)	7.47810 (285, 8)	8.10542 (90, 7)	21.73778 (223, 4)
260.0 /	9.16028 (285, 8)	8.94404 (360, 7)	8.92372 (360, 7)	9.01707 (360, 7)	18.44233 (223, 4)
250.0 /	9.12583 (196, 1)	9.14080 (259, 7)	9.38816 (336, 8)	9.11620 (336, 8)	13.48038 (187, 4)
240.0 /	9.79707 (337, 1)	9.41802 (131, 8)	9.98469 (131, 8)	9.15666 (252, 1)	19.67018 (270, 4)
230.0 /	9.14711 (337, 1)	8.92847 (106, 2)	8.01322 (281, 8)	8.80033 (97, 7)	18.91237 (136, 4)
220.0 /	9.97155 (306, 1)	9.05996 (303, 1)	9.09187 (18, 3)	9.71766 (18, 3)	19.29091 (136, 4)
210.0 /	10.29841 (281, 1)	8.69520 (316, 3)	8.68440 (316, 3)	9.02305 (271, 8)	12.31818 (108, 4)
200.0 /	10.28463 (271, 1)	8.73410 (275, 2)	9.11866 (275, 2)	9.28504 (228, 1)	11.11756 (108, 4)
190.0 /	10.24655 (70, 2)	9.27897 (70, 2)	8.99924 (294, 8)	9.31675 (280, 2)	13.59884 (118, 4)
180.0 /	9.97404 (245, 2)	9.50095 (191, 8)	9.41603 (301, 1)	11.02142 (271, 2)	15.19856 (118, 4)
170.0 /	10.01342 (282, 2)	8.54890 (28, 2)	8.21633 (28, 2)	8.60176 (85, 7)	13.07596 (224, 4)
160.0 /	9.66013 (282, 2)	9.19254 (284, 2)	8.24284 (28, 3)	8.28114 (28, 3)	12.40151 (224, 4)
150.0 /	7.70763 (224, 2)	7.44636 (224, 2)	6.99572 (224, 2)	6.49362 (224, 2)	7.56597 (129, 5)
140.0 /	8.36274 (260, 2)	8.25893 (289, 2)	8.22637 (103, 8)	7.50263 (51, 2)	10.28116 (289, 2)
130.0 /	8.72983 (260, 2)	6.33042 (11, 8)	5.36454 (11, 8)	6.72979 (206, 4)	12.85802 (207, 4)
120.0 /	9.46146 (77, 1)	8.87784C(16, 2)	8.80850C(16, 2)	8.69781C(16, 2)	18.44123 (206, 4)
110.0 /	10.49590C(83, 1)	9.74551C(83, 1)	8.76185C(261, 1)	9.42667C(261, 1)	18.44918 (227, 4)
100.0 /	9.23870 (55, 8)	8.54215 (287, 8)	7.64089 (287, 8)	7.33182 (111, 8)	12.09971 (129, 4)
90.0 /	9.53273 (63, 2)	9.42161 (63, 2)	8.58724 (55, 8)	8.18261 (223, 7)	11.48919 (129, 4)
80.0 /	9.55361 (55, 8)	7.56131 (25, 8)	7.39273 (40, 7)	7.87927 (40, 7)	9.27332 (247, 5)
70.0 /	7.91003 (25, 8)	6.76080 (118, 1)	6.80935 (353, 8)	7.65697 (118, 1)	8.69269 (353, 8)
60.0 /	7.67187 (59, 1)	8.11920 (59, 1)	8.69188 (59, 1)	9.29501 (59, 1)	12.34152 (164, 4)
50.0 /	8.12963 (58, 8)	8.50608 (58, 7)	7.95541 (234, 7)	8.62841 (234, 7)	10.93840 (239, 8)
40.0 /	8.20395 (108, 1)	6.25696 (108, 1)	5.53198 (16, 7)	5.63837 (16, 7)	12.01633 (110, 5)
30.0 /	9.65151 (108, 1)	8.45883 (213, 1)	9.02038 (213, 1)	9.61068 (213, 1)	16.99099 (238, 4)
20.0 /	8.90864 (80, 2)	7.53903 (209, 8)	7.44117 (80, 2)	7.52296 (80, 2)	18.82738 (205, 5)
10.0 /	10.02609 (80, 2)	8.66856 (15, 8)	8.90942 (240, 1)	9.16045 (15, 8)	19.36572 (166, 4)

SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1982

SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER)
FROM ALL SOURCES
FOR THE RECEPTOR GRID

MAXIMUM VALUE EQUALS 54.00225 AND OCCURRED AT (10000.0, 180.0)

DIRECTION / (DEGREES) /	RANGE (METERS) 1200.0	1500.0	2000.0	3000.0	4000.0
360.0 /	21.38966 (221, 4)	21.40389 (177, 4)	24.02110 (212, 5)	27.63235 (177, 5)	26.71164 (192, 3)
350.0 /	21.01953 (177, 4)	19.86906 (192, 4)	22.02365 (221, 4)	25.63663 (201, 4)	24.87443 (201, 4)
340.0 /	21.52701 (268, 4)	20.62973 (177, 4)	17.53660 (95, 5)	23.77823 (154, 4)	26.07784 (263, 4)
330.0 /	20.42450 (177, 4)	19.96362 (255, 5)	23.08159 (229, 4)	25.10508 (229, 4)	25.18208 (263, 4)
320.0 /	22.95519 (223, 4)	25.63146 (223, 4)	21.78124 (223, 4)	25.61829 (193, 4)	23.35020 (193, 4)
310.0 /	23.34824 (262, 4)	24.48127 (105, 4)	21.02764 (109, 5)	22.43481 (109, 5)	21.60922 (218, 4)
300.0 /	23.13130 (194, 4)	21.94143 (194, 4)	23.32971 (109, 5)	26.30353 (6, 7)	32.10459 (6, 7)
290.0 /	21.17703 (193, 5)	19.35170 (144, 6)	20.21684 (105, 4)	20.22812 (144, 6)	21.71068 (338, 7)
280.0 /	20.81165 (223, 4)	19.95728 (223, 4)	22.55826 (126, 4)	24.54513 (359, 1)	31.17492 (194, 5)
270.0 /	29.32270 (223, 4)	27.80204 (223, 4)	26.10700 (159, 4)	28.42416 (223, 5)	24.98386 (305, 6)
260.0 /	25.15721 (223, 4)	24.48536 (159, 4)	21.70759 (145, 5)	30.54728 (305, 4)	31.10921 (197, 5)
250.0 /	19.55396 (270, 4)	22.85384 (270, 4)	24.32473 (270, 4)	25.18235 (270, 4)	27.40428 (28, 7)
240.0 /	24.62768 (270, 4)	25.19085 (270, 4)	22.47737 (187, 4)	22.57485 (119, 4)	23.13367 (119, 4)
230.0 /	23.27699 (136, 4)	23.74914 (224, 4)	22.09491 (224, 4)	21.75906 (136, 4)	27.42021 (258, 7)
220.0 /	22.49323 (136, 4)	22.92236 (224, 4)	18.30516 (111, 5)	22.05896 (94, 5)	27.57148 (294, 4)
210.0 /	19.91475 (108, 4)	18.54314 (248, 5)	19.61164 (108, 4)	26.50545 (158, 4)	25.82161 (292, 7)
200.0 /	15.73109 (216, 4)	15.82887 (216, 4)	19.70722 (174, 5)	22.37459 (158, 4)	22.03167 (174, 5)
190.0 /	23.21404 (216, 4)	22.36415 (216, 4)	18.64470 (216, 4)	19.47741 (113, 1)	24.38256 (113, 1)
180.0 /	20.95388 (216, 4)	20.03960 (216, 4)	25.09007 (311, 2)	32.04302 (68, 2)	40.53201 (68, 2)
170.0 /	22.21918 (247, 4)	23.07283 (118, 4)	21.88560 (224, 4)	22.36829 (118, 4)	27.04923 (27, 2)
160.0 /	19.58324 (129, 5)	23.19025 (129, 5)	20.70938 (224, 4)	21.34942 (27, 1)	26.43161 (347, 2)
150.0 /	14.43186 (129, 5)	20.89160 (129, 5)	24.06655 (246, 4)	23.48489 (108, 5)	22.18404 (129, 5)
140.0 /	12.99007 (206, 4)	14.89971 (207, 4)	18.50153 (108, 5)	24.87823 (108, 5)	25.27276 (108, 5)
130.0 /	21.76949 (206, 4)	22.49840 (233, 4)	18.68653 (233, 4)	18.50296 (226, 5)	20.54040 (77, 4)
120.0 /	22.92595 (233, 4)	25.75352 (233, 4)	22.10548 (233, 4)	20.49185 (50, 8)	24.84736 (10, 1)
110.0 /	23.06039 (207, 4)	23.22547 (186, 4)	19.32458 (186, 4)	17.63958 (78, 8)	21.30819 (78, 8)
100.0 /	17.74673 (186, 4)	16.96579 (186, 4)	17.28191 (185, 4)	19.80621 (214, 4)	21.95997 (9, 8)
90.0 /	18.38320 (247, 5)	16.63273 (247, 5)	18.85690 (129, 4)	22.77145 (236, 4)	22.40418 (236, 4)
80.0 /	13.08603 (164, 4)	13.23395 (129, 4)	17.38496 (152, 4)	21.10334 (180, 7)	23.94011 (175, 4)
70.0 /	14.04312 (255, 4)	19.76015 (255, 4)	19.86662 (237, 4)	22.54751 (237, 4)	22.13530 (353, 8)
60.0 /	21.34167 (164, 4)	24.24255 (164, 4)	24.34719 (255, 4)	26.42866 (175, 5)	27.07670 (179, 4)
50.0 /	19.68370 (255, 4)	26.24656 (255, 4)	22.35678 (237, 5)	23.30901 (226, 4)	23.79836 (214, 7)
40.0 /	19.80576 (238, 4)	19.26207 (185, 4)	21.12852 (178, 5)	21.76525 (226, 4)	20.14086 (112, 4)
30.0 /	24.35916 (225, 4)	28.00062 (225, 4)	28.01673 (225, 4)	27.21273 (205, 4)	24.41425 (238, 4)
20.0 /	27.90533 (238, 4)	31.88550 (225, 4)	31.22175 (225, 4)	27.51685 (205, 4)	26.15489 (205, 4)
10.0 /	21.90375 (166, 4)	23.82440 (238, 5)	22.08102 (238, 5)	24.13512 (200, 5)	22.68028 (201, 5)

SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1982

SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER)
FROM ALL SOURCES
FOR THE RECEPTOR GRID

MAXIMUM VALUE EQUALS 54.00225 AND OCCURRED AT (10000.0, 180.0)

DIRECTION / (DEGREES) /	RANGE (METERS) 5000.0	6000.0	7000.0	8000.0	9000.0
360.0 /	27.58915 (199, 5)	26.21471 (81, 2)	27.28677 (192, 3)	25.64341 (192, 3)	26.05875 (21, 1)
350.0 /	25.24360 (117, 1)	27.78089 (117, 1)	30.06839 (117, 1)	31.84690 (117, 1)	33.37596 (117, 1)
340.0 /	26.01663 (23, 2)	28.53526 (23, 2)	30.57363 (23, 2)	32.37950 (209, 2)	33.97664 (209, 2)
330.0 /	22.37412 (263, 4)	23.00236 (165, 7)	24.22763 (165, 7)	25.03973 (165, 7)	25.51825 (165, 7)
320.0 /	21.27689 (156, 1)	23.00986 (3, 2)	24.87133 (156, 1)	26.06166 (156, 1)	27.02275 (156, 1)
310.0 /	20.12400 (155, 4)	20.98090 (34, 1)	21.72186 (34, 1)	22.07608 (34, 1)	22.14504 (172, 7)
300.0 /	35.96669 (6, 7)	39.00569 (6, 7)	41.31952 (6, 7)	42.77657 (6, 7)	43.74160 (6, 7)
290.0 /	24.33685 (71, 7)	26.60353 (71, 7)	28.38815 (71, 7)	29.73675 (71, 7)	30.70740 (71, 7)
280.0 /	30.89532 (143, 1)	33.64767 (143, 1)	35.73236 (143, 1)	37.23503 (143, 1)	38.24914 (143, 1)
270.0 /	27.51519 (305, 6)	30.20919 (359, 2)	30.19902 (90, 7)	31.41084 (90, 7)	32.28491 (90, 7)
260.0 /	28.34256 (305, 4)	26.11831 (196, 7)	27.52368 (196, 7)	28.44983 (196, 7)	28.98993 (196, 7)
250.0 /	31.07008 (28, 7)	33.83726 (28, 7)	35.82414 (28, 7)	37.16468 (28, 7)	37.98576 (28, 7)
240.0 /	23.86695 (131, 8)	25.39657 (131, 8)	26.51279 (131, 8)	27.15139 (131, 8)	27.50908 (131, 8)
230.0 /	31.41762 (258, 7)	34.64993 (258, 7)	36.84523 (97, 7)	37.94259 (97, 7)	38.52227 (97, 7)
220.0 /	27.84950 (317, 5)	29.43336 (294, 4)	30.20985 (134, 2)	32.06152 (134, 2)	33.62902 (134, 2)
210.0 /	28.53604 (324, 7)	31.29576 (324, 7)	33.41147 (324, 7)	34.96457 (324, 7)	35.82404 (242, 1)
200.0 /	21.02748C(139, 2)	22.98377C(139, 2)	24.72136C(139, 2)	26.01131C(139, 2)	27.09054C(139, 2)
190.0 /	27.31965 (113, 1)	29.40124 (113, 1)	30.77674 (113, 1)	31.59155 (113, 1)	31.97272 (113, 1)
180.0 /	45.56823 (68, 2)	49.17919 (68, 2)	51.60359 (68, 2)	53.08046 (68, 2)	53.82158 (68, 2)
170.0 /	30.53180 (27, 2)	33.12059 (27, 2)	34.94217 (27, 2)	36.13422 (27, 2)	36.82494 (27, 2)
160.0 /	29.51578 (347, 2)	31.67488 (347, 2)	33.08270 (347, 2)	33.90098 (347, 2)	34.26743 (347, 2)
150.0 /	18.21560 (299, 3)	19.16491 (351, 8)	19.91298 (351, 8)	21.07247 (61, 2)	22.19668 (61, 2)
140.0 /	25.56855 (289, 2)	25.88443 (352, 1)	26.90199 (352, 1)	27.43813 (352, 1)	27.61269 (352, 1)
130.0 /	21.47968 (77, 4)	21.52180 (352, 1)	22.36716 (352, 1)	22.80560 (352, 1)	22.94121 (352, 1)
120.0 /	27.82981 (10, 1)	29.94799 (10, 1)	31.34884 (10, 1)	32.17902 (10, 1)	32.56813 (10, 1)
110.0 /	24.21238 (78, 8)	26.82723 (78, 8)	29.12622 (78, 8)	30.86582 (78, 8)	32.31476 (78, 8)
100.0 /	21.86022 (185, 4)	19.52237 (288, 7)	20.82522 (288, 7)	21.75672 (288, 7)	22.38230 (288, 7)
90.0 /	22.51396 (52, 7)	24.56597 (52, 7)	25.98449 (52, 7)	26.88281 (52, 7)	27.37008 (52, 7)
80.0 /	24.04286 (175, 4)	23.01476 (175, 4)	22.84325 (40, 7)	24.13433 (40, 7)	25.15747 (40, 7)
70.0 /	24.18927 (206, 4)	21.91531 (206, 4)	21.58448 (80, 7)	22.03388 (80, 7)	22.39235 (49, 2)
60.0 /	22.28858 (179, 4)	20.29210 (59, 1)	21.87017 (59, 1)	22.89002 (59, 1)	23.81103 (59, 1)
50.0 /	26.74472 (214, 7)	28.89430 (214, 7)	30.36832 (214, 7)	31.29503 (214, 7)	31.79137 (214, 7)
40.0 /	18.36778 (152, 7)	19.21176 (112, 4)	19.92498 (41, 1)	21.15840 (41, 1)	21.51268 (152, 7)
30.0 /	20.59786 (238, 4)	20.01278 (23, 8)	21.15958 (23, 8)	21.92206 (23, 8)	22.37847 (23, 8)
20.0 /	22.62783 (205, 4)	21.69349 (317, 2)	23.23153 (317, 2)	24.45731 (317, 2)	25.40401 (317, 2)
10.0 /	20.82430 (200, 5)	21.50149 (63, 1)	22.94633 (184, 7)	24.16467 (184, 7)	25.10873 (184, 7)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1982 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 54.00225 AND OCCURRED AT (10000.0, 180.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 10000.0	11000.0	12000.0	13000.0	14000.0
360.0 /	27.05540 (21, 1)	27.96385 (21, 1)	28.78815 (21, 1)	29.53300 (21, 1)	30.20328 (21, 1)
350.0 /	34.67598 (117, 1)	35.59094 (117, 1)	36.34969 (117, 1)	36.97206 (117, 1)	37.47612 (117, 1)
340.0 /	35.32632 (209, 2)	36.27499 (209, 2)	37.05299 (209, 2)	37.68190 (209, 2)	38.18155 (209, 2)
330.0 /	25.73334 (165, 7)	25.57044 (165, 7)	25.29073 (165, 7)	24.92586 (165, 7)	25.06695 (194, 1)
320.0 /	27.78462 (156, 1)	28.25045 (156, 1)	28.59304 (156, 1)	28.83230 (156, 1)	28.98492 (156, 1)
310.0 /	22.69323 (172, 7)	23.06067 (240, 7)	23.42635 (240, 7)	23.67549 (240, 7)	23.82647 (240, 7)
300.0 /	44.31634 (6, 7)	44.38126 (6, 7)	44.25505 (6, 7)	43.98291 (6, 7)	43.59982 (6, 7)
290.0 /	31.35911 (71, 7)	31.50563 (71, 7)	31.48195 (71, 7)	31.32435 (71, 7)	31.06194 (71, 7)
280.0 /	38.86286 (143, 1)	38.87183 (143, 1)	38.68325 (143, 1)	38.34344 (143, 1)	37.88911 (143, 1)
270.0 /	32.88768 (90, 7)	33.14494 (90, 7)	33.26060 (90, 7)	33.26426 (90, 7)	33.17960 (90, 7)
260.0 /	29.22539 (196, 7)	29.03543 (196, 7)	28.70898 (196, 7)	28.28309 (196, 7)	27.93162 (282, 7)
250.0 /	38.39649 (28, 7)	38.23980 (28, 7)	37.89751 (28, 7)	37.41875 (28, 7)	36.84120 (28, 7)
240.0 /	27.64570 (131, 8)	27.47099 (131, 8)	27.19773 (131, 8)	26.85257 (131, 8)	26.45543 (131, 8)
230.0 /	38.70326 (97, 7)	38.34439 (97, 7)	37.82011 (97, 7)	37.17933 (97, 7)	36.45840 (97, 7)
220.0 /	34.93765 (134, 2)	35.81642 (134, 2)	36.51870 (134, 2)	37.06743 (134, 2)	37.30282 (158, 1)
210.0 /	36.51669 (242, 1)	36.62839 (242, 1)	36.54296 (242, 1)	36.30447 (242, 1)	35.94847 (242, 1)
200.0 /	27.97993C(139, 2)	28.56483C(139, 2)	29.02247C(139, 2)	29.37064C(139, 2)	29.56577 (341, 8)
190.0 /	32.02472 (113, 1)	31.64676 (113, 1)	31.13689 (113, 1)	31.29530 (357, 1)	31.88297 (357, 1)
180.0 /	54.00225 (68, 2)	53.43384 (68, 2)	52.63887 (68, 2)	51.68551 (68, 2)	50.62526 (68, 2)
170.0 /	37.12431 (27, 2)	36.88352 (27, 2)	36.47192 (27, 2)	35.93627 (27, 2)	35.31260 (27, 2)
160.0 /	34.29322 (347, 2)	33.86492 (347, 2)	33.30265 (347, 2)	32.64821 (347, 2)	31.93263 (347, 2)
150.0 /	23.09644 (61, 2)	23.60222 (61, 2)	23.82319 (299, 3)	23.73211 (299, 3)	23.56179 (299, 3)
140.0 /	27.52010 (352, 1)	27.07938 (352, 1)	26.54375 (352, 1)	25.94698 (352, 1)	25.31313 (352, 1)
130.0 /	22.85566 (352, 1)	22.48730 (352, 1)	22.04232 (352, 1)	21.54782 (352, 1)	21.02369 (352, 1)
120.0 /	32.62299 (10, 1)	32.23168 (10, 1)	31.70844 (10, 1)	31.95876 (112, 1)	32.73210 (112, 1)
110.0 /	33.50203 (78, 8)	34.27811 (78, 8)	34.87651 (78, 8)	35.32166 (78, 8)	35.63559 (78, 8)
100.0 /	22.76107 (288, 7)	22.78925 (288, 7)	22.69800 (288, 7)	22.51538 (288, 7)	22.26407 (288, 7)
90.0 /	27.54073 (52, 7)	27.30938 (52, 7)	26.94254 (52, 7)	26.48031 (52, 7)	25.95270 (52, 7)
80.0 /	25.94168 (40, 7)	26.29562 (40, 7)	26.50547 (40, 7)	26.59599 (40, 7)	26.58807 (40, 7)
70.0 /	23.11017 (49, 2)	23.44084 (49, 2)	23.63320 (49, 2)	23.71211 (49, 2)	23.69903 (49, 2)
60.0 /	24.63966 (59, 1)	25.38045 (59, 1)	26.03881 (59, 1)	26.62045 (59, 1)	27.13108 (59, 1)
50.0 /	31.95599 (214, 7)	31.66793 (214, 7)	31.24141 (214, 7)	30.71661 (214, 7)	30.12401 (214, 7)
40.0 /	21.52768 (152, 7)	21.26048 (152, 7)	21.50238 (25, 6)	21.87602 (25, 6)	22.16027 (25, 6)
30.0 /	22.66015 (169, 8)	22.84160 (169, 8)	22.89287 (169, 8)	22.84076 (169, 8)	22.70765 (169, 8)
20.0 /	26.10789 (317, 2)	26.38808 (317, 2)	26.52904 (317, 2)	26.55635 (317, 2)	26.49138 (317, 2)
10.0 /	25.81371 (184, 7)	26.09938 (184, 7)	26.24727 (184, 7)	26.28252 (184, 7)	26.22612 (184, 7)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1982 ***

* 50 MAXIMUM 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM ALL SOURCES *

RANK	CON.	PER.	DAY	X OR RANGE (METERS)	Y(METERS) OR DIRECTION (DEGREES)	RANK	CON.	PER.	DAY	X OR RANGE (METERS)	Y(METERS) OR DIRECTION (DEGREES)
1	62.97399	2	311	10000.0	180.0	26	49.45065	7	107	7000.0	300.0
2	62.63379	2	311	9000.0	180.0	27	49.17919	2	68	6000.0	180.0
3	62.43483	2	311	11000.0	180.0	28	47.15131	8	209	14000.0	20.0
4	61.62701	2	311	8000.0	180.0	29	46.94387	7	107	6000.0	300.0
5	61.62017	2	311	12000.0	180.0	30	46.80360	8	209	13000.0	20.0
6	60.60983	2	311	13000.0	180.0	31	46.26529	8	209	12000.0	20.0
7	59.74763	2	311	7000.0	180.0	32	46.25613	2	311	4000.0	180.0
8	59.46500	2	311	14000.0	180.0	33	45.56823	2	68	5000.0	180.0
9	56.74660	2	311	6000.0	180.0	34	45.50142	8	209	11000.0	20.0
10	54.00225	2	68	10000.0	180.0	35	44.94087	1	311	10000.0	170.0
11	53.82158	2	68	9000.0	180.0	36	44.74453	1	359	10000.0	280.0
12	53.43384	2	68	11000.0	180.0	37	44.62992	1	311	11000.0	170.0
13	53.08046	2	68	8000.0	180.0	38	44.62114	1	311	9000.0	170.0
14	52.63887	2	68	12000.0	180.0	39	44.57669	1	359	11000.0	280.0
15	52.34253	2	311	5000.0	180.0	40	44.47378	8	209	10000.0	20.0
16	52.29849	7	107	10000.0	300.0	41	44.38126	7	6	11000.0	300.0
17	51.95329	7	107	9000.0	300.0	42	44.31634	7	6	10000.0	300.0
18	51.89682	7	107	11000.0	300.0	43	44.25511	1	359	9000.0	280.0
19	51.68551	2	68	13000.0	180.0	44	44.25505	7	6	12000.0	300.0
20	51.60359	2	68	7000.0	180.0	45	44.19183	1	359	12000.0	280.0
21	51.26031	7	107	12000.0	300.0	46	44.11604	1	311	12000.0	170.0
22	51.05725	7	107	8000.0	300.0	47	43.98291	7	6	13000.0	300.0
23	50.62526	2	68	14000.0	180.0	48	43.82417	1	311	8000.0	170.0
24	50.45583	7	107	13000.0	300.0	49	43.79893	2	119	11000.0	190.0
25	49.53401	7	107	14000.0	300.0	50	43.74160	7	6	9000.0	300.0

SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1982

HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER)
FROM ALL SOURCES
FOR THE RECEPTOR GRID

MAXIMUM VALUE EQUALS 13.65846 AND OCCURRED AT (10000.0, 180.0)

DIRECTION / (DEGREES) /	RANGE (METERS) 200.0	400.0	600.0	800.0	1000.0
360.0 /	3.14834C(240, 1)	2.30059 (152, 1)	1.90859 (152, 1)	1.83235C(80, 1)	2.88203 (177, 1)
350.0 /	2.82828C(333, 1)	2.11574 (264, 1)	1.86941 (174, 1)	2.02836 (174, 1)	3.43510C(206, 1)
340.0 /	3.24209C(7, 1)	2.67534C(333, 1)	2.42647C(333, 1)	2.58286C(364, 1)	3.27632C(206, 1)
330.0 /	3.55582C(7, 1)	2.53821C(7, 1)	2.17975C(194, 1)	2.27157C(165, 1)	3.41495C(268, 1)
320.0 /	2.97665C(194, 1)	2.54931C(363, 1)	2.46936C(363, 1)	2.50526C(363, 1)	3.24029C(268, 1)
310.0 /	3.57476C(286, 1)	2.70928C(19, 1)	2.42409C(19, 1)	2.30629C(19, 1)	3.86016C(262, 1)
300.0 /	3.36334C(286, 1)	2.38619C(286, 1)	2.32998 (211, 1)	2.49839 (211, 1)	2.93584 (144, 1)
290.0 /	2.38772C(106, 1)	2.13941C(106, 1)	1.68239C(106, 1)	1.64381C(92, 1)	3.08002C(193, 1)
280.0 /	2.47706C(106, 1)	2.47046 (361, 1)	2.25356 (361, 1)	2.18062 (361, 1)	3.04947C(159, 1)
270.0 /	2.48343 (337, 1)	2.64154 (337, 1)	2.35628 (337, 1)	2.23602 (337, 1)	4.01789C(159, 1)
260.0 /	2.75608 (360, 1)	3.08384 (360, 1)	2.89939 (360, 1)	2.84629 (360, 1)	3.85502 (223, 1)
250.0 /	3.03456 (336, 1)	2.41161 (30, 1)	2.17202 (30, 1)	2.09962 (30, 1)	2.18927 (270, 1)
240.0 /	3.45903 (90, 1)	2.90285 (90, 1)	2.57218 (90, 1)	2.35029 (90, 1)	3.3506BC(136, 1)
230.0 /	3.29142 (281, 1)	2.60381 (303, 1)	2.26436 (89, 1)	2.18167 (89, 1)	4.30880C(136, 1)
220.0 /	3.30736 (281, 1)	2.48310C(331, 1)	2.40291 (123, 1)	2.47293 (123, 1)	3.32300C(111, 1)
210.0 /	3.01770C(331, 1)	2.33600 (271, 1)	2.19497 (324, 1)	2.38285 (324, 1)	2.69243 (324, 1)
200.0 /	3.27610 (280, 1)	2.49293 (271, 1)	2.12415 (271, 1)	2.00961 (271, 1)	2.08180C(249, 1)
190.0 /	3.16185 (323, 1)	3.37223 (323, 1)	3.15401 (323, 1)	3.07542 (323, 1)	3.07606 (323, 1)
180.0 /	3.00823 (256, 1)	2.83461 (256, 1)	2.87348 (313, 1)	3.15213 (313, 1)	3.53912 (313, 1)
170.0 /	2.88327 (256, 1)	2.43999 (27, 1)	2.16061 (27, 1)	2.06178 (27, 1)	2.68764C(247, 1)
160.0 /	2.59267 (258, 1)	2.81660 (258, 1)	2.63182 (258, 1)	2.56668 (258, 1)	2.57535 (258, 1)
150.0 /	2.14579C(259, 1)	1.27665C(259, 1)	1.23386 (351, 1)	1.26168 (351, 1)	1.66239C(224, 1)
140.0 /	1.84967C(259, 1)	1.37000 (289, 1)	1.42162 (289, 1)	1.44334 (289, 1)	1.80573C(206, 1)
130.0 /	1.93654C(16, 1)	1.57261C(103, 1)	1.43780C(104, 1)	1.49710C(206, 1)	3.39759C(206, 1)
120.0 /	2.16801C(261, 1)	2.32237 (10, 1)	2.27572 (10, 1)	2.32661 (10, 1)	3.37111C(206, 1)
110.0 /	2.65462C(77, 1)	2.61428C(77, 1)	2.61847C(261, 1)	2.72496C(261, 1)	2.87550C(261, 1)
100.0 /	2.81813C(55, 1)	1.86203C(55, 1)	1.60254C(55, 1)	1.54612C(55, 1)	1.79661 (186, 1)
90.0 /	3.64154C(55, 1)	2.70864C(55, 1)	2.13841C(55, 1)	1.79307C(55, 1)	2.1619B (129, 1)
80.0 /	3.46609C(55, 1)	2.48151C(54, 1)	2.45684C(54, 1)	2.49021C(54, 1)	2.52949C(54, 1)
70.0 /	2.47837C(55, 1)	1.59946C(353, 1)	1.44599C(353, 1)	1.41443C(353, 1)	1.86478 (185, 1)
60.0 /	1.74489C(75, 1)	1.95504 (181, 1)	1.97256C(237, 1)	2.17002C(237, 1)	2.75842C(237, 1)
50.0 /	2.01446C(239, 1)	1.93004C(58, 1)	2.02562C(353, 1)	2.14343C(353, 1)	2.79557 (185, 1)
40.0 /	2.15749 (108, 1)	1.38092C(214, 1)	1.21702 (186, 1)	1.21365 (186, 1)	2.42113 (185, 1)
30.0 /	2.58331 (108, 1)	2.28947 (108, 1)	2.15790 (108, 1)	2.07575 (108, 1)	4.07709 (238, 1)
20.0 /	2.32343 (108, 1)	2.02161C(209, 1)	2.07517C(209, 1)	2.15200C(209, 1)	4.63996 (238, 1)
10.0 /	2.86291C(80, 1)	2.23053 (152, 1)	1.84374 (152, 1)	1.83612C(205, 1)	3.56756 (177, 1)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1982 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 13.65846 AND OCCURRED AT (10000.0, 180.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 1200.0	1500.0	2000.0	3000.0	4000.0
360.0 /	4.10984 (177, 1)	5.34760 (177, 1)	6.20129 (177, 1)	7.21023 (173, 1)	8.70406 (173, 1)
350.0 /	4.07555C(221, 1)	4.20185C(221, 1)	5.53464C(204, 1)	6.38618C(204, 1)	6.06056C(204, 1)
340.0 /	3.62824C(268, 1)	3.72234C(268, 1)	4.94299C(204, 1)	5.58805C(232, 1)	6.78488C(364, 1)
330.0 /	5.43648C(268, 1)	5.32441C(268, 1)	4.45784C(268, 1)	5.42014C(263, 1)	5.80693C(165, 1)
320.0 /	5.19418C(268, 1)	5.06732C(268, 1)	7.25616C(103, 1)	9.09794C(103, 1)	8.66350C(103, 1)
310.0 /	4.57127C(262, 1)	4.90172C(262, 1)	5.42250C(103, 1)	6.26956C(103, 1)	5.87030 (144, 1)
300.0 /	4.30374C(105, 1)	5.26479 (144, 1)	6.02877C(228, 1)	8.27576C(92, 1)	9.62363C(92, 1)
290.0 /	3.72427 (144, 1)	4.72034 (144, 1)	6.36006C(92, 1)	8.89804C(92, 1)	10.10135C(92, 1)
280.0 /	4.12141C(159, 1)	5.09248 (126, 1)	7.23659 (126, 1)	8.34944 (126, 1)	7.77819 (126, 1)
270.0 /	5.47724 (223, 1)	7.09779 (223, 1)	8.11414 (223, 1)	7.78834 (223, 1)	6.30467 (223, 1)
260.0 /	6.28074 (223, 1)	8.53451 (223, 1)	9.95867 (223, 1)	9.63592 (223, 1)	8.13690 (305, 1)
250.0 /	3.57746 (223, 1)	4.87084 (223, 1)	5.39518 (223, 1)	5.38815 (102, 1)	6.15264 (293, 1)
240.0 /	4.58627C(136, 1)	5.67306C(136, 1)	6.22326C(136, 1)	5.72114 (242, 1)	6.23542 (305, 1)
230.0 /	5.43740C(136, 1)	6.06668C(136, 1)	6.43992C(136, 1)	6.61438C(125, 1)	7.16597C(125, 1)
220.0 /	4.50875C(111, 1)	4.32956C(111, 1)	4.59348 (123, 1)	6.32798 (94, 1)	7.24427 (123, 1)
210.0 /	2.98492C(111, 1)	3.40090 (324, 1)	4.67564 (158, 1)	5.81235 (324, 1)	7.31450 (324, 1)
200.0 /	2.72843 (118, 1)	3.09083C(249, 1)	4.02196 (158, 1)	4.66475 (267, 1)	5.38262 (267, 1)
190.0 /	3.31689C(216, 1)	3.45693C(249, 1)	4.28219C(249, 1)	5.18010 (257, 1)	6.11120 (257, 1)
180.0 /	3.88836 (118, 1)	4.50633 (313, 1)	5.71029 (311, 1)	7.98077 (311, 1)	10.06585 (311, 1)
170.0 /	3.11443C(224, 1)	3.54094C(246, 1)	3.29898 (5, 1)	4.41151 (5, 1)	5.40906 (5, 1)
160.0 /	3.74830C(246, 1)	5.97527C(246, 1)	5.76553C(246, 1)	5.69077 (351, 1)	7.04880 (351, 1)
150.0 /	4.50564C(246, 1)	6.89276C(246, 1)	6.69548C(246, 1)	5.59330C(246, 1)	4.90917C(246, 1)
140.0 /	3.66292C(246, 1)	5.66535C(246, 1)	5.22452C(246, 1)	5.32312 (129, 1)	5.02053 (129, 1)
130.0 /	4.00242C(206, 1)	4.18713C(207, 1)	3.92191C(206, 1)	4.20495C(56, 1)	4.89154C(56, 1)
120.0 /	4.85266C(207, 1)	5.04084C(207, 1)	4.30585 (50, 1)	5.94924 (50, 1)	7.06882 (50, 1)
110.0 /	3.84340C(207, 1)	4.06954 (185, 1)	4.44239 (185, 1)	4.75847C(261, 1)	5.52674C(261, 1)
100.0 /	2.68598 (129, 1)	3.03057 (185, 1)	4.10876 (182, 1)	4.88267 (182, 1)	5.07232 (288, 1)
90.0 /	3.10415 (129, 1)	3.59076 (180, 1)	5.48462 (180, 1)	6.44878 (180, 1)	6.94494 (52, 1)
80.0 /	3.47270 (180, 1)	5.36452 (180, 1)	7.51288 (180, 1)	9.24354 (180, 1)	9.84640 (180, 1)
70.0 /	2.91021C(164, 1)	3.30483C(164, 1)	5.17863 (179, 1)	6.64686 (179, 1)	6.10744 (179, 1)
60.0 /	3.90260C(237, 1)	6.24494C(237, 1)	8.67420C(237, 1)	10.38158C(237, 1)	10.57324C(237, 1)
50.0 /	3.63219 (185, 1)	4.37443C(255, 1)	5.89948C(237, 1)	6.53523C(237, 1)	6.57599C(353, 1)
40.0 /	3.33820 (238, 1)	3.89741 (238, 1)	4.51182C(164, 1)	6.04279C(164, 1)	5.69532C(164, 1)
30.0 /	6.68585 (238, 1)	7.71924 (238, 1)	7.45346 (238, 1)	6.39307 (238, 1)	5.73685 (225, 1)
20.0 /	7.52466 (238, 1)	8.74720 (238, 1)	8.55219 (238, 1)	7.34273 (238, 1)	6.34024 (238, 1)
10.0 /	5.47483 (238, 1)	6.07203 (238, 1)	7.14716C(201, 1)	8.59575C(201, 1)	8.44064C(201, 1)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1982 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 13.65846 AND OCCURRED AT (10000.0, 180.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 5000.0	6000.0	7000.0	8000.0	9000.0
360.0 /	8.84803 (173, 1)	8.30121 (173, 1)	7.50694 (173, 1)	6.68716 (173, 1)	6.44538 (210, 1)
350.0 /	6.16345 (174, 1)	6.79341 (174, 1)	7.31360 (174, 1)	7.71441 (174, 1)	8.02499 (174, 1)
340.0 /	7.66746C(364, 1)	8.41823C(364, 1)	9.03619C(364, 1)	9.52934C(364, 1)	9.91043C(364, 1)
330.0 /	6.52697C(165, 1)	7.12067C(165, 1)	7.59630C(165, 1)	7.93546C(165, 1)	8.18551C(165, 1)
320.0 /	7.79584C(103, 1)	7.09885C(103, 1)	6.60139C(103, 1)	6.25048C(103, 1)	6.26222C(7, 1)
310.0 /	5.64684 (144, 1)	5.37702 (144, 1)	5.50715 (34, 1)	5.64485 (34, 1)	5.71949 (34, 1)
300.0 /	10.45838C(107, 1)	11.00078C(107, 1)	11.31697C(107, 1)	11.45092C(107, 1)	11.48204C(107, 1)
290.0 /	10.32741C(92, 1)	10.19102C(92, 1)	9.91755C(92, 1)	9.60519C(92, 1)	9.29727C(92, 1)
280.0 /	7.03253 (359, 1)	7.60180 (359, 1)	7.99127 (359, 1)	8.23416 (359, 1)	8.36153 (359, 1)
270.0 /	6.11787 (197, 1)	6.12688C(136, 1)	6.13607C(136, 1)	6.43514 (144, 1)	6.71126 (144, 1)
260.0 /	8.09739 (305, 1)	7.77843 (305, 1)	7.42435 (305, 1)	7.10141 (305, 1)	7.25219 (188, 1)
250.0 /	6.37126 (293, 1)	6.22958 (28, 1)	6.30480 (28, 1)	6.30274 (28, 1)	6.25105 (28, 1)
240.0 /	7.03912 (305, 1)	7.49141 (305, 1)	7.70031 (305, 1)	7.76056 (305, 1)	7.73459 (305, 1)
230.0 /	7.60868 (97, 1)	7.86482 (97, 1)	7.96157 (97, 1)	7.96576 (97, 1)	7.91176 (97, 1)
220.0 /	7.92224 (123, 1)	8.34966 (123, 1)	8.61461 (123, 1)	8.71151 (123, 1)	8.74148 (123, 1)
210.0 /	8.27763 (324, 1)	9.03255 (324, 1)	9.59865 (324, 1)	10.00214 (324, 1)	10.27037 (324, 1)
200.0 /	5.81400 (267, 1)	6.08604 (267, 1)	6.24454 (267, 1)	6.30164 (267, 1)	6.47507 (69, 1)
190.0 /	6.37770 (257, 1)	6.76727 (310, 1)	7.05853 (310, 1)	7.20814 (310, 1)	7.25045 (310, 1)
180.0 /	11.33516 (311, 1)	12.26793 (311, 1)	12.91569 (311, 1)	13.33216 (311, 1)	13.56605 (311, 1)
170.0 /	6.08287 (5, 1)	6.62196 (5, 1)	7.04026 (5, 1)	7.31674 (5, 1)	7.50864 (5, 1)
160.0 /	7.81599 (351, 1)	8.33968 (351, 1)	8.66508 (351, 1)	8.83576 (351, 1)	8.88927 (351, 1)
150.0 /	5.04401 (351, 1)	5.42503 (351, 1)	5.67885 (351, 1)	5.82963 (351, 1)	5.89971 (351, 1)
140.0 /	4.79402C(56, 1)	4.44879 (11, 1)	4.57897 (11, 1)	4.64433 (11, 1)	4.66580 (11, 1)
130.0 /	5.01925C(56, 1)	4.88272C(298, 1)	4.81893C(298, 1)	4.70675C(298, 1)	4.69473 (10, 1)
120.0 /	7.69482 (50, 1)	8.16914 (50, 1)	8.52372 (50, 1)	8.74003 (50, 1)	8.87396 (50, 1)
110.0 /	6.19386C(261, 1)	6.81973C(261, 1)	7.39638C(261, 1)	7.81508C(261, 1)	8.18200C(261, 1)
100.0 /	5.15892 (288, 1)	5.12460 (288, 1)	5.06668 (14, 1)	4.94574 (14, 1)	4.82999 (354, 1)
90.0 /	7.86109 (52, 1)	8.54420 (52, 1)	9.01976 (52, 1)	9.32109 (52, 1)	9.48521 (52, 1)
80.0 /	10.01005 (180, 1)	10.17310 (180, 1)	10.29925 (180, 1)	10.36480 (180, 1)	10.36699 (180, 1)
70.0 /	5.50697C(236, 1)	5.38189C(236, 1)	5.26417C(236, 1)	5.16577C(236, 1)	5.08492C(236, 1)
60.0 /	10.33527C(237, 1)	10.05343C(237, 1)	9.78520C(237, 1)	9.51024C(237, 1)	9.26588C(237, 1)
50.0 /	7.32196C(353, 1)	7.85961C(353, 1)	8.22153C(353, 1)	8.43466C(353, 1)	8.53723C(353, 1)
40.0 /	4.81834C(164, 1)	4.86030 (152, 1)	4.88943 (152, 1)	4.85077 (152, 1)	4.77599 (152, 1)
30.0 /	5.20752 (225, 1)	4.85991 (225, 1)	4.84415 (213, 1)	4.92423 (213, 1)	5.00148 (213, 1)
20.0 /	5.63237 (238, 1)	5.48128C(209, 1)	5.84582C(209, 1)	6.15528C(209, 1)	6.41497C(209, 1)
10.0 /	7.83079C(201, 1)	7.16021C(201, 1)	6.56561C(201, 1)	6.05360C(201, 1)	5.64912C(201, 1)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1982 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 13.65846 AND OCCURRED AT (10000.0, 180.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 10000.0	11000.0	12000.0	13000.0	14000.0
360.0 /	6.45115 (210, 1)	6.39533 (210, 1)	6.32786 (210, 1)	6.25108 (210, 1)	6.16709 (210, 1)
350.0 /	8.25747 (174, 1)	8.36397 (174, 1)	8.42473 (174, 1)	8.44788 (174, 1)	8.44039 (174, 1)
340.0 /	10.19355C(364, 1)	10.30944C(364, 1)	10.36841C(364, 1)	10.38101C(364, 1)	10.35590C(364, 1)
330.0 /	8.36162C(165, 1)	8.42867C(165, 1)	8.45632C(165, 1)	8.45258C(165, 1)	8.42400C(165, 1)
320.0 /	6.36954C(7, 1)	6.41973C(7, 1)	6.44590C(7, 1)	6.45278C(7, 1)	6.44402C(7, 1)
310.0 /	5.74516 (34, 1)	5.70265 (34, 1)	5.63900 (34, 1)	5.56009 (34, 1)	5.47030 (34, 1)
300.0 /	11.43914C(107, 1)	11.29418C(107, 1)	11.12388C(107, 1)	10.93739C(107, 1)	10.74103C(107, 1)
290.0 /	9.01067C(92, 1)	8.70420C(92, 1)	8.42747C(92, 1)	8.17562C(92, 1)	7.94397C(92, 1)
280.0 /	8.39984 (359, 1)	8.31947 (359, 1)	8.20179 (359, 1)	8.05790 (359, 1)	7.89608 (359, 1)
270.0 /	6.92717 (144, 1)	7.04812 (144, 1)	7.13269 (144, 1)	7.18687 (144, 1)	7.21587 (144, 1)
260.0 /	7.45114 (188, 1)	7.53036 (188, 1)	7.56906 (188, 1)	7.57487 (188, 1)	7.55420 (188, 1)
250.0 /	6.16603 (28, 1)	6.02676 (28, 1)	5.87933 (28, 1)	5.82473 (348, 1)	5.77913 (348, 1)
240.0 /	7.65899 (305, 1)	7.51267 (305, 1)	7.35687 (305, 1)	7.26504 (321, 1)	7.20426 (321, 1)
230.0 /	7.81802 (97, 1)	7.65320 (97, 1)	7.47797 (97, 1)	7.29643 (97, 1)	7.11154 (97, 1)
220.0 /	8.72542 (123, 1)	8.64966 (123, 1)	8.55583 (123, 1)	8.44902 (123, 1)	8.33292 (123, 1)
210.0 /	10.42863 (324, 1)	10.42466 (324, 1)	10.36709 (324, 1)	10.26871 (324, 1)	10.13966 (324, 1)
200.0 /	6.63936 (69, 1)	6.71873 (69, 1)	6.76732 (69, 1)	6.79089 (69, 1)	6.79425 (69, 1)
190.0 /	7.22058C(249, 1)	7.26221C(249, 1)	7.27537C(249, 1)	7.26552C(249, 1)	7.23714C(249, 1)
180.0 /	13.65846 (311, 1)	13.55686 (311, 1)	13.39456 (311, 1)	13.18856 (311, 1)	12.95183 (311, 1)
170.0 /	7.63219 (5, 1)	7.66422 (5, 1)	7.66169 (5, 1)	7.63248 (5, 1)	7.58269 (5, 1)
160.0 /	8.85585 (351, 1)	8.70770 (351, 1)	8.52833 (351, 1)	8.32888 (351, 1)	8.11731 (351, 1)
150.0 /	5.90805 (351, 1)	5.92887 (297, 1)	5.91175 (297, 1)	5.86566 (297, 1)	5.79770 (297, 1)
140.0 /	4.65512 (11, 1)	4.59414 (11, 1)	4.52065 (11, 1)	4.43816 (11, 1)	4.34922 (11, 1)
130.0 /	4.77251 (10, 1)	4.77596 (10, 1)	4.75286 (10, 1)	4.70951 (10, 1)	4.65076 (10, 1)
120.0 /	8.94245 (50, 1)	8.91760 (50, 1)	8.86254 (50, 1)	8.78461 (50, 1)	8.68955 (50, 1)
110.0 /	8.50141C(261, 1)	8.75313C(261, 1)	8.96920C(261, 1)	9.15339C(261, 1)	9.30920C(261, 1)
100.0 /	4.79934 (354, 1)	4.74870 (354, 1)	4.69618 (354, 1)	4.64174 (354, 1)	4.58554 (354, 1)
90.0 /	9.54288 (52, 1)	9.46220 (52, 1)	9.33534 (52, 1)	9.17592 (52, 1)	8.99403 (52, 1)
80.0 /	10.31278 (180, 1)	10.15229 (180, 1)	9.96926 (180, 1)	9.77016 (180, 1)	9.56034 (180, 1)
70.0 /	5.01539C(236, 1)	4.92235C(236, 1)	4.83463C(236, 1)	4.74968C(236, 1)	4.66628C(236, 1)
60.0 /	9.04625C(237, 1)	8.81055C(237, 1)	8.59364C(237, 1)	8.39087C(237, 1)	8.19889C(237, 1)
50.0 /	8.55516C(353, 1)	8.46106C(353, 1)	8.33228C(353, 1)	8.17924C(353, 1)	8.00980C(353, 1)
40.0 /	4.68135 (152, 1)	4.55406 (152, 1)	4.42618 (152, 1)	4.30013 (152, 1)	4.17731 (152, 1)
30.0 /	5.07559 (213, 1)	5.14532 (213, 1)	5.20960 (213, 1)	5.26771 (213, 1)	5.31929 (213, 1)
20.0 /	6.62699C(209, 1)	6.74095C(209, 1)	6.82329C(209, 1)	6.87813C(209, 1)	6.90944C(209, 1)
10.0 /	5.33236C(201, 1)	5.07931C(201, 1)	4.87535C(201, 1)	4.75241C(171, 1)	4.74913C(171, 1)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1982 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 13.17932 AND OCCURRED AT (10000.0, 180.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 200.0	400.0	600.0	800.0	1000.0
360.0 /	2.84894C(80, 1)	2.13706C(80, 1)	1.90407C(80, 1)	1.69672C(226, 1)	2.65180 (166, 1)
350.0 /	2.76254C(240, 1)	2.04023C(333, 1)	1.78748 (264, 1)	1.86881C(345, 1)	3.02436C(221, 1)
340.0 /	2.89230C(333, 1)	2.45645C(364, 1)	2.41255C(364, 1)	2.36148C(333, 1)	3.08918 (177, 1)
330.0 /	3.11824C(194, 1)	2.45669C(194, 1)	2.14104C(165, 1)	2.15378C(194, 1)	2.48596C(165, 1)
320.0 /	2.82999C(7, 1)	2.49406C(7, 1)	2.38057C(7, 1)	2.45022C(7, 1)	2.99791C(262, 1)
310.0 /	3.14914C(19, 1)	2.47327 (362, 1)	2.16353 (362, 1)	2.05958C(262, 1)	2.61116 (144, 1)
300.0 /	2.57979C(19, 1)	2.31567 (211, 1)	2.14024C(286, 1)	2.29146C(107, 1)	2.74293 (211, 1)
290.0 /	2.32776C(253, 1)	1.70729 (361, 1)	1.63015C(92, 1)	1.51957C(193, 1)	2.35826 (144, 1)
280.0 /	2.08254 (337, 1)	2.25760C(106, 1)	2.04271C(106, 1)	1.92305C(106, 1)	2.95730C(193, 1)
270.0 /	2.27475 (285, 1)	2.06117 (360, 1)	1.96594 (359, 1)	1.96621 (359, 1)	3.49601 (223, 1)
260.0 /	2.49749 (336, 1)	2.06952 (188, 1)	2.12644 (188, 1)	2.21293 (188, 1)	3.05074C(159, 1)
250.0 /	2.64683 (90, 1)	2.23508 (336, 1)	1.75418 (336, 1)	1.56859C(252, 1)	2.14202 (223, 1)
240.0 /	2.83888 (336, 1)	2.44198 (336, 1)	2.15927 (336, 1)	2.02426 (336, 1)	2.89890C(111, 1)
230.0 /	3.12502 (90, 1)	2.50058 (89, 1)	2.11329 (303, 1)	2.04826C(136, 1)	3.67562C(111, 1)
220.0 /	3.00253C(331, 1)	2.46572 (303, 1)	2.22502 (303, 1)	2.12062 (303, 1)	3.27217C(136, 1)
210.0 /	2.85901 (280, 1)	2.32376C(331, 1)	2.16384 (271, 1)	2.07658 (271, 1)	2.12657 (271, 1)
200.0 /	2.50924C(70, 1)	2.45818 (280, 1)	2.04330C(249, 1)	1.93426C(249, 1)	2.00811 (271, 1)
190.0 /	3.08536 (280, 1)	2.43843 (280, 1)	2.18835C(70, 1)	2.15502C(249, 1)	2.74147C(216, 1)
180.0 /	2.85511 (323, 1)	2.80750 (301, 1)	2.78533 (301, 1)	2.91023 (301, 1)	3.18622 (311, 1)
170.0 /	2.60793 (258, 1)	2.38041 (258, 1)	1.88879 (245, 1)	1.87759 (5, 1)	2.10808 (27, 1)
160.0 /	2.52534 (28, 1)	2.52129 (28, 1)	2.29856 (28, 1)	2.14713 (28, 1)	2.33281 (351, 1)
150.0 /	1.88092 (28, 1)	1.25403C(298, 1)	1.09668C(299, 1)	1.11845C(299, 1)	1.62517C(246, 1)
140.0 /	1.84452C(260, 1)	1.35188C(103, 1)	1.20063C(298, 1)	1.20219C(298, 1)	1.51163 (289, 1)
130.0 /	1.84848C(260, 1)	1.55286C(104, 1)	1.37624C(268, 1)	1.36458C(104, 1)	2.14312C(207, 1)
120.0 /	2.09590C(16, 1)	2.00129C(16, 1)	2.02892C(16, 1)	2.05249C(16, 1)	2.80014C(207, 1)
110.0 /	2.56384C(261, 1)	2.56701C(261, 1)	2.36056C(77, 1)	2.16434C(77, 1)	2.47231 (186, 1)
100.0 /	2.56983C(54, 1)	1.75278 (51, 1)	1.50755 (51, 1)	1.38606 (51, 1)	1.71812 (129, 1)
90.0 /	2.80422C(54, 1)	1.84689C(54, 1)	1.53027 (52, 1)	1.64029 (52, 1)	1.86445 (52, 1)
80.0 /	2.63450C(54, 1)	2.07910C(55, 1)	1.61624 (180, 1)	1.86939 (180, 1)	2.48767 (180, 1)
70.0 /	1.87252C(353, 1)	1.39261 (182, 1)	1.18992 (182, 1)	1.17171 (185, 1)	1.68299C(164, 1)
60.0 /	1.69266C(233, 1)	1.90649C(237, 1)	1.87726 (181, 1)	1.94291 (181, 1)	2.57097 (185, 1)
50.0 /	1.91596C(233, 1)	1.81788 (181, 1)	1.64155C(58, 1)	1.49365C(239, 1)	2.35156C(353, 1)
40.0 /	2.08648C(239, 1)	1.35651 (108, 1)	1.17276C(214, 1)	1.11224 (185, 1)	1.76153 (238, 1)
30.0 /	2.18961C(239, 1)	1.63960 (213, 1)	1.61626 (213, 1)	1.72086 (225, 1)	3.32132 (225, 1)
20.0 /	2.21519C(239, 1)	1.92577C(239, 1)	1.99232C(239, 1)	2.08189C(239, 1)	3.64025C(205, 1)
10.0 /	2.72943C(240, 1)	1.86162C(240, 1)	1.68835C(240, 1)	1.73220 (177, 1)	3.56560 (238, 1)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1982 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 13.17932 AND OCCURRED AT (10000.0, 180.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 1200.0	1500.0	2000.0	3000.0	4000.0
360.0 /	3.21878C(81, 1)	3.76251 (192, 1)	4.77686 (212, 1)	6.78812C(178, 1)	7.68914C(178, 1)
350.0 /	3.70546C(206, 1)	3.80041C(204, 1)	5.03729C(232, 1)	6.05431C(232, 1)	5.54831C(232, 1)
340.0 /	3.58841 (177, 1)	3.56493C(204, 1)	4.29646C(232, 1)	5.49966C(364, 1)	5.64202C(232, 1)
330.0 /	3.11683C(255, 1)	3.36553C(255, 1)	4.14648C(263, 1)	5.13847 (166, 1)	5.18339C(263, 1)
320.0 /	3.63967C(262, 1)	4.60608C(103, 1)	4.18082C(268, 1)	5.28832C(263, 1)	5.19610C(263, 1)
310.0 /	3.68912 (144, 1)	4.44641 (144, 1)	5.11645C(262, 1)	5.78040 (144, 1)	5.84390C(103, 1)
300.0 /	4.26566 (144, 1)	5.02134C(105, 1)	5.99489 (109, 1)	7.79084C(107, 1)	9.54265C(107, 1)
290.0 /	3.43527C(105, 1)	4.30201C(92, 1)	4.96718 (144, 1)	6.16544 (109, 1)	6.48222 (109, 1)
280.0 /	3.46359C(193, 1)	4.22210C(194, 1)	5.98447C(194, 1)	7.62971C(194, 1)	7.46765C(194, 1)
270.0 /	5.25588C(159, 1)	4.75997C(159, 1)	4.50495C(194, 1)	6.07293C(194, 1)	5.92688C(194, 1)
260.0 /	4.08175C(159, 1)	3.67339C(159, 1)	4.78974 (305, 1)	7.21986 (305, 1)	7.81510 (223, 1)
250.0 /	3.07091 (187, 1)	3.69200 (270, 1)	4.47773 (102, 1)	5.20082 (270, 1)	5.62245 (28, 1)
240.0 /	3.72633C(111, 1)	4.00149 (242, 1)	5.23261 (242, 1)	5.62148C(136, 1)	5.63394 (281, 1)
230.0 /	4.69170C(111, 1)	4.21253C(111, 1)	4.70718C(125, 1)	5.95139C(136, 1)	7.06572 (97, 1)
220.0 /	3.88118C(136, 1)	3.61951 (123, 1)	4.57623 (158, 1)	6.11478 (123, 1)	6.66568 (94, 1)
210.0 /	2.95336 (324, 1)	3.35551 (158, 1)	4.26256 (324, 1)	5.02552 (158, 1)	5.27615 (94, 1)
200.0 /	2.39940C(249, 1)	2.95046 (118, 1)	3.76721C(249, 1)	4.27576C(249, 1)	4.67198C(249, 1)
190.0 /	3.23155 (118, 1)	3.41457 (118, 1)	3.66987 (323, 1)	5.07587C(249, 1)	5.63287C(249, 1)
180.0 /	3.86585 (313, 1)	4.37063 (311, 1)	5.65837 (313, 1)	7.65676 (313, 1)	9.56985 (313, 1)
170.0 /	3.03001C(247, 1)	3.42983C(224, 1)	3.22745C(246, 1)	4.14481 (311, 1)	5.19867 (311, 1)
160.0 /	3.37149C(224, 1)	3.70389C(224, 1)	4.15614 (351, 1)	5.47383C(298, 1)	6.51119C(298, 1)
150.0 /	2.39864C(224, 1)	3.09416 (129, 1)	4.04266 (129, 1)	4.50169 (129, 1)	4.51377 (351, 1)
140.0 /	2.25768C(206, 1)	2.69109 (129, 1)	4.17158 (129, 1)	4.50834C(56, 1)	4.96528C(56, 1)
130.0 /	3.88938C(207, 1)	4.11833C(206, 1)	3.49351C(207, 1)	4.14388 (129, 1)	4.64578C(298, 1)
120.0 /	3.88272C(206, 1)	3.68455C(206, 1)	4.27750C(207, 1)	5.34125 (10, 1)	6.35664 (10, 1)
110.0 /	3.27626 (185, 1)	4.03130C(207, 1)	4.01490 (182, 1)	4.62335 (182, 1)	4.85835C(79, 1)
100.0 /	2.21834 (186, 1)	2.99956 (129, 1)	3.78131 (185, 1)	4.56395 (288, 1)	4.92518 (354, 1)
90.0 /	2.50680C(247, 1)	3.42046 (129, 1)	4.08413 (52, 1)	5.58084 (52, 1)	6.12336 (182, 1)
80.0 /	2.54485C(54, 1)	2.59254C(54, 1)	3.55611 (161, 1)	4.41858 (161, 1)	4.67085C(175, 1)
70.0 /	2.34052C(255, 1)	3.29336C(255, 1)	4.39809C(236, 1)	5.41975C(236, 1)	5.59608C(236, 1)
60.0 /	3.41615C(255, 1)	4.52699C(255, 1)	5.09372 (179, 1)	6.73353 (179, 1)	6.37253 (179, 1)
50.0 /	3.28062C(255, 1)	3.92316C(237, 1)	4.28424C(165, 1)	5.81679C(165, 1)	6.10715C(165, 1)
40.0 /	3.09600 (185, 1)	3.08539 (185, 1)	3.93108C(237, 1)	4.52495C(237, 1)	4.70370 (213, 1)
30.0 /	4.43162 (225, 1)	5.41859 (225, 1)	6.10236 (225, 1)	6.22855 (225, 1)	5.30041 (238, 1)
20.0 /	4.23423C(205, 1)	4.67999 (225, 1)	5.20187C(205, 1)	5.87101C(205, 1)	5.59157C(239, 1)
10.0 /	4.63939 (177, 1)	5.42516 (177, 1)	5.85142 (177, 1)	5.97366 (177, 1)	5.56742 (177, 1)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1982 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 13.17932 AND OCCURRED AT (10000.0, 180.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 5000.0	6000.0	7000.0	8000.0	9000.0
360.0 /	7.74992C(178, 1)	7.43985C(178, 1)	7.00376C(178, 1)	6.55478C(178, 1)	6.13374C(178, 1)
350.0 /	5.43302C(204, 1)	5.53792C(345, 1)	5.87025C(345, 1)	6.08762C(345, 1)	6.24203C(345, 1)
340.0 /	5.41193 (23, 1)	5.93527 (23, 1)	6.34834 (23, 1)	6.63442 (23, 1)	6.84028 (23, 1)
330.0 /	4.61420 (166, 1)	4.59090C(204, 1)	4.88310C(150, 1)	5.12778C(150, 1)	5.30296C(150, 1)
320.0 /	5.41506 (3, 1)	5.73633 (3, 1)	5.93932 (3, 1)	6.11194C(7, 1)	6.02211 (3, 1)
310.0 /	5.39793C(262, 1)	5.27177 (34, 1)	5.12252 (144, 1)	5.02288C(73, 1)	5.16985C(73, 1)
300.0 /	10.07220C(92, 1)	10.20184C(92, 1)	10.16360C(92, 1)	10.02826C(92, 1)	9.83477C(92, 1)
290.0 /	6.89836 (337, 1)	7.32457 (337, 1)	7.51365 (337, 1)	7.54633 (337, 1)	7.48144 (337, 1)
280.0 /	6.90083 (126, 1)	6.99964 (220, 1)	7.03894 (220, 1)	6.94086 (220, 1)	6.77254 (220, 1)
270.0 /	5.95845C(136, 1)	6.08875 (197, 1)	6.08983 (144, 1)	6.05527C(136, 1)	5.94870 (359, 1)
260.0 /	7.10974C(195, 1)	6.80450C(195, 1)	6.66407 (360, 1)	6.98154 (188, 1)	7.09643 (360, 1)
250.0 /	6.02931 (28, 1)	6.20571 (293, 1)	5.88964 (293, 1)	5.78257C(137, 1)	5.71627C(137, 1)
240.0 /	6.08422 (321, 1)	6.58633 (321, 1)	6.94188 (321, 1)	7.14970 (321, 1)	7.27755 (321, 1)
230.0 /	6.95338C(125, 1)	6.54228C(125, 1)	6.10739C(125, 1)	6.04617 (325, 1)	6.05346 (304, 1)
220.0 /	6.54365 (158, 1)	6.59832 (242, 1)	7.04201 (242, 1)	7.37972 (242, 1)	7.62627 (242, 1)
210.0 /	5.37949 (67, 1)	5.60359 (68, 1)	5.86074 (271, 1)	6.03117 (271, 1)	6.12575 (271, 1)
200.0 /	5.10447 (69, 1)	5.57987 (69, 1)	5.96898 (69, 1)	6.25517 (69, 1)	6.31518 (267, 1)
190.0 /	6.29608 (310, 1)	6.38285 (257, 1)	6.68395C(249, 1)	6.91719C(249, 1)	7.09424C(249, 1)
180.0 /	10.76277 (313, 1)	11.67020 (313, 1)	12.32571 (313, 1)	12.76973 (313, 1)	13.04252 (313, 1)
170.0 /	5.83011 (311, 1)	6.29016 (311, 1)	6.60437 (311, 1)	6.80056 (311, 1)	6.90415 (311, 1)
160.0 /	6.95621C(298, 1)	7.13144C(298, 1)	7.16269C(298, 1)	7.10670 (27, 1)	7.23123 (27, 1)
150.0 /	4.43161 (297, 1)	4.93350 (297, 1)	5.31877 (297, 1)	5.59900 (297, 1)	5.79016 (297, 1)
140.0 /	4.30701 (129, 1)	4.38677C(56, 1)	3.92893C(56, 1)	3.97787C(105, 1)	4.11890C(105, 1)
130.0 /	4.85650C(298, 1)	4.82730C(56, 1)	4.48880C(56, 1)	4.56519 (10, 1)	4.56914C(298, 1)
120.0 /	6.89286 (10, 1)	7.21451 (10, 1)	7.39003 (10, 1)	7.44883 (10, 1)	7.44027 (10, 1)
110.0 /	5.09431C(79, 1)	5.23827C(79, 1)	5.31983C(79, 1)	5.34894C(79, 1)	5.34473C(79, 1)
100.0 /	5.02947 (14, 1)	5.11195 (14, 1)	5.03850 (288, 1)	4.92207 (288, 1)	4.79584 (288, 1)
90.0 /	6.15079 (182, 1)	5.96110 (182, 1)	5.70625 (182, 1)	5.41493 (182, 1)	5.14834 (182, 1)
80.0 /	4.79795C(175, 1)	4.63136C(175, 1)	4.32358C(175, 1)	4.19050C(54, 1)	4.32128C(54, 1)
70.0 /	5.16309 (179, 1)	4.34798 (179, 1)	4.01362C(353, 1)	4.16829C(353, 1)	4.28238C(353, 1)
60.0 /	5.68699 (182, 1)	5.98859 (182, 1)	6.14555 (182, 1)	6.21395 (182, 1)	6.22413 (182, 1)
50.0 /	5.90180C(165, 1)	5.50710C(165, 1)	5.05640C(165, 1)	5.20184 (93, 1)	5.27967 (93, 1)
40.0 /	4.70251 (152, 1)	4.29928 (213, 1)	3.92286 (23, 1)	3.99996 (23, 1)	4.01896 (23, 1)
30.0 /	4.49292 (213, 1)	4.67340 (213, 1)	4.65460 (225, 1)	4.53457 (225, 1)	4.45794 (225, 1)
20.0 /	5.35743C(239, 1)	5.23027C(239, 1)	5.18804C(239, 1)	5.13822C(239, 1)	5.11664C(239, 1)
10.0 /	4.97320 (177, 1)	4.46715 (177, 1)	4.32364C(340, 1)	4.39398C(171, 1)	4.54462C(171, 1)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1982 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 13.17932 AND OCCURRED AT (10000.0, 180.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 10000.0	11000.0	12000.0	13000.0	14000.0
360.0 /	6.01213C(363, 1)	5.89155C(363, 1)	5.74968C(363, 1)	5.59789C(226, 1)	5.56533C(226, 1)
350.0 /	6.34477C(345, 1)	6.37510C(345, 1)	6.37837C(345, 1)	6.36058C(345, 1)	6.32628C(345, 1)
340.0 /	6.98045 (23, 1)	7.03011 (23, 1)	7.04504 (23, 1)	7.03254 (23, 1)	6.99853 (23, 1)
330.0 /	5.42035C(150, 1)	5.45069C(150, 1)	5.45091C(150, 1)	5.42745C(150, 1)	5.38558C(150, 1)
320.0 /	6.01874 (3, 1)	5.99262 (3, 1)	5.96020 (3, 1)	5.92442 (3, 1)	5.88673 (3, 1)
310.0 /	5.26844C(73, 1)	5.32423 (167, 1)	5.36060 (167, 1)	5.37178 (167, 1)	5.36259 (167, 1)
300.0 /	9.60647C(92, 1)	9.30912C(92, 1)	9.01260C(92, 1)	8.72058C(92, 1)	8.49830 (211, 1)
290.0 /	7.35766 (337, 1)	7.16422 (337, 1)	6.95970 (337, 1)	6.75158 (337, 1)	6.54405 (337, 1)
280.0 /	6.57222 (220, 1)	6.33362 (220, 1)	6.10115 (220, 1)	5.87938 (220, 1)	5.81106 (361, 1)
270.0 /	6.01971 (359, 1)	6.02879 (359, 1)	6.01612 (359, 1)	5.98698 (359, 1)	5.94538 (359, 1)
260.0 /	7.21124 (360, 1)	7.22873 (360, 1)	7.21241 (360, 1)	7.16947 (360, 1)	7.10569 (360, 1)
250.0 /	5.81413 (348, 1)	5.84872 (348, 1)	5.84986 (348, 1)	5.72782 (28, 1)	5.57514 (28, 1)
240.0 /	7.34726 (321, 1)	7.34221 (321, 1)	7.31257 (321, 1)	7.19735 (305, 1)	7.03698 (305, 1)
230.0 /	6.19911 (304, 1)	6.24455 (304, 1)	6.25587 (304, 1)	6.24007 (304, 1)	6.20269 (304, 1)
220.0 /	7.79643 (242, 1)	7.84611 (242, 1)	7.85552 (242, 1)	7.83298 (242, 1)	7.78534 (242, 1)
210.0 /	6.16037 (271, 1)	6.11024 (271, 1)	6.03353 (271, 1)	5.93756 (271, 1)	5.82791 (271, 1)
200.0 /	6.30235 (267, 1)	6.25037 (267, 1)	6.19083 (267, 1)	6.12635 (267, 1)	6.05831 (267, 1)
190.0 /	7.21371 (310, 1)	7.08122 (310, 1)	6.91966 (310, 1)	6.73992 (310, 1)	6.76177 (357, 1)
180.0 /	13.17932 (313, 1)	13.12108 (313, 1)	13.00079 (313, 1)	12.83459 (313, 1)	12.63498 (313, 1)
170.0 /	6.93634 (311, 1)	6.87222 (311, 1)	6.77847 (311, 1)	6.66387 (311, 1)	6.53495 (311, 1)
160.0 /	7.27962 (27, 1)	7.22393 (27, 1)	7.13576 (27, 1)	7.02422 (27, 1)	6.89632 (27, 1)
150.0 /	5.90803 (297, 1)	5.83521 (351, 1)	5.73729 (351, 1)	5.62213 (351, 1)	5.49552 (351, 1)
140.0 /	4.21726C(105, 1)	4.24677C(105, 1)	4.25300C(105, 1)	4.24066C(105, 1)	4.21363C(105, 1)
130.0 /	4.42009C(298, 1)	4.25178 (53, 1)	4.17893 (53, 1)	4.09381 (53, 1)	4.00067 (53, 1)
120.0 /	7.38414 (10, 1)	7.25672 (10, 1)	7.11337 (10, 1)	6.95976 (10, 1)	6.79980 (10, 1)
110.0 /	5.31444C(79, 1)	5.23516C(79, 1)	5.14543C(79, 1)	5.04804C(79, 1)	4.94530C(79, 1)
100.0 /	4.66657 (288, 1)	4.51840 (288, 1)	4.37694 (288, 1)	4.24250 (288, 1)	4.11505 (288, 1)
90.0 /	5.18614 (223, 1)	5.23428 (223, 1)	5.25253 (223, 1)	5.24682 (223, 1)	5.28230C(71, 1)
80.0 /	4.42944C(54, 1)	4.49829C(54, 1)	4.55151C(54, 1)	4.59110C(54, 1)	4.61886C(54, 1)
70.0 /	4.36361C(353, 1)	4.40507C(353, 1)	4.42874C(353, 1)	4.43822C(353, 1)	4.43632C(353, 1)
60.0 /	6.21468 (181, 1)	6.28563 (181, 1)	6.33272 (181, 1)	6.35947 (181, 1)	6.36900 (181, 1)
50.0 /	5.30151 (93, 1)	5.25257 (234, 1)	5.29148 (234, 1)	5.30604 (234, 1)	5.30083 (234, 1)
40.0 /	3.99476 (23, 1)	3.91702 (23, 1)	3.82353 (23, 1)	3.75952C(240, 1)	3.76198C(240, 1)
30.0 /	4.39957 (225, 1)	4.34318C(208, 1)	4.46739C(208, 1)	4.57759C(208, 1)	4.67491C(208, 1)
20.0 /	5.11106C(239, 1)	5.10700C(239, 1)	5.10840C(239, 1)	5.11269C(239, 1)	5.11811C(239, 1)
10.0 /	4.65730C(171, 1)	4.71009C(171, 1)	4.74048C(171, 1)	4.70733C(201, 1)	4.56594C(201, 1)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1982 ***

* 50 MAXIMUM 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM ALL SOURCES *

RANK	CON.	PER.	DAY	X OR RANGE (METERS)	Y(METERS) OR DIRECTION (DEGREES)	RANK	CON.	PER.	DAY	X OR RANGE (METERS)	Y(METERS) OR DIRECTION (DEGREES)
1	13.65846	1	311	10000.0	180.0	26	11.00078C	1	107	6000.0	300.0
2	13.56605	1	311	9000.0	180.0	27	10.93739C	1	107	13000.0	300.0
3	13.55686	1	311	11000.0	180.0	28	10.76277	1	313	5000.0	180.0
4	13.39456	1	311	12000.0	180.0	29	10.74103C	1	107	14000.0	300.0
5	13.33216	1	311	8000.0	180.0	30	10.57324C	1	237	4000.0	60.0
6	13.18856	1	311	13000.0	180.0	31	10.45838C	1	107	5000.0	300.0
7	13.17932	1	313	10000.0	180.0	32	10.42863	1	324	10000.0	210.0
8	13.12108	1	313	11000.0	180.0	33	10.42466	1	324	11000.0	210.0
9	13.04252	1	313	9000.0	180.0	34	10.38158C	1	237	3000.0	60.0
10	13.00079	1	313	12000.0	180.0	35	10.38101C	1	364	13000.0	340.0
11	12.95183	1	311	14000.0	180.0	36	10.36841C	1	364	12000.0	340.0
12	12.91569	1	311	7000.0	180.0	37	10.36709	1	324	12000.0	210.0
13	12.83459	1	313	13000.0	180.0	38	10.36699	1	180	9000.0	80.0
14	12.76973	1	313	8000.0	180.0	39	10.36480	1	180	8000.0	80.0
15	12.63498	1	313	14000.0	180.0	40	10.35590C	1	364	14000.0	340.0
16	12.32571	1	313	7000.0	180.0	41	10.33527C	1	237	5000.0	60.0
17	12.26793	1	311	6000.0	180.0	42	10.32741C	1	92	5000.0	290.0
18	11.67020	1	313	6000.0	180.0	43	10.31278	1	180	10000.0	80.0
19	11.48204C	1	107	9000.0	300.0	44	10.30944C	1	364	11000.0	340.0
20	11.45092C	1	107	8000.0	300.0	45	10.29925	1	180	7000.0	80.0
21	11.43914C	1	107	10000.0	300.0	46	10.27037	1	324	9000.0	210.0
22	11.33516	1	311	5000.0	180.0	47	10.26871	1	324	13000.0	210.0
23	11.31697C	1	107	7000.0	300.0	48	10.20184C	1	92	6000.0	300.0
24	11.29418C	1	107	11000.0	300.0	49	10.19355C	1	364	10000.0	340.0
25	11.12388C	1	107	12000.0	300.0	50	10.19102C	1	92	6000.0	290.0

RUN ENDED ON 09-25-87 AT 23:29:19

ISCST (DATED 86322)
AN AIR QUALITY DISPERSION MODEL IN
SECTION 1. GUIDELINE MODELS
IN UNAMAP (VERSION 6) JULY 86.
SOURCE: FILE 6 ON UNAMAP MAGNETIC TAPE FROM NTIS.

IBM-PC VERSION (1.40)
(C) COPYRIGHT 1986, TRINITY CONSULTANTS, INC.
SERIAL NUMBER 5056 SOLD TO BLACK & VEATCH
RUN BEGAN ON 09-25-87 AT 23:29:23

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1983 ***

CALCULATE (CONCENTRATION=1,DEPOSITION=2)	ISW(1) = 1
RECEPTOR GRID SYSTEM (RECTANGULAR=1 OR 3, POLAR=2 OR 4)	ISW(2) = 4
DISCRETE RECEPTOR SYSTEM (RECTANGULAR=1,POLAR=2)	ISW(3) = 1
TERRAIN ELEVATIONS ARE READ (YES=1,NO=0)	ISW(4) = 0
CALCULATIONS ARE WRITTEN TO TAPE (YES=1,NO=0)	ISW(5) = 0
LIST ALL INPUT DATA (NO=0,YES=1,MET DATA ALSO=2)	ISW(6) = 1
COMPUTE AVERAGE CONCENTRATION (OR TOTAL DEPOSITION)	
WITH THE FOLLOWING TIME PERIODS:	
HOURLY (YES=1,NO=0)	ISW(7) = 0
2-HOUR (YES=1,NO=0)	ISW(8) = 0
3-HOUR (YES=1,NO=0)	ISW(9) = 1
4-HOUR (YES=1,NO=0)	ISW(10) = 0
6-HOUR (YES=1,NO=0)	ISW(11) = 0
8-HOUR (YES=1,NO=0)	ISW(12) = 0
12-HOUR (YES=1,NO=0)	ISW(13) = 0
24-HOUR (YES=1,NO=0)	ISW(14) = 1
PRINT 'N'-DAY TABLE(S) (YES=1,NO=0)	ISW(15) = 1
PRINT THE FOLLOWING TYPES OF TABLES WHOSE TIME PERIODS ARE	
SPECIFIED BY ISW(7) THROUGH ISW(14):	
DAILY TABLES (YES=1,NO=0)	ISW(16) = 0
HIGHEST & SECOND HIGHEST TABLES (YES=1,NO=0)	ISW(17) = 1
MAXIMUM 50 TABLES (YES=1,NO=0)	ISW(18) = 1
METEOROLOGICAL DATA INPUT METHOD (PRE-PROCESSED=1,CARD=2)	ISW(19) = 1
RURAL-URBAN OPTION (RU.=0,UR. MODE 1=1,UR. MODE 2=2,UR. MODE 3=3)	ISW(20) = 0
WIND PROFILE EXPONENT VALUES (DEFAULTS=1,USER ENTERS=2,3)	ISW(21) = 1
VERTICAL POT. TEMP. GRADIENT VALUES (DEFAULTS=1,USER ENTERS=2,3)	ISW(22) = 1
SCALE EMISSION RATES FOR ALL SOURCES (NO=0,YES>0)	ISW(23) = 0
PROGRAM CALCULATES FINAL PLUME RISE ONLY (YES=1,NO=2)	ISW(24) = 1
PROGRAM ADJUSTS ALL STACK HEIGHTS FOR DOWNWASH (YES=2,NO=1)	ISW(25) = 2
PROGRAM USES BUOYANCY INDUCED DISPERSION (YES=1,NO=2)	ISW(26) = 1
CONCENTRATIONS DURING CALM PERIODS SET = 0 (YES=1,NO=2)	ISW(27) = 1
REG. DEFAULT OPTION CHOSEN (YES=1,NO=2)	ISW(28) = 1
TYPE OF POLLUTANT TO BE MODELLED (1=SO2,2=OTHER)	ISW(29) = 1
DEBUG OPTION CHOSEN (1=YES,2=NO)	ISW(30) = 2
NUMBER OF INPUT SOURCES	NSOURC = 1
NUMBER OF SOURCE GROUPS (=0,ALL SOURCES)	NGROUP = 0
TIME PERIOD INTERVAL TO BE PRINTED (=0,ALL INTERVALS)	IPERD = 0
NUMBER OF X (RANGE) GRID VALUES	NXPNTS = 20
NUMBER OF Y (THETA) GRID VALUES	NYPNTS = 36
NUMBER OF DISCRETE RECEPTORS	NXYPT = 0
SOURCE EMISSION RATE UNITS CONVERSION FACTOR	TK=.10000E+07
HEIGHT ABOVE GROUND AT WHICH WIND SPEED WAS MEASURED	ZR = 10.00 METERS
LOGICAL UNIT NUMBER OF METEOROLOGICAL DATA	IMET = 9
DECAY COEFFICIENT FOR PHYSICAL OR CHEMICAL DEPLETION	DECAY = .000000E+00
SURFACE STATION NO.	ISS = 12815
YEAR OF SURFACE DATA	ISY = 83
UPPER AIR STATION NO.	IUS = 12842
YEAR OF UPPER AIR DATA	IUY = 83
ALLOCATED DATA STORAGE	LIMIT = 43500 WORDS
REQUIRED DATA STORAGE FOR THIS PROBLEM RUN	MIMIT = 9937 WORDS

*** SO2 IMPACT-FOUR GF ON OIL-65ppm NOx-MODELED AS 1 STACK-1983 ***

*** METEOROLOGICAL DAYS TO BE PROCESSED ***
(IF=1)

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1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
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*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54,   3.09,   5.14,   8.23,   10.80,

*** WIND PROFILE EXPONENTS ***

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

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1983 ***

X,Y-COORDINATES OF THE CENTER OF THE POLAR RECEPTOR GRID (METERS) = (0., 0.)

*** RANGES OF POLAR GRID SYSTEM ***
(METERS)

200.0,	400.0,	600.0.	800.0.	1000.0.	1200.0.	1500.0,	2000.0,	3000.0,	4000.0,
5000.0,	6000.0,	7000.0.	8000.0.	9000.0.	10000.0.	11000.0.	12000.0.	13000.0.	14000.0,

*** RADIAL ANGLES OF POLAR GRID SYSTEM ***

(DEGREES)

10.0,	20.0,	30.0,	40.0.	50.0.	60.0.	70.0,	80.0,	90.0,	100.0,
110.0,	120.0,	130.0,	140.0,	150.0.	160.0.	170.0.	180.0.	190.0.	200.0.
210.0,	220.0,	230.0.	240.0.	250.0.	260.0.	270.0,	280.0,	290.0,	300.0,
310.0,	320.0,	330.0,	340.0.	350.0.	360.0.				

*** SO2 IMPACT-FOUR OF ON OIL-650cm NOx-MODELED AS 1 STACK-1983 ***

*** SOURCE DATA ***

SOURCE NUMBER	T Y P E	W A K E	NUMBER PART. CATS.	EMISSION RATE TYPE=0,1 (GRAMS/SEC) TYPE=2 (GRAMS/SEC) *PER METER**2	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	HEIGHT (METERS)	TEMP. TYPE=0 (DEG.K); VERT.DIM TYPE=1 (METERS)	EXIT VEL. TYPE=0 (M/SEC); HORZ.DIM TYPE=1,2 (METERS)	DIAMETER TYPE=0 (METERS)	BLDG. HEIGHT TYPE=0 (METERS)	BLDG. LENGTH TYPE=0 (METERS)	BLDG. WIDTH TYPE=0 (METERS)
1	0	0	0	.19176E+03	.0	.0	.0	10.97	812.59	29.51	3.77	.00	.00	.00

* CALM HOURS (=1) FOR DAY 2 *	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 9 *	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 15 *	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 17 *	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 21 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	
* CALM HOURS (=1) FOR DAY 23 *	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 24 *	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 25 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0		
* CALM HOURS (=1) FOR DAY 27 *	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 29 *	0	1	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 31 *	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 32 *	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 40 *	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 46 *	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 48 *	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 50 *	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 63 *	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 67 *	1	1	1	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 72 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY 73 *	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 74 *	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 93 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY 101 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	
* CALM HOURS (=1) FOR DAY 102 *	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
* CALM HOURS (=1) FOR DAY 103 *	1	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 105 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0		
* CALM HOURS (=1) FOR DAY 107 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0		
* CALM HOURS (=1) FOR DAY 108 *	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
* CALM HOURS (=1) FOR DAY 110 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
* CALM HOURS (=1) FOR DAY 116 *	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 117 *	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 118 *	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 119 *	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 120 *	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 122 *	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 125 *	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 126 *	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
* CALM HOURS (=1) FOR DAY 127 *	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 128 *	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 129 *	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 131 *	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
* CALM HOURS (=1) FOR DAY 132 *	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 133 *	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 134 *	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 136 *	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 137 *	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 141 *	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 144 *	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	

BEST AVAILABLE COPY

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* CALM HOURS (=1) FOR DAY 147 *  0  1  0  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 150 *  0  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 151 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0  0
* CALM HOURS (=1) FOR DAY 154 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0
* CALM HOURS (=1) FOR DAY 182 *  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 192 *  0  0  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 194 *  0  1  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 195 *  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 221 *  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 243 *  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 252 *  0  0  0  0  0  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 280 *  0  0  0  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 287 *  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 307 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1
* CALM HOURS (=1) FOR DAY 308 *  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 319 *  0  1  1  0  0  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 321 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  1
* CALM HOURS (=1) FOR DAY 322 *  1  1  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 323 *  0  0  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 325 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1
* CALM HOURS (=1) FOR DAY 326 *  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 327 *  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 330 *  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 337 *  0  0  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 345 *  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 348 *  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1
* CALM HOURS (=1) FOR DAY 350 *  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 351 *  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 355 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  0  0  0
* CALM HOURS (=1) FOR DAY 356 *  1  1  1  0  0  0  0  0  1  0  0  0  0  0  0  0  0  1  0  1  0  1  0  1
* CALM HOURS (=1) FOR DAY 357 *  1  0  0  0  0  0  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 361 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0  0
* CALM HOURS (=1) FOR DAY 362 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0  0
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'N'-DAY
365 DAYS
SGROUP# 1

SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1983

365-DAY AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER)

FROM ALL SOURCES
FOR THE RECEPTOR GRID

MAXIMUM VALUE EQUALS .76665 AND OCCURRED AT (9000.0, 180.0)

DIRECTION / (DEGREES) /	RANGE (METERS) 200.0	400.0	600.0	800.0	1000.0	1200.0	1500.0	2000.0	3000.0
360.0 /	.27410	.21909	.17527	.16086	.16843	.20090	.30241	.40780	.51616
350.0 /	.27030	.21770	.17865	.16687	.18002	.22081	.33899	.46040	.58034
340.0 /	.25381	.18744	.14350	.12995	.14504	.18604	.29890	.41543	.53157
330.0 /	.24738	.17919	.13889	.13126	.15389	.19610	.29908	.40244	.50219
320.0 /	.25933	.20958	.16572	.16083	.19299	.24167	.34610	.44784	.54415
310.0 /	.27037	.25228	.20781	.20266	.24124	.29858	.42029	.54522	.68088
300.0 /	.25655	.24153	.20197	.19895	.23828	.29572	.41948	.54140	.67155
290.0 /	.23065	.19269	.14879	.14435	.17972	.23248	.34845	.45606	.56331
280.0 /	.21838	.18413	.14707	.14713	.18519	.23880	.35215	.45781	.55681
270.0 /	.21743	.18938	.15234	.15257	.19463	.25225	.37007	.48048	.58465
260.0 /	.21654	.19208	.15386	.15508	.20375	.26645	.39011	.50635	.62194
250.0 /	.21586	.19036	.15204	.15480	.20742	.27246	.39826	.51450	.62972
240.0 /	.23049	.19174	.15336	.15862	.21539	.28433	.41519	.54218	.67816
230.0 /	.26820	.21357	.16896	.16879	.21724	.27703	.39017	.49917	.61486
220.0 /	.31852	.25765	.20301	.19278	.22620	.27289	.36845	.46509	.57774
210.0 /	.35669	.29860	.24440	.23805	.26874	.30980	.39842	.49380	.61593
200.0 /	.37658	.31093	.24472	.22940	.25087	.28091	.35112	.42491	.51608
190.0 /	.38784	.31296	.24361	.22660	.24626	.27477	.34459	.42064	.51415
180.0 /	.38772	.32615	.26473	.25430	.27934	.31285	.39215	.48672	.60938
170.0 /	.34707	.30427	.24895	.23622	.25663	.28486	.35333	.43421	.53505
160.0 /	.26457	.21511	.17151	.16435	.18791	.21745	.28319	.35891	.45321
150.0 /	.18501	.12858	.09840	.09903	.12858	.16238	.22744	.29740	.37930
140.0 /	.15485	.10022	.07234	.07027	.09747	.13105	.19469	.25491	.31569
130.0 /	.17466	.12890	.09957	.10087	.13647	.18241	.27275	.36365	.46160
120.0 /	.21146	.18434	.15521	.15599	.19041	.23742	.33857	.44149	.55448
110.0 /	.22772	.19787	.16202	.15845	.18830	.23178	.33110	.43364	.54996
100.0 /	.21553	.17732	.14214	.13754	.16383	.20153	.28409	.36548	.45207
90.0 /	.20040	.15850	.12656	.12537	.15358	.19232	.27638	.35830	.45100
80.0 /	.19871	.16428	.13153	.12968	.15782	.19557	.27282	.34462	.42123
70.0 /	.20573	.17579	.13872	.13262	.15542	.18703	.25730	.32302	.39267
60.0 /	.20474	.17708	.14711	.14518	.16998	.20143	.27596	.35287	.44074
50.0 /	.18987	.14664	.11418	.11182	.13676	.16793	.24040	.31467	.39577
40.0 /	.17769	.12274	.09031	.08694	.10625	.13034	.18464	.23797	.29035
30.0 /	.18711	.13834	.11102	.10663	.12106	.14435	.20041	.25942	.31993
20.0 /	.21697	.15820	.12080	.10895	.11735	.14446	.22195	.30318	.38399
10.0 /	.25285	.19294	.15185	.13828	.14511	.17498	.26649	.36241	.45880

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1983 ***

* 365-DAY AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS .76665 AND OCCURRED AT (9000.0, 180.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 4000.0	5000.0	6000.0	7000.0	8000.0	9000.0	10000.0	11000.0	12000.0
360.0 /	.56873	.58827	.59574	.59770	.59445	.58965	.58382	.57485	.56572
350.0 /	.63444	.65279	.65936	.66092	.65765	.65291	.64704	.63750	.62769
340.0 /	.57608	.58123	.57443	.56401	.55183	.53976	.52794	.51410	.50088
330.0 /	.53484	.53352	.52306	.51039	.49645	.48314	.47052	.45679	.44393
320.0 /	.57701	.57582	.56579	.55347	.53951	.52602	.51310	.49869	.48515
310.0 /	.74057	.74972	.74165	.72716	.70895	.69053	.67247	.65232	.63330
300.0 /	.73340	.74874	.74801	.74068	.72846	.71506	.70116	.68418	.66774
290.0 /	.60951	.61700	.61088	.59938	.58461	.56929	.55402	.53694	.52071
280.0 /	.59439	.59748	.59108	.58189	.57036	.55887	.54750	.53407	.52119
270.0 /	.62096	.62122	.61149	.59949	.58546	.57215	.55955	.54550	.53226
260.0 /	.66927	.67599	.66949	.65832	.64391	.62940	.61519	.59905	.58375
250.0 /	.67221	.67231	.65910	.64205	.62315	.60506	.58803	.56977	.55281
240.0 /	.73550	.74356	.73506	.72083	.70338	.68584	.66869	.64954	.63140
230.0 /	.66822	.68132	.68111	.67556	.66569	.65476	.64324	.62884	.61475
220.0 /	.63529	.65268	.65438	.64903	.63811	.62587	.61317	.59825	.58389
210.0 /	.69197	.72669	.74552	.75615	.75876	.75825	.75547	.74765	.73902
200.0 /	.57356	.59920	.61359	.62207	.62411	.62351	.62087	.61393	.60621
190.0 /	.57140	.59627	.60983	.61749	.61888	.61768	.61449	.60713	.59905
180.0 /	.68622	.72471	.74808	.76246	.76660	.76665	.76379	.75596	.74712
170.0 /	.59508	.62333	.63960	.64932	.65104	.65013	.64731	.64074	.63351
160.0 /	.50973	.53136	.53875	.53865	.53308	.52538	.51649	.50481	.49320
150.0 /	.42322	.43508	.43440	.42793	.41843	.40797	.39726	.38495	.37319
140.0 /	.33756	.33586	.32552	.31277	.29950	.28711	.27578	.26461	.25448
130.0 /	.50569	.51366	.50835	.49782	.48488	.47149	.45819	.44333	.42925
120.0 /	.60669	.62055	.62000	.61355	.60230	.59013	.57766	.56333	.54956
110.0 /	.61016	.63101	.63674	.63529	.62818	.61897	.60849	.59486	.58129
100.0 /	.49454	.50769	.51003	.50732	.50025	.49178	.48250	.47104	.45973
90.0 /	.50696	.53096	.54030	.54129	.53613	.52806	.51825	.50533	.49235
80.0 /	.46471	.48088	.48515	.48312	.47608	.46728	.45759	.44582	.43431
70.0 /	.42962	.44169	.44387	.44115	.43469	.42690	.41840	.40788	.39756
60.0 /	.48748	.50491	.51153	.51297	.50999	.50523	.49925	.49020	.48095
50.0 /	.43501	.44783	.45116	.45039	.44611	.44075	.43475	.42662	.41855
40.0 /	.31467	.32117	.32170	.31967	.31557	.31087	.30584	.29931	.29293
30.0 /	.34667	.35316	.35366	.35183	.34776	.34315	.33818	.33161	.32510
20.0 /	.41422	.41903	.41609	.41072	.40318	.39565	.38825	.37965	.37144
10.0 /	.50071	.51331	.51594	.51435	.50880	.50221	.49499	.48547	.47603

SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1983

365-DAY AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER)

FROM ALL SOURCES
FOR THE RECEPTOR GRID

MAXIMUM VALUE EQUALS .76665 AND OCCURRED AT (9000.0, 180.0)

DIRECTION / (DEGREES) /	RANGE (METERS) 13000.0	14000.0
360.0 /	.55654	.54735
350.0 /	.61769	.60757
340.0 /	.48823	.47610
330.0 /	.43184	.42044
320.0 /	.47237	.46026
310.0 /	.61533	.59831
300.0 /	.65187	.63657
290.0 /	.50532	.49071
280.0 /	.50879	.49684
270.0 /	.51971	.50774
260.0 /	.56923	.55538
250.0 /	.53696	.52207
240.0 /	.61419	.59782
230.0 /	.60101	.58764
220.0 /	.57012	.55694
210.0 /	.72980	.72015
200.0 /	.59793	.58924
190.0 /	.59048	.58155
180.0 /	.73761	.72764
170.0 /	.62579	.61774
160.0 /	.48179	.47065
150.0 /	.36200	.35134
140.0 /	.24527	.23684
130.0 /	.41594	.40336
120.0 /	.53636	.52371
110.0 /	.56790	.55479
100.0 /	.44867	.43790
90.0 /	.47954	.46702
80.0 /	.42317	.41244
70.0 /	.38755	.37786
60.0 /	.47163	.46232
50.0 /	.41061	.40284
40.0 /	.28672	.28069
30.0 /	.31870	.31243
20.0 /	.36358	.35603
10.0 /	.46671	.45756

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1983 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 50.14106 AND OCCURRED AT (10000.0, 310.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 200.0	400.0	600.0	800.0	1000.0
360.0 /	9.95746 (224, 1)	9.79400 (221, 8)	9.91524 (221, 8)	10.10915 (221, 8)	10.41931 (221, 8)
350.0 /	9.65888 (224, 1)	10.54874 (224, 2)	10.46922 (224, 2)	10.39648 (224, 2)	10.68540 (257, 2)
340.0 /	9.89217 (186, 8)	8.79056 (186, 8)	7.94796 (236, 1)	8.79013 (157, 8)	11.47852 (129, 5)
330.0 /	10.00578 (337, 1)	7.80508 (135, 1)	7.41077 (135, 1)	7.48170 (86, 1)	19.50286 (195, 4)
320.0 /	10.41585 (318, 8)	10.08180 (318, 8)	10.42535 (318, 8)	10.78130 (318, 8)	22.72096 (216, 4)
310.0 /	10.45706 (193, 8)	10.13962 (193, 8)	10.27609 (246, 8)	10.73252 (246, 8)	26.24552 (216, 4)
300.0 /	10.28103 (238, 1)	9.70544 (238, 1)	9.22366 (238, 1)	9.06504 (327, 7)	21.52138 (216, 4)
290.0 /	10.67826 (149, 2)	9.36877 (149, 2)	7.91249 (149, 2)	7.15436 (91, 7)	18.44189 (192, 4)
280.0 /	8.88481C(119, 1)	9.10532C(119, 1)	9.33577C(119, 1)	9.52760C(119, 1)	19.53700 (239, 4)
270.0 /	9.34623 (133, 2)	8.34781 (133, 2)	8.86765 (149, 1)	9.60121 (149, 1)	19.86493 (192, 5)
260.0 /	11.55435 (251, 8)	10.82359 (251, 8)	10.06630 (251, 7)	11.11160 (251, 7)	16.73835 (192, 5)
250.0 /	10.30518 (251, 8)	9.12189 (153, 8)	8.70291 (153, 8)	8.38809 (153, 8)	18.80160 (193, 5)
240.0 /	10.63742 (322, 8)	9.33932 (253, 1)	9.87417 (253, 1)	10.42559 (253, 1)	19.95665 (186, 4)
230.0 /	10.97977 (130, 8)	9.74817 (130, 8)	8.36277 (130, 8)	7.96215 (259, 1)	22.84581 (234, 4)
220.0 /	11.25701 (170, 2)	11.22714 (170, 2)	11.04213 (170, 2)	11.07053 (281, 2)	17.81203 (176, 5)
210.0 /	11.81010 (231, 1)	10.17198 (276, 1)	9.98263 (283, 1)	10.74772 (283, 1)	19.44885 (215, 4)
200.0 /	12.90887 (112, 1)	11.58753 (252, 2)	11.30726 (252, 2)	10.89832 (252, 2)	18.14337 (215, 4)
190.0 /	13.58780 (112, 1)	9.48882 (112, 1)	9.11934 (228, 2)	9.51283 (228, 2)	26.50694 (110, 4)
180.0 /	10.96237 (112, 1)	9.77828 (166, 8)	9.93668 (166, 8)	10.21579 (109, 8)	26.50694 (110, 4)
170.0 /	11.45113 (303, 1)	11.67259 (191, 2)	11.99622 (191, 2)	12.36586 (191, 2)	20.97074 (82, 4)
160.0 /	9.90291 (272, 2)	9.48464 (272, 2)	9.04838 (272, 2)	9.40368 (35, 2)	27.67638 (82, 4)
150.0 /	8.13231 (48, 8)	7.63601 (13, 2)	8.73557 (13, 2)	10.16902 (13, 2)	22.82368 (116, 4)
140.0 /	7.00311 (49, 1)	7.29098 (107, 1)	7.05725C(24, 2)	7.36493C(24, 2)	22.83819 (116, 4)
130.0 /	10.35952 (49, 1)	8.03473 (72, 7)	8.73755 (167, 2)	9.55874 (167, 2)	19.46905 (181, 4)
120.0 /	11.02890 (49, 1)	7.95614 (49, 1)	7.69745 (152, 7)	8.31115 (152, 7)	22.83450 (186, 4)
110.0 /	8.92233 (347, 1)	7.34895 (15, 1)	8.32151 (70, 8)	8.99256 (70, 8)	19.75232 (259, 4)
100.0 /	10.80316 (187, 2)	8.40855 (208, 1)	8.73169 (208, 1)	9.08403 (208, 1)	18.59202 (129, 4)
90.0 /	12.46101 (187, 2)	9.22498 (187, 2)	7.11128 (187, 2)	7.36393 (45, 7)	17.65173 (129, 4)
80.0 /	10.67103 (187, 2)	7.76569 (187, 2)	7.05272 (68, 1)	7.81258 (68, 1)	19.40340 (196, 4)
70.0 /	10.93835 (176, 1)	8.53672 (42, 2)	8.25192 (42, 2)	8.16737 (42, 2)	17.31263 (239, 5)
60.0 /	12.17864 (176, 1)	10.17931 (176, 1)	9.23296 (176, 1)	8.92674 (176, 1)	19.77617 (228, 4)
50.0 /	9.71583 (116, 1)	8.35654 (137, 1)	8.78074 (137, 1)	9.43378 (137, 1)	17.08807 (129, 5)
40.0 /	7.58200 (55, 2)	7.45712 (152, 1)	6.91482 (220, 8)	7.60203 (220, 8)	19.80712 (203, 4)
30.0 /	9.82315 (102, 2)	9.84336 (151, 8)	9.85971 (151, 8)	9.89701 (151, 8)	16.05310 (203, 4)
20.0 /	10.76668 (102, 2)	8.59556 (72, 2)	9.02259 (72, 2)	9.44013 (72, 2)	9.80364 (72, 2)
10.0 /	10.65885 (143, 2)	10.51777 (143, 2)	10.39602 (143, 2)	11.30323 (69, 2)	12.79156 (69, 2)

SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1983

HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER)
FROM ALL SOURCES
FOR THE RECEPTOR GRID

MAXIMUM VALUE EQUALS 50.14106 AND OCCURRED AT (10000.0, 310.0)

DIRECTION / (DEGREES) /	RANGE (METERS) 1200.0	1500.0	2000.0	3000.0	4000.0
360.0 /	10.59823 (221, 8)	12.93786 (200, 4)	19.09209 (244, 4)	23.60420 (244, 4)	26.75460 (340, 1)
350.0 /	11.58273 (257, 2)	23.67359 (218, 5)	34.29915 (218, 5)	36.53698 (218, 5)	30.97829 (218, 5)
340.0 /	13.27471 (129, 5)	15.77540 (218, 5)	22.23513 (218, 5)	22.74910 (218, 5)	23.64225 (157, 8)
330.0 /	25.11910 (195, 4)	27.49377 (195, 4)	26.52823 (195, 4)	28.94717 (128, 5)	27.11205 (128, 5)
320.0 /	30.33560 (216, 4)	33.32819 (195, 4)	33.51645 (195, 4)	26.92040 (195, 4)	24.62046 (63, 8)
310.0 /	36.30546 (216, 4)	37.43250 (216, 4)	30.38244 (216, 4)	30.76813 (119, 5)	36.60623 (64, 1)
300.0 /	31.45320 (216, 4)	33.40294 (216, 4)	27.44558 (216, 4)	24.45458 (130, 5)	29.02210C(361, 7)
290.0 /	22.38881 (192, 4)	22.38270 (216, 4)	27.33271 (118, 5)	29.84282 (103, 4)	28.93425 (91, 7)
280.0 /	23.24305 (239, 4)	22.12514 (239, 4)	31.85291 (118, 5)	34.72187 (118, 5)	28.00085 (118, 5)
270.0 /	23.30820 (192, 5)	24.89646 (230, 4)	30.74139 (234, 5)	29.52320 (234, 5)	24.88684 (121, 7)
260.0 /	21.13817 (162, 5)	25.38201 (128, 4)	26.96688 (230, 5)	25.35810 (217, 5)	26.85059 (251, 7)
250.0 /	21.00630 (193, 5)	26.77811 (162, 5)	26.38502 (230, 5)	30.06946 (209, 5)	28.61080 (209, 5)
240.0 /	29.33744 (234, 4)	33.74145 (234, 4)	33.46312 (234, 4)	36.00348 (209, 4)	32.50850 (209, 4)
230.0 /	31.92021 (234, 4)	33.11069 (234, 4)	29.90667 (234, 4)	23.05403 (234, 4)	22.47325 (249, 4)
220.0 /	25.51298 (230, 4)	26.46021 (230, 4)	29.82078 (167, 5)	34.15234 (167, 5)	29.94437 (167, 5)
210.0 /	24.94061 (215, 4)	25.64570 (215, 4)	22.64511 (215, 4)	22.94522 (267, 2)	29.32643 (267, 2)
200.0 /	22.73659 (215, 4)	25.46136 (125, 5)	23.34015 (125, 5)	23.88255 (161, 8)	30.32522 (161, 8)
190.0 /	34.28266 (110, 4)	30.60852 (110, 4)	24.85227 (110, 4)	27.52116 (265, 5)	29.03460 (294, 4)
180.0 /	34.28265 (110, 4)	30.60851 (110, 4)	24.85226 (110, 4)	22.29646 (250, 4)	28.07320 (261, 2)
170.0 /	27.93461 (82, 4)	24.95654 (82, 4)	19.79480 (250, 4)	28.29359 (250, 4)	32.79146 (49, 4)
160.0 /	35.91152 (82, 4)	32.25746 (82, 4)	26.55901 (82, 4)	22.79539 (360, 2)	28.71892 (360, 2)
150.0 /	30.87090 (116, 4)	28.43084 (116, 4)	28.88951 (107, 4)	32.98421 (107, 4)	36.68772 (13, 2)
140.0 /	30.93078 (116, 4)	28.60146 (116, 4)	23.34677 (116, 4)	24.19326 (116, 5)	22.64893 (116, 5)
130.0 /	26.05716 (181, 4)	25.17852 (235, 4)	21.28630 (235, 4)	21.37491 (109, 5)	22.50496 (167, 2)
120.0 /	30.90853 (186, 4)	29.75992 (186, 4)	25.82868 (186, 4)	24.83919 (100, 5)	26.88274 (100, 5)
110.0 /	24.22397 (259, 4)	23.63339 (186, 4)	22.35418 (186, 4)	24.81196 (146, 4)	27.59575 (146, 4)
100.0 /	23.32289 (232, 4)	24.74408 (232, 4)	21.14941 (115, 4)	25.18195 (78, 4)	28.89692 (78, 4)
90.0 /	28.09770 (232, 4)	29.52573 (232, 4)	27.49010 (114, 5)	27.80505 (114, 5)	24.36919 (114, 5)
80.0 /	22.02965 (196, 4)	23.17203 (114, 4)	26.67286 (114, 5)	23.64867 (83, 6)	23.78503 (83, 6)
70.0 /	21.30762 (228, 4)	22.15030 (114, 4)	26.15772 (114, 4)	25.58778 (204, 4)	25.97724 (77, 7)
60.0 /	24.83225 (228, 4)	24.05467 (228, 4)	21.48559 (219, 5)	28.29018 (207, 4)	31.29095 (207, 4)
50.0 /	19.15839 (129, 5)	17.08682 (203, 4)	19.99969 (221, 4)	29.99109 (223, 5)	33.04924 (223, 5)
40.0 /	24.26506 (203, 4)	23.40414 (203, 4)	26.39822 (144, 4)	27.34367 (144, 4)	21.96743 (144, 4)
30.0 /	19.88946 (203, 4)	19.31940 (203, 4)	18.67122 (144, 4)	22.05099 (144, 4)	21.04741 (144, 4)
20.0 /	10.09366 (72, 2)	12.42485 (180, 4)	18.21253 (180, 4)	23.30558 (129, 4)	22.06683 (245, 4)
10.0 /	14.03946 (69, 2)	20.62525 (200, 4)	28.65515 (200, 4)	29.41944 (142, 5)	32.96320 (69, 2)

SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1983

HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER)
FROM ALL SOURCES
FOR THE RECEPTOR GRID

MAXIMUM VALUE EQUALS 50.14106 AND OCCURRED AT (10000.0, 310.0)

DIRECTION / (DEGREES) /	RANGE (METERS) 5000.0	6000.0	7000.0	8000.0	9000.0
360.0 /	30.41803 (340, 1)	33.29338 (340, 1)	35.45529 (340, 1)	37.00463 (340, 1)	38.04567 (340, 1)
350.0 /	32.66489 (257, 2)	36.12187 (257, 2)	38.89223 (257, 2)	41.04145 (257, 2)	42.65048 (257, 2)
340.0 /	26.65320 (157, 8)	29.17170 (157, 8)	31.22979 (157, 8)	32.65831 (157, 8)	33.74124 (157, 8)
330.0 /	25.51380 (122, 4)	23.70408 (122, 4)	23.05056 (86, 1)	23.05978 (86, 1)	22.80557 (86, 1)
320.0 /	27.50420 (63, 8)	29.50560 (63, 8)	30.78753 (63, 8)	31.50666 (63, 8)	31.79753 (63, 8)
310.0 /	41.32536 (64, 1)	44.82006 (64, 1)	47.26526 (64, 1)	48.85327 (64, 1)	49.76190 (64, 1)
300.0 /	33.32518C(361, 7)	36.80581C(361, 7)	39.52015C(361, 7)	41.56001C(361, 7)	43.02689C(361, 7)
290.0 /	32.59519 (91, 7)	35.24488 (91, 7)	37.04412 (91, 7)	38.15958 (91, 7)	38.74074 (91, 7)
280.0 /	25.98601 (234, 7)	28.38759 (234, 7)	30.28917 (234, 7)	31.52000 (234, 7)	32.40178 (234, 7)
270.0 /	28.12321 (121, 7)	30.73685 (121, 7)	32.80978 (121, 7)	34.12867 (121, 7)	35.08279 (121, 7)
260.0 /	29.89821 (251, 7)	32.53167 (251, 7)	34.78485 (251, 7)	36.15840 (251, 7)	37.25314 (251, 7)
250.0 /	26.53864 (343, 4)	26.05518 (49, 7)	27.44080 (49, 7)	28.26559 (49, 7)	28.75770 (49, 7)
240.0 /	31.66996 (261, 1)	35.20350 (261, 1)	38.10051 (261, 1)	40.40860 (261, 1)	42.19379 (261, 1)
230.0 /	24.21215 (259, 1)	26.50217 (259, 1)	28.32613 (259, 1)	29.72728 (259, 1)	30.75980 (259, 1)
220.0 /	29.83525 (162, 7)	32.16724 (162, 7)	33.72675 (162, 7)	34.67109 (162, 7)	35.13869 (162, 7)
210.0 /	33.27328 (267, 2)	36.20564 (267, 2)	38.27121 (267, 2)	39.62879 (267, 2)	40.42455 (267, 2)
200.0 /	34.32087 (161, 8)	37.26368 (161, 8)	39.31699 (161, 8)	40.64868 (161, 8)	41.41014 (161, 8)
190.0 /	29.80532 (294, 4)	29.29391 (303, 8)	30.69485 (303, 8)	31.53993 (303, 8)	31.95292 (303, 8)
180.0 /	32.29089 (261, 2)	35.78091 (261, 2)	38.57496 (261, 2)	40.74151 (261, 2)	42.36320 (261, 2)
170.0 /	35.86318 (342, 2)	38.93045 (342, 2)	41.28192 (342, 2)	42.77625 (342, 2)	43.78212 (342, 2)
160.0 /	32.03677 (360, 2)	34.26925 (360, 2)	35.63908 (360, 2)	36.34846 (360, 2)	36.56514 (360, 2)
150.0 /	41.21730 (13, 2)	44.49704 (13, 2)	46.73047 (13, 2)	48.12420 (13, 2)	48.86240 (13, 2)
140.0 /	18.86176 (116, 5)	19.01410 (153, 2)	20.43167 (153, 2)	21.50558 (153, 2)	22.28773 (153, 2)
130.0 /	25.46443 (167, 2)	28.17145 (167, 2)	30.60102 (167, 2)	32.47290 (167, 2)	34.07322 (167, 2)
120.0 /	26.81065 (317, 7)	28.53612 (317, 7)	29.57734 (317, 7)	30.09295 (317, 7)	30.21600 (317, 7)
110.0 /	26.66692 (146, 4)	27.67123 (93, 7)	28.99137 (93, 7)	29.79186 (93, 7)	30.18675 (93, 7)
100.0 /	28.15615 (78, 4)	29.06406 (80, 8)	30.21087 (80, 8)	30.81067 (80, 8)	31.57874 (208, 2)
90.0 /	26.18406 (45, 7)	28.10353 (45, 7)	29.35903 (45, 7)	30.08674 (45, 7)	30.40715 (45, 7)
80.0 /	24.34664 (216, 8)	26.55186 (216, 8)	28.22126 (216, 8)	29.42454 (216, 8)	30.23691 (216, 8)
70.0 /	29.07458 (77, 7)	31.25266 (77, 7)	32.66624 (77, 7)	33.47178 (77, 7)	33.80845 (77, 7)
60.0 /	32.62547 (204, 8)	36.05753 (204, 8)	38.74738 (204, 8)	40.78095 (204, 8)	42.25478 (204, 8)
50.0 /	31.25594 (223, 5)	29.91656 (205, 8)	31.97170 (205, 8)	33.32188 (205, 8)	34.29426 (205, 8)
40.0 /	22.47987 (220, 8)	24.49920 (220, 8)	26.13483 (220, 8)	27.18968 (220, 8)	27.96512 (220, 8)
30.0 /	20.74015 (279, 1)	22.85563 (279, 1)	24.83069 (279, 1)	26.12148 (279, 1)	27.26652 (279, 1)
20.0 /	21.16179 (34, 1)	23.21207 (297, 1)	25.25068 (297, 1)	26.56681 (297, 1)	27.72172 (297, 1)
10.0 /	37.15307 (69, 2)	40.55608 (69, 2)	43.25079 (69, 2)	45.02710 (69, 2)	46.30069 (69, 2)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1983 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 50.14106 AND OCCURRED AT (10000.0, 310.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 10000.0	11000.0	12000.0	13000.0	14000.0
360.0 /	38.67413 (340, 1)	38.70255 (340, 1)	38.52928 (340, 1)	38.20184 (340, 1)	37.75816 (340, 1)
350.0 /	43.80131 (257, 2)	44.23461 (257, 2)	44.41656 (257, 2)	44.39640 (257, 2)	44.21553 (257, 2)
340.0 /	34.53805 (157, 8)	34.94913 (157, 8)	35.20305 (157, 8)	35.33070 (157, 8)	35.35686 (157, 8)
330.0 /	23.11490 (264, 8)	23.30543 (264, 8)	23.66827 (73, 8)	23.91723 (73, 8)	24.06627 (73, 8)
320.0 /	31.76805 (63, 8)	31.44362 (176, 8)	31.28354 (176, 8)	31.00058 (176, 8)	30.62451 (176, 8)
310.0 /	50.14106 (64, 1)	49.80302 (64, 1)	49.23615 (64, 1)	48.50505 (64, 1)	47.65830 (64, 1)
300.0 /	44.01704C(361, 7)	44.29922C(361, 7)	44.33196C(361, 7)	44.16891C(361, 7)	43.85359C(361, 7)
290.0 /	38.91247 (91, 7)	38.53881 (91, 7)	37.99559 (91, 7)	37.33280 (91, 7)	36.58829 (91, 7)
280.0 /	33.00277 (234, 7)	33.25066 (234, 7)	33.35028 (234, 7)	33.33257 (234, 7)	33.22238 (234, 7)
270.0 /	35.74601 (121, 7)	36.06039 (121, 7)	36.22293 (121, 7)	36.26537 (121, 7)	36.21290 (121, 7)
260.0 /	38.11787 (251, 7)	38.73624 (251, 7)	39.21068 (251, 7)	39.56435 (251, 7)	39.81584 (251, 7)
250.0 /	28.99139 (49, 7)	28.89860 (49, 7)	28.68825 (49, 7)	28.39095 (49, 7)	28.03000 (49, 7)
240.0 /	43.52580 (261, 1)	44.12911 (261, 1)	44.47096 (261, 1)	44.59958 (261, 1)	44.55557 (261, 1)
230.0 /	31.47898 (259, 1)	31.68747 (259, 1)	31.72503 (259, 1)	31.62642 (259, 1)	31.41993 (259, 1)
220.0 /	35.24364 (162, 7)	34.86295 (162, 7)	34.33620 (162, 7)	33.70750 (162, 7)	33.01015 (162, 7)
210.0 /	40.78298 (267, 2)	40.54901 (267, 2)	40.12400 (267, 2)	39.55975 (267, 2)	39.22220 (8, 8)
200.0 /	41.72875 (161, 8)	41.45308 (161, 8)	40.98418 (161, 8)	40.37508 (161, 8)	39.66653 (161, 8)
190.0 /	32.03669 (303, 8)	31.67785 (303, 8)	31.18685 (303, 8)	31.30457 (301, 8)	31.85050 (301, 8)
180.0 /	43.52330 (261, 2)	43.96621 (261, 2)	44.15559 (261, 2)	44.14104 (261, 2)	43.96447 (261, 2)
170.0 /	44.39921 (342, 2)	44.50711 (342, 2)	44.42221 (342, 2)	44.18908 (342, 2)	43.84251 (342, 2)
160.0 /	36.42121 (360, 2)	35.81592 (360, 2)	35.08409 (360, 2)	34.27061 (360, 2)	33.40823 (360, 2)
150.0 /	49.09726 (13, 2)	48.65105 (13, 2)	47.99716 (13, 2)	47.19682 (13, 2)	46.29589 (13, 2)
140.0 /	22.82499 (153, 2)	22.99653 (153, 2)	23.03782 (153, 2)	22.97654 (153, 2)	22.83496 (153, 2)
130.0 /	35.42500 (167, 2)	36.37452 (167, 2)	37.15283 (167, 2)	37.78161 (167, 2)	38.28073 (167, 2)
120.0 /	30.05182 (317, 7)	29.67134 (153, 1)	29.65633 (153, 1)	29.52790 (153, 1)	29.31129 (153, 1)
110.0 /	30.27151 (93, 7)	29.93421 (93, 7)	29.47154 (93, 7)	29.22301 (333, 1)	29.07102 (333, 1)
100.0 /	32.51213 (208, 2)	32.91193 (208, 2)	33.13157 (208, 2)	33.20371 (208, 2)	33.15599 (208, 2)
90.0 /	30.41956 (45, 7)	30.01833 (45, 7)	29.49741 (45, 7)	28.89501 (45, 7)	28.23943 (45, 7)
80.0 /	30.72906 (216, 8)	30.73998 (216, 8)	30.59241 (216, 8)	30.32351 (216, 8)	29.96272 (216, 8)
70.0 /	33.79156 (77, 7)	33.31558 (77, 7)	32.70241 (77, 7)	31.99701 (77, 7)	31.23235 (77, 7)
60.0 /	43.26109 (204, 8)	43.56838 (204, 8)	43.62877 (204, 8)	43.49461 (204, 8)	43.20856 (204, 8)
50.0 /	34.96202 (205, 8)	35.24444 (205, 8)	35.36560 (205, 8)	35.35881 (205, 8)	35.25120 (205, 8)
40.0 /	28.51225 (220, 8)	28.76812 (220, 8)	28.89768 (220, 8)	28.92605 (220, 8)	28.87333 (220, 8)
30.0 /	28.27916 (279, 1)	29.16963 (279, 1)	29.94814 (279, 1)	30.62462 (279, 1)	31.20844 (279, 1)
20.0 /	28.72991 (297, 1)	29.60428 (297, 1)	30.35735 (297, 1)	31.00096 (297, 1)	31.54615 (297, 1)
10.0 /	47.16618 (69, 2)	47.49686 (69, 2)	47.61401 (69, 2)	47.56330 (69, 2)	47.38089 (69, 2)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1983 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 43.36716 AND OCCURRED AT (10000.0, 170.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 200.0	400.0	600.0	800.0	1000.0
360.0 /	9.89480 (244, 2)	9.51159 (244, 2)	9.36740 (142, 1)	9.58137 (30, 8)	9.92490 (30, 8)
350.0 /	8.91554 (244, 2)	8.41341 (257, 2)	8.85775 (257, 2)	9.60435 (257, 2)	10.34461 (224, 2)
340.0 /	9.46806 (337, 1)	8.00362 (236, 1)	7.90020 (157, 8)	7.85744 (123, 1)	9.80084 (157, 8)
330.0 /	9.41151 (135, 1)	7.02191C(126, 8)	6.915B9C(128, 2)	7.12523 (135, 1)	18.61637 (129, 5)
320.0 /	9.25926 (186, 2)	9.72851 (186, 2)	8.82996 (134, 8)	8.32092 (134, 8)	22.39828 (195, 4)
310.0 /	10.41939 (318, 8)	9.81607 (246, 8)	9.65521 (193, 8)	10.29700 (64, 1)	21.30854 (176, 4)
300.0 /	9.55318 (149, 2)	8.92443 (327, 7)	8.97288 (327, 7)	8.97108 (238, 1)	20.12305 (176, 4)
290.0 /	9.23574 (148, 8)	6.71675 (104, 1)	6.71469 (253, 8)	6.78832 (253, 8)	16.69658 (239, 4)
280.0 /	8.60864 (149, 1)	7.90624 (234, 7)	7.90490 (234, 7)	8.31993 (234, 7)	18.44192 (192, 4)
270.0 /	9.13084 (103, 8)	8.21939 (149, 1)	7.67927 (236, 2)	7.90610 (121, 7)	18.41517 (252, 5)
260.0 /	9.85575 (95, 2)	9.15824 (251, 7)	9.86421 (251, 8)	8.92489 (251, 8)	12.95947 (162, 5)
250.0 /	9.14457 (95, 2)	7.72853 (154, 1)	7.55574 (154, 1)	7.81071 (154, 1)	18.48412 (102, 5)
240.0 /	9.12321 (214, 2)	9.18257 (214, 2)	9.01222C(102, 8)	9.48157C(102, 8)	19.63216 (234, 4)
230.0 /	10.09051 (322, 8)	7.15632 (212, 8)	7.18378 (259, 1)	7.64188 (325, 7)	17.01395 (230, 4)
220.0 /	10.79039 (130, 8)	10.77753 (281, 2)	10.91108 (281, 2)	10.79593 (170, 2)	16.50677 (148, 4)
210.0 /	10.82463 (112, 2)	9.92414 (231, 1)	9.93358 (276, 1)	9.88495 (251, 2)	19.27598 (148, 4)
200.0 /	11.69807 (252, 2)	11.03140 (112, 1)	10.75658 (112, 1)	10.58904 (112, 1)	17.87346 (174, 5)
190.0 /	9.84791 (228, 2)	8.76803 (228, 2)	8.19124 (213, 8)	8.29373 (301, 8)	18.80412 (174, 5)
180.0 /	10.38261 (302, 2)	9.72608 (302, 2)	9.56372 (109, 8)	10.03432 (166, 8)	19.50629 (188, 5)
170.0 /	11.35969 (191, 2)	11.24522 (303, 1)	10.92597 (303, 1)	11.50925 (161, 2)	15.98900 (199, 5)
160.0 /	8.48268 (304, 2)	8.30445 (35, 2)	8.78531 (35, 2)	8.87880 (316, 2)	19.69828 (199, 5)
150.0 /	7.50933C(21, 7)	6.75001 (48, 8)	6.33412 (48, 8)	6.68931 (116, 4)	20.97077 (82, 4)
140.0 /	6.57859 (49, 2)	7.12222 (153, 2)	6.94136 (107, 1)	7.16830 (107, 1)	20.55468 (181, 4)
130.0 /	8.25372C(126, 1)	8.02642 (167, 2)	8.03666 (175, 1)	8.17733 (175, 1)	18.28285 (186, 4)
120.0 /	8.45019C(126, 1)	7.60285C(126, 1)	7.25025 (49, 3)	7.69638 (49, 3)	19.98674 (199, 4)
110.0 /	8.50709 (198, 1)	7.27047 (70, 8)	7.80808 (15, 1)	8.31457 (15, 1)	16.41735 (186, 4)
100.0 /	9.55657 (40, 1)	8.13542 (199, 2)	7.94850 (199, 2)	7.89675 (208, 2)	15.14720 (259, 4)
90.0 /	10.34778 (124, 8)	8.01851 (124, 8)	7.07460 (11, 8)	7.34194 (11, 8)	16.59672 (196, 4)
80.0 /	9.56262 (146, 2)	7.40159 (146, 2)	6.79509 (308, 7)	7.28936 (216, 8)	11.56722 (232, 4)
70.0 /	10.12660 (23, 8)	7.37872 (136, 8)	7.63335 (136, 8)	8.07341 (136, 8)	16.86828 (228, 4)
60.0 /	10.63935 (23, 8)	9.19817 (116, 1)	8.55907 (23, 8)	8.77951 (23, 8)	19.20710 (239, 5)
50.0 /	9.43491 (176, 1)	7.06194 (145, 2)	7.15601 (145, 2)	7.80721 (205, 8)	14.38866 (203, 4)
40.0 /	7.44624 (152, 1)	6.72492 (220, 8)	6.69796 (152, 1)	7.28036 (203, 4)	18.95569 (129, 5)
30.0 /	8.38197 (123, 8)	7.83378 (102, 2)	7.91025 (279, 1)	8.61557 (279, 1)	12.37234 (129, 5)
20.0 /	8.62440C(73, 1)	8.03139C(73, 1)	7.53218 (297, 1)	8.25362 (297, 1)	8.96782 (297, 1)
10.0 /	9.49924 (225, 2)	9.16368 (224, 8)	10.02943 (69, 2)	10.48796 (143, 2)	10.83919 (143, 2)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1983 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 43.36716 AND OCCURRED AT (10000.0, 170.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 1200.0	1500.0	2000.0	3000.0	4000.0
360.0 /	10.19595 (123, 2)	11.90068 (340, 1)	17.33023 (200, 4)	21.10355 (340, 1)	21.68046 (244, 4)
350.0 /	11.43223 (143, 1)	16.78872 (105, 4)	21.83072 (243, 5)	25.53576 (244, 4)	29.32268 (143, 1)
340.0 /	11.79904 (195, 4)	14.87741 (111, 5)	18.39041 (242, 5)	22.16327 (242, 5)	21.78634 (255, 4)
330.0 /	20.68505 (129, 5)	19.32184 (111, 5)	21.41609 (128, 5)	22.37481 (243, 4)	25.35252 (122, 4)
320.0 /	29.43275 (195, 4)	30.48671 (216, 4)	24.38273 (216, 4)	21.08258 (119, 5)	22.17586 (176, 8)
310.0 /	28.99669 (176, 4)	28.06566 (176, 4)	24.80907 (145, 4)	28.88652 (64, 1)	32.01816 (119, 5)
300.0 /	27.31868 (176, 4)	25.86670 (176, 4)	20.98985 (176, 4)	24.39226 (130, 4)	27.56900 (140, 8)
290.0 /	20.36864 (216, 4)	21.47770 (192, 4)	26.36584 (103, 4)	28.92271 (118, 5)	27.20248 (103, 4)
280.0 /	22.38882 (192, 4)	21.47772 (192, 4)	22.56712 (103, 4)	23.40083 (103, 4)	23.02824 (234, 7)
270.0 /	21.94201 (230, 4)	22.51558 (192, 5)	23.00094 (192, 5)	22.09582 (192, 5)	22.36183 (234, 5)
260.0 /	19.22561 (192, 5)	24.50684 (162, 5)	23.13968 (128, 4)	24.33549 (230, 5)	25.69661 (276, 4)
250.0 /	20.87267 (102, 5)	24.51460 (128, 4)	26.28928 (162, 5)	25.44994 (343, 4)	28.07015 (343, 4)
240.0 /	24.91574 (186, 4)	24.11136 (186, 4)	30.04660 (209, 4)	27.49087 (234, 4)	27.49226 (261, 1)
230.0 /	29.37353 (230, 4)	30.31961 (230, 4)	25.57971 (230, 4)	22.76024 (249, 4)	21.96715 (168, 4)
220.0 /	22.42663 (252, 4)	24.72071 (252, 4)	22.52631 (215, 4)	23.44155 (168, 4)	26.57244 (162, 7)
210.0 /	21.51382 (176, 5)	23.74707 (125, 5)	21.36807 (125, 5)	21.20450 (125, 4)	26.82512 (125, 4)
200.0 /	20.45824 (110, 4)	22.09977 (215, 4)	18.09771 (215, 4)	18.82751 (147, 4)	21.04788 (292, 1)
190.0 /	21.13881 (174, 5)	21.62502 (111, 5)	21.71372 (233, 4)	23.82697 (294, 4)	28.49395 (265, 5)
180.0 /	21.58780 (188, 5)	23.22087 (111, 5)	21.87617 (111, 5)	21.93275 (261, 2)	25.70891 (301, 2)
170.0 /	20.45713 (110, 4)	18.09601 (110, 4)	19.57401 (342, 2)	26.20445 (342, 2)	31.98659 (342, 2)
160.0 /	21.66367 (199, 5)	17.13889 (199, 5)	19.09210 (107, 4)	22.26788 (16, 5)	26.04136 (316, 2)
150.0 /	27.93464 (82, 4)	24.95656 (82, 4)	23.10996 (116, 4)	29.08148 (13, 2)	33.40207 (312, 5)
140.0 /	27.42658 (181, 4)	26.18459 (181, 4)	21.45933 (181, 4)	17.06955 (116, 4)	16.07536 (198, 4)
130.0 /	25.03080 (186, 4)	24.87131 (181, 4)	20.96576 (199, 4)	20.61368 (199, 4)	21.54954 (109, 5)
120.0 /	23.09125 (199, 4)	24.30308 (111, 4)	21.13264 (199, 4)	23.47118 (109, 5)	24.22834 (317, 7)
110.0 /	23.07256 (186, 4)	23.54062 (259, 4)	20.01599 (116, 4)	24.45790 (116, 4)	23.55454 (186, 4)
100.0 /	20.94933 (129, 4)	18.21406 (129, 4)	20.04171 (232, 4)	21.64055 (187, 5)	24.48003 (80, 8)
90.0 /	19.95877 (129, 4)	21.32174 (114, 5)	25.03038 (232, 4)	19.91035 (101, 4)	23.46431 (45, 7)
80.0 /	21.19941 (232, 4)	22.61200 (232, 4)	25.83669 (114, 4)	23.46683 (114, 5)	21.55766 (216, 8)
70.0 /	19.52736 (239, 5)	20.59166 (228, 4)	19.10183 (204, 4)	24.34212 (114, 4)	24.94357 (204, 4)
60.0 /	21.52107 (239, 5)	18.81197 (239, 5)	19.94303 (228, 4)	25.32477 (219, 5)	28.40098 (204, 8)
50.0 /	17.84349 (203, 4)	17.08213 (145, 5)	18.86976 (223, 5)	24.59240 (108, 4)	24.40744 (108, 4)
40.0 /	21.06062 (129, 5)	17.95888 (144, 4)	19.47432 (203, 4)	19.43358 (223, 5)	20.27372 (223, 5)
30.0 /	14.22628 (129, 5)	15.34158 (259, 5)	17.70640 (259, 5)	19.28361 (197, 5)	18.66092 (197, 5)
20.0 /	9.84139 (203, 4)	12.27124 (221, 5)	18.01979 (129, 4)	20.95433 (157, 4)	21.73036 (157, 4)
10.0 /	11.24515 (337, 7)	16.10945 (69, 2)	20.84885 (142, 5)	27.35979 (200, 4)	29.73925 (142, 5)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1983 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 43.36716 AND OCCURRED AT (10000.0, 170.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 5000.0	6000.0	7000.0	8000.0	9000.0
360.0 /	24.38240 (123, 2)	27.01568 (123, 2)	29.32848 (123, 2)	31.07652 (123, 2)	32.53059 (123, 2)
350.0 /	32.65636 (143, 1)	34.99105 (143, 1)	36.50280 (143, 1)	37.36423 (143, 1)	37.72641 (143, 1)
340.0 /	19.71584 (92, 1)	21.03827 (92, 1)	21.86365 (92, 1)	22.30321 (92, 1)	22.91080 (311, 8)
330.0 /	22.99185 (128, 5)	22.66791 (86, 1)	21.40530 (122, 4)	21.75436 (264, 8)	22.54854 (264, 8)
320.0 /	25.00587 (176, 8)	27.23746 (176, 8)	28.92314 (176, 8)	30.13544 (176, 8)	30.95149 (176, 8)
310.0 /	33.34036 (95, 8)	36.15295 (95, 8)	38.09911 (95, 8)	39.34631 (95, 8)	40.04536 (95, 8)
300.0 /	30.82309 (140, 8)	33.16846 (140, 8)	34.75296 (140, 8)	35.72669 (140, 8)	36.22373 (140, 8)
290.0 /	23.97219 (103, 4)	21.58208 (140, 7)	22.57794 (140, 7)	23.61948 (141, 7)	24.43864 (141, 7)
280.0 /	21.30868 (118, 5)	22.00720 (119, 8)	23.36199 (119, 8)	24.28314 (119, 8)	24.89328 (119, 8)
270.0 /	21.94142 (36, 7)	24.05649 (149, 1)	26.15260 (149, 1)	27.56679 (149, 1)	28.85849 (149, 1)
260.0 /	27.73849 (138, 7)	30.28171 (138, 7)	32.18015 (138, 7)	33.52403 (138, 7)	34.40698 (138, 7)
250.0 /	25.63296 (209, 5)	23.60297 (343, 4)	24.64911 (302, 7)	25.27449 (302, 7)	25.56634 (302, 7)
240.0 /	27.10157 (209, 4)	26.53108 (212, 2)	28.44894 (212, 2)	29.71393 (212, 2)	30.68311 (212, 2)
230.0 /	24.00072 (292, 6)	26.44568 (292, 6)	28.23395 (292, 6)	29.46055 (292, 6)	30.22635 (292, 6)
220.0 /	24.91347 (175, 4)	24.12691 (175, 4)	22.79499 (175, 4)	21.89767 (282, 7)	22.44018 (282, 7)
210.0 /	29.06319 (8, 8)	32.08093 (8, 8)	34.50903 (8, 8)	36.40103 (8, 8)	37.82437 (8, 8)
200.0 /	23.56229 (292, 1)	25.68649 (292, 1)	27.41286 (292, 1)	28.62526 (292, 1)	29.52398 (292, 1)
190.0 /	27.19870 (303, 8)	28.35905 (294, 4)	26.14298 (294, 4)	26.84153 (301, 8)	28.00660 (301, 8)
180.0 /	29.32604 (301, 2)	32.36431 (301, 2)	34.86491 (301, 2)	36.58324 (301, 2)	37.90023 (301, 2)
170.0 /	34.82289 (49, 4)	37.86606 (300, 8)	40.20909 (300, 8)	41.81495 (300, 8)	42.82647 (300, 8)
160.0 /	28.41168 (316, 2)	29.90157 (316, 2)	30.69965 (316, 2)	31.65826 (299, 1)	32.52944 (299, 1)
150.0 /	37.63095 (312, 5)	37.92444 (312, 5)	36.10805 (312, 5)	33.47541 (312, 5)	30.73685 (312, 5)
140.0 /	17.21379 (153, 2)	16.06119 (198, 4)	16.78992 (107, 1)	17.32161 (107, 1)	17.73575 (107, 1)
130.0 /	20.35222 (84, 1)	21.84279 (84, 1)	22.71831 (84, 1)	23.12289 (84, 1)	23.18018 (84, 1)
120.0 /	25.16710 (100, 5)	25.46865 (153, 1)	27.13579 (153, 1)	28.25503 (153, 1)	29.03648 (153, 1)
110.0 /	25.70456 (93, 7)	24.28296 (146, 4)	25.49925 (333, 1)	26.98362 (333, 1)	28.08524 (333, 1)
100.0 /	27.21100 (80, 8)	26.71583 (208, 2)	28.72662 (208, 2)	30.33278 (208, 2)	30.99817 (80, 8)
90.0 /	22.46679 (100, 8)	23.97293 (100, 8)	24.92644 (100, 8)	25.44270 (100, 8)	25.62339 (100, 8)
80.0 /	22.47847 (68, 1)	24.58064 (68, 1)	26.32043 (68, 1)	27.48477 (68, 1)	28.37003 (68, 1)
70.0 /	21.95741 (204, 4)	23.60154 (313, 6)	25.83643 (313, 6)	27.46456 (313, 6)	28.55408 (313, 6)
60.0 /	29.74438 (207, 4)	29.94606C(144, 1)	32.21601C(144, 1)	34.00940C(144, 1)	35.38215C(144, 1)
50.0 /	27.32235 (205, 8)	27.77687 (223, 5)	24.57279 (314, 3)	25.09332 (137, 1)	26.19230 (137, 1)
40.0 /	19.00551 (207, 3)	19.60172 (207, 3)	20.58597 (124, 1)	21.53040 (124, 1)	22.16925 (124, 1)
30.0 /	20.26200 (242, 2)	22.11943 (242, 2)	23.58356 (242, 2)	24.69340 (242, 2)	25.49682 (242, 2)
20.0 /	21.04635 (245, 4)	22.35344 (34, 1)	23.02556 (34, 1)	23.30383 (34, 1)	23.29262 (34, 1)
10.0 /	26.61522 (142, 5)	27.99955 (255, 8)	29.84051 (255, 8)	31.18662 (255, 8)	32.11586 (255, 8)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1983 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 43.36716 AND OCCURRED AT (10000.0, 170.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 10000.0	11000.0	12000.0	13000.0	14000.0
360.0 /	33.72038 (123, 2)	34.49612 (123, 2)	35.09278 (123, 2)	35.53515 (123, 2)	35.84557 (123, 2)
350.0 /	37.71302 (143, 1)	37.19508 (143, 1)	36.53425 (143, 1)	35.77699 (143, 1)	34.95757 (143, 1)
340.0 /	23.55628 (327, 6)	24.03893 (327, 6)	24.37148 (327, 6)	24.57772 (327, 6)	24.67844 (327, 6)
330.0 /	22.79178 (73, 8)	23.30042 (73, 8)	23.62842 (73, 7)	23.87821 (73, 7)	24.02819 (73, 7)
320.0 /	31.44308 (176, 8)	31.32020 (63, 8)	30.75200 (63, 8)	30.10371 (63, 8)	29.40453 (63, 8)
310.0 /	40.32189 (95, 8)	40.02850 (95, 8)	39.55584 (95, 8)	38.95413 (95, 8)	38.26209 (95, 8)
300.0 /	36.35581 (140, 8)	36.47746 (41, 1)	36.68987 (41, 1)	36.76034 (41, 1)	36.71714 (41, 1)
290.0 /	24.97840 (141, 7)	25.11534 (141, 7)	25.10531 (141, 7)	24.98011 (141, 7)	24.76571 (141, 7)
280.0 /	25.25164 (119, 8)	25.25488 (119, 8)	25.13412 (119, 8)	24.91807 (119, 8)	24.63008 (119, 8)
270.0 /	30.03284 (149, 1)	31.09596 (149, 1)	32.05461 (149, 1)	32.91582 (149, 1)	33.68651 (149, 1)
260.0 /	34.91536 (138, 7)	34.88432 (138, 7)	34.67014 (138, 7)	34.36680 (139, 1)	34.32533 (139, 1)
250.0 /	25.60205 (302, 7)	25.45123 (169, 7)	25.50867 (169, 7)	25.45387 (169, 7)	25.31081 (169, 7)
240.0 /	31.40716 (212, 2)	31.82442 (212, 2)	32.10102 (212, 2)	32.26313 (212, 2)	32.33191 (212, 2)
230.0 /	30.62434 (292, 6)	30.54489 (292, 6)	30.29093 (292, 6)	29.90813 (292, 6)	29.43181 (292, 6)
220.0 /	23.18841 (7, 1)	23.69215 (7, 1)	24.05374 (7, 1)	24.29465 (7, 1)	24.43435 (7, 1)
210.0 /	38.84711 (8, 8)	39.23327 (8, 8)	39.39648 (8, 8)	39.38077 (8, 8)	38.89660 (267, 2)
200.0 /	30.15769 (292, 1)	30.40321 (292, 1)	30.50023 (292, 1)	30.47702 (292, 1)	31.01324 (89, 1)
190.0 /	29.02241 (301, 8)	29.90226 (301, 8)	30.65893 (301, 8)	30.60400 (303, 8)	29.95958 (303, 8)
180.0 /	38.88358 (301, 2)	39.43766 (301, 2)	39.80144 (301, 2)	40.01012 (301, 2)	40.09285 (301, 2)
170.0 /	43.36716 (300, 8)	43.26102 (300, 8)	42.93840 (300, 8)	42.45485 (300, 8)	41.85365 (300, 8)
160.0 /	33.12726 (299, 1)	33.37789 (299, 1)	33.48641 (299, 1)	33.48272 (299, 1)	33.39071 (299, 1)
150.0 /	28.20645 (312, 5)	25.98014 (312, 5)	24.05453 (312, 5)	23.72784 (9, 7)	23.77761 (9, 7)
140.0 /	18.05376 (107, 1)	18.25823 (107, 1)	18.40574 (107, 1)	18.50630 (107, 1)	18.56738 (107, 1)
130.0 /	22.98842 (84, 1)	23.04707 (217, 1)	23.24899 (217, 1)	23.33815 (217, 1)	23.33574 (217, 1)
120.0 /	29.54217 (153, 1)	29.51066 (317, 7)	28.87156 (317, 7)	28.17058 (317, 7)	27.43370 (317, 7)
110.0 /	28.86061 (333, 1)	29.15141 (333, 1)	29.25993 (333, 1)	28.92159 (93, 7)	28.31290 (93, 7)
100.0 /	30.88106 (80, 8)	30.36362 (80, 8)	29.73717 (80, 8)	29.04012 (80, 8)	28.30019 (80, 8)
90.0 /	25.55213 (100, 8)	25.13783 (100, 8)	24.62995 (100, 8)	24.09367 (60, 7)	23.63834 (60, 7)
80.0 /	29.02191 (68, 1)	29.36441 (68, 1)	29.57095 (68, 1)	29.66671 (68, 1)	29.67222 (68, 1)
70.0 /	29.19073 (313, 6)	29.32177 (313, 6)	29.19864 (313, 6)	28.88551 (313, 6)	28.43587 (313, 6)
60.0 /	36.39282C(144, 1)	36.80416C(144, 1)	37.00994C(144, 1)	37.04856C(144, 1)	36.95237C(144, 1)
50.0 /	27.18845 (137, 1)	28.08695 (137, 1)	28.89367 (137, 1)	29.61474 (137, 1)	30.25641 (137, 1)
40.0 /	22.74729 (197, 1)	23.08552 (197, 1)	23.28641 (197, 1)	23.37443 (197, 1)	23.37079 (197, 1)
30.0 /	26.04196 (242, 2)	26.17128 (242, 2)	26.16377 (242, 2)	26.04828 (242, 2)	25.84818 (242, 2)
20.0 /	23.07358 (34, 1)	23.19841 (66, 8)	23.56781 (66, 8)	23.81883 (66, 8)	23.97026 (66, 8)
10.0 /	33.21270 (143, 2)	34.00070 (143, 2)	34.61831 (143, 2)	35.08838 (143, 2)	35.43161 (143, 2)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1983 ***

* 50 MAXIMUM 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM ALL SOURCES *

RANK	CON.	PER.	DAY	X OR RANGE (METERS)	Y(METERS) OR DIRECTION (DEGREES)	RANK	CON.	PER.	DAY	X OR RANGE (METERS)	Y(METERS) OR DIRECTION (DEGREES)
1	50.14106	1	64	10000.0	310.0	26	44.55557	1	261	14000.0	240.0
2	49.80302	1	64	11000.0	310.0	27	44.50711	2	342	11000.0	170.0
3	49.76190	1	64	9000.0	310.0	28	44.49704	2	13	6000.0	150.0
4	49.23615	1	64	12000.0	310.0	29	44.47096	1	261	12000.0	240.0
5	49.09726	2	13	10000.0	150.0	30	44.42221	2	342	12000.0	170.0
6	48.86240	2	13	9000.0	150.0	31	44.41656	2	257	12000.0	350.0
7	48.85327	1	64	8000.0	310.0	32	44.39921	2	342	10000.0	170.0
8	48.65105	2	13	11000.0	150.0	33	44.39640	2	257	13000.0	350.0
9	48.50505	1	64	13000.0	310.0	34	44.33196C	7	361	12000.0	300.0
10	48.12420	2	13	8000.0	150.0	35	44.29922C	7	361	11000.0	300.0
11	47.99716	2	13	12000.0	150.0	36	44.23461	2	257	11000.0	350.0
12	47.65830	1	64	14000.0	310.0	37	44.21553	2	257	14000.0	350.0
13	47.61401	2	69	12000.0	10.0	38	44.18908	2	342	13000.0	170.0
14	47.56330	2	69	13000.0	10.0	39	44.16891C	7	361	13000.0	300.0
15	47.49686	2	69	11000.0	10.0	40	44.15559	2	261	12000.0	180.0
16	47.38089	2	69	14000.0	10.0	41	44.14104	2	261	13000.0	180.0
17	47.26526	1	64	7000.0	310.0	42	44.12911	1	261	11000.0	240.0
18	47.19682	2	13	13000.0	150.0	43	44.01704C	7	361	10000.0	300.0
19	47.16618	2	69	10000.0	10.0	44	43.96621	2	261	11000.0	180.0
20	46.73047	2	13	7000.0	150.0	45	43.96447	2	261	14000.0	180.0
21	46.30069	2	69	9000.0	10.0	46	43.85359C	7	361	14000.0	300.0
22	46.29589	2	13	14000.0	150.0	47	43.84251	2	342	14000.0	170.0
23	45.02710	2	69	8000.0	10.0	48	43.80131	2	257	10000.0	350.0
24	44.82006	1	64	6000.0	310.0	49	43.78212	2	342	9000.0	170.0
25	44.59958	1	261	13000.0	240.0	50	43.62877	8	204	12000.0	60.0

SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1983

HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER)
FROM ALL SOURCES
FOR THE RECEPTOR GRID

MAXIMUM VALUE EQUALS 13.28388 AND OCCURRED AT (11000.0, 300.0)

DIRECTION / (DEGREES) /	RANGE (METERS) 200.0	400.0	600.0	800.0	1000.0
360.0 /	3.09124C(221, 1)	2.68563C(221, 1)	2.48503C(221, 1)	2.39943C(221, 1)	2.39093C(221, 1)
350.0 /	2.94308 (224, 1)	2.65192 (224, 1)	2.25620 (224, 1)	2.06399 (257, 1)	2.30363 (257, 1)
340.0 /	2.18436 (135, 1)	1.77131 (135, 1)	1.51703 (135, 1)	1.39435 (135, 1)	1.78801C(195, 1)
330.0 /	2.57091 (135, 1)	2.54524 (135, 1)	2.29346 (135, 1)	2.17718 (135, 1)	3.56863C(195, 1)
320.0 /	2.61953 (247, 1)	2.41456 (247, 1)	2.01771 (247, 1)	1.93827 (97, 1)	3.53980C(195, 1)
310.0 /	2.16784C(129, 1)	1.99443 (193, 1)	1.91216 (64, 1)	2.42946 (216, 1)	4.65986 (216, 1)
300.0 /	2.21456 (238, 1)	2.24734 (41, 1)	2.34280 (41, 1)	2.58985C(361, 1)	3.47547 (216, 1)
290.0 /	2.21827 (149, 1)	1.88621 (253, 1)	1.76477 (253, 1)	1.73691 (238, 1)	3.71776C(192, 1)
280.0 /	2.28656C(133, 1)	2.65195C(119, 1)	2.58331C(119, 1)	2.64381C(119, 1)	4.84188C(192, 1)
270.0 /	2.28676C(133, 1)	2.05107C(119, 1)	1.79659 (121, 1)	1.90277 (121, 1)	4.58692C(192, 1)
260.0 /	2.25431 (251, 1)	2.49773 (251, 1)	2.49131 (251, 1)	2.50462 (251, 1)	3.19778 (186, 1)
250.0 /	2.47666 (214, 1)	2.35242 (214, 1)	2.02611 (214, 1)	1.85607C(154, 1)	3.84129 (186, 1)
240.0 /	2.54724C(322, 1)	2.43513C(322, 1)	2.17855C(322, 1)	2.26023C(102, 1)	3.94624 (232, 1)
230.0 /	2.61335 (212, 1)	2.39586 (212, 1)	2.07541 (212, 1)	1.95170 (212, 1)	3.04577 (234, 1)
220.0 /	2.55737 (276, 1)	2.10697 (276, 1)	1.74797 (276, 1)	1.61128 (282, 1)	2.53415 (176, 1)
210.0 /	2.82234 (276, 1)	2.66973 (283, 1)	2.84229 (283, 1)	3.08790 (283, 1)	3.66833 (215, 1)
200.0 /	2.96819 (89, 1)	2.83215 (292, 1)	2.69799 (292, 1)	2.74063 (292, 1)	2.87465 (292, 1)
190.0 /	2.59658 (275, 1)	2.36213 (293, 1)	1.95191 (293, 1)	1.90676 (228, 1)	4.09107C(110, 1)
180.0 /	3.18444 (26, 1)	2.19657 (190, 1)	2.18546 (190, 1)	2.35876 (306, 1)	4.41617C(110, 1)
170.0 /	2.97821 (26, 1)	2.98491 (342, 1)	2.99583 (342, 1)	3.09281 (342, 1)	4.32802 (82, 1)
160.0 /	2.00895 (26, 1)	2.33435 (272, 1)	1.98305 (272, 1)	1.83587 (272, 1)	3.72990 (82, 1)
150.0 /	1.48882 (278, 1)	1.44637C(321, 1)	1.53553C(321, 1)	1.66444C(321, 1)	3.18051C(116, 1)
140.0 /	1.96402 (49, 1)	1.35665C(24, 1)	1.25510C(24, 1)	1.19861C(24, 1)	3.21652C(116, 1)
130.0 /	2.75338 (49, 1)	1.75898 (14, 1)	1.46636C(25, 1)	1.50428 (175, 1)	2.46982 (181, 1)
120.0 /	2.94526 (49, 1)	2.56043 (49, 1)	2.28509 (49, 1)	2.13886 (49, 1)	2.99491 (199, 1)
110.0 /	2.36807C(24, 1)	2.25557C(24, 1)	2.23862C(24, 1)	2.26903C(24, 1)	2.89583 (199, 1)
100.0 /	2.32908 (199, 1)	1.86611 (208, 1)	1.98359 (208, 1)	2.12260 (208, 1)	2.83429 (199, 1)
90.0 /	2.41887 (187, 1)	2.49208 (146, 1)	2.32444 (146, 1)	2.34579 (146, 1)	2.64890C(129, 1)
80.0 /	2.18085 (146, 1)	2.38423 (68, 1)	2.36156 (68, 1)	2.43908 (68, 1)	2.82163 (114, 1)
70.0 /	2.56977 (145, 1)	1.87595 (68, 1)	1.75158C(136, 1)	1.84622C(136, 1)	2.34142 (114, 1)
60.0 /	2.61416 (145, 1)	2.15538 (176, 1)	1.95026 (176, 1)	1.86190 (176, 1)	2.64609 (239, 1)
50.0 /	2.11640 (55, 1)	1.80211 (206, 1)	1.78390 (205, 1)	1.94529 (205, 1)	2.56604C(129, 1)
40.0 /	2.00760 (55, 1)	1.54923 (55, 1)	1.33815 (220, 1)	1.41472 (220, 1)	2.87791C(129, 1)
30.0 /	2.31832 (225, 1)	1.90614C(151, 1)	1.73223C(151, 1)	1.64005C(151, 1)	2.16056 (203, 1)
20.0 /	2.77346 (30, 1)	2.26014 (225, 1)	1.97917C(73, 1)	1.97792 (297, 1)	2.10036 (297, 1)
10.0 /	3.07344 (30, 1)	2.30304C(337, 1)	2.17171C(337, 1)	2.14129C(337, 1)	2.18660C(337, 1)

SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1983

HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER)
FROM ALL SOURCES
FOR THE RECEPTOR GRID

MAXIMUM VALUE EQUALS 13.28388 AND OCCURRED AT (11000.0, 300.0)

DIRECTION / (DEGREES) /	RANGE (METERS) 1200.0	1500.0	2000.0	3000.0	4000.0
360.0 /	2.41512C(221, 1)	3.59956 (201, 1)	5.22591 (201, 1)	7.28061 (201, 1)	8.18994 (201, 1)
350.0 /	2.49687 (257, 1)	5.17434 (218, 1)	7.86824 (218, 1)	8.90220 (218, 1)	7.66895 (218, 1)
340.0 /	2.37183C(195, 1)	3.72313 (218, 1)	5.39319 (218, 1)	6.16421 (203, 1)	7.06580 (135, 1)
330.0 /	4.62157C(195, 1)	5.70762C(195, 1)	6.50389C(195, 1)	6.81887C(128, 1)	6.82878C(128, 1)
320.0 /	4.63038C(195, 1)	5.67082C(195, 1)	6.29442C(195, 1)	5.77070C(195, 1)	6.63087C(63, 1)
310.0 /	5.84821 (216, 1)	5.96830 (216, 1)	6.48944C(127, 1)	8.50304C(127, 1)	8.46654 (64, 1)
300.0 /	4.68028 (216, 1)	4.95218 (216, 1)	5.42841 (235, 1)	7.35540C(361, 1)	9.28442C(361, 1)
290.0 /	4.49743C(192, 1)	4.39022C(103, 1)	6.35630C(103, 1)	7.19635C(103, 1)	7.41790C(141, 1)
280.0 /	5.91673C(192, 1)	5.85589C(192, 1)	8.46787C(118, 1)	9.43243C(118, 1)	8.46988C(118, 1)
270.0 /	5.51767C(192, 1)	5.40835C(192, 1)	7.29099C(118, 1)	7.52021C(118, 1)	6.76819 (121, 1)
260.0 /	4.31502 (230, 1)	6.16353 (230, 1)	6.75213 (230, 1)	6.76661C(117, 1)	8.58577 (211, 1)
250.0 /	5.12269 (186, 1)	5.17734 (186, 1)	5.36552 (230, 1)	5.76743 (276, 1)	6.87567 (276, 1)
240.0 /	5.15089 (232, 1)	5.43483 (234, 1)	5.53350 (234, 1)	5.84515 (209, 1)	5.60362 (209, 1)
230.0 /	4.14240 (234, 1)	4.25682 (234, 1)	5.96480 (168, 1)	8.41516 (168, 1)	9.25044 (168, 1)
220.0 /	3.33093 (230, 1)	4.26078 (215, 1)	5.20566 (167, 1)	6.35096 (167, 1)	6.20358 (167, 1)
210.0 /	4.58780 (215, 1)	5.24866 (215, 1)	5.70141 (215, 1)	6.23714 (283, 1)	7.40995 (283, 1)
200.0 /	3.15618C(110, 1)	3.74976C(125, 1)	3.84997C(125, 1)	5.25179 (161, 1)	6.04122 (161, 1)
190.0 /	5.11882C(110, 1)	4.68626C(110, 1)	4.04860C(110, 1)	5.19356 (167, 1)	6.09882 (167, 1)
180.0 /	5.42531C(110, 1)	4.97020C(110, 1)	4.47465 (306, 1)	6.10718 (306, 1)	7.59894 (306, 1)
170.0 /	5.20667 (82, 1)	4.88945 (82, 1)	4.97506 (342, 1)	6.30700 (342, 1)	7.30002 (342, 1)
160.0 /	4.66435 (82, 1)	4.92944C(107, 1)	6.62512C(107, 1)	7.62616C(107, 1)	7.44591C(107, 1)
150.0 /	4.48847C(116, 1)	4.74342C(116, 1)	5.57937C(107, 1)	6.64983C(107, 1)	6.71806C(107, 1)
140.0 /	4.62992C(116, 1)	5.16229C(116, 1)	5.57335C(116, 1)	5.75151C(116, 1)	5.09358C(116, 1)
130.0 /	3.41292 (181, 1)	3.66677 (181, 1)	3.93050 (317, 1)	5.28861 (317, 1)	5.78069 (317, 1)
120.0 /	3.86357 (186, 1)	3.93348 (199, 1)	5.27561 (317, 1)	7.07240 (317, 1)	7.97593 (317, 1)
110.0 /	3.73817 (199, 1)	4.51093 (199, 1)	5.78505C(93, 1)	7.91982C(93, 1)	8.92110C(93, 1)
100.0 /	3.86234 (199, 1)	4.74927 (199, 1)	5.20969 (199, 1)	5.49923 (80, 1)	6.76183 (80, 1)
90.0 /	3.53071 (232, 1)	5.34034 (114, 1)	6.83688 (114, 1)	7.18261 (146, 1)	8.53267 (146, 1)
80.0 /	4.76895 (114, 1)	7.40917 (114, 1)	8.93675 (114, 1)	8.83057 (114, 1)	8.08633 (114, 1)
70.0 /	3.47894 (114, 1)	5.02984 (114, 1)	5.97021 (114, 1)	6.11286 (114, 1)	6.00936 (114, 1)
60.0 /	3.10403 (228, 1)	3.74113 (241, 1)	5.24783 (241, 1)	6.91808 (241, 1)	7.63860 (241, 1)
50.0 /	3.23984 (145, 1)	3.18039 (145, 1)	4.23703C(221, 1)	5.56466C(108, 1)	6.03486 (205, 1)
40.0 /	3.29354C(129, 1)	3.38298C(144, 1)	5.16005C(144, 1)	5.84386C(144, 1)	5.16741C(144, 1)
30.0 /	2.68168C(129, 1)	3.04165C(129, 1)	3.52574C(129, 1)	4.00637 (242, 1)	5.13603 (242, 1)
20.0 /	2.20849 (297, 1)	2.96046C(129, 1)	4.08267C(129, 1)	5.00234C(129, 1)	5.00684 (142, 1)
10.0 /	2.26662C(337, 1)	3.27693 (200, 1)	4.77566 (200, 1)	5.10741 (142, 1)	5.36677 (142, 1)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1983 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 13.28388 AND OCCURRED AT (11000.0, 300.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 5000.0	6000.0	7000.0	8000.0	9000.0
360.0 /	8.46288 (201, 1)	8.50189 (201, 1)	8.45903 (201, 1)	8.32478 (201, 1)	8.18837 (201, 1)
350.0 /	6.85074 (257, 1)	7.53568 (257, 1)	8.07476 (257, 1)	8.48377 (257, 1)	8.78113 (257, 1)
340.0 /	7.34672 (135, 1)	7.24825 (135, 1)	6.99721 (135, 1)	6.67850 (135, 1)	6.38273C(327, 1)
330.0 /	6.27539C(128, 1)	5.63950C(128, 1)	5.81907C(73, 1)	6.22694C(73, 1)	6.56217C(73, 1)
320.0 /	7.29929C(63, 1)	7.75018C(63, 1)	8.04864C(63, 1)	8.19767C(63, 1)	8.26495C(63, 1)
310.0 /	9.55569 (64, 1)	10.36753 (64, 1)	10.93167 (64, 1)	11.28282 (64, 1)	11.46981 (64, 1)
300.0 /	10.51046C(361, 1)	11.45083C(361, 1)	12.15539C(361, 1)	12.66774C(361, 1)	13.02374C(361, 1)
290.0 /	7.98470C(141, 1)	8.36276C(141, 1)	8.60990C(141, 1)	8.75572C(141, 1)	8.82037C(141, 1)
280.0 /	7.73546 (94, 1)	8.02349 (94, 1)	8.13077 (94, 1)	8.13109 (94, 1)	8.06788 (94, 1)
270.0 /	7.33406 (121, 1)	7.70057 (121, 1)	7.96082 (121, 1)	8.07671 (121, 1)	8.15303 (121, 1)
260.0 /	9.64319 (211, 1)	10.05086 (211, 1)	10.07243 (211, 1)	9.89653 (211, 1)	9.63210 (211, 1)
250.0 /	7.05021 (276, 1)	7.19814 (302, 1)	7.20998 (302, 1)	7.12893 (302, 1)	6.99567 (302, 1)
240.0 /	5.69185 (169, 1)	6.10329 (169, 1)	6.30241 (169, 1)	6.35549 (169, 1)	6.33469 (169, 1)
230.0 /	9.16766 (168, 1)	8.77690 (168, 1)	8.32041 (168, 1)	7.85662 (168, 1)	7.44334 (168, 1)
220.0 /	5.68499 (167, 1)	5.55280 (162, 1)	5.60748 (162, 1)	5.61990 (162, 1)	5.59624 (162, 1)
210.0 /	8.25935 (283, 1)	8.96773 (283, 1)	9.54345 (283, 1)	9.90986 (283, 1)	10.17877 (283, 1)
200.0 /	6.28383 (161, 1)	6.54990 (292, 1)	6.90326 (292, 1)	7.12769 (292, 1)	7.27575 (292, 1)
190.0 /	6.42797 (167, 1)	6.51004 (167, 1)	6.48168 (167, 1)	6.37855 (167, 1)	6.26005 (167, 1)
180.0 /	8.48213 (306, 1)	9.11937 (306, 1)	9.54951 (306, 1)	9.81252 (306, 1)	9.94454 (306, 1)
170.0 /	7.92007 (342, 1)	8.36454 (342, 1)	8.68821 (342, 1)	8.85155 (342, 1)	8.95534 (342, 1)
160.0 /	7.47196 (16, 1)	7.37332 (16, 1)	7.37924 (299, 1)	7.53030 (299, 1)	7.61131 (299, 1)
150.0 /	6.37487C(107, 1)	6.08063 (13, 1)	6.31803 (13, 1)	6.44620 (13, 1)	6.49558 (13, 1)
140.0 /	4.28390C(116, 1)	4.04770C(107, 1)	4.00249C(107, 1)	3.93538C(107, 1)	3.87753C(107, 1)
130.0 /	5.80206 (317, 1)	5.67546 (317, 1)	5.48795 (317, 1)	5.28144 (317, 1)	5.10808C(25, 1)
120.0 /	8.21084 (317, 1)	8.22008 (317, 1)	8.11439 (317, 1)	7.94212 (317, 1)	7.73877 (317, 1)
110.0 /	9.19770C(93, 1)	9.23531C(93, 1)	9.17760C(93, 1)	9.04009C(93, 1)	9.05407 (71, 1)
100.0 /	7.53268 (80, 1)	8.01649 (80, 1)	8.27655 (80, 1)	8.37102 (80, 1)	8.34705 (80, 1)
90.0 /	9.23709 (146, 1)	9.61246 (146, 1)	9.79620 (146, 1)	9.82739 (146, 1)	9.80129 (146, 1)
80.0 /	7.59855 (206, 1)	7.29065 (206, 1)	7.40767 (68, 1)	7.70406 (68, 1)	7.92477 (68, 1)
70.0 /	6.19013 (77, 1)	6.62898 (77, 1)	6.90120 (77, 1)	7.04384 (77, 1)	7.08880 (77, 1)
60.0 /	7.87460 (241, 1)	7.99910 (241, 1)	8.09870 (241, 1)	8.15698 (241, 1)	8.20819 (241, 1)
50.0 /	6.80557 (205, 1)	7.43895 (205, 1)	7.94853 (205, 1)	8.28336 (205, 1)	8.53007 (205, 1)
40.0 /	4.34367C(144, 1)	4.20986 (220, 1)	4.46516 (220, 1)	4.62909 (220, 1)	4.74278 (220, 1)
30.0 /	5.82771 (242, 1)	6.30513 (242, 1)	6.62957 (242, 1)	6.84195 (242, 1)	6.96874 (242, 1)
20.0 /	5.06800 (339, 1)	5.07849 (339, 1)	5.06900 (297, 1)	5.31418 (297, 1)	5.53063 (297, 1)
10.0 /	5.03611 (143, 1)	5.47232 (338, 1)	5.83607 (338, 1)	6.08549 (338, 1)	6.26486 (338, 1)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1983 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 13.28388 AND OCCURRED AT (11000.0, 300.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 10000.0	11000.0	12000.0	13000.0	14000.0
360.0 /	8.05620 (201, 1)	7.91664 (201, 1)	7.78605 (201, 1)	7.66366 (201, 1)	7.54854 (201, 1)
350.0 /	8.98497 (257, 1)	9.04433 (257, 1)	9.05421 (257, 1)	9.02492 (257, 1)	8.96495 (257, 1)
340.0 /	6.54453C(327, 1)	6.59734C(327, 1)	6.61049C(327, 1)	6.59241C(327, 1)	6.54986C(327, 1)
330.0 /	6.83141C(73, 1)	6.98406C(73, 1)	7.09450C(73, 1)	7.16932C(73, 1)	7.21417C(73, 1)
320.0 /	8.27351C(63, 1)	8.20989C(63, 1)	8.12526C(63, 1)	8.02710C(63, 1)	7.92033C(63, 1)
310.0 /	11.52915 (64, 1)	11.42441 (64, 1)	11.26421 (64, 1)	11.06510 (64, 1)	10.83927 (64, 1)
300.0 /	13.25264C(361, 1)	13.28388C(361, 1)	13.25160C(361, 1)	13.16999C(361, 1)	13.05032C(361, 1)
290.0 /	8.82005C(141, 1)	8.71374C(141, 1)	8.58012C(141, 1)	8.42669C(141, 1)	8.25934C(141, 1)
280.0 /	7.96377 (94, 1)	7.79046 (94, 1)	7.60792 (94, 1)	7.53354C(119, 1)	7.47800C(119, 1)
270.0 /	8.20078 (121, 1)	8.20675 (121, 1)	8.19868 (121, 1)	8.17880 (121, 1)	8.14885 (121, 1)
260.0 /	9.33502 (211, 1)	8.99076 (211, 1)	8.65935 (211, 1)	8.34475 (211, 1)	8.04775 (211, 1)
250.0 /	6.83313 (302, 1)	6.61945 (302, 1)	6.40683 (302, 1)	6.19915 (302, 1)	5.99834 (302, 1)
240.0 /	6.27155 (169, 1)	6.15990 (169, 1)	6.03872 (169, 1)	5.91304 (169, 1)	5.78574 (169, 1)
230.0 /	7.08282 (168, 1)	6.75261 (168, 1)	6.46511 (168, 1)	6.21228 (168, 1)	5.98745 (168, 1)
220.0 /	5.54329 (162, 1)	5.43702 (162, 1)	5.32094 (162, 1)	5.19837 (162, 1)	5.07197 (162, 1)
210.0 /	10.36792 (283, 1)	10.45486 (283, 1)	10.49774 (283, 1)	10.50536 (283, 1)	10.48470 (283, 1)
200.0 /	7.36184 (292, 1)	7.35960 (292, 1)	7.32636 (292, 1)	7.26922 (292, 1)	7.19380 (292, 1)
190.0 /	6.13905 (167, 1)	6.00093 (167, 1)	5.87120 (167, 1)	5.74934 (167, 1)	5.63447 (167, 1)
180.0 /	9.97590 (306, 1)	9.86894 (306, 1)	9.72074 (306, 1)	9.54364 (306, 1)	9.34689 (306, 1)
170.0 /	9.01419 (342, 1)	9.00582 (342, 1)	8.97460 (342, 1)	8.92480 (342, 1)	8.85974 (342, 1)
160.0 /	7.64134 (299, 1)	7.59938 (299, 1)	7.53610 (299, 1)	7.45681 (299, 1)	7.36564 (299, 1)
150.0 /	6.48749 (13, 1)	6.39959 (13, 1)	6.29043 (13, 1)	6.16684 (13, 1)	6.03382 (13, 1)
140.0 /	3.82641C(107, 1)	3.77030C(107, 1)	3.71879C(107, 1)	3.67034C(107, 1)	3.62375C(107, 1)
130.0 /	5.19891C(25, 1)	5.24772C(25, 1)	5.28229C(25, 1)	5.30443C(25, 1)	5.31586C(25, 1)
120.0 /	7.62380C(25, 1)	7.64336C(25, 1)	7.65322C(25, 1)	7.65419C(25, 1)	7.64711C(25, 1)
110.0 /	9.07623 (71, 1)	8.99911 (71, 1)	8.88619 (71, 1)	8.74902 (71, 1)	8.59584 (71, 1)
100.0 /	8.24058 (80, 1)	8.03962 (80, 1)	7.81416 (80, 1)	7.57545 (80, 1)	7.33110 (80, 1)
90.0 /	9.74323 (146, 1)	9.62793 (146, 1)	9.50658 (146, 1)	9.38168 (146, 1)	9.25436 (146, 1)
80.0 /	8.08310 (68, 1)	8.15975 (68, 1)	8.20190 (68, 1)	8.21642 (68, 1)	8.20874 (68, 1)
70.0 /	7.06171 (77, 1)	6.94373 (77, 1)	6.84135C(136, 1)	6.73976C(136, 1)	6.62212C(136, 1)
60.0 /	8.24750 (241, 1)	8.23204 (241, 1)	8.20748 (241, 1)	8.17366 (241, 1)	8.13093 (241, 1)
50.0 /	8.70500 (205, 1)	8.78900 (205, 1)	8.83376 (205, 1)	8.84710 (205, 1)	8.83533 (205, 1)
40.0 /	4.81576 (220, 1)	4.83395 (220, 1)	4.83105 (220, 1)	4.81177 (220, 1)	4.77974 (220, 1)
30.0 /	7.02920 (242, 1)	6.99443 (242, 1)	6.92957 (242, 1)	6.84323 (242, 1)	6.74188 (242, 1)
20.0 /	5.72087 (297, 1)	5.88508 (297, 1)	6.02813 (297, 1)	6.15209 (297, 1)	6.25882 (297, 1)
10.0 /	6.38661 (338, 1)	6.43009 (338, 1)	6.44238 (338, 1)	6.42998 (338, 1)	6.39807 (338, 1)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1983 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 9.58492 AND OCCURRED AT (8000.0, 310.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 200.0	400.0	600.0	800.0	1000.0
360.0 /	3.03614 (30, 1)	2.34940 (224, 1)	1.92152 (224, 1)	1.83961 (224, 1)	1.90815 (142, 1)
350.0 /	2.66737 (244, 1)	2.39113 (244, 1)	2.11753 (244, 1)	2.03810 (224, 1)	2.03472 (244, 1)
340.0 /	2.16513 (224, 1)	1.47893C(337, 1)	1.33373 (193, 1)	1.36783 (157, 1)	1.72531C(129, 1)
330.0 /	2.48373 (186, 1)	1.65143C(128, 1)	1.62296C(128, 1)	1.75465C(195, 1)	3.56451C(129, 1)
320.0 /	2.53871 (186, 1)	2.07287C(134, 1)	1.86268 (97, 1)	1.78176 (247, 1)	2.84188 (216, 1)
310.0 /	2.15527 (186, 1)	1.82361 (64, 1)	1.68978 (193, 1)	2.08042 (64, 1)	3.18714C(195, 1)
300.0 /	2.07414 (216, 1)	2.05373 (193, 1)	2.26708C(361, 1)	2.48056 (41, 1)	3.33903C(192, 1)
290.0 /	2.11938C(133, 1)	1.79166 (238, 1)	1.68210 (238, 1)	1.70967 (253, 1)	2.27293 (216, 1)
280.0 /	2.12024C(119, 1)	2.19010C(103, 1)	2.08499C(103, 1)	2.15176C(103, 1)	2.83260C(119, 1)
270.0 /	2.17486C(119, 1)	2.02013C(118, 1)	1.74935C(118, 1)	1.68526C(118, 1)	2.51674C(252, 1)
260.0 /	2.04182 (214, 1)	1.92771C(117, 1)	1.84077C(117, 1)	1.88410C(117, 1)	2.97343C(192, 1)
250.0 /	2.00344C(154, 1)	1.84632C(154, 1)	1.82363C(154, 1)	1.82153 (214, 1)	3.44017 (232, 1)
240.0 /	2.25674 (212, 1)	2.31453 (212, 1)	2.11001 (212, 1)	2.11017 (212, 1)	3.92886C(102, 1)
230.0 /	2.35607C(322, 1)	1.70055 (51, 1)	1.52625C(325, 1)	1.65013C(325, 1)	2.74245 (232, 1)
220.0 /	2.02449 (213, 1)	1.68867 (282, 1)	1.60966 (282, 1)	1.57959 (276, 1)	2.53343 (148, 1)
210.0 /	2.65959 (231, 1)	2.38181 (276, 1)	1.88219 (276, 1)	1.99974 (267, 1)	3.37738 (283, 1)
200.0 /	2.95902 (275, 1)	2.64977 (89, 1)	2.50103 (89, 1)	2.44038 (89, 1)	2.48271C(110, 1)
190.0 /	2.54546 (336, 1)	2.01798 (335, 1)	1.83833 (228, 1)	1.78422 (293, 1)	2.36184 (174, 1)
180.0 /	2.80780 (343, 1)	2.18743 (26, 1)	2.13123 (306, 1)	2.29903 (190, 1)	2.69081 (306, 1)
170.0 /	2.46400 (343, 1)	2.59186 (272, 1)	2.47454 (272, 1)	2.54239 (272, 1)	3.25464 (342, 1)
160.0 /	1.93303 (272, 1)	1.68935C(307, 1)	1.49512 (35, 1)	1.55112 (35, 1)	2.47971 (199, 1)
150.0 /	1.35546 (14, 1)	1.27485C(107, 1)	1.10374 (106, 1)	1.27154 (13, 1)	2.62136 (82, 1)
140.0 /	1.71788 (14, 1)	1.32168 (49, 1)	1.10569 (49, 1)	1.06224C(107, 1)	2.57880 (181, 1)
130.0 /	2.14668 (14, 1)	1.72893C(25, 1)	1.46127 (175, 1)	1.42038C(25, 1)	2.28536 (186, 1)
120.0 /	2.26131 (318, 1)	2.27270C(25, 1)	2.03178C(25, 1)	2.05966C(25, 1)	2.85431 (186, 1)
110.0 /	2.21117 (49, 1)	1.99025 (317, 1)	1.77634C(93, 1)	1.89828C(93, 1)	2.46916 (259, 1)
100.0 /	2.25852 (187, 1)	1.84124 (317, 1)	1.65929 (317, 1)	1.79325 (199, 1)	2.78890C(129, 1)
90.0 /	2.37348 (146, 1)	2.29123 (187, 1)	2.02600 (187, 1)	1.96815 (187, 1)	2.52759 (146, 1)
80.0 /	2.09113C(72, 1)	1.76865C(308, 1)	1.78956C(308, 1)	1.84910C(308, 1)	2.61043 (68, 1)
70.0 /	2.30164 (176, 1)	1.87549 (145, 1)	1.60751 (260, 1)	1.60591 (260, 1)	2.27345 (196, 1)
60.0 /	2.48695 (176, 1)	1.99408 (206, 1)	1.83461 (206, 1)	1.80083 (206, 1)	2.47202 (228, 1)
50.0 /	2.04606 (145, 1)	1.77807 (205, 1)	1.63177 (78, 1)	1.75294 (78, 1)	2.53687 (145, 1)
40.0 /	1.61123 (225, 1)	1.36560 (220, 1)	1.27719 (225, 1)	1.29247 (225, 1)	2.64572 (203, 1)
30.0 /	2.04284 (30, 1)	1.69177 (225, 1)	1.29820 (30, 1)	1.37470 (242, 1)	2.11156C(129, 1)
20.0 /	2.71457 (225, 1)	2.19638C(73, 1)	1.97219 (225, 1)	1.85578 (225, 1)	1.80523 (225, 1)
10.0 /	2.59251 (225, 1)	2.17177 (30, 1)	1.80335 (30, 1)	1.76377 (30, 1)	1.82422 (30, 1)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1983 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 9.58492 AND OCCURRED AT (8000.0, 310.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 1200.0	1500.0	2000.0	3000.0	4000.0
360.0 /	2.32248 (201, 1)	3.39017 (142, 1)	4.82414 (218, 1)	6.38223 (142, 1)	7.03702 (142, 1)
350.0 /	2.33700 (218, 1)	3.53034 (242, 1)	5.03558 (242, 1)	5.81679 (244, 1)	6.45098 (244, 1)
340.0 /	1.99205C(129, 1)	3.04734C(195, 1)	4.30770 (203, 1)	5.98918 (135, 1)	6.32973 (203, 1)
330.0 /	3.91018C(129, 1)	3.54294C(128, 1)	5.23055C(128, 1)	6.34512C(195, 1)	6.10376C(122, 1)
320.0 /	3.79346 (216, 1)	3.81709 (216, 1)	4.19099 (104, 1)	5.48958C(63, 1)	5.60054C(194, 1)
310.0 /	3.87798C(195, 1)	4.38870C(195, 1)	5.91957 (247, 1)	7.39700 (247, 1)	8.42167C(127, 1)
300.0 /	3.90982C(192, 1)	4.12434C(192, 1)	5.36393C(127, 1)	6.41495C(127, 1)	7.37776C(133, 1)
290.0 /	3.22380 (216, 1)	4.32167C(192, 1)	5.38728C(118, 1)	6.29695C(141, 1)	6.66540C(103, 1)
280.0 /	3.70143C(103, 1)	5.83182C(118, 1)	7.66336C(103, 1)	8.49569C(103, 1)	8.08436C(103, 1)
270.0 /	3.53997 (230, 1)	5.40682C(118, 1)	5.19156 (234, 1)	5.75882 (121, 1)	6.55480C(118, 1)
260.0 /	4.23905 (186, 1)	4.44533 (186, 1)	5.84563C(117, 1)	6.53508 (211, 1)	6.81479C(117, 1)
250.0 /	4.59603 (232, 1)	5.15889 (230, 1)	4.65570 (232, 1)	5.39599 (302, 1)	6.54275 (302, 1)
240.0 /	4.82396 (186, 1)	5.21827 (232, 1)	4.83849 (209, 1)	5.02488 (234, 1)	5.54609 (168, 1)
230.0 /	3.77395 (230, 1)	4.05502 (230, 1)	4.10201 (268, 1)	5.10601 (217, 1)	6.06103 (217, 1)
220.0 /	3.32097 (176, 1)	3.85315 (176, 1)	5.19531 (215, 1)	5.88768 (215, 1)	5.59209 (215, 1)
210.0 /	3.61970 (283, 1)	4.05771 (283, 1)	4.86525 (283, 1)	6.07707 (215, 1)	6.59442 (267, 1)
200.0 /	2.98330 (292, 1)	3.21410 (292, 1)	3.76825 (161, 1)	4.65783 (292, 1)	5.51712 (292, 1)
190.0 /	2.70422 (174, 1)	2.99092C(125, 1)	3.62376 (167, 1)	4.16902 (265, 1)	4.38901 (265, 1)
180.0 /	2.97211 (306, 1)	3.51234 (306, 1)	4.26136C(110, 1)	5.62084 (265, 1)	6.78172 (265, 1)
170.0 /	3.46494 (342, 1)	4.07294 (342, 1)	4.38506 (82, 1)	5.61630 (272, 1)	6.65387 (272, 1)
160.0 /	3.11576C(107, 1)	4.13313 (82, 1)	4.43077 (16, 1)	6.51302 (16, 1)	7.39082 (16, 1)
150.0 /	3.49183 (82, 1)	4.03905C(107, 1)	4.73753C(116, 1)	4.61829 (106, 1)	5.11806 (106, 1)
140.0 /	3.47273 (181, 1)	3.42829 (181, 1)	3.47473C(107, 1)	4.02098C(107, 1)	4.13296C(107, 1)
130.0 /	3.12885 (186, 1)	3.47445C(116, 1)	3.65490C(116, 1)	4.36230 (278, 1)	5.01830 (278, 1)
120.0 /	3.57877 (199, 1)	3.78989 (317, 1)	4.63266C(25, 1)	6.02968C(25, 1)	6.69733C(25, 1)
110.0 /	3.02908 (259, 1)	4.03994C(93, 1)	5.09209 (199, 1)	6.32424 (146, 1)	7.04180 (316, 1)
100.0 /	3.48058 (232, 1)	3.66815 (232, 1)	3.91848 (146, 1)	5.28754 (146, 1)	5.59487 (146, 1)
90.0 /	3.00155C(129, 1)	3.85000 (146, 1)	5.19470 (146, 1)	6.97771 (114, 1)	7.29597 (45, 1)
80.0 /	2.78767 (196, 1)	3.12108 (68, 1)	4.37067 (206, 1)	6.56848 (206, 1)	7.52735 (206, 1)
70.0 /	2.66353 (228, 1)	2.77069C(136, 1)	3.45919C(136, 1)	4.54669C(308, 1)	5.54759 (77, 1)
60.0 /	2.90544 (239, 1)	3.27835C(144, 1)	4.60557C(144, 1)	6.17453C(144, 1)	6.80452C(144, 1)
50.0 /	2.90124 (203, 1)	2.96735C(221, 1)	4.18693C(144, 1)	4.96498 (205, 1)	6.00619C(108, 1)
40.0 /	3.15960 (203, 1)	3.01814 (203, 1)	2.69893 (223, 1)	3.94852 (223, 1)	4.19658 (223, 1)
30.0 /	2.61832 (203, 1)	2.57471 (203, 1)	2.77813 (242, 1)	3.78811 (223, 1)	4.21641 (223, 1)
20.0 /	2.01012C(129, 1)	2.39495 (297, 1)	3.51696 (142, 1)	4.79360 (142, 1)	4.71072 (339, 1)
10.0 /	1.88061 (30, 1)	2.59874 (143, 1)	3.55343 (218, 1)	4.89573 (200, 1)	4.88087 (246, 1)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1983 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 9.58492 AND OCCURRED AT (8000.0, 310.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 5000.0	6000.0	7000.0	8000.0	9000.0
360.0 /	7.04695 (142, 1)	6.80403 (142, 1)	6.48479 (142, 1)	6.13600 (142, 1)	5.81953 (142, 1)
350.0 /	6.51868 (244, 1)	6.41824 (244, 1)	6.28753 (244, 1)	6.14609 (244, 1)	6.01723 (244, 1)
340.0 /	5.81152 (203, 1)	5.41300C(327, 1)	5.82962C(327, 1)	6.14877C(327, 1)	6.36881 (135, 1)
330.0 /	5.64196C(122, 1)	5.43416 (135, 1)	5.56979 (135, 1)	5.59228 (135, 1)	5.60476C(32, 1)
320.0 /	5.62364C(194, 1)	5.43984C(194, 1)	5.56548 (97, 1)	5.79220 (97, 1)	5.94812 (97, 1)
310.0 /	8.98888C(63, 1)	9.36068C(63, 1)	9.53808C(63, 1)	9.58492C(63, 1)	9.54042C(63, 1)
300.0 /	7.50215C(133, 1)	7.54989 (41, 1)	8.07670 (41, 1)	8.42853 (41, 1)	8.68843 (41, 1)
290.0 /	6.08696 (238, 1)	6.24659 (238, 1)	6.33666 (238, 1)	6.34840 (238, 1)	6.33683 (238, 1)
280.0 /	7.59555C(103, 1)	7.26361C(103, 1)	7.34332C(119, 1)	7.47731C(119, 1)	7.56594C(119, 1)
270.0 /	5.83568C(118, 1)	5.70886 (52, 1)	6.05638 (52, 1)	6.29116 (52, 1)	6.43425 (52, 1)
260.0 /	6.66192C(117, 1)	6.58560C(117, 1)	6.57185C(117, 1)	6.55344C(117, 1)	6.53771C(117, 1)
250.0 /	7.01932 (302, 1)	6.74308 (276, 1)	6.25110 (276, 1)	5.72552 (276, 1)	5.40719 (19, 1)
240.0 /	5.60671C(46, 1)	5.79969C(46, 1)	5.86132C(46, 1)	5.84099C(46, 1)	5.88719 (304, 1)
230.0 /	6.46712 (217, 1)	6.54951 (217, 1)	6.45938 (217, 1)	6.30710 (209, 1)	6.35392 (209, 1)
220.0 /	5.56095 (168, 1)	5.18929 (168, 1)	5.07727 (335, 1)	5.10484 (335, 1)	5.09441 (335, 1)
210.0 /	7.43890 (267, 1)	8.06312 (267, 1)	8.49887 (267, 1)	8.78052 (267, 1)	8.93998 (267, 1)
200.0 /	6.08998 (292, 1)	6.35761 (161, 1)	6.35055 (161, 1)	6.29737 (161, 1)	6.21392 (161, 1)
190.0 /	4.48208C(287, 1)	4.92209 (4, 1)	5.25704 (4, 1)	5.48871 (4, 1)	5.63511 (4, 1)
180.0 /	7.33017 (265, 1)	7.62182 (265, 1)	7.77580 (265, 1)	7.84449 (265, 1)	7.89476 (190, 1)
170.0 /	7.17579 (272, 1)	7.48667 (272, 1)	7.66131 (272, 1)	7.71823 (272, 1)	7.71116 (272, 1)
160.0 /	6.98587C(107, 1)	7.09736 (299, 1)	7.22863 (16, 1)	7.06564 (16, 1)	6.89522 (360, 1)
150.0 /	5.69186 (13, 1)	5.98728C(107, 1)	5.87467C(321, 1)	5.99143C(321, 1)	6.03133C(321, 1)
140.0 /	4.09995C(107, 1)	3.62211 (198, 1)	3.46181 (106, 1)	3.35756 (106, 1)	3.24114 (106, 1)
130.0 /	5.14559 (278, 1)	5.06709 (278, 1)	4.92760 (278, 1)	4.99437C(25, 1)	5.07352 (317, 1)
120.0 /	7.00516C(25, 1)	7.22212C(25, 1)	7.40412C(25, 1)	7.49486C(25, 1)	7.56759C(25, 1)
110.0 /	7.64756 (71, 1)	8.27995 (71, 1)	8.71017 (71, 1)	8.94259 (71, 1)	8.87982C(93, 1)
100.0 /	5.37804 (146, 1)	5.37507 (208, 1)	5.75196 (208, 1)	6.03791 (208, 1)	6.26921 (208, 1)
90.0 /	7.98366 (45, 1)	8.40419 (45, 1)	8.62434 (45, 1)	8.68166 (45, 1)	8.63716 (45, 1)
80.0 /	7.39517 (114, 1)	6.95364 (68, 1)	6.84551 (206, 1)	6.49341 (45, 1)	6.48943 (45, 1)
70.0 /	5.88986C(136, 1)	6.30578C(136, 1)	6.60590C(136, 1)	6.80443C(136, 1)	6.92036C(136, 1)
60.0 /	6.85252C(144, 1)	6.77414C(144, 1)	6.67340C(144, 1)	6.64887 (204, 1)	6.83178 (204, 1)
50.0 /	5.99931 (78, 1)	6.55151 (78, 1)	6.92064 (78, 1)	7.09678 (78, 1)	7.17759 (78, 1)
40.0 /	3.89048 (223, 1)	4.01022C(108, 1)	4.09066C(108, 1)	4.15567 (204, 1)	4.15871 (204, 1)
30.0 /	4.13138 (223, 1)	3.89540 (223, 1)	3.64292 (223, 1)	3.62103C(67, 1)	3.67137C(67, 1)
20.0 /	4.75396 (142, 1)	4.69085 (297, 1)	4.90087 (339, 1)	4.62974 (339, 1)	4.69511 (314, 1)
10.0 /	5.01294 (338, 1)	5.37590C(337, 1)	5.71763C(337, 1)	5.93496C(337, 1)	6.08996C(337, 1)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1983 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 9.58492 AND OCCURRED AT (8000.0, 310.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 10000.0	11000.0	12000.0	13000.0	14000.0
360.0 /	5.54404 (142, 1)	5.29679 (142, 1)	5.22922 (340, 1)	5.19066 (340, 1)	5.13570 (340, 1)
350.0 /	5.89737 (244, 1)	5.75705 (244, 1)	5.62480 (244, 1)	5.49889 (244, 1)	5.37812 (244, 1)
340.0 /	6.08542 (135, 1)	5.99668 (65, 1)	5.92358 (65, 1)	5.82770 (65, 1)	5.71573 (65, 1)
330.0 /	5.63431C(32, 1)	5.57879C(32, 1)	5.51149 (135, 1)	5.48399 (135, 1)	5.45849 (135, 1)
320.0 /	6.04501 (97, 1)	6.04790 (97, 1)	6.02088 (97, 1)	5.97091 (97, 1)	5.90336 (97, 1)
310.0 /	9.43102C(63, 1)	9.22445C(63, 1)	8.99936C(63, 1)	8.76382C(63, 1)	8.52359C(63, 1)
300.0 /	8.87262 (41, 1)	8.95828 (41, 1)	9.00206 (41, 1)	9.01223 (41, 1)	8.99555 (41, 1)
290.0 /	6.30901 (238, 1)	6.24635 (238, 1)	6.17931 (238, 1)	6.10930 (238, 1)	6.03726 (238, 1)
280.0 /	7.61676C(119, 1)	7.60639C(119, 1)	7.57738C(119, 1)	7.42091 (94, 1)	7.23268 (94, 1)
270.0 /	6.50473 (52, 1)	6.47693 (52, 1)	6.41576 (52, 1)	6.33021 (52, 1)	6.22711 (52, 1)
260.0 /	6.51246C(117, 1)	6.44793C(117, 1)	6.37590C(117, 1)	6.29719C(117, 1)	6.21316C(117, 1)
250.0 /	5.59066 (19, 1)	5.67473 (19, 1)	5.71817 (19, 1)	5.72884 (19, 1)	5.71315 (19, 1)
240.0 /	5.87088 (304, 1)	5.77741 (304, 1)	5.74584 (212, 1)	5.72366 (212, 1)	5.69376 (212, 1)
230.0 /	6.35513 (209, 1)	6.28210 (209, 1)	6.19019 (209, 1)	6.08474 (209, 1)	5.96984 (209, 1)
220.0 /	5.06583 (335, 1)	4.99839 (335, 1)	4.92879 (335, 1)	4.85820 (335, 1)	4.78689 (335, 1)
210.0 /	9.00443 (267, 1)	8.93876 (267, 1)	8.83214 (267, 1)	8.69600 (267, 1)	8.53907 (267, 1)
200.0 /	6.10919 (161, 1)	6.06648 (293, 1)	6.10290 (293, 1)	6.11866 (293, 1)	6.11762 (293, 1)
190.0 /	5.71304 (4, 1)	5.70226 (4, 1)	5.65802 (4, 1)	5.58904 (4, 1)	5.50192 (4, 1)
180.0 /	7.95077 (190, 1)	7.95896 (190, 1)	7.95114 (190, 1)	7.93025 (190, 1)	7.89844 (190, 1)
170.0 /	7.68413 (300, 1)	7.72058 (300, 1)	7.72061 (300, 1)	7.69229 (300, 1)	7.64199 (300, 1)
160.0 /	6.83280 (360, 1)	6.68900 (360, 1)	6.52222 (360, 1)	6.36315 (271, 1)	6.22290 (271, 1)
150.0 /	6.01336C(321, 1)	5.91532C(321, 1)	5.79590C(321, 1)	5.66262C(321, 1)	5.52081C(321, 1)
140.0 /	3.12299 (106, 1)	2.99328 (106, 1)	2.91784 (359, 1)	2.87207 (153, 1)	2.85437 (153, 1)
130.0 /	4.87105 (317, 1)	4.83134 (320, 1)	4.81823 (320, 1)	4.78261 (320, 1)	4.78509 (167, 1)
120.0 /	7.51952 (317, 1)	7.25881 (317, 1)	7.00600 (317, 1)	6.76308 (317, 1)	6.53091 (317, 1)
110.0 /	8.70583C(93, 1)	8.49035C(93, 1)	8.27738C(93, 1)	8.06856C(93, 1)	7.86486C(93, 1)
100.0 /	6.45253 (208, 1)	6.55566 (208, 1)	6.63004 (208, 1)	6.68048 (208, 1)	6.71103 (208, 1)
90.0 /	8.52241 (45, 1)	8.32485 (45, 1)	8.10713 (45, 1)	7.87874 (45, 1)	7.64604 (45, 1)
80.0 /	6.42504 (45, 1)	6.28723 (45, 1)	6.13031 (45, 1)	5.96242 (45, 1)	5.85067 (61, 1)
70.0 /	6.96959C(136, 1)	6.92064C(136, 1)	6.79901 (77, 1)	6.63718 (77, 1)	6.46495 (77, 1)
60.0 /	6.95200 (204, 1)	6.97779 (204, 1)	6.97008 (204, 1)	6.93594 (204, 1)	6.88113 (204, 1)
50.0 /	7.19572 (78, 1)	7.15455 (78, 1)	7.09216 (78, 1)	7.01711 (78, 1)	6.93433 (78, 1)
40.0 /	4.11020 (204, 1)	4.11445 (206, 1)	4.11669 (206, 1)	4.10560 (206, 1)	4.08417 (206, 1)
30.0 /	3.74534 (220, 1)	3.77490 (220, 1)	3.78566 (220, 1)	3.82833 (279, 1)	3.90125 (279, 1)
20.0 /	4.72705 (314, 1)	4.69025 (314, 1)	4.63324 (314, 1)	4.56159 (314, 1)	4.47944 (314, 1)
10.0 /	6.19336C(337, 1)	6.23132C(337, 1)	6.24110C(337, 1)	6.22876C(337, 1)	6.19907C(337, 1)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1983 ***

* 50 MAXIMUM 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM ALL SOURCES *

RANK	CON.	PER.	DAY	X OR RANGE (METERS)	Y(METERS) OR DIRECTION (DEGREES)	RANK	CON.	PER.	DAY	X OR RANGE (METERS)	Y(METERS) OR DIRECTION (DEGREES)
1	13.28388C	1	361	11000.0	300.0	26	10.07243	1	211	7000.0	260.0
2	13.25264C	1	361	10000.0	300.0	27	10.05086	1	211	6000.0	260.0
3	13.25160C	1	361	12000.0	300.0	28	9.97590	1	306	10000.0	180.0
4	13.16999C	1	361	13000.0	300.0	29	9.94454	1	306	9000.0	180.0
5	13.05032C	1	361	14000.0	300.0	30	9.90986	1	283	8000.0	210.0
6	13.02374C	1	361	9000.0	300.0	31	9.89653	1	211	8000.0	260.0
7	12.66774C	1	361	8000.0	300.0	32	9.86894	1	306	11000.0	180.0
8	12.15539C	1	361	7000.0	300.0	33	9.82739	1	146	8000.0	90.0
9	11.52915	1	64	10000.0	310.0	34	9.81252	1	306	8000.0	180.0
10	11.46981	1	64	9000.0	310.0	35	9.80129	1	146	9000.0	90.0
11	11.45083C	1	361	6000.0	300.0	36	9.79620	1	146	7000.0	90.0
12	11.42441	1	64	11000.0	310.0	37	9.74323	1	146	10000.0	90.0
13	11.28282	1	64	8000.0	310.0	38	9.72074	1	306	12000.0	180.0
14	11.26421	1	64	12000.0	310.0	39	9.64319	1	211	5000.0	260.0
15	11.06510	1	64	13000.0	310.0	40	9.63210	1	211	9000.0	260.0
16	10.93167	1	64	7000.0	310.0	41	9.62793	1	146	11000.0	90.0
17	10.83927	1	64	14000.0	310.0	42	9.61246	1	146	6000.0	90.0
18	10.51046C	1	361	5000.0	300.0	43	9.58492C	1	63	8000.0	310.0
19	10.50536	1	283	13000.0	210.0	44	9.55569	1	64	5000.0	310.0
20	10.49774	1	283	12000.0	210.0	45	9.54951	1	306	7000.0	180.0
21	10.48470	1	283	14000.0	210.0	46	9.54364	1	306	13000.0	180.0
22	10.45486	1	283	11000.0	210.0	47	9.54345	1	283	7000.0	210.0
23	10.36792	1	283	10000.0	210.0	48	9.54042C	1	63	9000.0	310.0
24	10.36753	1	64	6000.0	310.0	49	9.53808C	1	63	7000.0	310.0
25	10.17877	1	283	9000.0	210.0	50	9.50658	1	146	12000.0	90.0

RUN ENDED ON 09-26-87 AT 04:48:06

ISCST (DATED 86322)
AN AIR QUALITY DISPERSION MODEL IN
SECTION 1. GUIDELINE MODELS
IN UNAMAP (VERSION 6) JULY 86.
SOURCE: FILE 6 ON UNAMAP MAGNETIC TAPE FROM NTIS.

IBM-PC VERSION (1.40)
(C) COPYRIGHT 1986, TRINITY CONSULTANTS, INC.
SERIAL NUMBER 5056 SOLD TO BLACK & VEATCH
RUN BEGAN ON 09-26-87 AT 04:48:10

SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1984

CALCULATE (CONCENTRATION=1,DEPOSITION=2)	ISW(1) = 1
RECEPTOR GRID SYSTEM (RECTANGULAR=1 OR 3, POLAR=2 OR 4)	ISW(2) = 4
DISCRETE RECEPTOR SYSTEM (RECTANGULAR=1,POLAR=2)	ISW(3) = 1
TERRAIN ELEVATIONS ARE READ (YES=1,NO=0)	ISW(4) = 0
CALCULATIONS ARE WRITTEN TO TAPE (YES=1,NO=0)	ISW(5) = 0
LIST ALL INPUT DATA (NO=0,YES=1,MET DATA ALSO=2)	ISW(6) = 1
COMPUTE AVERAGE CONCENTRATION (OR TOTAL DEPOSITION)	
WITH THE FOLLOWING TIME PERIODS:	
HOURLY (YES=1,NO=0)	ISW(7) = 0
2-HOUR (YES=1,NO=0)	ISW(8) = 0
3-HOUR (YES=1,NO=0)	ISW(9) = 1
4-HOUR (YES=1,NO=0)	ISW(10) = 0
6-HOUR (YES=1,NO=0)	ISW(11) = 0
8-HOUR (YES=1,NO=0)	ISW(12) = 0
12-HOUR (YES=1,NO=0)	ISW(13) = 0
24-HOUR (YES=1,NO=0)	ISW(14) = 1
PRINT 'N'-DAY TABLE(S) (YES=1,NO=0)	ISW(15) = 1
PRINT THE FOLLOWING TYPES OF TABLES WHOSE TIME PERIODS ARE	
SPECIFIED BY ISW(7) THROUGH ISW(14):	
DAILY TABLES (YES=1,NO=0)	ISW(16) = 0
HIGHEST & SECOND HIGHEST TABLES (YES=1,NO=0)	ISW(17) = 1
MAXIMUM 50 TABLES (YES=1,NO=0)	ISW(18) = 1
METEOROLOGICAL DATA INPUT METHOD (PRE-PROCESSED=1,CARD=2)	ISW(19) = 1
RURAL-URBAN OPTION (RU.=0,UR. MODE 1=1,UR. MODE 2=2,UR. MODE 3=3)	ISW(20) = 0
WIND PROFILE EXPONENT VALUES (DEFAULTS=1,USER ENTERS=2,3)	ISW(21) = 1
VERTICAL POT. TEMP. GRADIENT VALUES (DEFAULTS=1,USER ENTERS=2,3)	ISW(22) = 1
SCALE EMISSION RATES FOR ALL SOURCES (NO=0,YES>0)	ISW(23) = 0
PROGRAM CALCULATES FINAL PLUME RISE ONLY (YES=1,NO=2)	ISW(24) = 1
PROGRAM ADJUSTS ALL STACK HEIGHTS FOR DOWNWASH (YES=2,NO=1)	ISW(25) = 2
PROGRAM USES BUOYANCY INDUCED DISPERSION (YES=1,NO=2)	ISW(26) = 1
CONCENTRATIONS DURING CALM PERIODS SET = 0 (YES=1,NO=2)	ISW(27) = 1
REG. DEFAULT OPTION CHOSEN (YES=1,NO=2)	ISW(28) = 1
TYPE OF POLLUTANT TO BE MODELLED (1=SO2,2=OTHER)	ISW(29) = 1
DEBUG OPTION CHOSEN (1=YES,2=NO)	ISW(30) = 2
NUMBER OF INPUT SOURCES	NSOURC = 1
NUMBER OF SOURCE GROUPS (=0,ALL SOURCES)	NGROUP = 0
TIME PERIOD INTERVAL TO BE PRINTED (=0,ALL INTERVALS)	IPERD = 0
NUMBER OF X (RANGE) GRID VALUES	NXPNTS = 20
NUMBER OF Y (THETA) GRID VALUES	NYPNTS = 36
NUMBER OF DISCRETE RECEPTORS	NXWYPT = 0
SOURCE EMISSION RATE UNITS CONVERSION FACTOR	TK=.10000E+07
HEIGHT ABOVE GROUND AT WHICH WIND SPEED WAS MEASURED	ZR = 10.00 METERS
LOGICAL UNIT NUMBER OF METEOROLOGICAL DATA	IMET = 9
DECAY COEFFICIENT FOR PHYSICAL OR CHEMICAL DEPLETION	DECAY = .000000E+00
SURFACE STATION NO.	ISS = 12815
YEAR OF SURFACE DATA	ISY = 84
UPPER AIR STATION NO.	IUS = 12842
YEAR OF UPPER AIR DATA	IUY = 84
ALLOCATED DATA STORAGE	LIMIT = 43500 WORDS
REQUIRED DATA STORAGE FOR THIS PROBLEM RUN	MIMIT = 9937 WORDS

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1984 ***

*** METEOROLOGICAL DAYS TO BE PROCESSED ***
(IF=1)

```
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** WIND PROFILE EXPONENTS ***

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

SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1984

X,Y-COORDINATES OF THE CENTER OF THE POLAR RECEPTOR GRID (METERS) = (0., 0.)

RANGES OF POLAR GRID SYSTEM
(METERS)

200.0,	400.0,	600.0,	800.0,	1000.0,	1200.0,	1500.0,	2000.0,	3000.0,	4000.0,
5000.0,	6000.0,	7000.0,	8000.0,	9000.0,	10000.0,	11000.0,	12000.0,	13000.0,	14000.0,

RADIAL ANGLES OF POLAR GRID SYSTEM

(DEGREES)

10.0,	20.0,	30.0,	40.0,	50.0,	60.0,	70.0,	80.0,	90.0,	100.0,
110.0,	120.0,	130.0,	140.0,	150.0,	160.0,	170.0,	180.0,	190.0,	200.0,
210.0,	220.0,	230.0,	240.0,	250.0,	260.0,	270.0,	280.0,	290.0,	300.0,
310.0,	320.0,	330.0,	340.0,	350.0,	360.0,				

SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1984

SOURCE DATA

SOURCE NUMBER	T Y P E	W A K E	NUMBER PART. CATS.	EMISSION RATE TYPE=0,1 (GRAMS/SEC) TYPE=2 (GRAMS/SEC) #PER METER##2	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	HEIGHT (METERS)	TEMP. TYPE=0 (DEG.K); VERT.DIM TYPE=1 (METERS)	EXIT VEL. TYPE=0 (M/SEC); HORZ.DIM TYPE=1,2 (METERS)	DIAMETER TYPE=0 (METERS)	BLDG. HEIGHT TYPE=0 (METERS)	BLDG. LENGTH TYPE=0 (METERS)	BLDG. WIDTH TYPE=0 (METERS)
1	0	0	0	.19176E+03	.0	.0	.0	10.97	812.59	29.51	3.77	.00	.00	.00

# CALM HOURS (=1) FOR DAY	4 #	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	6 #	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	7 #	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	10 #	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	16 #	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	17 #	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	18 #	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	24 #	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
# CALM HOURS (=1) FOR DAY	26 #	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	30 #	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	34 #	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	41 #	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	42 #	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	44 #	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
# CALM HOURS (=1) FOR DAY	45 #	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
# CALM HOURS (=1) FOR DAY	46 #	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	47 #	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	48 #	1	1	0	1	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
# CALM HOURS (=1) FOR DAY	49 #	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	50 #	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	51 #	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	52 #	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	55 #	1	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	61 #	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
# CALM HOURS (=1) FOR DAY	62 #	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	64 #	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	69 #	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	73 #	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
# CALM HOURS (=1) FOR DAY	76 #	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	77 #	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	79 #	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	82 #	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
# CALM HOURS (=1) FOR DAY	83 #	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	86 #	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
# CALM HOURS (=1) FOR DAY	92 #	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	93 #	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	98 #	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	99 #	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	105 #	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	106 #	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	110 #	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	111 #	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	112 #	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	116 #	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	117 #	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# CALM HOURS (=1) FOR DAY	120 #	0	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
# CALM HOURS (=1) FOR DAY	121 #	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
# CALM HOURS (=1) FOR DAY	122 #	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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* CALM HOURS (=1) FOR DAY 126 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0  1
* CALM HOURS (=1) FOR DAY 130 *  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 133 *  0  0  0  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 134 *  0  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 135 *  0  0  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0
* CALM HOURS (=1) FOR DAY 139 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1
* CALM HOURS (=1) FOR DAY 140 *  1  1  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 141 *  0  0  0  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 143 *  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1
* CALM HOURS (=1) FOR DAY 144 *  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 145 *  0  0  1  0  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  1  0
* CALM HOURS (=1) FOR DAY 146 *  0  1  0  1  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 147 *  0  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 148 *  0  0  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 150 *  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 154 *  0  1  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 155 *  0  0  1  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 156 *  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 157 *  0  0  0  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 158 *  0  0  0  1  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 159 *  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 161 *  0  0  0  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 162 *  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 163 *  0  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 164 *  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 165 *  0  0  0  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 166 *  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  0  1  1
* CALM HOURS (=1) FOR DAY 167 *  0  1  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 170 *  0  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1
* CALM HOURS (=1) FOR DAY 171 *  0  1  1  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 173 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0
* CALM HOURS (=1) FOR DAY 175 *  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 176 *  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 177 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0
* CALM HOURS (=1) FOR DAY 178 *  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  1  1  0
* CALM HOURS (=1) FOR DAY 179 *  0  0  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0  0  0
* CALM HOURS (=1) FOR DAY 181 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 183 *  0  0  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 184 *  0  0  0  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0
* CALM HOURS (=1) FOR DAY 185 *  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0
* CALM HOURS (=1) FOR DAY 186 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1
* CALM HOURS (=1) FOR DAY 187 *  1  1  1  1  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0
* CALM HOURS (=1) FOR DAY 188 *  1  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1
* CALM HOURS (=1) FOR DAY 189 *  1  1  1  1  1  1  1  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  1
* CALM HOURS (=1) FOR DAY 190 *  0  1  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 191 *  0  0  0  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1
* CALM HOURS (=1) FOR DAY 192 *  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 193 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1
* CALM HOURS (=1) FOR DAY 194 *  1  0  1  0  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0
* CALM HOURS (=1) FOR DAY 196 *  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 197 *  1  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  1  1
* CALM HOURS (=1) FOR DAY 198 *  0  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 199 *  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 200 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0
* CALM HOURS (=1) FOR DAY 201 *  0  0  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  1  0  0
* CALM HOURS (=1) FOR DAY 202 *  1  0  0  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 203 *  0  0  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 204 *  0  1  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 205 *  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 206 *  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 207 *  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 209 *  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 211 *  0  0  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 213 *  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 214 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1
* CALM HOURS (=1) FOR DAY 218 *  0  1  0  1  1  1  0  0  0  0  0  0  0  0  0  0  1  1  0  1  0  0  0  0
```

* CALM HOURS (=1) FOR DAY 219 *	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0
* CALM HOURS (=1) FOR DAY 220 *	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
* CALM HOURS (=1) FOR DAY 221 *	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
* CALM HOURS (=1) FOR DAY 222 *	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 223 *	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 226 *	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 227 *	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
* CALM HOURS (=1) FOR DAY 228 *	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
* CALM HOURS (=1) FOR DAY 229 *	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY 230 *	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
* CALM HOURS (=1) FOR DAY 231 *	1	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 232 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
* CALM HOURS (=1) FOR DAY 234 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
* CALM HOURS (=1) FOR DAY 235 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 236 *	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
* CALM HOURS (=1) FOR DAY 237 *	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY 238 *	0	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 239 *	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 240 *	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 241 *	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 242 *	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 243 *	0	0	0	0	1	1	0	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 244 *	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
* CALM HOURS (=1) FOR DAY 245 *	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
* CALM HOURS (=1) FOR DAY 246 *	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY 247 *	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 248 *	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY 249 *	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 250 *	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 251 *	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 255 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
* CALM HOURS (=1) FOR DAY 256 *	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 258 *	1	0	1	1	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY 259 *	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
* CALM HOURS (=1) FOR DAY 260 *	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 274 *	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 288 *	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
* CALM HOURS (=1) FOR DAY 291 *	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 293 *	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 296 *	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 301 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY 302 *	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY 303 *	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
* CALM HOURS (=1) FOR DAY 304 *	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 306 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY 308 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
* CALM HOURS (=1) FOR DAY 309 *	0	0	1	1	1	0	1	0	1	0	0	0	0	0	0	0	0	1	0	0	1	1	0	1
* CALM HOURS (=1) FOR DAY 310 *	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 315 *	0	0	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 316 *	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 319 *	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 320 *	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
* CALM HOURS (=1) FOR DAY 321 *	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
* CALM HOURS (=1) FOR DAY 322 *	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY 323 *	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 333 *	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
* CALM HOURS (=1) FOR DAY 334 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
* CALM HOURS (=1) FOR DAY 335 *	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1
* CALM HOURS (=1) FOR DAY 336 *	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY 337 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 338 *	1	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 339 *	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 340 *	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 343 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0
* CALM HOURS (=1) FOR DAY 344 *	0	0	0	0	1	0	1	1	1	0	0	0	0	0	0	0	1	1	0	1	1	1	0
* CALM HOURS (=1) FOR DAY 345 *	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	1	0	0	0

```
* CALM HOURS (=1) FOR DAY 346 *  0  0  0  0  0  1  1  0  0  0  0  0  0  0  0  0  0  0  1  0  1  1  1  1
* CALM HOURS (=1) FOR DAY 347 *  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  1  1  0  0  0  0  0  1
* CALM HOURS (=1) FOR DAY 348 *  1  1  1  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0  1
* CALM HOURS (=1) FOR DAY 349 *  1  1  0  0  0  1  1  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 354 *  1  0  1  0  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1
* CALM HOURS (=1) FOR DAY 355 *  1  0  0  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1
* CALM HOURS (=1) FOR DAY 356 *  1  0  1  1  1  0  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 357 *  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  1  0  0
* CALM HOURS (=1) FOR DAY 358 *  1  1  1  0  1  1  1  0  0  0  0  0  0  0  0  0  0  1  1  0  0  0  1  1
* CALM HOURS (=1) FOR DAY 359 *  1  1  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1
* CALM HOURS (=1) FOR DAY 360 *  1  1  0  1  1  0  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 363 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1
* CALM HOURS (=1) FOR DAY 364 *  1  1  1  1  0  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 365 *  0  0  0  1  1  1  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 366 *  1  1  1  0  0  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
```

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1984 ***

* 366-DAY AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 1.06243 AND OCCURRED AT (7000.0, 240.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 200.0	400.0	600.0	800.0	1000.0	1200.0	1500.0	2000.0	3000.0
360.0 /	.27278	.20328	.16575	.16634	.21387	.26809	.35831	.43801	.51536
350.0 /	.27424	.19929	.15462	.15084	.19388	.24780	.34107	.42583	.50193
340.0 /	.26139	.17791	.13859	.13683	.17890	.23516	.33503	.42677	.50331
330.0 /	.25732	.16291	.11952	.11576	.15416	.20877	.30897	.40132	.47362
320.0 /	.27305	.20088	.15677	.15105	.18451	.23623	.34135	.44881	.55151
310.0 /	.28757	.24446	.19949	.18838	.21416	.26184	.37348	.49522	.62988
300.0 /	.28166	.23975	.19673	.18694	.21285	.26341	.39131	.53585	.71483
290.0 /	.27697	.21218	.15836	.14808	.17491	.22084	.33187	.44670	.57182
280.0 /	.29749	.24950	.20096	.19299	.22729	.27918	.39537	.51404	.64016
270.0 /	.33382	.27537	.22426	.22102	.26805	.33136	.46343	.60357	.76124
260.0 /	.37602	.28177	.21313	.20526	.25275	.31326	.44091	.56945	.70667
250.0 /	.42481	.33418	.26501	.26020	.31431	.37768	.51501	.65781	.81704
240.0 /	.47151	.36342	.29616	.29374	.34906	.41323	.55797	.71263	.90051
230.0 /	.51842	.35429	.26423	.24285	.27782	.32514	.43368	.54348	.66703
220.0 /	.56438	.39340	.31158	.29224	.32226	.36603	.46122	.56478	.68602
210.0 /	.58643	.42584	.33350	.30013	.31525	.34998	.43400	.52463	.63013
200.0 /	.56362	.40767	.32279	.29649	.31577	.34870	.42354	.50326	.60138
190.0 /	.50222	.34663	.26761	.25485	.28902	.32700	.39930	.47368	.56269
180.0 /	.43165	.30707	.23888	.23532	.28189	.32472	.39764	.47431	.56760
170.0 /	.36321	.28695	.23021	.23110	.28304	.32608	.38997	.45403	.52843
160.0 /	.28920	.23460	.19011	.19621	.25250	.29756	.36312	.42978	.51343
150.0 /	.21338	.15752	.12527	.14056	.20335	.25287	.32220	.39008	.47146
140.0 /	.16478	.10955	.08358	.10176	.16977	.22604	.30523	.37863	.45751
130.0 /	.15779	.10709	.08485	.10131	.16981	.23127	.32327	.40872	.50218
120.0 /	.17651	.12459	.09400	.10479	.17102	.23571	.33403	.42396	.51983
110.0 /	.19577	.14817	.12354	.13515	.19952	.26421	.35752	.43738	.51841
100.0 /	.20378	.14739	.11263	.11480	.16906	.22815	.31355	.38237	.44898
90.0 /	.20888	.15553	.12567	.13067	.18386	.24053	.31908	.38263	.44881
80.0 /	.21420	.16116	.12699	.13070	.18552	.23642	.29684	.34038	.38965
70.0 /	.21761	.16051	.12242	.13191	.19629	.24699	.29836	.33057	.36233
60.0 /	.21750	.17057	.14005	.16230	.23880	.29622	.35680	.40053	.44256
50.0 /	.21292	.16805	.13192	.14320	.20824	.26292	.32762	.37189	.40752
40.0 /	.20748	.15199	.11831	.12108	.17133	.22048	.28425	.32887	.37159
30.0 /	.20972	.14197	.10943	.10911	.15162	.19587	.25419	.29739	.34018
20.0 /	.22597	.14270	.10751	.10863	.15273	.19728	.25503	.30097	.34566
10.0 /	.25237	.17212	.13099	.12854	.17320	.22144	.29385	.35335	.40951

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1984 ***

* 366-DAY AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 1.06243 AND OCCURRED AT (7000.0, 240.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 4000.0	5000.0	6000.0	7000.0	8000.0	9000.0	10000.0	11000.0	12000.0
360.0 /	.54820	.55478	.55322	.54834	.54018	.53145	.52248	.51139	.50065
350.0 /	.52396	.51870	.50660	.49315	.47867	.46510	.45245	.43901	.42652
340.0 /	.51735	.50625	.48999	.47370	.45728	.44258	.42942	.41623	.40430
330.0 /	.48191	.46478	.44328	.42294	.40390	.38738	.37293	.35901	.34657
320.0 /	.58444	.58314	.57243	.55971	.54508	.53156	.51913	.50597	.49384
310.0 /	.68893	.70087	.69662	.68598	.67076	.65494	.63926	.62178	.60526
300.0 /	.80403	.82981	.83031	.82016	.80335	.78524	.76704	.74658	.72724
290.0 /	.62592	.63308	.62372	.60880	.59129	.57418	.55791	.54037	.52405
280.0 /	.69707	.71067	.70890	.70097	.68819	.67484	.66153	.64605	.63136
270.0 /	.83801	.85982	.86357	.85978	.85026	.83906	.82685	.81024	.79378
260.0 /	.76558	.77667	.77121	.75979	.74383	.72767	.71182	.69395	.67700
250.0 /	.89460	.91743	.92026	.91447	.90172	.88727	.87200	.85302	.83450
240.0 /	1.00413	1.04387	1.05898	1.06243	1.05631	1.04671	1.03481	1.01697	.99876
230.0 /	.72545	.74012	.73947	.73322	.72215	.71065	.69913	.68508	.67159
220.0 /	.75147	.77643	.78725	.79160	.78841	.78341	.77716	.76708	.75679
210.0 /	.68365	.70106	.70567	.70508	.69799	.69005	.68168	.67089	.66029
200.0 /	.66372	.69538	.71609	.73058	.73649	.73926	.73954	.73489	.72911
190.0 /	.61804	.64576	.66401	.67692	.68210	.68443	.68448	.68001	.67452
180.0 /	.62713	.65561	.67237	.68246	.68551	.68554	.68328	.67630	.66845
170.0 /	.57051	.58723	.59574	.59999	.59875	.59574	.59140	.58373	.57565
160.0 /	.56302	.58299	.59241	.59627	.59421	.58995	.58414	.57504	.56555
150.0 /	.51099	.51740	.51238	.50280	.49029	.47732	.46441	.45016	.43664
140.0 /	.48710	.48383	.46928	.45115	.43194	.41353	.39633	.37925	.36363
130.0 /	.53556	.53172	.51374	.49132	.46740	.44478	.42409	.40453	.38706
120.0 /	.55282	.54995	.53420	.51447	.49301	.47251	.45346	.43493	.41810
110.0 /	.55033	.55354	.54713	.53730	.52456	.51173	.49914	.48542	.47241
100.0 /	.47457	.47379	.46431	.45220	.43865	.42553	.41302	.39965	.38713
90.0 /	.47879	.48345	.47974	.47307	.46386	.45445	.44509	.43425	.42391
80.0 /	.41785	.42516	.42482	.42091	.41410	.40644	.39831	.38842	.37872
70.0 /	.37604	.37589	.37133	.36519	.35725	.34937	.34168	.33306	.32484
60.0 /	.46267	.46738	.46794	.46663	.46218	.45719	.45180	.44446	.43718
50.0 /	.41721	.41207	.40414	.39591	.38675	.37807	.36979	.36037	.35144
40.0 /	.38792	.38660	.38079	.37389	.36586	.35789	.34995	.34067	.33170
30.0 /	.36107	.36576	.36565	.36375	.35993	.35551	.35058	.34374	.33685
20.0 /	.36281	.36205	.35560	.34758	.33837	.32956	.32121	.31218	.30373
10.0 /	.42932	.42946	.42372	.41656	.40763	.39921	.39128	.38252	.37429

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1984 ***

* 366-DAY AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 1.06243 AND OCCURRED AT (7000.0, 240.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 13000.0	14000.0
360.0 /	.49026	.48022
350.0 /	.41486	.40392
340.0 /	.39342	.38340
330.0 /	.33534	.32509
320.0 /	.48256	.47200
310.0 /	.58969	.57497
300.0 /	.70902	.69185
290.0 /	.50883	.49456
280.0 /	.61742	.60417
270.0 /	.77752	.76149
260.0 /	.66092	.64562
250.0 /	.81653	.79910
240.0 /	.98042	.96211
230.0 /	.65863	.64611
220.0 /	.74637	.73589
210.0 /	.64989	.63968
200.0 /	.72246	.71512
190.0 /	.66826	.66140
180.0 /	.65999	.65108
170.0 /	.56731	.55879
160.0 /	.55585	.54606
150.0 /	.42384	.41171
140.0 /	.34933	.33619
130.0 /	.37144	.35742
120.0 /	.40281	.38888
110.0 /	.46010	.44842
100.0 /	.37537	.36428
90.0 /	.41404	.40460
80.0 /	.36929	.36012
70.0 /	.31701	.30952
60.0 /	.42997	.42283
50.0 /	.34292	.33477
40.0 /	.32304	.31469
30.0 /	.32997	.32314
20.0 /	.29579	.28829
10.0 /	.36651	.35911

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1984 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 60.40443 AND OCCURRED AT (12000.0, 200.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 200.0	400.0	600.0	800.0	1000.0
360.0 /	9.38285 (35, 2)	9.41442 (119, 1)	10.19878 (119, 1)	11.11838 (119, 1)	17.90569 (248, 5)
350.0 /	10.71987 (232, 8)	10.08174 (232, 8)	9.25627 (232, 8)	8.48514 (232, 8)	19.76582 (245, 5)
340.0 /	9.63514 (232, 8)	7.98932 (127, 1)	7.73310 (127, 1)	7.91422 (127, 1)	17.99108 (237, 5)
330.0 /	8.77847 (332, 8)	8.68737 (257, 1)	9.34406 (257, 1)	10.05429 (257, 1)	19.45548 (237, 5)
320.0 /	11.57492 (365, 1)	9.94448 (365, 1)	10.32391 (210, 1)	11.26454 (210, 1)	19.55263 (191, 4)
310.0 /	11.60649 (117, 1)	10.63043 (117, 1)	10.35100 (117, 1)	10.61062 (117, 1)	13.36401 (191, 4)
300.0 /	12.97256 (112, 1)	12.76371 (112, 1)	12.54201 (112, 1)	12.44674 (112, 1)	12.59102 (157, 4)
290.0 /	9.37949 (112, 1)	7.85070 (366, 8)	8.05471 (78, 8)	8.49801 (366, 8)	19.46283 (157, 4)
280.0 /	11.72788 (133, 8)	10.58556 (133, 8)	9.50135 (133, 8)	9.41518 (366, 7)	19.83061 (191, 5)
270.0 /	11.51849 (133, 8)	10.97778 (161, 8)	11.90055 (161, 8)	12.94404 (161, 8)	16.61363 (210, 5)
260.0 /	10.55289 (44, 2)	9.84290 (132, 8)	9.75152 (132, 1)	10.34659 (132, 1)	19.45646 (210, 5)
250.0 /	12.35124 (133, 1)	9.86049 (133, 1)	10.30429 (241, 7)	11.05665 (241, 7)	21.13674 (131, 5)
240.0 /	13.11587 (133, 1)	12.10770 (133, 1)	11.48561 (267, 1)	12.45425 (267, 1)	21.69726 (131, 5)
230.0 /	10.96952 (131, 1)	10.32754 (351, 7)	10.30404 (351, 7)	10.35915 (351, 7)	19.62888 (259, 4)
220.0 /	11.31946 (334, 8)	10.93937 (361, 7)	11.73449 (361, 7)	12.57121 (361, 7)	15.10268 (259, 4)
210.0 /	11.27082 (353, 1)	11.48759 (331, 1)	11.76665 (331, 1)	12.05247 (331, 1)	12.32440 (331, 1)
200.0 /	11.24895 (353, 1)	10.25524 (305, 1)	10.89976 (278, 2)	12.36832 (278, 2)	14.15288 (278, 2)
190.0 /	10.99576 (93, 2)	8.67632 (268, 8)	9.21926 (47, 8)	9.80795 (47, 8)	17.91006 (229, 5)
180.0 /	12.32180 (207, 2)	11.42626 (269, 8)	11.40594 (269, 8)	11.32018 (269, 8)	23.46320 (228, 5)
170.0 /	10.59985 (46, 2)	10.15289 (70, 1)	9.95022 (70, 1)	10.01684 (70, 1)	22.51708 (228, 5)
160.0 /	11.77529 (46, 2)	10.68276 (46, 2)	10.63744 (46, 2)	10.97287 (46, 2)	20.47060 (155, 4)
150.0 /	9.51967 (292, 2)	9.40873 (292, 2)	9.16302 (292, 2)	18.76495 (218, 5)	39.12596 (218, 5)
140.0 /	8.58992 (343, 2)	8.71180 (91, 2)	9.87659 (91, 2)	16.93727 (218, 5)	35.79053 (218, 5)
130.0 /	8.85673 (256, 2)	7.34432 (343, 2)	6.75529 (343, 2)	6.95433 (220, 4)	19.25834 (220, 4)
120.0 /	10.64629 (256, 2)	9.19848 (256, 2)	8.78302 (61, 8)	9.12715 (61, 8)	21.23541 (218, 4)
110.0 /	9.06837 (191, 1)	9.24439 (60, 8)	10.31593 (60, 8)	11.62080 (60, 8)	19.58411 (257, 4)
100.0 /	10.42580 (191, 1)	10.35939 (191, 1)	10.26007 (191, 1)	10.19261 (191, 1)	18.92255 (225, 4)
90.0 /	9.80282 (245, 1)	8.71251 (245, 1)	8.77152 (165, 1)	9.43848 (165, 1)	23.34265 (225, 4)
80.0 /	11.19313 (54, 8)	11.56751 (54, 8)	11.98454 (54, 8)	12.36791 (54, 8)	25.05114 (121, 5)
70.0 /	9.89303 (310, 2)	8.71732 (29, 8)	8.47082 (29, 8)	8.14877 (29, 8)	24.52302 (121, 5)
60.0 /	9.40116 (225, 1)	9.24665C(146, 1)	9.64190C(146, 1)	10.01791C(146, 1)	25.62101 (225, 5)
50.0 /	12.19514 (288, 2)	9.08869 (288, 2)	8.23428 (29, 1)	11.64151 (225, 5)	31.10028 (225, 5)
40.0 /	11.51041 (288, 2)	9.80912 (288, 2)	9.46129 (288, 2)	10.01875 (340, 7)	17.42647 (225, 5)
30.0 /	11.18951 (346, 1)	8.64066 (346, 1)	7.55483 (146, 8)	8.32366 (209, 5)	28.82968 (209, 5)
20.0 /	9.76347 (108, 1)	9.19372 (108, 1)	8.99756 (108, 1)	9.28754 (209, 5)	30.43479 (209, 5)
10.0 /	9.92585 (182, 2)	9.41060 (182, 2)	9.05869 (182, 2)	9.00413 (182, 2)	19.13986 (209, 5)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1984 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 60.40443 AND OCCURRED AT (12000.0, 200.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 1200.0	1500.0	2000.0	3000.0	4000.0
360.0 /	20.66169 (191, 4)	24.08053 (183, 5)	25.76931 (183, 5)	23.23282 (119, 1)	28.03592 (119, 1)
350.0 /	22.90218 (191, 4)	25.20847 (191, 4)	21.69296 (127, 5)	24.83154 (201, 4)	23.50882 (201, 4)
340.0 /	22.16220 (191, 4)	29.79463 (117, 5)	37.95929 (117, 5)	38.49998 (117, 5)	32.62304 (117, 5)
330.0 /	23.49915 (242, 4)	24.45750 (242, 4)	27.83289 (117, 5)	26.26997 (126, 4)	27.29650 (203, 7)
320.0 /	29.61660 (242, 4)	30.48696 (242, 4)	25.79354 (242, 4)	25.54821 (215, 5)	28.63901 (210, 1)
310.0 /	23.49911 (242, 4)	24.45746 (242, 4)	19.54405 (242, 4)	24.94225 (121, 4)	26.67467 (128, 8)
300.0 /	21.99632 (157, 4)	22.09086 (157, 4)	26.23714 (140, 5)	37.18118 (140, 5)	38.76426 (140, 5)
290.0 /	31.83006 (157, 4)	31.52977 (157, 4)	26.46174 (157, 4)	24.05988 (198, 5)	25.16058 (366, 8)
280.0 /	29.09017 (157, 4)	28.90247 (157, 4)	23.69856 (157, 4)	26.30201 (206, 5)	23.57573 (217, 8)
270.0 /	26.02869 (112, 4)	28.19275 (112, 4)	23.98360 (112, 4)	33.45330 (159, 4)	36.99484 (159, 4)
260.0 /	22.55102 (210, 5)	24.19912 (131, 4)	27.24996 (131, 4)	26.16971 (131, 4)	24.17896 (336, 5)
250.0 /	28.61895 (131, 5)	32.99953 (131, 4)	35.11103 (131, 4)	31.89795 (131, 4)	28.76130 (63, 7)
240.0 /	28.01719 (131, 5)	30.26881 (131, 5)	29.81051 (131, 5)	23.68335 (265, 8)	30.51388 (265, 8)
230.0 /	22.18382 (259, 4)	20.33940 (189, 5)	20.81171 (259, 5)	25.19160 (139, 5)	25.56044 (262, 1)
220.0 /	19.94919 (82, 5)	22.74771 (82, 5)	19.82882 (82, 5)	22.63061 (178, 5)	23.92044 (361, 7)
210.0 /	17.35767 (82, 5)	19.87527 (82, 5)	26.71902 (241, 5)	25.38734 (241, 5)	25.80787 (298, 4)
200.0 /	19.58176 (228, 4)	22.20419 (228, 4)	22.51060 (278, 2)	30.75654 (278, 2)	38.99484 (278, 2)
190.0 /	22.78076 (228, 4)	25.69672 (228, 4)	22.01675 (228, 4)	24.25661 (152, 4)	23.26506 (152, 4)
180.0 /	32.52863 (228, 5)	33.74944 (228, 5)	29.49993 (228, 5)	27.84567 (270, 2)	35.01474 (270, 2)
170.0 /	31.59412 (228, 5)	33.20412 (228, 5)	29.28233 (228, 5)	23.84846 (2, 1)	29.45359 (2, 1)
160.0 /	26.80682 (155, 4)	25.90112 (155, 4)	25.80772 (154, 5)	25.48297 (311, 1)	32.59733 (311, 1)
150.0 /	45.28628 (218, 5)	42.56653 (218, 5)	34.28754 (218, 5)	25.73214 (61, 4)	30.47952 (1, 2)
140.0 /	41.40629 (218, 5)	38.69611 (218, 5)	30.87324 (218, 5)	35.01060 (136, 4)	35.75237 (91, 2)
130.0 /	24.34212 (218, 4)	29.05959 (155, 5)	31.03662 (155, 5)	27.91796 (155, 5)	26.89933 (62, 4)
120.0 /	28.39669 (218, 4)	27.10376 (218, 4)	25.33132 (221, 4)	30.40659 (235, 5)	27.25362 (235, 5)
110.0 /	22.49006 (257, 4)	25.97018 (219, 4)	23.91235 (219, 4)	27.56674 (60, 8)	33.60331 (60, 8)
100.0 /	29.83231 (225, 4)	31.47476 (86, 5)	32.25905 (86, 5)	32.68399 (109, 5)	32.42144 (109, 5)
90.0 /	35.99654 (225, 4)	36.90027 (225, 4)	35.75494 (225, 4)	36.56553 (225, 4)	34.92831 (225, 4)
80.0 /	32.15068 (121, 5)	31.17480 (121, 5)	26.96156 (225, 4)	26.92391 (225, 4)	27.79826 (97, 7)
70.0 /	34.34277 (121, 5)	34.82906 (121, 5)	32.07319 (180, 4)	32.88841 (180, 4)	29.87085 (180, 4)
60.0 /	32.75328 (225, 5)	35.65158 (180, 4)	39.56877 (180, 4)	41.12094 (180, 4)	37.27894 (180, 4)
50.0 /	40.07479 (225, 5)	42.24980 (225, 5)	37.45002 (225, 5)	31.09135 (125, 5)	26.48945 (125, 5)
40.0 /	22.33568 (209, 5)	24.32229 (242, 4)	20.93008 (242, 4)	28.32333 (289, 4)	30.79625 (289, 4)
30.0 /	37.15384 (209, 5)	35.58979 (209, 5)	29.96265 (209, 5)	22.14503 (124, 7)	27.92570 (124, 7)
20.0 /	38.58389 (209, 5)	36.77483 (209, 5)	30.99772 (209, 5)	24.05654 (104, 5)	22.26196 (88, 4)
10.0 /	24.97668 (209, 5)	27.70840 (183, 5)	27.91656 (183, 5)	23.90738 (245, 5)	24.21730 (233, 1)

SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1984

HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER)
FROM ALL SOURCES
FOR THE RECEPTOR GRID

MAXIMUM VALUE EQUALS 60.40443 AND OCCURRED AT (12000.0, 200.0)

DIRECTION / (DEGREES) /	RANGE (METERS) 5000.0	6000.0	7000.0	8000.0	9000.0
360.0 /	31.64413 (119, 1)	34.69879 (119, 1)	37.22219 (119, 1)	38.91162 (119, 1)	40.20037 (119, 1)
350.0 /	21.29976 (118, 4)	22.52882 (243, 8)	24.29135 (243, 8)	25.74452 (243, 8)	26.91092 (243, 8)
340.0 /	28.54687 (272, 2)	26.88282 (272, 2)	24.88604 (272, 2)	24.08194C(232, 7)	25.10468C(232, 7)
330.0 /	31.39977 (203, 7)	34.95576 (203, 7)	37.95212 (203, 7)	40.41566 (203, 7)	42.39399 (203, 7)
320.0 /	32.26954 (210, 1)	35.26015 (210, 1)	37.63192 (210, 1)	39.44220 (210, 1)	40.76401 (210, 1)
310.0 /	29.98634 (128, 8)	32.35387 (128, 8)	34.21207 (142, 2)	36.15400 (142, 2)	37.63118 (142, 2)
300.0 /	36.07336 (140, 5)	35.59796 (144, 1)	37.96318 (144, 1)	39.74914 (144, 1)	41.03380 (144, 1)
290.0 /	28.61181 (366, 8)	31.36685 (366, 8)	33.47862 (366, 8)	35.02804 (366, 8)	36.10333 (366, 8)
280.0 /	27.00145 (217, 8)	30.10755 (217, 8)	32.86591 (217, 8)	34.97503 (217, 8)	36.75861 (217, 8)
270.0 /	35.12564 (159, 4)	36.95306 (161, 8)	39.93826 (161, 8)	42.07656 (161, 8)	43.83726 (161, 8)
260.0 /	24.40320 (336, 5)	23.62008 (336, 5)	25.18338 (347, 7)	26.49254 (347, 7)	27.65204 (347, 7)
250.0 /	32.00723 (63, 7)	34.55962 (63, 7)	36.50274 (63, 7)	37.68504 (63, 7)	38.45678 (63, 7)
240.0 /	34.97686 (265, 8)	38.47373 (265, 8)	41.10237 (265, 8)	42.99148 (265, 8)	44.27052 (265, 8)
230.0 /	29.21115 (262, 1)	32.20004 (262, 1)	34.56023 (262, 1)	36.35794 (262, 1)	37.67120 (262, 1)
220.0 /	27.13858 (33, 8)	29.95853 (33, 8)	32.29929 (33, 8)	33.95437 (33, 8)	35.23425 (33, 8)
210.0 /	26.49523 (298, 4)	26.51149 (264, 1)	28.23826 (264, 1)	29.50915 (264, 1)	30.39255 (264, 1)
200.0 /	44.60596 (278, 2)	49.25145 (278, 2)	52.97438 (278, 2)	55.86499 (278, 2)	58.03218 (278, 2)
190.0 /	20.69669 (312, 4)	20.97059 (329, 7)	21.94984 (329, 7)	22.76022 (312, 6)	23.52781 (47, 8)
180.0 /	39.44036 (270, 2)	42.77620 (270, 2)	45.16142 (270, 2)	46.75531 (270, 2)	47.71104 (270, 2)
170.0 /	32.59190 (2, 1)	34.78962 (1, 8)	36.54731 (1, 8)	37.62881 (1, 8)	38.18539 (1, 8)
160.0 /	36.81263 (311, 1)	39.80359 (311, 1)	41.79269 (311, 1)	42.99522 (311, 1)	43.59524 (311, 1)
150.0 /	33.21254 (1, 2)	34.83572 (1, 2)	35.61740 (1, 2)	37.28200 (313, 1)	38.47143 (313, 1)
140.0 /	40.21134 (91, 2)	43.67426 (91, 2)	46.27306 (91, 2)	47.90449 (91, 2)	48.96400 (91, 2)
130.0 /	24.79104 (69, 5)	24.05654 (69, 5)	22.42494 (69, 5)	21.41058 (73, 7)	22.20417 (73, 7)
120.0 /	26.00400 (6, 4)	24.25106 (6, 4)	26.13845 (61, 8)	27.49728 (61, 8)	28.68360 (61, 8)
110.0 /	37.67968 (60, 8)	40.92557 (60, 8)	43.44556 (60, 8)	45.06081 (60, 8)	46.18176 (60, 8)
100.0 /	29.27345 (109, 5)	31.41357 (115, 7)	33.43172 (115, 7)	34.72976 (115, 7)	35.64346 (115, 7)
90.0 /	31.21269 (28, 7)	33.95503 (28, 7)	35.90444 (28, 7)	37.20048 (28, 7)	37.97406 (28, 7)
80.0 /	31.33234 (97, 7)	33.91360 (97, 7)	35.69392 (97, 7)	36.82875 (97, 7)	37.45701 (97, 7)
70.0 /	25.77944 (180, 4)	28.02681 (174, 2)	29.86844 (174, 2)	31.21465 (174, 2)	32.14349 (174, 2)
60.0 /	32.34414 (180, 4)	29.28875 (108, 7)	30.97236 (108, 7)	31.96123 (108, 7)	32.60381 (108, 7)
50.0 /	22.90961 (109, 2)	25.37987 (109, 2)	27.68945 (109, 2)	29.21944 (109, 2)	30.58311 (109, 2)
40.0 /	28.69710 (289, 4)	30.25804 (340, 7)	31.78861 (340, 7)	32.64551 (340, 7)	33.16762 (340, 7)
30.0 /	31.51542 (124, 7)	34.10118 (124, 7)	35.83334 (124, 7)	36.87630 (124, 7)	37.38162 (124, 7)
20.0 /	24.32349 (88, 4)	25.16244 (88, 4)	25.18321 (88, 4)	24.69152 (88, 4)	24.64630 (108, 1)
10.0 /	27.54109 (233, 1)	30.33922 (233, 1)	32.64869 (233, 1)	34.22385 (233, 1)	35.43319 (233, 1)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1984 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 60.40443 AND OCCURRED AT (12000.0, 200.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 10000.0	11000.0	12000.0	13000.0	14000.0
360.0 /	41.15486 (119, 1)	41.67887 (119, 1)	42.01041 (119, 1)	42.18473 (119, 1)	42.23126 (119, 1)
350.0 /	27.82039 (243, 8)	28.26551 (243, 8)	28.55307 (243, 8)	28.70901 (243, 8)	28.75570 (243, 8)
340.0 /	25.88920C(232, 7)	26.24421C(232, 7)	26.45540C(232, 7)	26.54745C(232, 7)	26.54116C(232, 7)
330.0 /	43.94180 (203, 7)	44.75120 (203, 7)	45.29784 (203, 7)	45.62567 (203, 7)	45.77232 (203, 7)
320.0 /	41.67188 (210, 1)	41.90903 (210, 1)	41.92331 (210, 1)	41.76097 (210, 1)	41.45942 (210, 1)
310.0 /	38.70792 (142, 2)	39.14293 (142, 2)	39.35146 (142, 2)	39.37717 (142, 2)	39.25614 (142, 2)
300.0 /	41.89598 (144, 1)	42.08528 (144, 1)	42.05067 (144, 1)	41.83982 (144, 1)	41.49117 (144, 1)
290.0 /	36.78811 (366, 8)	36.88893 (366, 8)	36.79197 (366, 8)	36.54171 (366, 8)	36.17402 (366, 8)
280.0 /	38.24597 (217, 8)	39.27286 (217, 8)	40.09447 (217, 8)	40.73756 (217, 8)	41.22664 (217, 8)
270.0 /	45.26348 (161, 8)	46.21512 (161, 8)	46.94585 (161, 8)	47.48739 (161, 8)	47.86805 (161, 8)
260.0 /	28.67402 (347, 7)	29.56934 (347, 7)	30.34886 (347, 7)	31.02305 (347, 7)	31.60183 (347, 7)
250.0 /	38.90417 (63, 7)	38.93058 (63, 7)	38.79921 (63, 7)	38.54794 (63, 7)	38.20567 (63, 7)
240.0 /	45.05476 (265, 8)	45.14291 (265, 8)	44.98864 (265, 8)	44.64982 (265, 8)	44.17174 (265, 8)
230.0 /	38.57631 (262, 1)	38.85500 (262, 1)	38.91470 (262, 1)	38.80130 (262, 1)	38.55199 (262, 1)
220.0 /	36.19721 (33, 8)	36.72631 (33, 8)	37.06899 (33, 8)	37.69558 (361, 7)	38.31929 (361, 7)
210.0 /	30.95470 (264, 1)	31.02466 (264, 1)	31.50143C(167, 1)	32.38232C(167, 1)	33.18076C(167, 1)
200.0 /	59.58539 (278, 2)	60.16389 (278, 2)	60.40443 (278, 2)	60.37317 (278, 2)	60.12543 (278, 2)
190.0 /	24.35077 (47, 8)	25.09646 (47, 8)	25.76824 (47, 8)	26.37029 (47, 8)	26.90695 (47, 8)
180.0 /	48.16270 (270, 2)	47.90074 (270, 2)	47.41247 (270, 2)	46.75816 (270, 2)	45.98426 (270, 2)
170.0 /	38.34112 (1, 8)	37.96667 (1, 8)	37.42863 (1, 8)	36.77615 (1, 8)	36.04594 (1, 8)
160.0 /	43.73989 (311, 1)	43.29861 (311, 1)	42.67555 (311, 1)	41.92656 (311, 1)	41.09306 (311, 1)
150.0 /	39.24009 (313, 1)	39.38595 (313, 1)	39.31702 (313, 1)	39.08175 (313, 1)	38.71865 (313, 1)
140.0 /	49.57421 (91, 2)	49.60769 (91, 2)	49.42664 (91, 2)	49.08294 (91, 2)	48.61703 (91, 2)
130.0 /	22.75170 (73, 7)	22.92988 (73, 7)	22.97765 (73, 7)	22.92196 (73, 7)	22.78526 (73, 7)
120.0 /	29.71515 (61, 8)	30.60598 (61, 8)	31.36960 (61, 8)	32.01882 (61, 8)	32.56541 (61, 8)
110.0 /	46.91105 (60, 8)	47.13578 (60, 8)	47.16720 (60, 8)	47.04953 (60, 8)	46.81695 (60, 8)
100.0 /	36.24929 (115, 7)	36.46336 (115, 7)	36.51881 (115, 7)	36.44973 (115, 7)	36.28334 (115, 7)
90.0 /	38.33808 (28, 7)	38.13847 (28, 7)	37.75700 (28, 7)	37.24231 (28, 7)	36.63211 (28, 7)
80.0 /	37.69460 (97, 7)	37.40003 (97, 7)	36.93994 (97, 7)	36.36106 (97, 7)	35.69913 (97, 7)
70.0 /	32.72898 (174, 2)	32.79821 (174, 2)	32.69473 (174, 2)	32.45781 (174, 2)	32.11897 (174, 2)
60.0 /	32.97984 (108, 7)	33.04166 (108, 7)	32.97663 (108, 7)	32.81494 (108, 7)	32.57987 (108, 7)
50.0 /	31.79235 (109, 2)	32.85930 (109, 2)	33.79600 (109, 2)	34.61404 (109, 2)	35.32430 (109, 2)
40.0 /	33.43159 (340, 7)	33.37456 (340, 7)	33.19883 (340, 7)	32.93492 (340, 7)	32.60548 (340, 7)
30.0 /	37.47742 (124, 7)	37.04696 (124, 7)	36.45034 (124, 7)	35.73923 (124, 7)	34.95209 (124, 7)
20.0 /	25.49863 (108, 1)	26.24879 (108, 1)	26.90454 (108, 1)	27.47365 (108, 1)	27.96366 (108, 1)
10.0 /	36.33813 (233, 1)	36.85248 (233, 1)	37.19259 (233, 1)	37.39057 (233, 1)	37.47301 (233, 1)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1984 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 44.99937 AND OCCURRED AT (10000.0, 140.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 200.0	400.0	600.0	800.0	1000.0
360.0 /	9.24099 (87, 2)	8.36137 (87, 2)	8.53456 (87, 2)	9.14045 (87, 2)	16.61804 (195, 4)
350.0 /	9.34071 (257, 2)	9.41104 (248, 1)	8.77997 (248, 1)	8.33788 (248, 1)	19.43400 (195, 4)
340.0 /	9.54616 (127, 1)	7.28910 (141, 1)	7.38352C(232, 7)	7.86856C(232, 7)	17.27282 (118, 5)
330.0 /	8.67897 (118, 1)	7.22979C(258, 8)	7.79617 (203, 7)	8.79040 (203, 7)	18.61783 (191, 4)
320.0 /	10.79225 (332, 8)	9.56950 (210, 1)	9.12448 (128, 2)	9.11731 (128, 2)	17.17768 (242, 4)
310.0 /	11.27561 (112, 1)	9.63482 (110, 8)	8.93264 (158, 1)	9.32640 (158, 1)	13.09208 (242, 4)
300.0 /	11.10667 (364, 8)	10.36360 (364, 8)	10.34548 (144, 1)	11.28980 (144, 1)	12.51084 (112, 1)
290.0 /	9.32468 (196, 8)	7.65422 (78, 8)	7.96867 (366, 8)	8.49721 (78, 8)	18.49345 (191, 5)
280.0 /	9.46821 (196, 8)	8.40186 (366, 7)	8.86298 (366, 7)	8.78663 (217, 8)	19.24390 (227, 4)
270.0 /	10.29842 (363, 7)	9.75817 (133, 8)	9.80834 (365, 7)	9.97178 (365, 7)	16.52298 (191, 5)
260.0 /	10.53443 (143, 2)	9.33645 (44, 2)	9.19276 (132, 8)	8.65821 (347, 7)	17.87331 (196, 4)
250.0 /	11.01193 (130, 8)	9.78120 (130, 8)	9.58666 (63, 7)	10.69604 (63, 7)	19.73954 (196, 5)
240.0 /	11.98335 (131, 1)	11.71659 (131, 1)	11.21631 (131, 1)	10.56371 (131, 1)	18.97509 (135, 5)
230.0 /	10.33401 (332, 2)	9.37421 (211, 8)	8.93281 (211, 8)	9.00685 (351, 8)	19.02130 (162, 4)
220.0 /	10.31441 (361, 7)	10.67224 (334, 8)	9.88320 (334, 8)	9.95449 (41, 3)	13.36670 (361, 7)
210.0 /	11.24345 (331, 1)	10.60136 (57, 2)	10.55763 (57, 2)	10.56335 (57, 2)	10.77979C(167, 1)
200.0 /	10.83667 (269, 2)	10.17149 (84, 1)	10.21945 (305, 1)	10.38746 (305, 1)	12.44266 (242, 5)
190.0 /	9.98729 (207, 2)	8.65544 (47, 8)	8.90569 (268, 8)	9.29882 (268, 8)	17.60030 (219, 4)
180.0 /	11.37598 (269, 8)	10.66948 (207, 2)	9.33513 (270, 2)	10.68193 (270, 2)	20.18342 (92, 4)
170.0 /	10.45896 (103, 2)	9.09945 (8, 2)	8.61329 (342, 8)	9.53468 (2, 1)	20.22506 (221, 4)
160.0 /	9.79594 (283, 1)	10.05943 (283, 1)	10.37465 (283, 1)	10.71431 (283, 1)	19.53996 (162, 5)
150.0 /	9.16395 (46, 2)	8.29171 (314, 1)	8.20949 (284, 2)	9.11187 (284, 2)	19.53498C(256, 4)
140.0 /	7.41800 (292, 2)	6.14480 (343, 2)	6.22723 (61, 2)	11.30228 (91, 2)	19.30315 (171, 4)
130.0 /	8.28086 (343, 2)	6.32019 (115, 8)	6.31788 (31, 7)	6.68384 (238, 4)	18.32652 (238, 4)
120.0 /	8.17533 (153, 2)	8.67006 (61, 8)	8.21253 (256, 2)	7.64249 (256, 2)	19.89367 (221, 4)
110.0 /	8.30339 (256, 2)	8.26078 (275, 2)	8.34260 (173, 1)	8.65964 (173, 1)	19.17267 (223, 5)
100.0 /	8.01640 (4, 8)	8.19725 (115, 2)	8.72983 (115, 7)	9.49895 (115, 7)	18.57327 (86, 5)
90.0 /	9.04551C(229, 2)	8.14963 (165, 1)	8.76469 (245, 1)	9.09245 (245, 1)	21.21041 (86, 5)
80.0 /	10.72593 (310, 2)	8.92111 (310, 2)	8.79133 (54, 7)	9.34324 (54, 7)	17.08109 (225, 4)
70.0 /	9.66305 (29, 8)	8.01485 (310, 2)	7.57758 (106, 1)	7.64982 (106, 1)	19.35709 (257, 5)
60.0 /	9.08446 (288, 2)	7.39982 (6, 8)	7.95332 (109, 8)	9.33255 (225, 5)	21.15092 (180, 4)
50.0 /	10.18104 (225, 1)	8.41920 (29, 1)	8.09479 (109, 2)	8.86022 (109, 2)	19.83980 (195, 4)
40.0 /	9.81938 (346, 1)	8.31950 (340, 7)	9.08319 (340, 7)	9.28067 (288, 2)	16.10750 (209, 5)
30.0 /	8.43510 (233, 2)	7.08361 (146, 8)	7.42915 (346, 1)	8.11799 (146, 8)	18.17449 (183, 4)
20.0 /	9.71802 (346, 1)	8.11149C(135, 2)	7.15546C(135, 2)	9.21494 (108, 1)	20.23832 (183, 4)
10.0 /	9.87376 (232, 2)	7.60458 (225, 2)	7.12236 (225, 8)	8.02465 (233, 1)	18.81168 (248, 5)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1984 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 44.99937 AND OCCURRED AT (10000.0, 140.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 1200.0	1500.0	2000.0	3000.0	4000.0
360.0 /	20.17386 (248, 5)	23.42852 (191, 4)	21.88559 (245, 5)	22.77313 (183, 5)	22.21524 (129, 8)
350.0 /	22.52626 (195, 4)	20.98284 (195, 4)	21.24570 (117, 5)	22.72874 (104, 4)	22.71945 (118, 4)
340.0 /	21.41885 (237, 5)	22.46193 (191, 4)	32.39674 (128, 4)	34.73950 (128, 4)	29.23867 (272, 2)
330.0 /	22.89618 (191, 4)	23.64593 (117, 5)	23.80024 (128, 4)	25.47686 (128, 4)	23.04730 (126, 4)
320.0 /	22.14022 (191, 4)	21.40410 (118, 5)	22.77437 (118, 5)	23.72670 (122, 5)	24.79873 (215, 5)
310.0 /	18.07903 (204, 5)	19.15018 (204, 5)	19.18622 (121, 4)	21.08245 (128, 8)	25.07605 (142, 2)
300.0 /	13.35685 (144, 1)	15.84002 (204, 5)	22.02288 (133, 4)	32.94796 (133, 4)	33.06457 (133, 4)
290.0 /	20.68320 (191, 5)	19.53933 (227, 4)	18.25034 (198, 5)	20.09109 (157, 4)	24.75364 (140, 4)
280.0 /	23.27357 (191, 5)	23.61961 (112, 4)	23.01332 (206, 5)	22.66311 (127, 6)	23.55965 (133, 7)
270.0 /	21.88186 (191, 5)	18.87548 (131, 5)	20.90050 (159, 4)	25.59402 (336, 5)	29.73976 (161, 8)
260.0 /	21.65983 (131, 5)	21.58022 (112, 4)	20.43859 (134, 5)	21.12888 (336, 5)	22.66310 (131, 4)
250.0 /	24.00825 (131, 4)	31.10037 (131, 5)	29.71489 (131, 5)	24.43395 (120, 4)	26.70238 (131, 4)
240.0 /	22.10355 (131, 4)	26.52460 (131, 4)	24.01908 (131, 4)	23.58388 (131, 5)	27.78332 (267, 1)
230.0 /	21.07441 (162, 4)	20.14022 (259, 5)	20.21746 (139, 5)	22.07526 (241, 4)	23.95792 (139, 5)
220.0 /	19.93806 (189, 5)	22.46705 (189, 5)	19.65320 (189, 5)	21.31724 (361, 7)	23.82616 (33, 8)
210.0 /	16.38508 (222, 4)	19.23922 (241, 5)	18.55475 (92, 5)	21.12616 (298, 4)	21.99262 (72, 1)
200.0 /	18.32241 (242, 5)	18.25365 (242, 5)	18.47533 (228, 4)	22.14794 (152, 4)	22.81929 (305, 2)
190.0 /	22.34069 (219, 4)	22.24241 (228, 5)	18.63481 (152, 4)	20.11891 (91, 5)	20.91108 (312, 4)
180.0 /	27.08498 (192, 4)	28.06348 (192, 4)	23.26804 (192, 4)	22.85028 (228, 5)	20.14914 (219, 4)
170.0 /	28.35846 (192, 4)	29.32126 (192, 4)	24.59417 (192, 4)	23.69873 (228, 5)	28.56197 (1, 8)
160.0 /	21.54438 (162, 5)	25.35819 (154, 5)	21.44157 (155, 4)	24.11290 (77, 5)	28.88455 (312, 1)
150.0 /	22.50734 (245, 4)	24.98837 (245, 4)	20.95577 (245, 4)	24.93789 (1, 2)	27.76664 (61, 4)
140.0 /	23.83296 (171, 4)	26.12166 (245, 4)	25.34608 (136, 4)	28.99310 (91, 2)	33.21679 (61, 2)
130.0 /	24.17447 (220, 4)	23.38228 (220, 4)	21.98003 (224, 4)	27.08625 (224, 4)	25.99188 (62, 5)
120.0 /	24.07230 (221, 4)	25.23000 (221, 4)	24.86329 (235, 5)	25.97286 (221, 4)	26.43969 (6, 4)
110.0 /	21.42516 (223, 5)	23.87461 (223, 4)	21.66105 (89, 5)	22.33564 (310, 4)	25.71136 (310, 4)
100.0 /	27.12046 (86, 5)	29.64300 (225, 4)	25.54844 (225, 4)	29.17670 (86, 5)	25.65087 (115, 7)
90.0 /	29.73245 (86, 5)	32.57426 (86, 5)	31.89757 (86, 5)	29.64112 (86, 5)	27.55127 (28, 7)
80.0 /	27.62969 (225, 4)	28.80533 (225, 4)	24.84550 (121, 5)	21.93827 (97, 7)	26.50993 (6, 7)
70.0 /	28.08680 (98, 4)	29.77286 (180, 4)	28.37819 (121, 5)	22.11454 (172, 4)	22.59532 (174, 2)
60.0 /	29.53760 (180, 4)	33.71829 (225, 5)	28.74944 (225, 5)	19.83693 (108, 7)	24.16519 (108, 7)
50.0 /	26.73233 (188, 4)	28.31952 (188, 4)	29.60012 (125, 5)	26.00508 (225, 5)	21.72959 (231, 5)
40.0 /	22.10917 (225, 5)	22.08061 (225, 5)	19.25325 (224, 5)	25.21145 (224, 5)	25.53922 (340, 7)
30.0 /	28.52592 (227, 4)	29.19575 (227, 4)	24.33316 (227, 4)	22.06563 (209, 5)	21.85010 (126, 2)
20.0 /	28.52592 (227, 4)	29.19575 (227, 4)	24.33316 (227, 4)	22.88641 (209, 5)	21.54680 (125, 4)
10.0 /	22.13334 (183, 5)	23.36700 (209, 5)	20.88783 (245, 5)	23.63202 (183, 5)	21.40351 (123, 4)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1984 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 44.99937 AND OCCURRED AT (10000.0, 140.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 5000.0	6000.0	7000.0	8000.0	9000.0
360.0 /	25.19214 (129, 8)	27.60425 (129, 8)	29.71299 (135, 3)	31.06504 (135, 3)	31.93421 (129, 8)
350.0 /	20.46495 (110, 4)	21.35374 (65, 8)	22.59413 (65, 8)	23.43797 (65, 8)	23.96947 (65, 8)
340.0 /	26.43871 (117, 5)	21.45821 (117, 5)	22.79208C(232, 7)	22.86213 (272, 2)	22.12252 (113, 2)
330.0 /	21.48831 (257, 1)	23.54621 (257, 1)	25.53589 (257, 1)	26.88850 (257, 1)	28.13933 (257, 1)
320.0 /	24.62246 (204, 8)	26.79227 (204, 8)	28.40526 (204, 8)	29.54178 (204, 8)	30.59554 (293, 1)
310.0 /	28.70163 (142, 2)	31.74332 (142, 2)	33.93665 (128, 8)	34.89384 (128, 8)	35.36609 (128, 8)
300.0 /	32.59106 (144, 1)	32.94507 (140, 8)	34.70417 (140, 8)	35.84298 (140, 8)	36.49768 (140, 8)
290.0 /	27.75223 (141, 7)	30.01310 (141, 7)	31.60261 (141, 7)	32.64439 (141, 7)	33.25077 (141, 7)
280.0 /	26.66097 (133, 7)	29.25816 (133, 7)	31.38391 (133, 7)	32.84715 (133, 7)	33.96006 (133, 7)
270.0 /	33.54294 (161, 8)	33.24734 (296, 7)	35.32389 (296, 7)	36.77208 (296, 7)	37.70676 (296, 7)
260.0 /	21.96795 (360, 4)	23.17097 (347, 7)	23.74752 (132, 1)	24.47814 (132, 1)	25.04325 (132, 1)
250.0 /	30.16652 (331, 7)	33.07445 (331, 7)	35.27538 (331, 7)	36.86789 (331, 7)	37.95388 (331, 7)
240.0 /	31.06383 (267, 1)	33.91920 (267, 1)	36.33857 (267, 1)	38.28806 (150, 2)	40.08522 (150, 2)
230.0 /	20.82963 (139, 5)	22.69584 (351, 8)	24.63559 (351, 8)	25.91142 (351, 8)	27.05647 (351, 8)
220.0 /	26.49226 (361, 7)	28.95266 (361, 7)	31.25507 (361, 7)	32.70823 (361, 7)	33.99324 (361, 7)
210.0 /	24.33910 (72, 1)	26.11651 (72, 1)	27.38282 (72, 1)	28.16469 (72, 1)	28.60271 (72, 1)
200.0 /	25.94695 (305, 2)	28.70210 (305, 2)	31.07211 (305, 2)	32.83680 (305, 2)	34.26876 (305, 2)
190.0 /	20.20338 (152, 4)	20.52277 (312, 6)	21.84035 (312, 6)	22.62513 (47, 8)	23.35070 (312, 6)
180.0 /	22.55302 (139, 2)	24.66256 (139, 2)	26.40789 (139, 2)	27.57499 (139, 2)	28.46187 (139, 2)
170.0 /	32.18452 (1, 8)	34.75693 (2, 1)	36.12168 (2, 1)	36.85492 (2, 1)	37.10476 (2, 1)
160.0 /	32.25060 (68, 2)	34.82512 (68, 2)	36.54422 (68, 2)	37.58377 (68, 2)	38.09814 (68, 2)
150.0 /	30.71807 (312, 2)	33.31997 (98, 7)	35.58313 (313, 1)	36.84503 (98, 7)	37.77795 (98, 7)
140.0 /	37.58469 (61, 2)	40.71524 (61, 2)	42.82353 (61, 2)	44.12286 (61, 2)	44.79834 (61, 2)
130.0 /	24.05231 (62, 4)	22.61732 (38, 5)	20.76854 (38, 5)	20.52534 (69, 5)	20.29203 (235, 2)
120.0 /	22.66720 (221, 4)	24.03016 (61, 8)	22.22215 (6, 4)	21.76367 (67, 7)	21.96876 (67, 7)
110.0 /	25.13562 (310, 4)	25.20197 (176, 2)	27.08402 (176, 2)	28.59517 (176, 2)	29.77172 (176, 2)
100.0 /	28.84084 (115, 7)	25.46010 (109, 5)	21.85891 (109, 5)	19.79535 (287, 8)	20.65139 (194, 7)
90.0 /	31.14326 (225, 4)	30.85908C(310, 1)	33.05091C(310, 1)	34.70650C(310, 1)	35.90179C(310, 1)
80.0 /	29.94282 (6, 7)	32.49534 (6, 7)	34.29162 (6, 7)	35.46703 (6, 7)	36.14782 (6, 7)
70.0 /	25.61787 (174, 2)	22.07767 (180, 4)	20.92152 (107, 7)	22.01468 (107, 7)	22.80505 (107, 7)
60.0 /	27.05442 (108, 7)	27.98107 (180, 4)	26.19062 (6, 8)	26.55980 (109, 8)	27.72200 (109, 8)
50.0 /	22.53123 (7, 1)	24.06177 (7, 1)	25.04758 (7, 1)	25.60029 (7, 1)	25.81866 (7, 1)
40.0 /	28.20477 (340, 7)	29.20515 (340, 8)	30.16736 (340, 8)	30.61891 (340, 8)	30.68454 (340, 8)
30.0 /	24.58002 (126, 2)	26.83420 (126, 2)	28.66304 (126, 2)	29.83023 (126, 2)	30.69804 (126, 2)
20.0 /	19.16895 (125, 4)	20.91816 (108, 1)	22.60358 (108, 1)	23.68454 (108, 1)	23.89783 (88, 4)
10.0 /	19.28065 (123, 4)	18.72352 (124, 8)	19.96425 (124, 8)	21.06790 (113, 8)	22.02597 (113, 8)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1984 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 44.99937 AND OCCURRED AT (10000.0, 140.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 10000.0	11000.0	12000.0	13000.0	14000.0
360.0 /	32.62625 (129, 8)	32.79898 (129, 8)	32.79823 (129, 8)	32.66078 (129, 8)	32.41661 (129, 8)
350.0 /	24.25837 (65, 8)	24.20750 (65, 8)	24.04834 (65, 8)	23.80874 (65, 8)	23.51028 (65, 8)
340.0 /	23.03759 (113, 2)	23.56389 (113, 2)	23.95106 (113, 2)	24.22053 (113, 2)	24.39079 (113, 2)
330.0 /	29.29055 (257, 1)	30.34570 (257, 1)	31.30916 (257, 1)	32.18586 (257, 1)	32.98093 (257, 1)
320.0 /	31.78550 (293, 1)	32.82487 (293, 1)	33.72755 (293, 1)	34.50658 (293, 1)	35.17421 (293, 1)
310.0 /	35.46968 (128, 8)	35.08267 (128, 8)	34.54747 (128, 8)	33.90912 (128, 8)	33.20145 (128, 8)
300.0 /	36.77299 (140, 8)	36.52157 (140, 8)	36.10368 (140, 8)	35.56470 (140, 8)	34.93980 (140, 8)
290.0 /	33.51673 (141, 7)	33.30484 (141, 7)	32.94276 (141, 7)	32.47110 (141, 7)	31.92082 (141, 7)
280.0 /	34.78304 (133, 7)	35.21400 (133, 7)	35.48034 (133, 7)	35.61288 (133, 7)	35.63692 (133, 7)
270.0 /	38.23050 (296, 7)	38.17136 (296, 7)	37.91868 (296, 7)	37.52034 (296, 7)	37.01421 (296, 7)
260.0 /	25.47068 (132, 1)	25.74807 (132, 1)	25.93667 (132, 1)	26.05093 (132, 1)	26.10242 (132, 1)
250.0 /	38.62624 (331, 7)	38.69628 (331, 7)	38.56126 (331, 7)	38.26921 (331, 7)	37.85804 (331, 7)
240.0 /	41.46896 (150, 2)	42.15156 (150, 2)	42.58627 (150, 2)	42.81501 (150, 2)	42.87442 (150, 2)
230.0 /	28.07962 (351, 8)	28.98886 (351, 8)	29.79260 (351, 8)	30.49920 (351, 8)	31.11678 (351, 8)
220.0 /	35.12304 (361, 7)	36.10886 (361, 7)	36.96249 (361, 7)	37.25829 (33, 8)	37.32230 (33, 8)
210.0 /	29.47153C(167, 1)	30.53283C(167, 1)	30.93057 (264, 1)	30.70928 (264, 1)	30.39027 (264, 1)
200.0 /	35.40945 (305, 2)	36.11581 (305, 2)	36.63829 (305, 2)	37.00530 (305, 2)	37.24180 (305, 2)
190.0 /	23.67493 (312, 6)	23.63350 (312, 6)	23.70861 (17, 3)	23.95675 (17, 3)	24.10482 (17, 3)
180.0 /	29.11449 (139, 2)	29.45698 (139, 2)	29.66304 (139, 2)	29.75795 (139, 2)	29.76233 (139, 2)
170.0 /	36.99254 (2, 1)	36.38815 (2, 1)	35.76424 (22, 1)	35.15192 (22, 1)	34.46238 (22, 1)
160.0 /	38.21339 (68, 2)	37.80481 (68, 2)	37.23591 (68, 2)	36.55590 (68, 2)	35.80129 (68, 2)
150.0 /	38.29832 (98, 7)	38.23698 (98, 7)	38.03755 (38, 2)	38.24784 (38, 2)	38.34602 (38, 2)
140.0 /	44.99937 (61, 2)	44.58747 (61, 2)	43.98241 (61, 2)	43.24231 (61, 2)	42.41038 (61, 2)
130.0 /	20.60365 (235, 2)	20.99184 (202, 7)	21.28811 (202, 7)	21.47924 (202, 7)	21.58227 (202, 7)
120.0 /	22.51426 (220, 1)	23.02422 (220, 1)	23.39628 (220, 1)	23.65075 (220, 1)	23.80620 (220, 1)
110.0 /	30.65507 (176, 2)	31.03040 (176, 2)	31.23401 (176, 2)	31.29678 (176, 2)	31.24472 (176, 2)
100.0 /	21.70761 (194, 7)	22.39471 (194, 7)	22.95571 (194, 7)	23.40434 (194, 7)	23.75431 (194, 7)
90.0 /	36.71138C(310, 1)	36.92612C(310, 1)	36.93661C(310, 1)	36.78593C(310, 1)	36.50930C(310, 1)
80.0 /	36.44234 (6, 7)	36.20510 (6, 7)	35.79900 (6, 7)	35.27030 (6, 7)	34.65464 (6, 7)
70.0 /	23.34316 (107, 7)	23.50394 (107, 7)	23.53198 (107, 7)	23.65075 (245, 1)	23.80619 (245, 1)
60.0 /	28.74603 (109, 8)	29.64289 (109, 8)	30.42351 (109, 8)	31.09844 (109, 8)	31.67760 (109, 8)
50.0 /	25.86619 (174, 1)	25.92120 (174, 1)	25.84135 (174, 1)	25.65644 (174, 1)	25.38994 (174, 1)
40.0 /	30.46532 (340, 8)	29.85479 (340, 8)	29.14770 (340, 8)	28.38105 (340, 8)	27.58089 (340, 8)
30.0 /	31.32471 (126, 2)	31.66036 (126, 2)	31.86398 (126, 2)	31.96177 (126, 2)	31.97445 (126, 2)
20.0 /	23.03687 (18, 7)	23.38214 (18, 7)	23.59918 (18, 7)	23.70936 (18, 7)	23.73100 (18, 7)
10.0 /	22.74729 (113, 8)	23.08552 (113, 8)	23.28642 (113, 8)	23.37443 (113, 8)	23.37079 (113, 8)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1984 ***

* 50 MAXIMUM 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM ALL SOURCES *

RANK	CON.	PER.	DAY	X OR RANGE (METERS)	Y(METERS) OR DIRECTION (DEGREES)	RANK	CON.	PER.	DAY	X OR RANGE (METERS)	Y(METERS) OR DIRECTION (DEGREES)
1	60.40443	2	278	12000.0	200.0	26	46.94585	8	161	12000.0	270.0
2	60.37317	2	278	13000.0	200.0	27	46.91105	8	60	10000.0	110.0
3	60.16389	2	278	11000.0	200.0	28	46.81695	8	60	14000.0	110.0
4	60.12543	2	278	14000.0	200.0	29	46.75816	2	270	13000.0	180.0
5	59.58539	2	278	10000.0	200.0	30	46.75531	2	270	8000.0	180.0
6	58.03218	2	278	9000.0	200.0	31	46.27306	2	91	7000.0	140.0
7	55.86499	2	278	8000.0	200.0	32	46.21512	8	161	11000.0	270.0
8	52.97438	2	278	7000.0	200.0	33	46.18176	8	60	9000.0	110.0
9	49.60769	2	91	11000.0	140.0	34	45.98426	2	270	14000.0	180.0
10	49.57421	2	91	10000.0	140.0	35	45.77232	7	203	14000.0	330.0
11	49.42664	2	91	12000.0	140.0	36	45.62567	7	203	13000.0	330.0
12	49.25145	2	278	6000.0	200.0	37	45.29784	7	203	12000.0	330.0
13	49.08294	2	91	13000.0	140.0	38	45.28628	5	218	1200.0	150.0
14	48.96400	2	91	9000.0	140.0	39	45.26348	8	161	10000.0	270.0
15	48.61703	2	91	14000.0	140.0	40	45.16142	2	270	7000.0	180.0
16	48.16270	2	270	10000.0	180.0	41	45.14291	8	265	11000.0	240.0
17	47.90449	2	91	8000.0	140.0	42	45.06081	8	60	8000.0	110.0
18	47.90074	2	270	11000.0	180.0	43	45.05476	8	265	10000.0	240.0
19	47.86805	8	161	14000.0	270.0	44	44.99937	2	61	10000.0	140.0
20	47.71104	2	270	9000.0	180.0	45	44.98864	8	265	12000.0	240.0
21	47.48739	8	161	13000.0	270.0	46	44.79834	2	61	9000.0	140.0
22	47.41247	2	270	12000.0	180.0	47	44.75120	7	203	11000.0	330.0
23	47.16720	8	60	12000.0	110.0	48	44.64982	8	265	13000.0	240.0
24	47.13578	8	60	11000.0	110.0	49	44.60596	2	278	5000.0	200.0
25	47.04953	8	60	13000.0	110.0	50	44.58747	2	61	11000.0	140.0

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1984 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 12.42574 AND OCCURRED AT (10000.0, 240.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 200.0	400.0	600.0	800.0	1000.0
360.0 /	3.44990C(232, 1)	2.67318 (182, 1)	2.44726 (119, 1)	2.59330 (119, 1)	3.72863 (195, 1)
350.0 /	3.34934C(232, 1)	2.67417C(110, 1)	2.57186C(110, 1)	2.56544C(110, 1)	3.38911 (118, 1)
340.0 /	2.58961C(110, 1)	1.94017C(156, 1)	1.87765C(156, 1)	1.89458C(156, 1)	3.05466C(237, 1)
330.0 /	2.53261 (257, 1)	2.03451 (257, 1)	1.76752 (257, 1)	1.75245 (257, 1)	3.67061C(237, 1)
320.0 /	2.81939C(112, 1)	2.40043 (128, 1)	2.17823 (128, 1)	2.13851 (128, 1)	3.07707C(204, 1)
310.0 /	3.27450C(117, 1)	2.87010C(117, 1)	2.46898C(117, 1)	2.37060C(117, 1)	2.59356C(191, 1)
300.0 /	3.16790C(117, 1)	3.03733C(117, 1)	2.63326C(112, 1)	2.65009C(112, 1)	3.09674C(157, 1)
290.0 /	2.29897C(243, 1)	2.14371C(366, 1)	1.91229C(366, 1)	1.86429C(366, 1)	3.62660C(227, 1)
280.0 /	2.47312 (215, 1)	2.73719C(366, 1)	2.76841C(366, 1)	2.92483C(366, 1)	3.18862C(366, 1)
270.0 /	2.59453C(161, 1)	2.46291 (217, 1)	2.34548 (217, 1)	2.44147 (217, 1)	3.19206C(196, 1)
260.0 /	3.49063 (132, 1)	3.58876 (132, 1)	3.45527 (132, 1)	3.46719 (132, 1)	4.63090C(196, 1)
250.0 /	3.14523C(302, 1)	2.58332 (297, 1)	2.46195 (297, 1)	2.42735 (297, 1)	5.27116C(196, 1)
240.0 /	3.35958 (332, 1)	2.87522 (332, 1)	2.64667 (131, 1)	3.76547 (131, 1)	6.79964 (131, 1)
230.0 /	4.04567 (351, 1)	3.98032 (351, 1)	4.01874 (351, 1)	4.15865 (351, 1)	5.16600C(259, 1)
220.0 /	4.14642 (361, 1)	3.70126 (361, 1)	3.42805 (361, 1)	3.35338 (361, 1)	4.58844C(259, 1)
210.0 /	4.34008 (361, 1)	3.18687 (305, 1)	2.54713 (331, 1)	2.57078 (331, 1)	2.66431 (331, 1)
200.0 /	4.00347 (269, 1)	3.70317 (305, 1)	3.46158 (305, 1)	3.46621 (305, 1)	3.59356 (305, 1)
190.0 /	3.94133 (269, 1)	2.88899 (352, 1)	2.41132 (70, 1)	2.45619 (70, 1)	4.61557C(228, 1)
180.0 /	3.13991 (352, 1)	2.27693C(304, 1)	1.96770C(304, 1)	2.03475 (270, 1)	5.27397C(228, 1)
170.0 /	2.90330C(46, 1)	3.01913 (276, 1)	2.88379 (276, 1)	2.90817 (276, 1)	4.66211C(228, 1)
160.0 /	3.02826C(46, 1)	2.88280 (283, 1)	2.81323 (283, 1)	2.82419 (283, 1)	4.13665C(171, 1)
150.0 /	2.28216C(4, 1)	2.46408 (317, 1)	2.50720 (317, 1)	3.18117C(218, 1)	6.82060C(218, 1)
140.0 /	1.61288C(4, 1)	1.37602 (317, 1)	1.24034 (91, 1)	3.20792C(218, 1)	7.37792C(218, 1)
130.0 /	1.97867C(256, 1)	1.64520 (5, 1)	1.49696 (5, 1)	1.91712C(220, 1)	5.34988C(218, 1)
120.0 /	2.23945C(256, 1)	2.02908C(61, 1)	1.99752C(61, 1)	2.49260C(220, 1)	5.75958C(220, 1)
110.0 /	2.36422C(173, 1)	2.06345C(220, 1)	1.99238C(220, 1)	3.00745C(220, 1)	5.13282C(220, 1)
100.0 /	2.33569C(223, 1)	2.74068 (115, 1)	2.66728 (115, 1)	2.71143 (115, 1)	4.68270C(223, 1)
90.0 /	2.71113C(223, 1)	2.26713C(245, 1)	2.10245C(245, 1)	2.24167C(223, 1)	4.37525 (225, 1)
80.0 /	2.83464 (29, 1)	2.49089 (54, 1)	2.59699 (54, 1)	2.71528 (54, 1)	4.29819C(121, 1)
70.0 /	3.01522 (29, 1)	2.44532 (29, 1)	1.96661 (29, 1)	1.70199 (29, 1)	4.07626C(226, 1)
60.0 /	3.10265 (109, 1)	2.38228 (109, 1)	2.10941 (109, 1)	2.36884C(218, 1)	5.58818C(226, 1)
50.0 /	3.30531 (109, 1)	2.50737 (109, 1)	2.16261 (109, 1)	2.13644 (109, 1)	4.53357C(226, 1)
40.0 /	3.08964C(346, 1)	2.21553C(340, 1)	2.42771C(340, 1)	2.69632C(340, 1)	3.03104C(340, 1)
30.0 /	3.39914C(346, 1)	2.43831C(346, 1)	1.92366C(346, 1)	1.58528C(346, 1)	3.76199C(209, 1)
20.0 /	2.83330C(346, 1)	2.08229C(346, 1)	1.81015C(346, 1)	1.65421C(346, 1)	4.25935C(183, 1)
10.0 /	3.06023 (182, 1)	2.73584 (182, 1)	2.29416 (182, 1)	1.97838 (182, 1)	4.34812C(183, 1)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1984 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 12.42574 AND OCCURRED AT (10000.0, 240.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 1200.0	1500.0	2000.0	3000.0	4000.0
360.0 /	4.32862C(226, 1)	5.07067C(183, 1)	6.35494 (129, 1)	7.90656 (129, 1)	8.43147 (129, 1)
350.0 /	3.88384 (118, 1)	4.92893C(110, 1)	6.31415C(110, 1)	8.25231C(194, 1)	9.21710C(194, 1)
340.0 /	3.76394C(191, 1)	5.10070C(117, 1)	7.06497 (127, 1)	8.78166 (127, 1)	9.07960 (127, 1)
330.0 /	4.22916C(237, 1)	5.26123C(204, 1)	6.08089C(204, 1)	6.81193 (128, 1)	6.67154 (128, 1)
320.0 /	4.44392C(204, 1)	5.44896C(204, 1)	6.90095 (128, 1)	9.17456 (128, 1)	9.66166 (128, 1)
310.0 /	3.35702C(242, 1)	4.32839 (128, 1)	6.52396 (128, 1)	9.22795 (128, 1)	10.28863 (128, 1)
300.0 /	4.48109C(157, 1)	4.59758C(140, 1)	7.02081C(140, 1)	10.04968C(140, 1)	11.33310C(140, 1)
290.0 /	4.80234C(157, 1)	4.90464C(227, 1)	5.06463C(227, 1)	6.56406C(140, 1)	7.46687C(140, 1)
280.0 /	4.63453C(157, 1)	5.09356C(133, 1)	6.15695C(133, 1)	6.48747C(133, 1)	7.53898C(366, 1)
270.0 /	3.89163 (131, 1)	5.11603C(161, 1)	6.85540C(161, 1)	8.18907C(159, 1)	9.30703C(159, 1)
260.0 /	5.77351 (131, 1)	6.98678 (131, 1)	7.34996 (132, 1)	9.88847 (132, 1)	11.01297 (132, 1)
250.0 /	6.97347 (131, 1)	8.56102 (131, 1)	8.87036 (131, 1)	7.98550 (131, 1)	9.37544C(130, 1)
240.0 /	8.72604 (131, 1)	9.68748 (131, 1)	9.59236 (131, 1)	8.68666 (131, 1)	9.73447 (265, 1)
230.0 /	6.65962C(259, 1)	6.78487C(259, 1)	6.42807C(259, 1)	6.36508 (351, 1)	7.28538 (351, 1)
220.0 /	6.02142C(259, 1)	6.02362C(259, 1)	5.42199C(259, 1)	5.82427C(241, 1)	6.05850 (361, 1)
210.0 /	3.44953C(259, 1)	4.59472C(241, 1)	6.27963C(241, 1)	7.76844C(251, 1)	8.48267C(251, 1)
200.0 /	4.07266C(228, 1)	4.63757C(228, 1)	4.71318 (305, 1)	5.93449 (305, 1)	7.00268 (305, 1)
190.0 /	6.98724C(228, 1)	7.53923C(228, 1)	6.24873C(228, 1)	5.10159 (91, 1)	5.23477 (70, 1)
180.0 /	7.82449C(228, 1)	8.34505C(228, 1)	6.95549C(228, 1)	5.30740 (276, 1)	6.94336 (276, 1)
170.0 /	7.06278C(228, 1)	7.63197C(228, 1)	6.31634C(228, 1)	6.32185 (276, 1)	7.69333 (276, 1)
160.0 /	5.53885C(228, 1)	6.12879C(228, 1)	5.09589C(228, 1)	6.22699 (311, 1)	7.79940 (312, 1)
150.0 /	8.01844C(218, 1)	7.55616C(218, 1)	5.98077C(218, 1)	5.96952 (317, 1)	7.25016 (317, 1)
140.0 /	8.89691C(218, 1)	8.35887C(218, 1)	6.47751C(218, 1)	9.05548C(61, 1)	10.31911C(61, 1)
130.0 /	6.80479C(218, 1)	6.41338C(221, 1)	6.44794C(221, 1)	9.11989C(62, 1)	9.33979C(62, 1)
120.0 /	7.17729C(221, 1)	7.55669C(221, 1)	7.41414C(221, 1)	8.03904C(62, 1)	8.22177C(62, 1)
110.0 /	6.12161C(223, 1)	6.22246C(223, 1)	5.52836C(223, 1)	6.44101 (60, 1)	7.84525 (60, 1)
100.0 /	6.01357 (225, 1)	6.14589 (225, 1)	5.64662 (96, 1)	8.25299 (96, 1)	9.64402 (96, 1)
90.0 /	6.71770 (225, 1)	6.97479 (225, 1)	6.50463 (225, 1)	6.06990 (225, 1)	6.38675 (28, 1)
80.0 /	5.37703C(121, 1)	5.35194C(121, 1)	5.03014C(98, 1)	5.06838 (54, 1)	6.10492 (89, 1)
70.0 /	5.10759C(218, 1)	4.98407C(121, 1)	4.92541 (180, 1)	5.84213 (107, 1)	6.05140C(30, 1)
60.0 /	6.51062C(226, 1)	6.04265C(226, 1)	6.85466 (180, 1)	7.61209 (180, 1)	7.64974 (180, 1)
50.0 /	5.60779 (225, 1)	5.87249 (225, 1)	5.28001 (225, 1)	5.48250 (109, 1)	6.35388 (272, 1)
40.0 /	3.30685C(340, 1)	3.83296C(340, 1)	4.74458C(340, 1)	6.23719C(340, 1)	7.53080C(340, 1)
30.0 /	4.85664C(209, 1)	4.69602C(209, 1)	4.12908 (85, 1)	5.37570 (85, 1)	5.74991 (85, 1)
20.0 /	6.04021C(183, 1)	6.32785C(183, 1)	5.43037C(183, 1)	4.05299C(183, 1)	4.56948C(165, 1)
10.0 /	6.20341C(183, 1)	7.09470C(183, 1)	6.95348C(183, 1)	6.38933C(183, 1)	5.68020C(183, 1)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1984 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 12.42574 AND OCCURRED AT (10000.0, 240.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 5000.0	6000.0	7000.0	8000.0	9000.0
360.0 /	8.48797 (129, 1)	8.44166 (129, 1)	8.60987 (119, 1)	9.03144 (119, 1)	9.36757 (119, 1)
350.0 /	9.25444C(194, 1)	8.91169C(194, 1)	8.46735C(194, 1)	7.96952C(194, 1)	7.52070C(194, 1)
340.0 /	8.89622 (127, 1)	8.57860 (127, 1)	8.22889 (127, 1)	7.85785 (127, 1)	7.51878 (127, 1)
330.0 /	6.22135 (128, 1)	5.88062C(203, 1)	6.10108C(203, 1)	6.29069C(203, 1)	6.44727C(203, 1)
320.0 /	9.36959 (128, 1)	8.89453 (128, 1)	8.42652 (128, 1)	7.97782 (128, 1)	7.59947 (128, 1)
310.0 /	10.34647 (128, 1)	10.19168 (128, 1)	9.98670 (128, 1)	9.76631 (128, 1)	9.53636 (128, 1)
300.0 /	11.41204C(140, 1)	11.04001C(140, 1)	10.51803C(140, 1)	9.97698C(140, 1)	9.46668C(140, 1)
290.0 /	7.38873C(140, 1)	6.89359C(140, 1)	6.96011C(366, 1)	7.09722C(366, 1)	7.16498C(366, 1)
280.0 /	8.41244C(366, 1)	9.10126C(366, 1)	9.62227C(366, 1)	9.97713C(366, 1)	10.21342C(366, 1)
270.0 /	9.26289C(159, 1)	9.27679 (217, 1)	9.68710 (217, 1)	9.96221 (217, 1)	10.14901 (217, 1)
260.0 /	11.37711 (132, 1)	11.43785 (132, 1)	11.38948 (132, 1)	11.18759 (132, 1)	10.98256 (132, 1)
250.0 /	10.23163C(130, 1)	10.60773C(130, 1)	10.67739C(130, 1)	10.54361C(130, 1)	10.31661C(130, 1)
240.0 /	10.77559 (265, 1)	11.47411 (265, 1)	11.92847 (265, 1)	12.20926 (265, 1)	12.36438 (265, 1)
230.0 /	8.03375 (351, 1)	8.72269 (351, 1)	9.33937 (351, 1)	9.76881 (351, 1)	10.12788 (351, 1)
220.0 /	6.78585 (361, 1)	7.44659 (361, 1)	8.03345 (361, 1)	8.42494 (361, 1)	8.75128 (361, 1)
210.0 /	8.35289C(251, 1)	7.97369C(251, 1)	7.54279C(251, 1)	7.78443 (264, 1)	8.00222 (264, 1)
200.0 /	7.87030 (305, 1)	8.65249 (305, 1)	9.34177 (305, 1)	9.83188 (305, 1)	10.23843 (305, 1)
190.0 /	5.47184 (70, 1)	5.59048 (70, 1)	5.66392 (70, 1)	5.66188 (70, 1)	5.68555 (270, 1)
180.0 /	7.78350 (276, 1)	8.10503 (276, 1)	8.11132 (276, 1)	8.36331 (270, 1)	8.52913 (270, 1)
170.0 /	8.56239 (276, 1)	9.18566 (276, 1)	9.62301 (276, 1)	9.86980 (276, 1)	10.01229 (276, 1)
160.0 /	8.63057 (311, 1)	9.34293 (311, 1)	9.85829 (311, 1)	10.17482 (311, 1)	10.36511 (311, 1)
150.0 /	7.94184 (317, 1)	8.40042 (317, 1)	8.67091 (317, 1)	8.78922 (317, 1)	8.79918 (317, 1)
140.0 /	10.55431C(61, 1)	10.53563C(61, 1)	10.41360C(61, 1)	10.23438C(61, 1)	10.01991C(61, 1)
130.0 /	8.54423C(62, 1)	7.60052C(62, 1)	6.74506C(62, 1)	6.01908C(62, 1)	5.41401C(62, 1)
120.0 /	7.76319C(62, 1)	7.23895C(62, 1)	6.77522C(62, 1)	6.34673C(62, 1)	6.24991C(61, 1)
110.0 /	8.72672 (60, 1)	9.34952 (60, 1)	9.76567 (60, 1)	9.98617 (60, 1)	10.08798 (60, 1)
100.0 /	10.09251 (96, 1)	10.16347 (96, 1)	10.05628 (96, 1)	9.92962 (115, 1)	9.92246 (115, 1)
90.0 /	7.19758 (28, 1)	7.80489 (28, 1)	8.23589 (28, 1)	8.52103 (28, 1)	8.68917 (28, 1)
80.0 /	6.73255 (89, 1)	7.09357 (89, 1)	7.26109 (89, 1)	7.29353 (89, 1)	7.38109 (54, 1)
70.0 /	6.61198C(30, 1)	7.05495C(30, 1)	7.38624C(30, 1)	7.61790C(30, 1)	7.76415C(30, 1)
60.0 /	7.41841 (180, 1)	7.19125 (180, 1)	7.30740 (108, 1)	7.52794 (108, 1)	7.65191 (108, 1)
50.0 /	6.96740 (272, 1)	7.30024 (272, 1)	7.43452 (272, 1)	7.43379 (272, 1)	7.34365 (272, 1)
40.0 /	8.31561C(340, 1)	8.89347C(340, 1)	9.29683C(340, 1)	9.52378C(340, 1)	9.64040C(340, 1)
30.0 /	5.94090 (124, 1)	6.11236 (124, 1)	6.20193 (124, 1)	6.22337 (124, 1)	6.19022 (124, 1)
20.0 /	5.05618C(18, 1)	5.58406C(18, 1)	6.03048C(18, 1)	6.39650C(18, 1)	6.68796C(18, 1)
10.0 /	5.34952 (233, 1)	5.90741 (233, 1)	6.36600 (233, 1)	6.69753 (233, 1)	6.95208 (233, 1)

SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1984

HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER)
FROM ALL SOURCES
FOR THE RECEPTOR GRID

MAXIMUM VALUE EQUALS 12.42574 AND OCCURRED AT (10000.0, 240.0)

DIRECTION / (DEGREES) /	RANGE (METERS) 10000.0	11000.0	12000.0	13000.0	14000.0
360.0 /	9.63021 (119, 1)	9.79042 (119, 1)	9.90618 (119, 1)	9.98486 (119, 1)	10.03273 (119, 1)
350.0 /	7.12848C(194, 1)	6.78908C(194, 1)	6.49561C(194, 1)	6.24089C(194, 1)	6.01842C(194, 1)
340.0 /	7.21661 (127, 1)	6.93453 (127, 1)	6.91292 (113, 1)	6.94817 (113, 1)	6.96764 (113, 1)
330.0 /	6.56988C(203, 1)	6.60999C(203, 1)	6.62774C(203, 1)	6.62582C(203, 1)	6.60700C(203, 1)
320.0 /	7.28084 (128, 1)	6.99399 (128, 1)	6.86373 (210, 1)	6.77810 (210, 1)	6.67625 (210, 1)
310.0 /	9.29811 (128, 1)	9.00966 (128, 1)	8.72760 (128, 1)	8.45217 (128, 1)	8.18404 (128, 1)
300.0 /	8.99825C(140, 1)	8.66297C(112, 1)	8.62369C(112, 1)	8.57810C(112, 1)	8.52858C(112, 1)
290.0 /	7.17890C(366, 1)	7.10380C(366, 1)	7.00645C(366, 1)	6.89301C(366, 1)	6.76812C(366, 1)
280.0 /	10.35370C(366, 1)	10.35183C(366, 1)	10.30277C(366, 1)	10.21758C(366, 1)	10.10494C(366, 1)
270.0 /	10.26623 (217, 1)	10.26080 (217, 1)	10.22167 (217, 1)	10.15576 (217, 1)	10.06867 (217, 1)
260.0 /	10.78459 (132, 1)	10.58788 (132, 1)	10.40227 (132, 1)	10.22702 (132, 1)	10.06097 (132, 1)
250.0 /	10.04793C(130, 1)	9.73525C(130, 1)	9.42936C(130, 1)	9.13545C(130, 1)	8.85477C(130, 1)
240.0 /	12.42574 (265, 1)	12.33852 (265, 1)	12.21175 (265, 1)	12.05565 (265, 1)	11.87780 (265, 1)
230.0 /	10.42362 (351, 1)	10.62577 (351, 1)	10.78471 (351, 1)	10.90652 (351, 1)	10.99622 (351, 1)
220.0 /	9.02045 (361, 1)	9.22062 (361, 1)	9.38146 (361, 1)	9.50831 (361, 1)	9.60583 (361, 1)
210.0 /	8.13757 (264, 1)	8.14484 (264, 1)	8.11040 (264, 1)	8.04382 (264, 1)	7.95262 (264, 1)
200.0 /	10.57140 (305, 1)	10.80165 (305, 1)	10.98305 (305, 1)	11.12256 (305, 1)	11.22625 (305, 1)
190.0 /	5.74519 (270, 1)	5.73277 (270, 1)	5.69739 (270, 1)	5.64469 (270, 1)	5.57894 (270, 1)
180.0 /	8.60502 (270, 1)	8.55472 (270, 1)	8.46451 (270, 1)	8.34514 (270, 1)	8.20487 (270, 1)
170.0 /	10.07653 (276, 1)	10.03689 (276, 1)	9.96281 (276, 1)	9.86367 (276, 1)	9.74635 (276, 1)
160.0 /	10.45732 (311, 1)	10.42459 (311, 1)	10.34753 (311, 1)	10.23795 (311, 1)	10.10472 (311, 1)
150.0 /	8.72987 (317, 1)	8.55505 (317, 1)	8.35379 (317, 1)	8.13628 (317, 1)	7.90974 (317, 1)
140.0 /	9.78314C(61, 1)	9.48961C(61, 1)	9.19953C(61, 1)	8.91534C(61, 1)	8.63859C(61, 1)
130.0 /	4.91016C(62, 1)	4.49452C(345, 1)	4.41204C(345, 1)	4.34873C(345, 1)	4.29971C(345, 1)
120.0 /	6.44379C(61, 1)	6.60026C(61, 1)	6.72685C(61, 1)	6.82884C(61, 1)	6.91010C(61, 1)
110.0 /	10.10270 (60, 1)	10.01083 (60, 1)	9.88560 (60, 1)	9.73783 (60, 1)	9.57524 (60, 1)
100.0 /	9.87715 (115, 1)	9.76178 (115, 1)	9.63315 (115, 1)	9.49456 (115, 1)	9.34849 (115, 1)
90.0 /	8.76536 (28, 1)	8.71290 (28, 1)	8.61969 (28, 1)	8.49670 (28, 1)	8.35240 (28, 1)
80.0 /	7.48123 (54, 1)	7.51996 (54, 1)	7.53153 (54, 1)	7.52149 (54, 1)	7.49415 (54, 1)
70.0 /	7.83918C(30, 1)	7.80335C(30, 1)	7.73241C(30, 1)	7.63489C(30, 1)	7.51745C(30, 1)
60.0 /	7.70496 (108, 1)	7.68939 (108, 1)	7.64301 (108, 1)	7.57605 (108, 1)	7.49565 (108, 1)
50.0 /	7.19582 (272, 1)	7.03132 (109, 1)	7.14254 (109, 1)	7.23554 (109, 1)	7.31165 (109, 1)
40.0 /	9.67245C(340, 1)	9.59214C(340, 1)	9.47618C(340, 1)	9.33501C(340, 1)	9.17627C(340, 1)
30.0 /	6.11516 (124, 1)	5.97760 (124, 1)	5.82698 (124, 1)	5.66865 (124, 1)	5.60503C(126, 1)
20.0 /	6.91281C(18, 1)	7.02149C(18, 1)	7.08934C(18, 1)	7.12344C(18, 1)	7.12969C(18, 1)
10.0 /	7.14163 (233, 1)	7.23888 (233, 1)	7.29895 (233, 1)	7.32871 (233, 1)	7.33390 (233, 1)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1984 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 10.68288 AND OCCURRED AT (10000.0, 240.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 200.0	400.0	600.0	800.0	1000.0
360.0 /	3.07384 (182, 1)	2.41559 (119, 1)	2.30356 (182, 1)	2.35543 (195, 1)	3.32634C(226, 1)
350.0 /	2.64105C(110, 1)	2.10132C(232, 1)	1.83857C(181, 1)	1.87170 (118, 1)	3.29284 (195, 1)
340.0 /	2.56153C(232, 1)	1.89446C(181, 1)	1.67691 (113, 1)	1.76175 (113, 1)	3.04494 (118, 1)
330.0 /	2.24564C(112, 1)	1.91641C(112, 1)	1.75553C(203, 1)	1.74684C(203, 1)	2.80573C(191, 1)
320.0 /	2.15395C(117, 1)	2.23056C(112, 1)	1.99559 (210, 1)	2.03553 (118, 1)	3.02882C(191, 1)
310.0 /	2.80967C(112, 1)	2.47683C(112, 1)	2.01711C(247, 1)	1.98815C(134, 1)	2.48934C(117, 1)
300.0 /	2.41155C(112, 1)	2.77185C(112, 1)	2.61972C(117, 1)	2.46194C(117, 1)	2.88661C(112, 1)
290.0 /	2.27781 (215, 1)	1.73441C(364, 1)	1.52508 (215, 1)	1.84118C(227, 1)	2.92941C(157, 1)
280.0 /	2.43483 (290, 1)	2.40915C(356, 1)	2.33379C(356, 1)	2.34431C(133, 1)	3.06595C(227, 1)
270.0 /	2.39335C(133, 1)	2.42699C(161, 1)	2.32886C(161, 1)	2.40360C(161, 1)	2.77023C(161, 1)
260.0 /	3.18080 (160, 1)	2.43965C(309, 1)	2.18002C(309, 1)	2.07520C(309, 1)	3.90515 (131, 1)
250.0 /	3.10554 (160, 1)	2.49825C(302, 1)	2.25226C(242, 1)	2.27221C(242, 1)	4.67700 (131, 1)
240.0 /	3.24401C(303, 1)	2.73496 (131, 1)	2.52094 (332, 1)	2.36115 (332, 1)	4.13597C(196, 1)
230.0 /	3.47849C(303, 1)	2.89634 (332, 1)	2.56481 (332, 1)	2.43574 (332, 1)	4.33978 (351, 1)
220.0 /	4.09454 (351, 1)	3.05751 (351, 1)	2.38036C(164, 1)	2.34065C(164, 1)	3.38572 (361, 1)
210.0 /	3.83640 (305, 1)	2.97014 (361, 1)	2.45719 (264, 1)	2.47138 (264, 1)	2.62450 (264, 1)
200.0 /	3.94989 (352, 1)	3.02190 (269, 1)	2.67898 (269, 1)	2.57591 (269, 1)	2.65257 (71, 1)
190.0 /	3.90236 (352, 1)	2.66376 (269, 1)	2.36824 (268, 1)	2.28523 (268, 1)	3.51284C(219, 1)
180.0 /	3.11455C(47, 1)	2.21797 (352, 1)	1.93186 (270, 1)	1.80477C(306, 1)	3.64566C(229, 1)
170.0 /	2.82174 (3, 1)	2.93979 (3, 1)	2.52021 (3, 1)	2.35065 (3, 1)	3.73282C(187, 1)
160.0 /	2.56236C(4, 1)	2.74415C(46, 1)	2.69751C(46, 1)	2.76010C(46, 1)	3.55430C(228, 1)
150.0 /	2.21762C(46, 1)	1.65517 (284, 1)	1.66505 (1, 1)	2.66845 (317, 1)	5.26666C(171, 1)
140.0 /	1.54579C(345, 1)	1.13008 (91, 1)	1.21473C(61, 1)	1.49447C(171, 1)	4.35453C(171, 1)
130.0 /	1.47203 (78, 1)	1.32026C(256, 1)	1.07554 (31, 1)	1.89690C(218, 1)	5.22249C(220, 1)
120.0 /	2.04676C(173, 1)	1.80109C(256, 1)	1.60145C(256, 1)	2.01726C(61, 1)	5.43657C(221, 1)
110.0 /	2.11455C(98, 1)	1.91879C(173, 1)	1.67746C(173, 1)	1.91244 (60, 1)	4.67129C(223, 1)
100.0 /	2.23741C(98, 1)	2.01618C(191, 1)	2.05652C(191, 1)	2.12694C(223, 1)	3.87922 (225, 1)
90.0 /	2.59557C(245, 1)	2.24303C(223, 1)	1.93240C(223, 1)	2.01267C(245, 1)	3.68263C(223, 1)
80.0 /	2.46207C(245, 1)	2.11250 (97, 1)	1.70254 (97, 1)	1.77529C(121, 1)	3.20896 (225, 1)
70.0 /	2.11013 (109, 1)	1.81480C(6, 1)	1.56981 (97, 1)	1.62461C(30, 1)	3.93256C(218, 1)
60.0 /	2.73158 (29, 1)	2.09539 (29, 1)	1.75592C(6, 1)	2.14023 (109, 1)	4.73458C(218, 1)
50.0 /	2.43725C(288, 1)	2.16162C(7, 1)	2.04561C(7, 1)	2.13153 (225, 1)	4.50737 (225, 1)
40.0 /	2.47588 (109, 1)	1.71581 (56, 1)	1.48487 (56, 1)	1.38722 (56, 1)	2.71021 (225, 1)
30.0 /	2.15288 (108, 1)	1.27275 (56, 1)	1.31256C(126, 1)	1.47093C(126, 1)	3.19989C(183, 1)
20.0 /	2.38112C(135, 1)	1.91799C(135, 1)	1.61274C(228, 1)	1.61806C(18, 1)	3.97757C(209, 1)
10.0 /	2.87989C(232, 1)	2.07197C(135, 1)	1.76941C(135, 1)	1.75092 (225, 1)	3.70070C(243, 1)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1984 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 10.68288 AND OCCURRED AT (10000.0, 240.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 1200.0	1500.0	2000.0	3000.0	4000.0
360.0 /	4.09054 (195, 1)	4.92911C(226, 1)	5.34623C(226, 1)	5.76811 (124, 1)	6.50694 (119, 1)
350.0 /	3.87394C(191, 1)	4.25097C(226, 1)	5.61330C(194, 1)	7.08831C(110, 1)	7.20427C(201, 1)
340.0 /	3.76320C(237, 1)	4.90261 (127, 1)	6.89628C(117, 1)	7.38750C(117, 1)	6.35044C(117, 1)
330.0 /	3.83102C(204, 1)	4.19240C(117, 1)	5.66673 (128, 1)	6.06988C(117, 1)	5.80462C(117, 1)
320.0 /	4.23094C(242, 1)	5.11077 (118, 1)	6.03357C(204, 1)	6.53340 (118, 1)	6.74940 (118, 1)
310.0 /	3.35617C(191, 1)	3.65337C(191, 1)	4.46287C(158, 1)	5.33983C(158, 1)	5.85716 (142, 1)
300.0 /	3.31622C(227, 1)	4.53837C(157, 1)	4.85873C(198, 1)	7.12115C(198, 1)	6.90435C(198, 1)
290.0 /	4.41901C(227, 1)	4.85449C(157, 1)	4.24658C(140, 1)	5.45709C(141, 1)	6.22113C(141, 1)
280.0 /	3.71620C(133, 1)	4.89219C(157, 1)	5.10434 (160, 1)	6.42692 (160, 1)	6.37350C(133, 1)
270.0 /	3.73090C(196, 1)	4.23594 (131, 1)	5.39832C(159, 1)	8.04184C(161, 1)	8.08023C(161, 1)
260.0 /	5.46836C(196, 1)	5.47132 (132, 1)	7.07305 (131, 1)	7.28421C(134, 1)	8.06084C(159, 1)
250.0 /	6.17397C(196, 1)	5.97040C(196, 1)	5.49073C(196, 1)	7.76083C(130, 1)	7.18706 (265, 1)
240.0 /	4.85231C(196, 1)	4.71295C(259, 1)	6.28360 (267, 1)	8.13758 (267, 1)	9.20173 (267, 1)
230.0 /	4.47268 (351, 1)	4.73438 (351, 1)	5.31984 (351, 1)	5.77284C(259, 1)	5.91281 (138, 1)
220.0 /	3.45132 (361, 1)	3.74451C(189, 1)	4.95412C(241, 1)	5.52874 (138, 1)	5.78576 (137, 1)
210.0 /	2.76580C(241, 1)	3.75869C(251, 1)	5.65061C(251, 1)	7.05388C(241, 1)	6.92122C(241, 1)
200.0 /	3.73582 (305, 1)	4.04144 (305, 1)	4.04725 (252, 1)	5.38192 (71, 1)	6.53440 (71, 1)
190.0 /	4.25782C(219, 1)	4.26902C(219, 1)	4.14514 (91, 1)	4.94128 (152, 1)	5.11724 (312, 1)
180.0 /	4.28809C(192, 1)	4.97130C(192, 1)	4.89709C(192, 1)	5.01831C(228, 1)	6.27570 (270, 1)
170.0 /	4.42004C(221, 1)	4.57449C(192, 1)	4.71187 (276, 1)	6.19948 (63, 1)	6.76250 (63, 1)
160.0 /	4.82485C(171, 1)	4.31280C(154, 1)	4.63039C(154, 1)	6.15794 (312, 1)	7.68942 (311, 1)
150.0 /	6.20382C(171, 1)	5.54922C(171, 1)	4.51284 (317, 1)	5.74592C(61, 1)	6.52461 (38, 1)
140.0 /	5.29197C(171, 1)	4.92377C(155, 1)	6.12497C(61, 1)	5.94031 (136, 1)	5.49727 (136, 1)
130.0 /	6.26831C(220, 1)	6.29262C(218, 1)	6.06099C(62, 1)	6.47662C(221, 1)	6.24118C(221, 1)
120.0 /	6.68449C(220, 1)	6.14813C(220, 1)	5.75826C(62, 1)	7.02564C(221, 1)	6.39178C(221, 1)
110.0 /	5.65487C(220, 1)	5.54168C(221, 1)	4.99879 (172, 1)	5.87247 (172, 1)	5.91692C(155, 1)
100.0 /	5.99789C(223, 1)	6.13727C(223, 1)	5.60078 (115, 1)	7.59913 (115, 1)	8.83839 (115, 1)
90.0 /	4.57107C(223, 1)	4.81596C(223, 1)	4.48436C(223, 1)	5.06940 (28, 1)	5.59202 (5, 1)
80.0 /	5.13307 (225, 1)	5.31681 (225, 1)	4.64624 (225, 1)	5.05361 (89, 1)	5.72956 (54, 1)
70.0 /	4.92342C(121, 1)	4.96378C(218, 1)	4.81215 (107, 1)	5.51852 (180, 1)	5.98926 (107, 1)
60.0 /	5.71131C(218, 1)	6.01469 (180, 1)	5.05351C(226, 1)	4.70707C(231, 1)	5.56772 (108, 1)
50.0 /	5.32490C(226, 1)	4.88575C(226, 1)	4.58572 (109, 1)	5.29009 (272, 1)	5.71654 (109, 1)
40.0 /	3.26976 (225, 1)	3.47461C(242, 1)	3.55133 (180, 1)	4.59095 (224, 1)	4.90297 (224, 1)
30.0 /	4.50960C(183, 1)	4.56085C(183, 1)	4.02864 (124, 1)	5.07857 (124, 1)	5.66707 (124, 1)
20.0 /	5.80224C(243, 1)	5.76048C(243, 1)	4.85478C(243, 1)	3.88172C(243, 1)	4.45451C(18, 1)
10.0 /	5.58333C(243, 1)	5.61281C(243, 1)	4.69537C(243, 1)	5.02168 (123, 1)	5.21170 (123, 1)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1984 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 10.68288 AND OCCURRED AT (10000.0, 240.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 5000.0	6000.0	7000.0	8000.0	9000.0
360.0 /	7.31151 (119, 1)	8.01237 (119, 1)	8.35264 (129, 1)	8.24491 (129, 1)	8.12677 (129, 1)
350.0 /	6.86530C(201, 1)	6.52711C(201, 1)	6.26078C(201, 1)	6.05182C(201, 1)	6.02488 (65, 1)
340.0 /	5.65642 (113, 1)	5.98511 (113, 1)	6.26514 (113, 1)	6.47255 (113, 1)	6.64515 (113, 1)
330.0 /	5.63321C(203, 1)	5.73609 (128, 1)	5.28897 (128, 1)	4.99390 (80, 1)	4.95267 (80, 1)
320.0 /	6.72541 (118, 1)	6.63955 (118, 1)	6.54187 (118, 1)	6.74108 (210, 1)	6.88465 (210, 1)
310.0 /	6.57641 (142, 1)	7.08790 (142, 1)	7.44151 (142, 1)	7.67784 (142, 1)	7.82666 (142, 1)
300.0 /	7.64744C(112, 1)	8.14742C(112, 1)	8.47337C(112, 1)	8.60961C(112, 1)	8.67266C(112, 1)
290.0 /	6.56907C(141, 1)	6.77180C(141, 1)	6.86682C(141, 1)	6.88168C(141, 1)	6.83900C(141, 1)
280.0 /	6.43863C(213, 1)	6.82258C(213, 1)	7.04176C(213, 1)	7.16484C(213, 1)	7.26446 (290, 1)
270.0 /	8.69924 (217, 1)	8.81107C(159, 1)	8.27441C(159, 1)	8.25971C(161, 1)	8.37723C(161, 1)
260.0 /	8.06895C(159, 1)	7.72802C(159, 1)	7.27974C(159, 1)	6.78999C(159, 1)	6.34139C(159, 1)
250.0 /	7.14186 (265, 1)	7.58498 (331, 1)	8.10869 (331, 1)	8.48942 (331, 1)	8.74975 (331, 1)
240.0 /	9.76967 (267, 1)	10.17027 (267, 1)	10.45510 (267, 1)	10.60076 (267, 1)	10.67172 (267, 1)
230.0 /	6.07123 (262, 1)	6.48734 (262, 1)	6.71661 (262, 1)	6.82174 (262, 1)	6.84719 (262, 1)
220.0 /	5.61677 (137, 1)	5.61539 (70, 1)	5.57396 (70, 1)	5.46224 (70, 1)	5.39822C(349, 1)
210.0 /	6.74817 (313, 1)	7.03324 (264, 1)	7.46724 (264, 1)	7.12378C(251, 1)	6.73475C(251, 1)
200.0 /	7.37326 (71, 1)	8.06765 (71, 1)	8.62824 (71, 1)	8.99593 (71, 1)	9.26722 (71, 1)
190.0 /	5.46150 (312, 1)	5.56833 (312, 1)	5.56601 (312, 1)	5.57755 (270, 1)	5.64804 (70, 1)
180.0 /	7.06663 (270, 1)	7.66069 (270, 1)	8.08317 (270, 1)	7.94839 (276, 1)	7.70789 (276, 1)
170.0 /	6.71911 (63, 1)	6.46358 (63, 1)	6.14267 (63, 1)	5.86799 (2, 1)	5.90884 (2, 1)
160.0 /	8.60388 (312, 1)	8.98095 (312, 1)	9.09910 (312, 1)	9.07003 (312, 1)	8.95907 (312, 1)
150.0 /	7.33430 (38, 1)	7.83635 (38, 1)	8.12123 (38, 1)	8.22576 (38, 1)	8.24083 (38, 1)
140.0 /	5.03541 (91, 1)	5.46658 (91, 1)	5.78998 (91, 1)	5.99271 (91, 1)	6.12420 (91, 1)
130.0 /	6.13894 (317, 1)	5.79357 (317, 1)	5.36227 (317, 1)	4.94398 (317, 1)	4.74554C(345, 1)
120.0 /	5.63344C(221, 1)	5.29413C(6, 1)	5.71156C(61, 1)	6.00962C(61, 1)	5.98520C(62, 1)
110.0 /	5.92733 (5, 1)	6.50790 (5, 1)	6.96074 (5, 1)	7.26509 (5, 1)	7.47861 (5, 1)
100.0 /	9.39902 (115, 1)	9.70841 (115, 1)	9.88372 (115, 1)	9.85997 (96, 1)	9.61976 (96, 1)
90.0 /	6.03272 (5, 1)	6.21233 (5, 1)	6.23853 (5, 1)	6.17610 (5, 1)	6.06505 (5, 1)
80.0 /	6.25803C(6, 1)	6.68290C(6, 1)	7.02486 (54, 1)	7.23230 (54, 1)	7.23399 (89, 1)
70.0 /	5.81001 (107, 1)	5.60029 (107, 1)	5.40717 (107, 1)	5.23408 (107, 1)	5.07607 (107, 1)
60.0 /	6.32788 (108, 1)	6.89808 (108, 1)	7.01585 (180, 1)	6.85582 (180, 1)	6.72497 (180, 1)
50.0 /	5.89732 (109, 1)	6.12947 (109, 1)	6.39941 (109, 1)	6.57471 (109, 1)	6.74522 (109, 1)
40.0 /	5.16270 (88, 1)	5.34414 (88, 1)	5.35267 (88, 1)	5.25119 (88, 1)	5.08389 (88, 1)
30.0 /	5.72929 (85, 1)	5.63713 (85, 1)	5.54884 (85, 1)	5.45998 (85, 1)	5.55108C(126, 1)
20.0 /	5.02708C(165, 1)	5.26407C(165, 1)	5.34712C(165, 1)	5.33392C(165, 1)	5.26573C(165, 1)
10.0 /	5.07749C(183, 1)	4.84435C(248, 1)	4.66716C(135, 1)	4.63339C(135, 1)	4.61177C(135, 1)

SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1984

SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER)
FROM ALL SOURCES
FOR THE RECEPTOR GRID

MAXIMUM VALUE EQUALS 10.68288 AND OCCURRED AT (10000.0, 240.0)

DIRECTION / (DEGREES) /	RANGE (METERS) 10000.0	11000.0	12000.0	13000.0	14000.0
360.0 /	7.99979 (129, 1)	7.82050 (129, 1)	7.64083 (129, 1)	7.46120 (129, 1)	7.28245 (129, 1)
350.0 /	6.10316 (65, 1)	6.08856 (65, 1)	6.03954 (65, 1)	5.96538 (65, 1)	5.87312 (65, 1)
340.0 /	6.78558 (113, 1)	6.85961 (113, 1)	6.68455 (127, 1)	6.46065 (127, 1)	6.25759 (127, 1)
330.0 /	4.93790 (257, 1)	5.04812 (257, 1)	5.14555 (257, 1)	5.23228 (257, 1)	5.30960 (257, 1)
320.0 /	6.95582 (210, 1)	6.92623 (210, 1)	6.74406 (128, 1)	6.52166 (128, 1)	6.32027 (128, 1)
310.0 /	7.90913 (142, 1)	7.88515 (142, 1)	7.83150 (142, 1)	7.75604 (142, 1)	7.66450 (142, 1)
300.0 /	8.69121C(112, 1)	8.53694C(140, 1)	8.11987C(140, 1)	7.74119C(140, 1)	7.39588C(140, 1)
290.0 /	6.75600C(141, 1)	6.60965C(141, 1)	6.45264C(141, 1)	6.29044C(141, 1)	6.12654C(141, 1)
280.0 /	7.48077 (290, 1)	7.61758 (290, 1)	7.71879 (290, 1)	7.79004 (290, 1)	7.83605 (290, 1)
270.0 /	8.48147C(161, 1)	8.53256C(161, 1)	8.56463C(161, 1)	8.57802C(161, 1)	8.57439C(161, 1)
260.0 /	5.94786C(159, 1)	5.60749C(159, 1)	5.31767C(159, 1)	5.07110C(159, 1)	4.86042C(159, 1)
250.0 /	8.91101 (331, 1)	8.93102 (331, 1)	8.90056 (331, 1)	8.83150 (331, 1)	8.73310 (331, 1)
240.0 /	10.68288 (267, 1)	10.59962 (267, 1)	10.49047 (267, 1)	10.36196 (267, 1)	10.21900 (267, 1)
230.0 /	6.82208 (262, 1)	6.72669 (262, 1)	6.61755 (262, 1)	6.50077 (262, 1)	6.37979 (262, 1)
220.0 /	5.59703C(349, 1)	5.72823C(349, 1)	5.83089C(349, 1)	5.90883C(349, 1)	5.96555C(349, 1)
210.0 /	6.75569 (331, 1)	6.88802 (331, 1)	6.99435 (331, 1)	7.07829 (331, 1)	7.14295 (331, 1)
200.0 /	9.45992 (71, 1)	9.55325 (71, 1)	9.60334 (71, 1)	9.61869 (71, 1)	9.60626 (71, 1)
190.0 /	5.62346 (70, 1)	5.57314 (70, 1)	5.51651 (70, 1)	5.45427 (70, 1)	5.38718 (70, 1)
180.0 /	7.66080 (3, 1)	7.74735 (3, 1)	7.79492 (3, 1)	7.81102 (3, 1)	7.80188 (3, 1)
170.0 /	5.91111C(47, 1)	6.02213C(47, 1)	6.11954C(47, 1)	6.20253C(47, 1)	6.27151C(47, 1)
160.0 /	8.80087 (312, 1)	8.57086 (312, 1)	8.33421 (312, 1)	8.09586 (312, 1)	7.85901 (312, 1)
150.0 /	8.20088 (38, 1)	8.09920 (38, 1)	7.98372 (38, 1)	7.86084 (38, 1)	7.73427 (38, 1)
140.0 /	6.19972 (91, 1)	6.20332 (91, 1)	6.18024 (91, 1)	6.13692 (91, 1)	6.07841 (91, 1)
130.0 /	4.60277C(345, 1)	4.48786C(62, 1)	4.13064C(62, 1)	3.94839 (287, 1)	3.83367 (287, 1)
120.0 /	5.68119C(62, 1)	5.42532C(62, 1)	5.20931C(62, 1)	5.12359C(69, 1)	5.13289C(69, 1)
110.0 /	7.61880 (5, 1)	7.66481 (5, 1)	7.67304 (5, 1)	7.65191 (5, 1)	7.60808 (5, 1)
100.0 /	9.35749 (96, 1)	9.04695 (96, 1)	8.74305 (96, 1)	8.44812 (96, 1)	8.16316 (96, 1)
90.0 /	6.05237 (36, 1)	6.12404 (97, 1)	6.19415 (97, 1)	6.23852 (97, 1)	6.26192 (97, 1)
80.0 /	7.11321 (89, 1)	6.92210 (89, 1)	6.77981C(6, 1)	6.64547C(6, 1)	6.50410C(6, 1)
70.0 /	4.92834 (107, 1)	4.77183C(175, 1)	4.77323C(175, 1)	4.76336C(175, 1)	4.74389C(175, 1)
60.0 /	6.89279 (109, 1)	7.07657 (109, 1)	7.23242 (109, 1)	7.36272 (109, 1)	7.46989 (109, 1)
50.0 /	6.90113 (109, 1)	6.98172 (272, 1)	6.75608 (272, 1)	6.52681 (272, 1)	6.29892 (272, 1)
40.0 /	4.88034 (88, 1)	4.64740 (88, 1)	4.59376 (174, 1)	4.56174 (174, 1)	4.51524 (174, 1)
30.0 /	5.63218C(126, 1)	5.65488C(126, 1)	5.65461C(126, 1)	5.63665C(126, 1)	5.50654 (124, 1)
20.0 /	5.16896C(165, 1)	5.03414C(165, 1)	4.89891C(165, 1)	4.76737C(165, 1)	4.64123C(165, 1)
10.0 /	4.60086C(135, 1)	4.59786C(135, 1)	4.60045C(135, 1)	4.60681C(135, 1)	4.61544C(135, 1)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1984 ***

* 50 MAXIMUM 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM ALL SOURCES *

RANK	CON.	PER.	DAY	X OR RANGE (METERS)	Y(METERS) OR DIRECTION (DEGREES)	RANK	CON.	PER.	DAY	X OR RANGE (METERS)	Y(METERS) OR DIRECTION (DEGREES)
1	12.42574	1	265	10000.0	240.0	26	10.78459	1	132	10000.0	260.0
2	12.36438	1	265	9000.0	240.0	27	10.77559	1	265	5000.0	240.0
3	12.33852	1	265	11000.0	240.0	28	10.68288	1	267	10000.0	240.0
4	12.21175	1	265	12000.0	240.0	29	10.67739C	1	130	7000.0	250.0
5	12.20926	1	265	8000.0	240.0	30	10.67172	1	267	9000.0	240.0
6	12.05565	1	265	13000.0	240.0	31	10.62577	1	351	11000.0	230.0
7	11.92847	1	265	7000.0	240.0	32	10.60773C	1	130	6000.0	250.0
8	11.87780	1	265	14000.0	240.0	33	10.60076	1	267	8000.0	240.0
9	11.47411	1	265	6000.0	240.0	34	10.59962	1	267	11000.0	240.0
10	11.43785	1	132	6000.0	260.0	35	10.58788	1	132	11000.0	260.0
11	11.41204C	1	140	5000.0	300.0	36	10.57140	1	305	10000.0	200.0
12	11.38948	1	132	7000.0	260.0	37	10.55431C	1	61	5000.0	140.0
13	11.37711	1	132	5000.0	260.0	38	10.54361C	1	130	8000.0	250.0
14	11.33310C	1	140	4000.0	300.0	39	10.53563C	1	61	6000.0	140.0
15	11.22625	1	305	14000.0	200.0	40	10.51803C	1	140	7000.0	300.0
16	11.18759	1	132	8000.0	260.0	41	10.49047	1	267	12000.0	240.0
17	11.12256	1	305	13000.0	200.0	42	10.45732	1	311	10000.0	160.0
18	11.04001C	1	140	6000.0	300.0	43	10.45510	1	267	7000.0	240.0
19	11.01297	1	132	4000.0	260.0	44	10.42459	1	311	11000.0	160.0
20	10.99622	1	351	14000.0	230.0	45	10.42362	1	351	10000.0	230.0
21	10.98305	1	305	12000.0	200.0	46	10.41360C	1	61	7000.0	140.0
22	10.98256	1	132	9000.0	260.0	47	10.40227	1	132	12000.0	260.0
23	10.90652	1	351	13000.0	230.0	48	10.36511	1	311	9000.0	160.0
24	10.80165	1	305	11000.0	200.0	49	10.36196	1	267	13000.0	240.0
25	10.78471	1	351	12000.0	230.0	50	10.35370C	1	366	10000.0	280.0

RUN ENDED ON 09-26-87 AT 09:55:24

ISCST (DATED 86322)
AN AIR QUALITY DISPERSION MODEL IN
SECTION 1. GUIDELINE MODELS
IN UNAMAP (VERSION 6) JULY 86.
SOURCE: FILE 6 ON UNAMAP MAGNETIC TAPE FROM NTIS.

IBM-PC VERSION (1.40)
(C) COPYRIGHT 1986, TRINITY CONSULTANTS, INC.
SERIAL NUMBER 5056 SOLD TO BLACK & VEATCH
RUN BEGAN ON 09-26-87 AT 09:55:28

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1985 ***

CALCULATE (CONCENTRATION=1,DEPOSITION=2)	ISW(1) = 1
RECEPTOR GRID SYSTEM (RECTANGULAR=1 OR 3, POLAR=2 OR 4)	ISW(2) = 4
DISCRETE RECEPTOR SYSTEM (RECTANGULAR=1,POLAR=2)	ISW(3) = 1
TERRAIN ELEVATIONS ARE READ (YES=1,NO=0)	ISW(4) = 0
CALCULATIONS ARE WRITTEN TO TAPE (YES=1,NO=0)	ISW(5) = 0
LIST ALL INPUT DATA (NO=0,YES=1,MET DATA ALSO=2)	ISW(6) = 1
COMPUTE AVERAGE CONCENTRATION (OR TOTAL DEPOSITION)	
WITH THE FOLLOWING TIME PERIODS:	
HOURLY (YES=1,NO=0)	ISW(7) = 0
2-HOUR (YES=1,NO=0)	ISW(8) = 0
3-HOUR (YES=1,NO=0)	ISW(9) = 1
4-HOUR (YES=1,NO=0)	ISW(10) = 0
6-HOUR (YES=1,NO=0)	ISW(11) = 0
8-HOUR (YES=1,NO=0)	ISW(12) = 0
12-HOUR (YES=1,NO=0)	ISW(13) = 0
24-HOUR (YES=1,NO=0)	ISW(14) = 1
PRINT 'N'-DAY TABLE(S) (YES=1,NO=0)	ISW(15) = 1
PRINT THE FOLLOWING TYPES OF TABLES WHOSE TIME PERIODS ARE	
SPECIFIED BY ISW(7) THROUGH ISW(14):	
DAILY TABLES (YES=1,NO=0)	ISW(16) = 0
HIGHEST & SECOND HIGHEST TABLES (YES=1,NO=0)	ISW(17) = 1
MAXIMUM 50 TABLES (YES=1,NO=0)	ISW(18) = 1
METEOROLOGICAL DATA INPUT METHOD (PRE-PROCESSED=1,CARD=2)	ISW(19) = 1
RURAL-URBAN OPTION (RU.=0,UR. MODE 1=1,UR. MODE 2=2,UR. MODE 3=3)	ISW(20) = 0
WIND PROFILE EXPONENT VALUES (DEFAULTS=1,USER ENTERS=2,3)	ISW(21) = 1
VERTICAL POT. TEMP. GRADIENT VALUES (DEFAULTS=1,USER ENTERS=2,3)	ISW(22) = 1
SCALE EMISSION RATES FOR ALL SOURCES (NO=0,YES>0)	ISW(23) = 0
PROGRAM CALCULATES FINAL PLUME RISE ONLY (YES=1,NO=2)	ISW(24) = 1
PROGRAM ADJUSTS ALL STACK HEIGHTS FOR DOWNWASH (YES=2,NO=1)	ISW(25) = 2
PROGRAM USES BUOYANCY INDUCED DISPERSION (YES=1,NO=2)	ISW(26) = 1
CONCENTRATIONS DURING CALM PERIODS SET = 0 (YES=1,NO=2)	ISW(27) = 1
REG. DEFAULT OPTION CHOSEN (YES=1,NO=2)	ISW(28) = 1
TYPE OF POLLUTANT TO BE MODELLED (1=SO2,2=OTHER)	ISW(29) = 1
DEBUG OPTION CHOSEN (1=YES,2=NO)	ISW(30) = 2
NUMBER OF INPUT SOURCES	NSOURC = 1
NUMBER OF SOURCE GROUPS (=0,ALL SOURCES)	NGROUP = 0
TIME PERIOD INTERVAL TO BE PRINTED (=0,ALL INTERVALS)	IPERD = 0
NUMBER OF X (RANGE) GRID VALUES	NXPNTS = 20
NUMBER OF Y (THETA) GRID VALUES	NYPNTS = 36
NUMBER OF DISCRETE RECEPTORS	NXNYPT = 0
SOURCE EMISSION RATE UNITS CONVERSION FACTOR	TK=.10000E+07
HEIGHT ABOVE GROUND AT WHICH WIND SPEED WAS MEASURED	ZR = 10.00 METERS
LOGICAL UNIT NUMBER OF METEOROLOGICAL DATA	IMET = 9
DECAY COEFFICIENT FOR PHYSICAL OR CHEMICAL DEPLETION	DECAY = .000000E+00
SURFACE STATION NO.	ISS = 12815
YEAR OF SURFACE DATA	ISY = 85
UPPER AIR STATION NO.	IUS = 12842
YEAR OF UPPER AIR DATA	IUY = 85
ALLOCATED DATA STORAGE	LIMIT = 43500 WORDS
REQUIRED DATA STORAGE FOR THIS PROBLEM RUN	MIMIT = 9937 WORDS

*** SO2 IMPACT-FOUR GF ON OIL-65ppm NOx-MODELED AS 1 STACK-1985 ***

*** METEOROLOGICAL DAYS TO BE PROCESSED ***
(IF=1)

```
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1
```

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** WIND PROFILE EXPONENTS ***

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

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1985 ***

X,Y-COORDINATES OF THE CENTER OF THE POLAR RECEPTOR GRID (METERS) = (0., 0.)

*** RANGES OF POLAR GRID SYSTEM ***
(METERS)

200.0,	400.0,	600.0,	800.0,	1000.0,	1200.0,	1500.0,	2000.0,	3000.0,	4000.0,
5000.0,	6000.0,	7000.0,	8000.0,	9000.0,	10000.0,	11000.0,	12000.0,	13000.0,	14000.0,

*** RADIAL ANGLES OF POLAR GRID SYSTEM ***

(DEGREES)

10.0,	20.0,	30.0,	40.0,	50.0,	60.0,	70.0,	80.0,	90.0,	100.0,
110.0,	120.0,	130.0,	140.0,	150.0,	160.0,	170.0,	180.0,	190.0,	200.0,
210.0,	220.0,	230.0,	240.0,	250.0,	260.0,	270.0,	280.0,	290.0,	300.0,
310.0,	320.0,	330.0,	340.0,	350.0,	360.0,				

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1985 ***

*** SOURCE DATA ***

SOURCE NUMBER	T Y P E	W A K E	NUMBER PART. CATS.	EMISSION RATE TYPE=0,1 (GRAMS/SEC) TYPE=2 #PER METER**2	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	HEIGHT (METERS)	TEMP. TYPE=0 (DEG.K); VERT.DIM TYPE=1 (METERS)	EXIT VEL. TYPE=0 (M/SEC); HORZ.DIM TYPE=1,2 (METERS)	DIAMETER TYPE=0 (METERS)	BLDG. HEIGHT TYPE=0 (METERS)	BLDG. LENGTH TYPE=0 (METERS)	BLDG. WIDTH TYPE=0 (METERS)
1	0	0	0	.19176E+03	.0	.0	.0	10.97	812.59	29.51	3.77	.00	.00	.00

* CALM HOURS (=1) FOR DAY	7	*	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	8	*	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	9	*	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
* CALM HOURS (=1) FOR DAY	10	*	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY	11	*	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	13	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
* CALM HOURS (=1) FOR DAY	14	*	1	1	1	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	19	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY	20	*	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	24	*	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	26	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY	27	*	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
* CALM HOURS (=1) FOR DAY	28	*	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	30	*	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	36	*	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	37	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY	45	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	47	*	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
* CALM HOURS (=1) FOR DAY	48	*	0	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1
* CALM HOURS (=1) FOR DAY	49	*	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	50	*	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	51	*	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	55	*	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	56	*	0	1	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	57	*	0	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	58	*	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY	60	*	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	61	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
* CALM HOURS (=1) FOR DAY	63	*	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	64	*	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	65	*	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	67	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY	68	*	0	1	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	69	*	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY	70	*	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY	72	*	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
* CALM HOURS (=1) FOR DAY	73	*	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	78	*	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	79	*	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	86	*	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	87	*	0	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	88	*	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	90	*	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	94	*	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	95	*	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	97	*	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	98	*	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	104	*	1	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

BEST AVAILABLE COPY

```
* CALM HOURS (=1) FOR DAY 107 *  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 117 *  0  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 133 *  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 134 *  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 135 *  0  1  0  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1
* CALM HOURS (=1) FOR DAY 136 *  0  1  0  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 139 *  0  0  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 142 *  0  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 147 *  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 148 *  1  0  1  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 150 *  0  1  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 151 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0
* CALM HOURS (=1) FOR DAY 154 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 155 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 156 *  0  0  0  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 157 *  0  1  1  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 158 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1
* CALM HOURS (=1) FOR DAY 160 *  1  0  0  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0
* CALM HOURS (=1) FOR DAY 163 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0
* CALM HOURS (=1) FOR DAY 165 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  1
* CALM HOURS (=1) FOR DAY 168 *  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0
* CALM HOURS (=1) FOR DAY 169 *  1  1  0  0  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 170 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0
* CALM HOURS (=1) FOR DAY 171 *  0  0  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0  0
* CALM HOURS (=1) FOR DAY 175 *  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 176 *  1  1  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 179 *  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 182 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0  0
* CALM HOURS (=1) FOR DAY 183 *  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 185 *  0  0  1  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 187 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  1
* CALM HOURS (=1) FOR DAY 188 *  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 191 *  0  0  0  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 193 *  0  0  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1
* CALM HOURS (=1) FOR DAY 194 *  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0
* CALM HOURS (=1) FOR DAY 195 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1
* CALM HOURS (=1) FOR DAY 196 *  1  1  0  0  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1
* CALM HOURS (=1) FOR DAY 197 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1
* CALM HOURS (=1) FOR DAY 199 *  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 200 *  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 201 *  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 211 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  0
* CALM HOURS (=1) FOR DAY 212 *  0  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 213 *  0  0  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0
* CALM HOURS (=1) FOR DAY 214 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0  0
* CALM HOURS (=1) FOR DAY 215 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 218 *  0  0  1  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 222 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0  0  1
* CALM HOURS (=1) FOR DAY 223 *  0  1  0  0  0  1  1  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 224 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0  0
* CALM HOURS (=1) FOR DAY 226 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1
* CALM HOURS (=1) FOR DAY 228 *  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0  1
* CALM HOURS (=1) FOR DAY 230 *  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 231 *  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 232 *  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 233 *  0  0  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 234 *  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1
* CALM HOURS (=1) FOR DAY 235 *  0  1  0  1  1  0  0  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 236 *  0  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 238 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0  0
* CALM HOURS (=1) FOR DAY 239 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1
* CALM HOURS (=1) FOR DAY 240 *  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 249 *  0  1  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 250 *  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0
* CALM HOURS (=1) FOR DAY 251 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1
```

BEST AVAILABLE COPY

* CALM HOURS (=1) FOR DAY 253 *	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 254 *	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 255 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY 265 *	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 266 *	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY 267 *	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY 268 *	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 271 *	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 288 *	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 289 *	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 293 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
* CALM HOURS (=1) FOR DAY 307 *	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 311 *	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 312 *	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 316 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
* CALM HOURS (=1) FOR DAY 317 *	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 320 *	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY 321 *	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 328 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
* CALM HOURS (=1) FOR DAY 330 *	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY 331 *	0	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 332 *	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 335 *	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 345 *	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 357 *	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 358 *	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 360 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
* CALM HOURS (=1) FOR DAY 361 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
* CALM HOURS (=1) FOR DAY 362 *	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
* CALM HOURS (=1) FOR DAY 364 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1985 ***

* 365-DAY AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS .90746 AND OCCURRED AT (7000.0, 240.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 200.0	400.0	600.0	800.0	1000.0	1200.0	1500.0	2000.0	3000.0
360.0 /	.28786	.25696	.21257	.21036	.25501	.31846	.45060	.58372	.72867
350.0 /	.26791	.22680	.17925	.17860	.22211	.27629	.38531	.49320	.60490
340.0 /	.24049	.19120	.14986	.15103	.19165	.23819	.32892	.41610	.50393
330.0 /	.23037	.18085	.14060	.13717	.17163	.21243	.29208	.37068	.45280
320.0 /	.23490	.19829	.16150	.15984	.19540	.23496	.30869	.38310	.46293
310.0 /	.23637	.20301	.16183	.15941	.19777	.23969	.31750	.39458	.47456
300.0 /	.22951	.19251	.15504	.15810	.20213	.24858	.33665	.42268	.51788
290.0 /	.23104	.18654	.14270	.14406	.18655	.23131	.32080	.40713	.50539
280.0 /	.25938	.21749	.17310	.17347	.21554	.26365	.36527	.46903	.59266
270.0 /	.31262	.25802	.21152	.20898	.24955	.30447	.42961	.55726	.70266
260.0 /	.37677	.27520	.20999	.19771	.23335	.29137	.43093	.57285	.73406
250.0 /	.44719	.32229	.24807	.23007	.25943	.31205	.44695	.58438	.73913
240.0 /	.51429	.38985	.31455	.29487	.31923	.36395	.48330	.61100	.75985
230.0 /	.56194	.40979	.32072	.29719	.31787	.35611	.45601	.56709	.69859
220.0 /	.58248	.42184	.32756	.29868	.31552	.34563	.42441	.51549	.63343
210.0 /	.57317	.41145	.32082	.30053	.32978	.35976	.41677	.48549	.58463
200.0 /	.53776	.37686	.29472	.28481	.32697	.35833	.40043	.44684	.51325
190.0 /	.48798	.34250	.26460	.25663	.30270	.33734	.38028	.42615	.48933
180.0 /	.43348	.31523	.25299	.24702	.28827	.32394	.37571	.43043	.50119
170.0 /	.37073	.25904	.19729	.18321	.21122	.24379	.29855	.35220	.41089
160.0 /	.30496	.21101	.16974	.16409	.19481	.23358	.30079	.37003	.44590
150.0 /	.24831	.17098	.13170	.12534	.15825	.20140	.27893	.35819	.43795
140.0 /	.21062	.14913	.11814	.11950	.16368	.21841	.31580	.41895	.52919
130.0 /	.19472	.14095	.11073	.11445	.16248	.22222	.33038	.44179	.56493
120.0 /	.18963	.15121	.11724	.11742	.16114	.21865	.33126	.44469	.56688
110.0 /	.18315	.16792	.14405	.15014	.19473	.25177	.36757	.48517	.61059
100.0 /	.17648	.14793	.11550	.11344	.14659	.19322	.29192	.38465	.47746
90.0 /	.17972	.14515	.11769	.11667	.14592	.18602	.27184	.35644	.44813
80.0 /	.20056	.15653	.12361	.12134	.15046	.18739	.26264	.33615	.41668
70.0 /	.22519	.18531	.15155	.15038	.18409	.22558	.30311	.37715	.44995
60.0 /	.23575	.19327	.15749	.15398	.18796	.23530	.32519	.41441	.50951
50.0 /	.23338	.16965	.13047	.12347	.15412	.20262	.29477	.38131	.47311
40.0 /	.23321	.16341	.12611	.11866	.14875	.19658	.28317	.36023	.43501
30.0 /	.24147	.16348	.12603	.12211	.15596	.20387	.28862	.36165	.43008
20.0 /	.25695	.17850	.13509	.12977	.16520	.21640	.31046	.39205	.46448
10.0 /	.27905	.23086	.18303	.17369	.21060	.26910	.38764	.49898	.60687

'N'-DAY
365 DAYS
SGROUP# 1

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1985 ***

* 365-DAY AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS .90746 AND OCCURRED AT (7000.0, 240.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 4000.0	5000.0	6000.0	7000.0	8000.0	9000.0	10000.0	11000.0	12000.0
360.0 /	.79383	.80858	.80693	.79905	.78653	.77314	.75940	.74237	.72588
350.0 /	.65282	.66059	.65481	.64371	.62897	.61373	.59852	.58134	.56495
340.0 /	.54639	.55843	.55974	.55570	.54749	.53785	.52747	.51461	.50205
330.0 /	.48730	.49196	.48746	.47954	.46943	.45900	.44857	.43643	.42484
320.0 /	.50199	.51470	.52030	.52258	.52144	.51870	.51460	.50694	.49882
310.0 /	.50876	.51343	.50993	.50356	.49498	.48602	.47688	.46554	.45456
300.0 /	.56325	.57317	.57005	.56159	.54961	.53723	.52502	.51120	.49814
290.0 /	.55661	.57011	.56974	.56335	.55330	.54208	.53037	.51623	.50252
280.0 /	.65965	.67942	.68250	.67828	.66960	.65912	.64756	.63232	.61723
270.0 /	.77488	.79521	.79661	.79027	.77870	.76588	.75250	.73571	.71939
260.0 /	.80810	.82467	.81886	.80454	.78473	.76465	.74518	.72424	.70469
250.0 /	.81776	.84250	.84555	.83895	.82560	.81065	.79516	.77655	.75864
240.0 /	.84550	.88285	.90032	.90746	.90498	.89919	.89125	.87833	.86493
230.0 /	.77517	.81002	.82869	.83842	.83887	.83582	.83035	.81980	.80852
220.0 /	.70010	.72593	.73605	.73876	.73402	.72739	.71965	.70855	.69744
210.0 /	.65004	.68017	.69714	.70681	.70875	.70775	.70461	.69682	.68830
200.0 /	.55817	.58051	.59549	.60640	.61075	.61305	.61363	.61033	.60619
190.0 /	.52945	.54662	.55663	.56300	.56399	.56351	.56187	.55698	.55163
180.0 /	.54744	.56920	.58243	.59115	.59379	.59465	.59412	.59005	.58535
170.0 /	.44141	.45004	.45135	.44990	.44519	.44030	.43540	.42897	.42274
160.0 /	.48579	.49933	.50336	.50288	.49794	.49197	.48547	.47694	.46856
150.0 /	.46790	.46885	.46129	.45129	.43965	.42848	.41791	.40642	.39569
140.0 /	.56969	.56795	.55288	.53433	.51483	.49662	.47990	.46299	.44761
130.0 /	.61321	.61606	.60272	.58447	.56412	.54475	.52675	.50869	.49217
120.0 /	.61361	.61633	.60334	.58529	.56492	.54505	.52616	.50698	.48917
110.0 /	.67190	.69099	.69426	.68961	.67911	.66616	.65178	.63415	.61667
100.0 /	.51765	.52357	.51685	.50486	.49038	.47533	.46031	.44376	.42803
90.0 /	.49240	.50422	.50437	.49947	.49109	.48170	.47187	.45994	.44839
80.0 /	.45888	.47328	.47685	.47484	.46858	.46065	.45176	.44058	.42952
70.0 /	.48202	.49061	.49188	.48972	.48367	.47665	.46909	.45955	.45018
60.0 /	.54608	.54938	.54317	.53411	.52263	.51128	.50023	.48769	.47579
50.0 /	.51002	.51384	.50733	.49775	.48651	.47555	.46501	.45301	.44168
40.0 /	.46013	.45835	.44876	.43759	.42531	.41405	.40377	.39299	.38309
30.0 /	.45302	.45090	.44186	.43142	.41985	.40912	.39920	.38849	.37859
20.0 /	.48584	.48153	.47139	.46046	.44877	.43781	.42752	.41610	.40542
10.0 /	.64594	.64826	.64123	.63163	.61982	.60789	.59600	.58169	.56794

SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1985

365-DAY AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER)

FROM ALL SOURCES
FOR THE RECEPTOR GRID

MAXIMUM VALUE EQUALS .90746 AND OCCURRED AT (7000.0, 240.0)

DIRECTION / (DEGREES) /	RANGE (METERS) 13000.0	14000.0
360.0 /	.70995	.69453
350.0 /	.54936	.53453
340.0 /	.48988	.47813
330.0 /	.41379	.40325
320.0 /	.49040	.48178
310.0 /	.44394	.43366
300.0 /	.48579	.47408
290.0 /	.48931	.47659
280.0 /	.60241	.58793
270.0 /	.70358	.68826
260.0 /	.68644	.66935
250.0 /	.74151	.72509
240.0 /	.85129	.83755
230.0 /	.79678	.78474
220.0 /	.68639	.67543
210.0 /	.67927	.66988
200.0 /	.60138	.59601
190.0 /	.54589	.53983
180.0 /	.58011	.57442
170.0 /	.41667	.41071
160.0 /	.46035	.45231
150.0 /	.38563	.37612
140.0 /	.43353	.42055
130.0 /	.47702	.46306
120.0 /	.47266	.45732
110.0 /	.59955	.58291
100.0 /	.41312	.39898
90.0 /	.43725	.42651
80.0 /	.41870	.40817
70.0 /	.44104	.43214
60.0 /	.46447	.45365
50.0 /	.43095	.42073
40.0 /	.37391	.36531
30.0 /	.36936	.36068
20.0 /	.39538	.38588
10.0 /	.55473	.54201

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1985 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 48.45433 AND OCCURRED AT (10000.0, 110.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 200.0	400.0	600.0	800.0	1000.0
360.0 /	12.13658 (149, 1)	12.42275 (149, 1)	12.75068 (149, 1)	13.08463 (149, 1)	18.88789 (212, 5)
350.0 /	10.75785C(235, 1)	10.73240C(235, 1)	10.69593 (357, 8)	11.44167 (357, 8)	19.75338 (236, 4)
340.0 /	10.05517 (3, 2)	8.54814 (220, 2)	8.31375 (333, 3)	9.05646 (31, 1)	19.20904 (157, 5)
330.0 /	11.85312 (237, 1)	11.76369 (88, 1)	12.05805 (88, 1)	12.37807 (88, 1)	18.22411 (157, 5)
320.0 /	11.70803 (237, 1)	9.90279 (237, 1)	9.77829 (237, 1)	10.15199 (237, 1)	24.78049 (193, 4)
310.0 /	11.11697 (238, 1)	9.65523 (238, 1)	9.07783 (238, 1)	11.07036 (193, 4)	31.49647 (193, 4)
300.0 /	13.37186 (242, 1)	11.84941 (242, 1)	11.01765 (242, 1)	10.88293 (242, 1)	28.42022 (193, 4)
290.0 /	13.73435 (242, 2)	12.50062 (242, 2)	11.19512 (242, 2)	10.19420 (242, 2)	24.85701 (235, 5)
280.0 /	10.98720 (242, 2)	8.18671 (80, 1)	8.76186 (80, 1)	9.47598 (80, 1)	19.36452 (130, 5)
270.0 /	12.84890 (208, 2)	13.04013 (208, 2)	13.18552 (208, 2)	13.24635 (208, 2)	21.25876 (218, 4)
260.0 /	11.10382 (208, 2)	10.21439 (329, 7)	9.95448 (329, 7)	9.71639 (329, 7)	16.75175 (218, 4)
250.0 /	11.62737 (79, 1)	9.75759 (275, 8)	8.82438 (241, 1)	8.89391 (241, 1)	20.43564 (251, 4)
240.0 /	12.19885 (248, 2)	11.76131 (286, 8)	11.42564 (286, 8)	11.04107 (239, 1)	16.46660 (251, 4)
230.0 /	12.19856 (248, 2)	10.79778 (248, 2)	9.95768 (150, 2)	10.05601 (150, 2)	18.82749 (254, 5)
220.0 /	10.34880 (291, 1)	10.20809 (338, 8)	10.61283 (338, 8)	10.99444 (338, 8)	19.26130 (210, 4)
210.0 /	11.86440 (246, 1)	11.56017 (246, 1)	11.22773 (246, 1)	11.01096 (246, 1)	26.71365 (160, 4)
200.0 /	13.22410 (247, 1)	12.50007 (247, 1)	11.67512 (247, 1)	11.16142 (160, 4)	31.71636 (160, 4)
190.0 /	12.30171 (77, 8)	11.17821 (175, 1)	11.13691 (175, 1)	11.50897 (328, 2)	26.74493 (160, 4)
180.0 /	10.80911 (77, 8)	10.43788 (314, 1)	10.72643 (314, 1)	11.06458 (314, 1)	20.22499 (267, 4)
170.0 /	10.26519 (256, 1)	9.51211 (251, 1)	9.41059 (251, 1)	9.49751 (256, 2)	22.85504 (252, 4)
160.0 /	10.18233 (356, 2)	9.47895 (356, 2)	9.07951 (356, 2)	9.09834 (356, 2)	20.46953 (252, 4)
150.0 /	12.40400 (362, 1)	9.51275 (362, 1)	7.36429 (354, 1)	7.76250 (354, 1)	12.96322 (184, 4)
140.0 /	11.29365 (362, 1)	9.35247 (362, 1)	8.65459 (362, 1)	8.06870 (362, 1)	19.17010 (168, 5)
130.0 /	11.55407 (365, 1)	8.01453 (365, 1)	6.69363 (93, 2)	7.49866 (349, 2)	17.93338 (159, 4)
120.0 /	13.55557 (365, 1)	13.18469 (365, 1)	12.57922 (365, 1)	11.86512 (365, 1)	19.27335 (126, 4)
110.0 /	11.58615 (59, 1)	10.78630 (284, 8)	10.90220 (284, 8)	10.97794 (284, 8)	19.64748 (213, 4)
100.0 /	8.99206 (284, 8)	8.63779 (285, 1)	8.42117 (285, 1)	8.12514 (285, 1)	19.58704 (159, 5)
90.0 /	8.44729 (354, 8)	7.47863 (137, 1)	8.35818 (137, 1)	9.54585 (137, 1)	16.74850 (159, 5)
80.0 /	9.73468 (65, 1)	8.13095 (107, 1)	8.70598 (107, 1)	9.31173 (107, 1)	19.43575 (168, 4)
70.0 /	11.43808 (65, 1)	11.28727 (65, 1)	11.22527 (65, 1)	11.35563 (65, 1)	19.54296 (188, 4)
60.0 /	9.96794 (133, 1)	9.17394 (20, 3)	9.11674 (171, 1)	9.51031 (171, 1)	18.33801C(191, 4)
50.0 /	9.67813 (82, 2)	8.80548 (198, 1)	8.77334 (198, 1)	8.69676 (198, 1)	16.98244 (230, 4)
40.0 /	10.11182 (91, 1)	9.89525 (91, 1)	9.70803 (91, 1)	9.68352 (91, 1)	20.98575 (230, 4)
30.0 /	11.24161 (74, 2)	9.31334 (74, 2)	8.93723 (286, 1)	8.88009 (286, 1)	25.42478 (230, 4)
20.0 /	9.82002 (284, 2)	7.85094 (306, 2)	7.67595 (45, 8)	8.22180 (45, 8)	21.00141 (230, 4)
10.0 /	11.23924 (311, 8)	11.46063 (311, 8)	11.66252 (311, 8)	11.80710 (311, 8)	17.94587 (212, 5)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1985 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 48.45433 AND OCCURRED AT (10000.0, 110.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 1200.0	1500.0	2000.0	3000.0	4000.0
360.0 /	23.34232 (227, 4)	26.77912 (227, 4)	25.47516 (115, 4)	30.04382 (206, 5)	29.25573 (206, 5)
350.0 /	23.94478 (227, 4)	28.80302 (227, 4)	28.12531 (227, 4)	26.65856 (227, 4)	31.39499 (31, 2)
340.0 /	23.76752 (157, 5)	22.93002 (157, 5)	20.67300 (219, 5)	24.26042 (31, 1)	29.84326 (31, 1)
330.0 /	22.59137 (157, 5)	21.77338 (157, 5)	29.54685 (208, 5)	31.51750 (208, 5)	32.39031 (304, 1)
320.0 /	28.28201 (193, 4)	27.79840C(235, 4)	23.54537C(235, 4)	22.35516 (64, 1)	28.58860 (64, 1)
310.0 /	35.97958 (193, 4)	31.13597 (193, 4)	25.24125 (235, 5)	22.51932 (238, 5)	22.45184 (89, 1)
300.0 /	36.01241 (235, 5)	35.74473 (235, 5)	29.23577 (235, 5)	22.62122 (63, 4)	25.40081 (227, 3)
290.0 /	31.27623 (235, 5)	29.69424 (235, 5)	23.56633 (235, 5)	27.95160 (63, 7)	34.99381 (63, 7)
280.0 /	24.12244 (252, 5)	23.46726 (218, 4)	19.61681 (218, 4)	23.21415 (289, 4)	29.06052 (156, 7)
270.0 /	28.90543 (218, 4)	29.53490 (218, 4)	27.17986 (218, 4)	26.50496 (218, 4)	25.80190 (112, 4)
260.0 /	24.74375 (218, 4)	26.68871 (218, 4)	25.94711 (100, 4)	30.98462 (100, 4)	32.08445 (226, 5)
250.0 /	26.92705 (251, 4)	27.86118 (251, 4)	33.46903 (171, 5)	34.92841 (171, 5)	29.53292 (171, 5)
240.0 /	22.80208 (218, 4)	25.71637 (218, 4)	23.69715 (111, 4)	30.51093 (111, 4)	28.82639 (111, 4)
230.0 /	20.86919 (254, 5)	23.41886 (218, 4)	21.21774 (131, 4)	24.28860 (131, 4)	24.19259 (110, 8)
220.0 /	24.44501 (210, 4)	23.67936 (210, 4)	19.64271 (107, 7)	26.46453 (107, 7)	32.42739 (107, 7)
210.0 /	30.61718 (160, 4)	26.20374 (160, 4)	20.46934 (160, 4)	24.11839 (146, 4)	28.61385 (259, 7)
200.0 /	35.88342 (160, 4)	29.98262 (160, 4)	24.41833 (229, 4)	22.00009 (159, 4)	24.53920 (315, 2)
190.0 /	30.28899 (160, 4)	26.33915 (229, 4)	23.35643 (229, 4)	25.88486 (328, 2)	32.29847 (328, 2)
180.0 /	25.88437 (267, 4)	25.07776 (267, 4)	21.66306 (131, 5)	24.82622 (131, 5)	27.25192 (337, 7)
170.0 /	30.77557 (252, 4)	28.68517 (252, 4)	23.54883 (252, 4)	19.80433 (99, 5)	21.71276 (99, 5)
160.0 /	27.79399 (252, 4)	25.88519 (252, 4)	21.17328 (150, 4)	22.65361 (360, 2)	28.53657 (360, 2)
150.0 /	23.38065 (184, 4)	26.05639 (184, 4)	27.48077 (150, 4)	29.54239 (150, 4)	26.75449 (150, 4)
140.0 /	25.03689 (184, 4)	29.04514 (184, 4)	27.08664 (184, 4)	28.64071 (189, 4)	26.67353 (189, 4)
130.0 /	20.33110 (126, 4)	23.41435 (194, 5)	20.86597 (194, 5)	26.22669 (349, 2)	33.55105 (349, 2)
120.0 /	23.66478 (126, 4)	26.00202 (194, 5)	23.83850 (194, 5)	26.77501 (138, 4)	29.41067 (138, 4)
110.0 /	24.53275 (213, 4)	27.10805 (249, 4)	27.89920 (155, 4)	32.22549 (155, 4)	36.41363 (355, 7)
100.0 /	27.35866 (249, 4)	31.00606 (249, 4)	26.62126 (138, 5)	32.51934 (138, 5)	30.14053 (138, 5)
90.0 /	30.44252 (249, 4)	33.19701 (249, 4)	25.83979 (249, 4)	26.14088 (137, 1)	33.03639 (137, 1)
80.0 /	30.29474 (249, 4)	32.07981 (249, 4)	26.70946 (249, 4)	24.51630 (137, 4)	27.76018 (153, 3)
70.0 /	22.70547 (249, 4)	24.67862 (137, 5)	30.22178 (137, 5)	29.35335 (137, 5)	29.05246 (25, 7)
60.0 /	28.70366 (230, 4)	30.38453 (230, 4)	34.50520 (73, 5)	42.11723 (73, 5)	38.99992 (73, 5)
50.0 /	29.36154 (230, 4)	30.29467 (230, 4)	22.80724 (230, 4)	20.64511 (7, 8)	26.17683 (7, 8)
40.0 /	32.01135 (230, 4)	39.57512 (184, 5)	35.39297 (184, 5)	34.53922 (143, 4)	31.92399 (143, 4)
30.0 /	34.78949 (230, 4)	44.39192 (184, 5)	40.27697 (184, 5)	30.92360 (184, 5)	24.96075 (184, 5)
20.0 /	28.43432 (230, 4)	33.36769 (184, 5)	28.45710 (184, 5)	22.66604 (145, 5)	23.51308 (145, 5)
10.0 /	23.41251C(223, 4)	25.98973C(223, 4)	30.88850 (115, 4)	33.16364 (115, 4)	27.15420 (115, 4)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1985 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 48.45433 AND OCCURRED AT (10000.0, 110.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 5000.0	6000.0	7000.0	8000.0	9000.0
360.0 /	31.06111 (128, 1)	33.16277 (128, 1)	34.52991 (128, 1)	35.30534 (128, 1)	35.73476 (158, 1)
350.0 /	34.94210 (31, 2)	37.46711 (31, 2)	39.13527 (31, 2)	40.11526 (31, 2)	40.55927 (31, 2)
340.0 /	32.74727 (31, 1)	34.58195 (31, 1)	35.58307 (31, 1)	36.47789 (198, 8)	37.67697 (198, 8)
330.0 /	36.60731 (304, 1)	39.59946 (304, 1)	41.58650 (304, 1)	42.78340 (304, 1)	43.37500 (304, 1)
320.0 /	32.96409 (64, 1)	36.67252 (64, 1)	39.72432 (64, 1)	42.17039 (64, 1)	44.07910 (64, 1)
310.0 /	25.61332 (89, 1)	28.46174 (89, 1)	30.96756 (89, 1)	32.88482 (89, 1)	34.48637 (89, 1)
300.0 /	28.58085 (227, 3)	28.94974 (227, 3)	30.22840 (252, 7)	31.59160 (252, 7)	32.60684 (252, 7)
290.0 /	39.05973 (63, 7)	41.92215 (63, 7)	43.79296 (63, 7)	44.87848 (63, 7)	45.35918 (63, 7)
280.0 /	32.97544 (156, 7)	35.89275 (156, 7)	37.95485 (156, 7)	39.31660 (156, 7)	40.12141 (156, 7)
270.0 /	27.99180 (16, 7)	30.82908 (16, 7)	33.16520 (16, 7)	34.75187 (16, 7)	35.96567 (16, 7)
260.0 /	30.90888 (297, 5)	29.39821 (297, 5)	27.37394 (113, 1)	28.88624 (113, 1)	30.23571 (113, 1)
250.0 /	27.55661 (299, 4)	25.42665 (299, 4)	23.15367 (299, 4)	24.04774 (300, 1)	25.00883 (300, 1)
240.0 /	31.14933 (261, 1)	34.44178 (261, 1)	37.06650 (261, 1)	39.09042 (261, 1)	40.59393 (261, 1)
230.0 /	27.60158 (110, 8)	30.44556 (110, 8)	32.73899 (110, 8)	34.52826 (110, 8)	35.87441 (110, 8)
220.0 /	36.42434 (107, 7)	39.58909 (107, 7)	42.01910 (107, 7)	43.58326 (107, 7)	44.64676 (107, 7)
210.0 /	32.86435 (259, 7)	36.31271 (259, 7)	39.01079 (259, 7)	41.04646 (259, 7)	42.51791 (259, 7)
200.0 /	27.96404 (315, 2)	30.76665 (315, 2)	32.97971 (315, 2)	34.66502 (315, 2)	35.89540 (315, 2)
190.0 /	36.51205 (328, 2)	39.92451 (328, 2)	42.57980 (328, 2)	44.56014 (328, 2)	45.96202 (328, 2)
180.0 /	30.94842 (337, 7)	33.78701 (337, 7)	35.86636 (337, 7)	37.30647 (337, 7)	38.22601 (337, 7)
170.0 /	21.11938 (279, 2)	23.33812 (279, 2)	25.38886 (279, 2)	26.71213 (279, 2)	27.87256 (279, 2)
160.0 /	31.83994 (360, 2)	34.06877 (360, 2)	35.44165 (360, 2)	36.15810 (360, 2)	36.38400 (360, 2)
150.0 /	28.25198 (348, 8)	30.20065 (348, 8)	31.40760 (348, 8)	32.04314 (348, 8)	32.25004 (348, 8)
140.0 /	24.14648 (134, 5)	22.45147 (134, 5)	23.44268 (27, 3)	24.67010 (27, 3)	25.60273 (27, 3)
130.0 /	37.85686 (349, 2)	40.87434 (349, 2)	42.84642 (349, 2)	44.00341 (349, 2)	44.54076 (349, 2)
120.0 /	28.03926 (138, 4)	29.52791 (364, 1)	31.07343 (364, 1)	32.06866 (364, 1)	32.62872 (364, 1)
110.0 /	40.89613 (355, 7)	44.11843 (355, 7)	46.28748 (355, 7)	47.61345 (355, 7)	48.28387 (355, 7)
100.0 /	27.43465 (21, 8)	29.15388 (21, 8)	30.14854 (21, 8)	30.59598 (21, 8)	30.64119 (21, 8)
90.0 /	37.22648 (137, 1)	40.31568 (137, 1)	42.46832 (137, 1)	43.85904 (137, 1)	44.64771 (137, 1)
80.0 /	29.71293 (153, 3)	29.08908 (153, 3)	28.86591 (90, 7)	29.36913 (90, 7)	29.48170 (90, 7)
70.0 /	32.45759 (25, 7)	34.74848 (25, 7)	36.15463 (25, 7)	36.88503 (25, 7)	37.11243 (25, 7)
60.0 /	33.25108 (73, 5)	27.72655 (73, 5)	25.26511 (153, 1)	26.58207 (153, 1)	27.73762 (153, 1)
50.0 /	29.65238 (7, 8)	32.29974 (7, 8)	34.21981 (7, 8)	35.53093 (7, 8)	36.34805 (7, 8)
40.0 /	27.61314 (143, 4)	23.60775 (143, 4)	23.09223 (91, 1)	24.20102 (91, 1)	25.16438 (91, 1)
30.0 /	27.09523 (181, 1)	29.11358 (181, 1)	30.44714 (181, 1)	31.23598 (181, 1)	31.60364 (181, 1)
20.0 /	21.06089 (145, 5)	22.02988 (45, 8)	23.53003 (45, 8)	24.72178 (45, 8)	25.63354 (45, 8)
10.0 /	26.70877 (233, 4)	26.77556 (233, 4)	26.39088 (94, 8)	27.39908 (197, 2)	28.17208 (197, 2)

SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1985

HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER)
FROM ALL SOURCES
FOR THE RECEPTOR GRID

MAXIMUM VALUE EQUALS 48.45433 AND OCCURRED AT (10000.0, 110.0)

DIRECTION / (DEGREES) /	RANGE (METERS) 10000.0	11000.0	12000.0	13000.0	14000.0
360.0 /	36.54768 (158, 1)	36.76773 (158, 1)	36.78414 (158, 1)	36.63964 (158, 1)	36.36929 (158, 1)
350.0 /	40.59465 (31, 2)	40.06855 (31, 2)	39.38097 (31, 2)	38.58287 (31, 2)	37.71187 (31, 2)
340.0 /	38.46443 (198, 8)	38.63798 (198, 8)	38.59908 (198, 8)	38.39484 (198, 8)	38.06294 (198, 8)
330.0 /	43.50949 (304, 1)	43.05956 (304, 1)	42.42778 (304, 1)	41.67040 (304, 1)	40.82907 (304, 1)
320.0 /	45.52074 (64, 1)	46.20668 (64, 1)	46.62077 (64, 1)	46.81281 (64, 1)	46.82422 (64, 1)
310.0 /	35.80205 (89, 1)	36.66914 (89, 1)	37.34141 (89, 1)	37.84618 (89, 1)	38.20753 (89, 1)
300.0 /	33.33559 (252, 7)	33.69017 (252, 7)	33.88530 (252, 7)	33.95181 (252, 7)	33.91522 (252, 7)
290.0 /	45.38312 (63, 7)	44.79156 (63, 7)	44.02290 (63, 7)	43.13357 (63, 7)	42.16536 (63, 7)
280.0 /	40.49180 (156, 7)	40.27202 (156, 7)	39.86140 (156, 7)	39.31139 (156, 7)	38.66198 (156, 7)
270.0 /	36.86996 (16, 7)	37.37920 (16, 7)	37.71194 (16, 7)	37.90108 (16, 7)	37.97354 (16, 7)
260.0 /	31.43375 (113, 1)	32.49217 (113, 1)	33.42263 (113, 1)	34.23633 (113, 1)	34.94391 (113, 1)
250.0 /	25.83998 (300, 1)	26.55283 (300, 1)	27.15872 (300, 1)	27.66838 (300, 1)	28.09191 (300, 1)
240.0 /	41.65751 (261, 1)	42.12088 (239, 2)	42.55627 (239, 2)	42.78584 (239, 2)	42.84613 (239, 2)
230.0 /	36.84123 (110, 8)	37.19827 (110, 8)	37.34368 (110, 8)	37.31858 (110, 8)	37.15730 (110, 8)
220.0 /	45.31143 (107, 7)	45.45108 (107, 7)	45.39258 (107, 7)	45.18098 (107, 7)	44.85194 (107, 7)
210.0 /	43.51874 (259, 7)	43.81747 (259, 7)	43.86845 (259, 7)	43.72444 (259, 7)	43.42843 (259, 7)
200.0 /	36.74299 (315, 2)	36.99338 (315, 2)	37.03876 (315, 2)	36.92154 (315, 2)	36.67653 (315, 2)
190.0 /	46.88050 (328, 2)	47.04665 (328, 2)	46.96086 (328, 2)	46.67809 (328, 2)	46.24263 (328, 2)
180.0 /	38.73014 (337, 7)	38.64738 (337, 7)	38.37070 (337, 7)	37.94863 (337, 7)	37.41946 (337, 7)
170.0 /	28.88494 (279, 2)	29.76233 (279, 2)	30.51742 (279, 2)	31.16223 (279, 2)	31.70791 (279, 2)
160.0 /	36.25033 (360, 2)	35.65582 (360, 2)	35.02860 (12, 1)	34.36068 (12, 1)	33.62501 (12, 1)
150.0 /	32.14077 (348, 8)	31.62312 (348, 8)	30.99286 (348, 8)	30.28990 (348, 8)	29.54288 (348, 8)
140.0 /	26.28064 (27, 3)	26.56053 (27, 3)	26.69362 (27, 3)	26.70779 (27, 3)	26.62617 (27, 3)
130.0 /	44.61526 (349, 2)	44.09805 (349, 2)	43.40230 (349, 2)	42.58385 (349, 2)	41.68494 (349, 2)
120.0 /	32.85105 (364, 1)	32.60444 (364, 1)	32.21368 (364, 1)	31.71917 (364, 1)	31.15178 (364, 1)
110.0 /	48.45433 (355, 7)	47.95471 (355, 7)	47.25293 (355, 7)	46.40967 (355, 7)	45.47076 (355, 7)
100.0 /	30.39692 (21, 8)	29.78303 (21, 8)	29.07610 (21, 8)	28.31289 (21, 8)	27.51957 (21, 8)
90.0 /	44.96967 (137, 1)	44.65194 (137, 1)	44.13488 (137, 1)	43.47401 (137, 1)	42.71204 (137, 1)
80.0 /	29.30951 (90, 7)	28.76961 (90, 7)	28.13306 (90, 7)	27.43584 (90, 7)	27.23569 (107, 1)
70.0 /	36.97238 (25, 7)	36.36646 (25, 7)	35.63180 (25, 7)	34.81392 (25, 7)	33.94621 (25, 7)
60.0 /	28.74635 (153, 1)	29.62112 (153, 1)	30.37449 (153, 1)	31.01828 (153, 1)	31.56359 (153, 1)
50.0 /	36.77265 (7, 8)	36.64358 (7, 8)	36.33402 (7, 8)	35.89036 (7, 8)	35.34874 (7, 8)
40.0 /	25.99716 (91, 1)	26.71097 (91, 1)	27.31718 (91, 1)	27.82666 (91, 1)	28.24942 (91, 1)
30.0 /	31.65189 (181, 1)	31.27009 (181, 1)	30.76194 (181, 1)	30.16674 (181, 1)	29.51376 (181, 1)
20.0 /	26.29927 (45, 8)	26.53150 (45, 8)	26.62088 (45, 8)	26.59432 (45, 8)	26.47372 (45, 8)
10.0 /	28.66039 (197, 2)	28.70883 (197, 2)	28.61226 (197, 2)	28.40305 (197, 2)	28.10734 (197, 2)

SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1985

SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER)
FROM ALL SOURCES
FOR THE RECEPTOR GRID

MAXIMUM VALUE EQUALS 43.77738 AND OCCURRED AT (12000.0, 320.0)

DIRECTION / (DEGREES) /	RANGE (METERS) 200.0	400.0	600.0	800.0	1000.0
360.0 /	11.10164 (64, 2)	11.32263 (64, 2)	11.52143 (64, 2)	11.65997 (64, 2)	15.96253 (236, 4)
350.0 /	10.14855 (222, 2)	10.01548 (357, 8)	10.60250C(235, 1)	10.37500C(235, 1)	18.95063 (219, 5)
340.0 /	9.99757 (232, 1)	8.44005 (232, 1)	8.00293 (232, 1)	8.30701 (333, 3)	18.87094 (228, 5)
330.0 /	11.42751 (88, 1)	9.21838 (233, 1)	9.22120 (233, 1)	9.39668 (233, 1)	17.85654 (228, 5)
320.0 /	11.34533 (238, 1)	9.56788 (230, 7)	9.70424 (230, 7)	9.97915 (230, 7)	16.72085 (210, 5)
310.0 /	10.76081 (236, 8)	8.81410 (332, 7)	8.73935C(95, 2)	8.88842 (238, 1)	19.98083 (210, 5)
300.0 /	11.71995 (242, 2)	8.46959 (210, 1)	8.87804 (210, 1)	9.90337 (193, 4)	26.76467 (235, 5)
290.0 /	13.11819 (242, 1)	10.65637 (242, 1)	8.81101 (89, 7)	9.94796 (63, 7)	17.98450 (193, 4)
280.0 /	9.18014 (208, 2)	8.18246C(330, 8)	7.48720C(330, 8)	7.73641 (333, 7)	19.17029 (121, 4)
270.0 /	11.82869 (229, 2)	11.89607 (229, 2)	11.84312 (229, 2)	11.73750 (229, 2)	18.92704 (252, 5)
260.0 /	10.81714 (229, 2)	9.14126 (156, 1)	9.07109 (294, 7)	9.57342 (217, 8)	14.89142 (251, 4)
250.0 /	11.47625 (275, 8)	9.75518 (79, 1)	8.73736 (79, 1)	8.66128 (211, 1)	19.60230 (168, 5)
240.0 /	11.94402 (286, 8)	11.35360 (239, 1)	11.19660 (239, 1)	11.02034 (286, 8)	15.90991 (168, 5)
230.0 /	10.95587 (150, 2)	9.86032 (150, 2)	9.13576 (248, 2)	8.53068 (296, 1)	12.00021 (218, 4)
220.0 /	10.29449 (315, 7)	9.76626 (240, 2)	9.92402 (240, 2)	10.89484 (107, 7)	17.87630 (254, 5)
210.0 /	11.32965 (319, 2)	9.92301 (319, 2)	9.30685 (41, 1)	9.92302 (41, 1)	18.26695 (210, 4)
200.0 /	10.71250 (318, 2)	9.73514 (85, 1)	10.39919 (85, 1)	11.15885 (85, 1)	19.41644 (126, 5)
190.0 /	11.13183 (175, 1)	11.03137 (77, 8)	10.46654 (262, 7)	11.01532 (175, 1)	18.95291 (160, 5)
180.0 /	10.66496 (338, 1)	10.20746 (340, 7)	9.92225 (340, 7)	9.93244 (281, 1)	19.39124 (249, 5)
170.0 /	9.81714 (120, 1)	9.16101 (281, 2)	9.30780 (256, 2)	9.24278 (251, 1)	16.58868 (249, 5)
160.0 /	9.54557 (362, 1)	8.24280C(78, 2)	8.29829C(78, 2)	8.27881C(78, 2)	12.17346 (150, 4)
150.0 /	10.64450 (147, 2)	8.05640 (147, 2)	7.29341 (285, 2)	7.27375 (5, 8)	12.51661 (168, 5)
140.0 /	10.46366 (327, 1)	9.07974 (327, 1)	8.19188 (327, 1)	7.90944 (327, 1)	18.88740 (159, 4)
130.0 /	9.35768 (327, 1)	7.66551C(267, 2)	6.65571C(267, 2)	6.55978 (93, 2)	17.27971 (168, 5)
120.0 /	11.71255 (59, 1)	10.56908 (59, 1)	10.71502 (59, 1)	11.20654 (59, 1)	16.76274 (213, 4)
110.0 /	10.63939 (284, 8)	8.44315 (59, 1)	8.96529 (82, 8)	10.19930 (355, 7)	19.12509 (223, 5)
100.0 /	8.73911 (285, 1)	6.51020 (45, 1)	6.23851 (233, 8)	7.35844 (159, 5)	17.23542 (223, 5)
90.0 /	7.28160 (285, 1)	7.22793 (145, 1)	7.14915C(45, 7)	7.82803 (84, 2)	16.63982 (249, 4)
80.0 /	8.15159 (24, 1)	7.69801 (24, 1)	7.23211 (24, 1)	7.23163 (168, 4)	17.07703 (249, 4)
70.0 /	11.11330 (133, 1)	10.64816 (133, 1)	10.34540 (133, 1)	10.31714 (133, 1)	18.39180C(191, 4)
60.0 /	9.52226 (20, 3)	8.75119 (83, 1)	8.64974 (20, 3)	8.59500 (153, 1)	16.27581 (230, 4)
50.0 /	9.61667 (270, 1)	7.66119 (178, 2)	7.16456 (105, 1)	7.90311 (105, 1)	13.37708 (255, 4)
40.0 /	9.94841 (74, 2)	6.70921 (363, 1)	6.77036 (198, 2)	7.36186 (198, 2)	14.29314 (184, 5)
30.0 /	8.81326 (286, 1)	8.90582 (286, 1)	8.53662 (74, 2)	8.13330 (74, 2)	17.44772 (184, 5)
20.0 /	9.33179 (306, 2)	7.47234 (45, 8)	6.86457 (149, 2)	7.37963 (224, 5)	19.66423 (224, 5)
10.0 /	10.32980 (231, 1)	9.72654 (197, 2)	9.88406 (197, 2)	10.13055 (197, 2)	15.96098 (224, 5)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1985 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 43.77738 AND OCCURRED AT (12000.0, 320.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 1200.0	1500.0	2000.0	3000.0	4000.0
360.0 /	22.33915C(223, 4)	24.86186C(223, 4)	23.82154 (227, 4)	24.57315 (115, 4)	28.08647 (128, 1)
350.0 /	23.91112 (236, 4)	23.54020 (236, 4)	20.44018 (236, 4)	25.27789 (209, 4)	26.02695 (182, 2)
340.0 /	21.21527 (219, 5)	21.10429 (219, 5)	18.90427 (157, 5)	20.36036 (198, 8)	25.88881 (198, 8)
330.0 /	19.89203 (228, 5)	20.48896 (208, 5)	17.75894 (157, 5)	25.28869 (304, 1)	26.22955 (208, 5)
320.0 /	25.72868C(235, 4)	23.81701 (193, 4)	20.15403 (139, 5)	22.24285 (211, 7)	28.53195 (211, 7)
310.0 /	29.46177 (235, 5)	30.64979 (235, 5)	24.48459 (193, 4)	21.27543 (215, 5)	21.47111 (238, 5)
300.0 /	32.99615 (193, 4)	29.24496 (193, 4)	23.28008 (210, 5)	20.83249 (235, 5)	23.94861 (63, 4)
290.0 /	21.35841 (193, 4)	22.87774 (210, 4)	20.12001 (63, 7)	20.76742 (63, 4)	24.36880 (89, 7)
280.0 /	23.93312 (218, 4)	23.34290 (252, 5)	19.11481 (252, 5)	22.74991 (156, 7)	24.86120 (176, 8)
270.0 /	24.13640 (252, 5)	23.40372 (252, 5)	20.87377 (210, 5)	24.60702 (112, 4)	25.62655 (218, 4)
260.0 /	20.25866 (251, 4)	22.12548 (251, 4)	23.33225 (218, 4)	30.73926 (226, 5)	29.91839 (297, 5)
250.0 /	21.68528 (168, 5)	24.07520 (218, 4)	25.76174 (251, 4)	27.22203 (226, 5)	28.45027 (299, 4)
240.0 /	21.83858 (251, 4)	22.38087 (251, 4)	21.75707 (218, 4)	22.62001 (50, 5)	27.15731 (261, 1)
230.0 /	20.66423 (218, 4)	16.96829 (254, 5)	19.79903 (218, 4)	23.17396 (175, 4)	21.02324 (131, 4)
220.0 /	19.89177 (254, 5)	16.13320 (254, 5)	19.49098 (210, 4)	22.21328 (98, 5)	25.47193 (297, 1)
210.0 /	23.22999 (210, 4)	22.48737 (210, 4)	20.36293 (217, 5)	23.41083 (217, 5)	25.03246 (146, 4)
200.0 /	23.72831 (200, 4)	27.25783 (229, 4)	23.34438 (159, 4)	20.66636 (85, 1)	24.26167 (85, 1)
190.0 /	22.95337 (190, 4)	24.64725 (160, 4)	19.71500 (126, 4)	25.47075 (126, 4)	26.45261 (204, 7)
180.0 /	22.95624 (190, 4)	22.12152 (190, 4)	20.80608 (267, 4)	21.43870 (337, 7)	27.10696 (99, 4)
170.0 /	20.02237 (267, 4)	19.38688 (267, 4)	15.28300 (267, 4)	17.44244 (252, 4)	18.79406 (353, 5)
160.0 /	18.80756 (150, 4)	21.56538 (150, 4)	20.78316 (252, 4)	21.53263 (12, 1)	27.23383 (12, 1)
150.0 /	19.03597 (150, 4)	24.16960 (150, 4)	25.02089 (149, 4)	26.71762 (149, 4)	25.75456 (149, 4)
140.0 /	21.16652 (168, 5)	20.32078 (151, 4)	23.76091 (149, 4)	23.95568 (149, 4)	23.99974 (134, 5)
130.0 /	19.92034 (159, 4)	21.28210 (184, 4)	20.83358 (253, 5)	26.03152 (189, 4)	25.78202 (189, 4)
120.0 /	21.05227 (213, 4)	22.86784 (126, 4)	19.00104 (126, 4)	25.25241 (47, 5)	26.16955 (47, 5)
110.0 /	23.58530 (249, 4)	23.77568 (213, 4)	25.23486 (132, 4)	28.86301 (355, 7)	30.91312 (81, 8)
100.0 /	21.55687 (159, 5)	21.53739 (163, 5)	24.03465 (106, 4)	22.77676 (106, 4)	24.79136 (21, 8)
90.0 /	18.62232 (159, 5)	14.52794 (137, 1)	18.70580 (137, 1)	24.70017 (118, 4)	25.91788 (118, 4)
80.0 /	22.10811 (168, 4)	20.09237 (168, 4)	24.85603 (137, 4)	21.46810 (153, 3)	23.54442 (90, 7)
70.0 /	22.70253 (230, 4)	24.36974 (230, 4)	22.11615 (137, 4)	22.98685 (25, 7)	25.18460 (137, 5)
60.0 /	20.53578C(191, 4)	22.57494 (73, 5)	25.35695 (230, 4)	24.12084 (214, 3)	22.13869 (214, 3)
50.0 /	23.65545 (255, 4)	26.17321 (255, 4)	22.18818 (255, 4)	20.35361 (143, 4)	23.10476 (181, 3)
40.0 /	29.55303 (184, 5)	31.32058 (230, 4)	28.85397 (143, 4)	26.35738 (184, 5)	20.87756 (184, 5)
30.0 /	34.04161 (184, 5)	32.63651 (230, 4)	26.29029 (230, 4)	20.66913 (162, 4)	24.25221 (181, 1)
20.0 /	25.32188 (184, 5)	26.13040 (229, 4)	21.56113 (229, 4)	21.17292 (284, 5)	21.87844 (284, 5)
10.0 /	19.94150 (212, 5)	20.85852 (115, 4)	22.04988C(223, 4)	24.07562 (162, 5)	24.74902 (233, 4)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1985 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 43.77738 AND OCCURRED AT (12000.0, 320.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 5000.0	6000.0	7000.0	8000.0	9000.0
360.0 /	27.91487 (158, 1)	30.69770 (158, 1)	32.88412 (158, 1)	34.53819 (158, 1)	35.61927 (128, 1)
350.0 /	29.42878 (182, 2)	31.98268 (182, 2)	33.80299 (182, 2)	35.01682 (182, 2)	35.74415 (182, 2)
340.0 /	29.55432 (198, 8)	32.50199 (198, 8)	34.78275 (198, 8)	35.95824 (31, 1)	35.87689 (31, 1)
330.0 /	20.75404 (208, 5)	19.76692 (88, 1)	20.71675 (88, 1)	21.33383 (88, 1)	21.82982 (88, 1)
320.0 /	32.77306 (211, 7)	36.21541 (211, 7)	38.91047 (211, 7)	40.94542 (211, 7)	42.41782 (211, 7)
310.0 /	18.39722 (238, 5)	20.17930 (113, 8)	21.58710 (113, 8)	22.62548 (113, 8)	23.35777 (113, 8)
300.0 /	25.71209 (252, 7)	28.20606 (252, 7)	28.86841C(307, 1)	30.18344C(307, 1)	31.10558C(307, 1)
290.0 /	27.25544 (89, 7)	29.59180 (89, 7)	31.42355 (89, 7)	32.81305 (89, 7)	33.82639 (89, 7)
280.0 /	28.29416 (176, 8)	31.03871 (176, 8)	33.14738 (176, 8)	34.69958 (176, 8)	35.78192 (176, 8)
270.0 /	24.01331 (344, 7)	26.48888 (344, 7)	28.58620 (344, 7)	30.31361 (344, 7)	31.69857 (344, 7)
260.0 /	29.52722 (226, 5)	26.09271 (226, 5)	26.85952 (297, 5)	27.39905 (217, 8)	28.68240 (217, 8)
250.0 /	23.94513 (171, 5)	21.18525 (300, 1)	22.94176 (300, 1)	23.23858 (287, 6)	23.80373 (287, 6)
240.0 /	29.87577 (239, 2)	33.20724 (239, 2)	35.99123 (239, 2)	38.25716 (239, 2)	40.05398 (239, 2)
230.0 /	21.48102 (84, 4)	22.70213 (273, 1)	24.01167 (273, 1)	24.98400 (271, 7)	25.63808 (271, 7)
220.0 /	29.11885 (297, 1)	32.12307 (297, 1)	34.51379 (297, 1)	36.35285 (297, 1)	37.71429 (297, 1)
210.0 /	25.89953 (119, 8)	28.35284 (258, 7)	30.38280 (258, 7)	31.74908 (258, 7)	32.76531 (258, 7)
200.0 /	26.96190 (85, 1)	29.26179 (85, 1)	31.17688 (85, 1)	32.40301 (85, 1)	33.33926 (85, 1)
190.0 /	30.34698 (204, 7)	33.62840 (204, 7)	36.31118 (204, 7)	38.44363 (204, 7)	40.08957 (204, 7)
180.0 /	28.63929 (99, 4)	27.65424 (99, 4)	25.67573 (99, 4)	24.90653 (328, 1)	25.83512 (281, 1)
170.0 /	20.78019 (353, 5)	21.40955 (348, 7)	23.16342 (348, 7)	24.27574 (348, 7)	25.25160 (348, 7)
160.0 /	30.58902 (12, 1)	32.97152 (12, 1)	34.54979 (12, 1)	35.48994 (12, 1)	35.93773 (12, 1)
150.0 /	23.47824 (149, 4)	20.96062 (149, 4)	21.41681 (356, 3)	22.34203 (356, 3)	22.96338 (107, 3)
140.0 /	22.84348 (189, 4)	22.25650 (22, 1)	23.38174 (22, 1)	24.06723 (22, 1)	24.41202 (22, 1)
130.0 /	24.26706 (59, 4)	23.52209 (59, 4)	21.76607 (59, 4)	21.90561 (310, 1)	22.53689 (310, 1)
120.0 /	27.30605 (364, 1)	28.08516 (15, 8)	29.46611 (15, 8)	30.32766 (15, 8)	30.78130 (15, 8)
110.0 /	35.04895 (81, 8)	38.07290 (81, 8)	40.16193 (81, 8)	41.49812 (81, 8)	42.24453 (81, 8)
100.0 /	25.64413 (138, 5)	23.96332 (44, 1)	25.15861 (44, 1)	25.92034 (44, 1)	26.33786 (44, 1)
90.0 /	29.18869 (84, 1)	31.88902 (84, 1)	33.89708 (84, 1)	35.31489 (84, 1)	36.24594 (84, 1)
80.0 /	26.12302 (90, 7)	27.83768 (90, 7)	27.34469 (153, 3)	26.22735 (28, 7)	26.65026 (28, 7)
70.0 /	24.70577 (283, 7)	26.87630 (283, 7)	28.60959 (283, 7)	29.67657 (283, 7)	30.45056 (283, 7)
60.0 /	21.58979 (25, 8)	23.55365 (25, 8)	24.97358 (25, 8)	25.94393 (25, 8)	26.55240 (25, 8)
50.0 /	24.63271 (181, 3)	25.53347 (105, 1)	27.17846 (105, 1)	28.28728 (105, 1)	29.06377 (105, 1)
40.0 /	19.89345 (180, 3)	21.32943 (91, 1)	21.08276 (198, 2)	21.89214 (198, 2)	22.50586 (198, 2)
30.0 /	22.25634 (162, 4)	20.07572 (162, 4)	20.84217 (359, 1)	21.78558 (359, 1)	22.52117 (363, 3)
20.0 /	20.49212 (284, 5)	19.48287 (150, 8)	20.66755 (150, 8)	21.46763 (150, 8)	22.11595 (165, 1)
10.0 /	23.36117 (94, 8)	25.16655 (94, 8)	26.28406 (197, 2)	27.14662 (94, 8)	27.53563 (94, 8)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1985 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 43.77738 AND OCCURRED AT (12000.0, 320.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 10000.0	11000.0	12000.0	13000.0	14000.0
360.0 /	35.58141 (128, 1)	35.05199 (128, 1)	34.38591 (128, 1)	33.62797 (128, 1)	33.68171 (149, 1)
350.0 /	36.08898 (182, 2)	35.90108 (182, 2)	35.54248 (182, 2)	35.05865 (182, 2)	34.48483 (182, 2)
340.0 /	35.47034 (31, 1)	34.64239 (31, 1)	33.71763 (31, 1)	32.73841 (31, 1)	31.73409 (31, 1)
330.0 /	22.21904 (88, 1)	22.42784 (88, 1)	22.57335 (88, 1)	22.66708 (88, 1)	22.71733 (88, 1)
320.0 /	43.42078 (211, 7)	43.72280 (211, 7)	43.77738 (211, 7)	43.63714 (211, 7)	43.34492 (211, 7)
310.0 /	23.84037 (113, 8)	23.95824 (113, 8)	23.95059 (113, 8)	23.84611 (113, 8)	23.66726 (113, 8)
300.0 /	31.70056C(307, 1)	31.78843C(307, 1)	31.70724C(307, 1)	31.49449C(307, 1)	31.18012C(307, 1)
290.0 /	34.52563 (89, 7)	34.69699 (89, 7)	34.70454 (89, 7)	34.58232 (89, 7)	34.35778 (89, 7)
280.0 /	36.47665 (176, 8)	36.59047 (176, 8)	36.50698 (176, 8)	36.27026 (176, 8)	35.91590 (176, 8)
270.0 /	32.77689 (344, 7)	33.30529 (344, 7)	33.64550 (344, 7)	33.82846 (344, 7)	33.88100 (344, 7)
260.0 /	29.84973 (217, 8)	30.90708 (217, 8)	31.86106 (217, 8)	32.71853 (217, 8)	33.48635 (217, 8)
250.0 /	24.10679 (287, 6)	24.05218 (287, 6)	23.95511 (242, 7)	24.23739 (242, 7)	24.42093 (242, 7)
240.0 /	41.43776 (239, 2)	42.03748 (261, 1)	42.17770 (261, 1)	42.12598 (261, 1)	41.92221 (261, 1)
230.0 /	26.02591 (271, 7)	26.01107 (271, 7)	25.86611 (271, 7)	25.62209 (271, 7)	25.30334 (271, 7)
220.0 /	38.67213 (297, 1)	38.99789 (297, 1)	39.10458 (297, 1)	39.03619 (297, 1)	38.82935 (297, 1)
210.0 /	33.49352 (258, 7)	33.84625 (258, 7)	34.03888 (258, 7)	34.10249 (258, 7)	34.06265 (258, 7)
200.0 /	34.03670 (85, 1)	34.43142 (85, 1)	34.68959 (85, 1)	34.83651 (85, 1)	34.89259 (85, 1)
190.0 /	41.31598 (204, 7)	41.85651 (204, 7)	42.15666 (204, 7)	42.26027 (204, 7)	42.20483 (204, 7)
180.0 /	26.82289 (281, 1)	27.72393 (281, 1)	28.54217 (281, 1)	29.28213 (281, 1)	29.94856 (281, 1)
170.0 /	26.10407 (348, 7)	26.84311 (348, 7)	27.47880 (348, 7)	28.02082 (348, 7)	28.47828 (348, 7)
160.0 /	36.01281 (12, 1)	35.59452 (12, 1)	34.93440 (360, 2)	34.13077 (360, 2)	33.27763 (360, 2)
150.0 /	23.47686 (107, 3)	23.62440 (107, 3)	23.64232 (107, 3)	23.55829 (107, 3)	23.39463 (107, 3)
140.0 /	24.49730 (22, 1)	24.24850 (22, 1)	23.89248 (22, 1)	23.63121 (267, 3)	23.78712 (267, 3)
130.0 /	22.91746 (310, 1)	23.00400 (187, 7)	23.37635 (187, 7)	23.77693 (96, 7)	24.12294 (96, 7)
120.0 /	30.92066 (15, 8)	30.62472 (15, 8)	30.19847 (15, 8)	29.68006 (15, 8)	29.09824 (15, 8)
110.0 /	42.53738 (81, 8)	42.22771 (81, 8)	41.72633 (81, 8)	41.08725 (81, 8)	40.35211 (81, 8)
100.0 /	26.48764 (44, 1)	26.25972 (44, 1)	25.91846 (44, 1)	25.49621 (44, 1)	25.01752 (44, 1)
90.0 /	36.78409 (84, 1)	36.75443 (84, 1)	36.53604 (84, 1)	36.17465 (84, 1)	35.70647 (84, 1)
80.0 /	26.77487 (28, 7)	26.52463 (28, 7)	26.14980 (28, 7)	26.72404 (107, 1)	26.70385 (90, 7)
70.0 /	30.99157 (283, 7)	31.25905 (283, 7)	31.69815 (65, 1)	32.58221 (65, 1)	33.38314 (65, 1)
60.0 /	26.87387 (25, 8)	26.80586 (25, 8)	26.60437 (25, 8)	26.30345 (25, 8)	25.92941 (25, 8)
50.0 /	29.56886 (105, 1)	29.70048 (105, 1)	29.69109 (105, 1)	29.57070 (105, 1)	29.36402 (105, 1)
40.0 /	22.95684 (198, 2)	23.24455 (153, 2)	23.43616 (153, 2)	23.51559 (153, 2)	23.50397 (153, 2)
30.0 /	23.06277 (363, 3)	23.36213 (61, 2)	23.72871 (61, 2)	23.97620 (61, 2)	24.12362 (61, 2)
20.0 /	22.85558 (61, 2)	23.36213 (61, 2)	23.72871 (61, 2)	23.97620 (61, 2)	24.12362 (61, 2)
10.0 /	27.64331 (94, 8)	27.36622 (94, 8)	26.97437 (94, 8)	26.50190 (94, 8)	26.47787 (141, 3)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1985 ***

* 50 MAXIMUM 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM ALL SOURCES *

RANK	CON.	PER.	DAY	X OR RANGE (METERS)	Y(METERS) OR DIRECTION (DEGREES)	RANK	CON.	PER.	DAY	X OR RANGE (METERS)	Y(METERS) OR DIRECTION (DEGREES)
1	48.45433	7	355	10000.0	110.0	26	44.96967	1	137	10000.0	90.0
2	48.28387	7	355	9000.0	110.0	27	44.87848	7	63	8000.0	290.0
3	47.95471	7	355	11000.0	110.0	28	44.85194	7	107	14000.0	220.0
4	47.61345	7	355	8000.0	110.0	29	44.79156	7	63	11000.0	290.0
5	47.25293	7	355	12000.0	110.0	30	44.65194	1	137	11000.0	90.0
6	47.04665	2	328	11000.0	190.0	31	44.64771	1	137	9000.0	90.0
7	46.96086	2	328	12000.0	190.0	32	44.64676	7	107	9000.0	220.0
8	46.88050	2	328	10000.0	190.0	33	44.61526	2	349	10000.0	130.0
9	46.82422	1	64	14000.0	320.0	34	44.56014	2	328	8000.0	190.0
10	46.81281	1	64	13000.0	320.0	35	44.54076	2	349	9000.0	130.0
11	46.67809	2	328	13000.0	190.0	36	44.39192	5	184	1500.0	30.0
12	46.62077	1	64	12000.0	320.0	37	44.13488	1	137	12000.0	90.0
13	46.40967	7	355	13000.0	110.0	38	44.11843	7	355	6000.0	110.0
14	46.28748	7	355	7000.0	110.0	39	44.09805	2	349	11000.0	130.0
15	46.24263	2	328	14000.0	190.0	40	44.07910	1	64	9000.0	320.0
16	46.20668	1	64	11000.0	320.0	41	44.02290	7	63	12000.0	290.0
17	45.96202	2	328	9000.0	190.0	42	44.00341	2	349	8000.0	130.0
18	45.52074	1	64	10000.0	320.0	43	43.86845	7	259	12000.0	210.0
19	45.47076	7	355	14000.0	110.0	44	43.85904	1	137	8000.0	90.0
20	45.45108	7	107	11000.0	220.0	45	43.81747	7	259	11000.0	210.0
21	45.39258	7	107	12000.0	220.0	46	43.79296	7	63	7000.0	290.0
22	45.38312	7	63	10000.0	290.0	47	43.77738	7	211	12000.0	320.0
23	45.35918	7	63	9000.0	290.0	48	43.72444	7	259	13000.0	210.0
24	45.31143	7	107	10000.0	220.0	49	43.72280	7	211	11000.0	320.0
25	45.18098	7	107	13000.0	220.0	50	43.63714	7	211	13000.0	320.0

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1985 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 12.41483 AND OCCURRED AT (10000.0, 210.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 200.0	400.0	600.0	800.0	1000.0
360.0 /	2.82568 (149, 1)	2.36952C(231, 1)	2.28783C(231, 1)	2.34109C(231, 1)	3.52056C(212, 1)
350.0 /	2.87528C(232, 1)	2.36059C(357, 1)	2.27007C(357, 1)	2.29934C(357, 1)	3.36007C(236, 1)
340.0 /	2.77392 (237, 1)	2.28797 (220, 1)	2.09380 (220, 1)	2.03798 (220, 1)	3.62200C(157, 1)
330.0 /	3.25319 (237, 1)	2.42808C(88, 1)	2.41661C(88, 1)	2.43573C(88, 1)	3.12453C(157, 1)
320.0 /	3.54332C(332, 1)	3.03877C(332, 1)	2.54100C(332, 1)	2.28746C(332, 1)	4.46002C(193, 1)
310.0 /	3.24954C(332, 1)	2.45093C(55, 1)	2.05666C(55, 1)	1.89175C(55, 1)	5.49208C(235, 1)
300.0 /	3.37468 (242, 1)	2.69895 (1, 1)	2.61150 (1, 1)	2.69025C(252, 1)	6.04889C(235, 1)
290.0 /	3.55666 (242, 1)	3.31545 (242, 1)	2.89074 (242, 1)	2.92918C(235, 1)	6.04968C(235, 1)
280.0 /	2.76257 (242, 1)	2.13445 (42, 1)	1.93215 (42, 1)	1.81891 (42, 1)	3.17421C(235, 1)
270.0 /	3.50850C(330, 1)	2.41499 (329, 1)	2.23688 (42, 1)	2.25818 (42, 1)	3.78018C(218, 1)
260.0 /	4.34737 (329, 1)	2.74679 (329, 1)	2.12899 (329, 1)	1.85795 (329, 1)	2.54541 (227, 1)
250.0 /	4.31223 (329, 1)	2.50553 (329, 1)	1.99665 (245, 1)	2.12099C(251, 1)	3.93876C(251, 1)
240.0 /	3.86132C(239, 1)	3.81199C(239, 1)	3.76277C(239, 1)	3.81102C(239, 1)	3.94669C(239, 1)
230.0 /	3.31499C(239, 1)	3.04822 (296, 1)	2.61241 (296, 1)	2.41715 (296, 1)	2.84456 (210, 1)
220.0 /	3.88144C(49, 1)	3.17676C(49, 1)	2.62021C(49, 1)	2.30752C(49, 1)	2.88649C(160, 1)
210.0 /	4.02520 (108, 1)	3.04266 (108, 1)	2.57013 (259, 1)	2.81183 (259, 1)	5.77615C(160, 1)
200.0 /	3.93225 (108, 1)	3.21354 (108, 1)	2.82694 (108, 1)	2.80511C(160, 1)	7.84929C(160, 1)
190.0 /	3.47039C(175, 1)	2.75986 (258, 1)	2.40718 (299, 1)	2.58510C(160, 1)	7.21545C(160, 1)
180.0 /	3.33698 (281, 1)	3.46865 (314, 1)	3.33612 (314, 1)	3.31905 (314, 1)	4.32435C(160, 1)
170.0 /	2.74473 (281, 1)	2.58457 (337, 1)	2.26799 (256, 1)	2.27653 (256, 1)	3.43245C(252, 1)
160.0 /	2.72024 (356, 1)	2.80952 (6, 1)	2.53504 (6, 1)	2.36464 (6, 1)	3.07213C(252, 1)
150.0 /	2.60856C(321, 1)	2.02661C(9, 1)	1.79224C(9, 1)	1.73357 (356, 1)	2.48082C(150, 1)
140.0 /	2.29842C(267, 1)	1.93535C(27, 1)	1.88056C(27, 1)	1.94892C(27, 1)	2.95738 (159, 1)
130.0 /	3.08405C(267, 1)	2.54230C(267, 1)	2.06693C(267, 1)	1.78557C(267, 1)	2.36475 (159, 1)
120.0 /	2.92155C(267, 1)	2.35312C(267, 1)	2.24566 (365, 1)	2.34802 (59, 1)	2.51077 (59, 1)
110.0 /	1.92807 (285, 1)	2.38167C(169, 1)	2.47963 (355, 1)	2.65369 (355, 1)	2.93888 (355, 1)
100.0 /	2.49903 (285, 1)	1.96121C(169, 1)	1.68129 (285, 1)	1.69383 (44, 1)	2.58532C(223, 1)
90.0 /	2.55433C(8, 1)	1.98997C(8, 1)	1.82577 (84, 1)	1.98378 (84, 1)	2.79026 (159, 1)
80.0 /	3.07849C(8, 1)	2.57845C(8, 1)	2.09372C(8, 1)	1.95855C(8, 1)	2.65286C(168, 1)
70.0 /	2.71907C(8, 1)	2.44214C(8, 1)	2.15116C(8, 1)	2.45557C(191, 1)	4.06621C(191, 1)
60.0 /	2.63777 (82, 1)	2.23286 (23, 1)	1.91130 (23, 1)	1.83904 (153, 1)	3.21728C(255, 1)
50.0 /	3.13281 (270, 1)	2.32654 (270, 1)	2.09527 (270, 1)	2.01383C(7, 1)	2.88557C(230, 1)
40.0 /	3.15371 (270, 1)	1.91489 (270, 1)	1.69922C(234, 1)	1.70706C(234, 1)	3.25113C(230, 1)
30.0 /	2.67651 (284, 1)	2.14984 (284, 1)	1.76585 (284, 1)	1.83847C(230, 1)	4.03783C(230, 1)
20.0 /	2.58552 (284, 1)	1.75776 (284, 1)	1.49338C(160, 1)	1.52254C(168, 1)	3.05836C(230, 1)
10.0 /	2.82192C(311, 1)	2.59785C(311, 1)	2.52041C(311, 1)	2.52073C(311, 1)	2.65240C(212, 1)

SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1985

HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER)
FROM ALL SOURCES
FOR THE RECEPTOR GRID

MAXIMUM VALUE EQUALS 12.41483 AND OCCURRED AT (10000.0, 210.0)

DIRECTION / (DEGREES) /	RANGE (METERS) 1200.0	1500.0	2000.0	3000.0	4000.0
360.0 /	5.24595C(223, 1)	6.71252C(223, 1)	6.00612C(223, 1)	6.84637C(158, 1)	7.61572C(158, 1)
350.0 /	4.10735C(236, 1)	5.33595C(223, 1)	5.19194 (237, 1)	5.39593 (237, 1)	5.32231C(87, 1)
340.0 /	4.38661C(157, 1)	4.39432C(157, 1)	4.31728 (237, 1)	6.50965C(332, 1)	8.02099C(332, 1)
330.0 /	3.98727C(235, 1)	4.51691C(235, 1)	4.67016 (208, 1)	5.43876 (208, 1)	5.43930C(95, 1)
320.0 /	7.11533C(235, 1)	7.75959C(235, 1)	6.38483C(235, 1)	5.24303C(95, 1)	5.96306C(211, 1)
310.0 /	8.81646C(235, 1)	9.34974C(235, 1)	7.71932C(235, 1)	7.21050C(238, 1)	6.84281C(238, 1)
300.0 /	8.60929C(235, 1)	8.80449C(235, 1)	7.58323 (210, 1)	7.39408 (210, 1)	6.99240C(238, 1)
290.0 /	7.52992C(235, 1)	7.53788C(235, 1)	6.66726C(63, 1)	9.53528C(63, 1)	11.26663C(63, 1)
280.0 /	4.04115C(218, 1)	5.32832 (210, 1)	5.10729 (210, 1)	5.13508C(156, 1)	5.78842C(156, 1)
270.0 /	5.05459C(218, 1)	5.81644C(218, 1)	6.37160C(156, 1)	8.63558C(156, 1)	9.35838C(156, 1)
260.0 /	3.97745 (227, 1)	5.04002 (227, 1)	5.66589C(156, 1)	8.01747C(156, 1)	8.87188C(156, 1)
250.0 /	5.00403C(251, 1)	5.79408C(251, 1)	6.39635C(251, 1)	7.08110C(251, 1)	7.45484 (299, 1)
240.0 /	4.73334C(218, 1)	5.85325C(218, 1)	7.11821 (111, 1)	9.25959 (111, 1)	10.70856C(50, 1)
230.0 /	3.73703C(218, 1)	4.59339C(218, 1)	4.92154 (125, 1)	6.13506 (125, 1)	6.19665 (125, 1)
220.0 /	3.45037C(160, 1)	3.48392 (126, 1)	4.61893 (216, 1)	6.80520 (216, 1)	7.98810 (216, 1)
210.0 /	6.64570C(160, 1)	5.48491C(160, 1)	5.74702 (259, 1)	7.99662 (259, 1)	9.85598 (259, 1)
200.0 /	8.80892C(160, 1)	7.07362C(160, 1)	5.17767C(160, 1)	4.13138 (126, 1)	4.13205 (343, 1)
190.0 /	8.07939C(160, 1)	6.34656C(160, 1)	4.56247C(160, 1)	4.22509 (126, 1)	4.77241 (39, 1)
180.0 /	4.98285C(160, 1)	4.69785C(267, 1)	4.79205C(267, 1)	5.43073 (99, 1)	6.57133 (337, 1)
170.0 /	4.64363C(252, 1)	4.43882C(252, 1)	4.53461C(135, 1)	4.90237 (132, 1)	5.41168 (99, 1)
160.0 /	4.18074C(252, 1)	3.94249C(252, 1)	4.49780C(150, 1)	4.52267 (6, 1)	5.60054 (6, 1)
150.0 /	3.87877C(150, 1)	5.54693C(150, 1)	7.18989C(150, 1)	8.35548C(150, 1)	7.70732C(150, 1)
140.0 /	3.27791 (159, 1)	3.63732 (184, 1)	4.23919C(150, 1)	5.48653 (189, 1)	6.54167 (15, 1)
130.0 /	2.87158C(185, 1)	3.65790 (269, 1)	5.57422 (93, 1)	8.22251 (93, 1)	9.44919 (93, 1)
120.0 /	3.17358C(213, 1)	3.54573C(194, 1)	4.68438C(134, 1)	5.86003C(58, 1)	6.45292C(58, 1)
110.0 /	3.73992C(213, 1)	4.14129C(213, 1)	6.22465C(155, 1)	8.01684C(155, 1)	8.30648C(155, 1)
100.0 /	3.90867C(249, 1)	4.43113C(249, 1)	4.86043 (138, 1)	6.27500 (138, 1)	6.34951 (138, 1)
90.0 /	4.34893C(249, 1)	4.74245C(249, 1)	6.14722 (43, 1)	8.75536 (43, 1)	10.26087 (43, 1)
80.0 /	4.32783C(249, 1)	6.11202 (137, 1)	8.09434 (137, 1)	9.38552 (137, 1)	9.58951 (137, 1)
70.0 /	4.49676C(191, 1)	5.75071 (137, 1)	7.30847 (137, 1)	7.36582 (137, 1)	6.74297 (152, 1)
60.0 /	5.12054C(255, 1)	5.74767C(255, 1)	7.13975C(73, 1)	8.98546C(73, 1)	8.99353C(73, 1)
50.0 /	4.85909C(255, 1)	5.41781C(255, 1)	5.12024C(7, 1)	6.94907C(7, 1)	8.08932C(7, 1)
40.0 /	4.55833C(230, 1)	5.04629 (184, 1)	5.63194 (143, 1)	6.39923 (143, 1)	6.54297 (180, 1)
30.0 /	5.16575C(230, 1)	5.58332 (184, 1)	5.07905 (184, 1)	4.18467 (181, 1)	4.62306 (181, 1)
20.0 /	4.04868C(230, 1)	4.17394 (184, 1)	3.90540C(117, 1)	4.30594C(117, 1)	4.67536 (305, 1)
10.0 /	4.67552C(223, 1)	5.85762C(223, 1)	5.66097 (162, 1)	6.83127 (162, 1)	7.01910 (162, 1)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1985 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 12.41483 AND OCCURRED AT (10000.0, 210.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 5000.0	6000.0	7000.0	8000.0	9000.0
360.0 /	7.85267C(158, 1)	7.89497C(158, 1)	7.84406C(158, 1)	7.75048C(158, 1)	7.63721C(158, 1)
350.0 /	5.84284C(87, 1)	6.15850 (31, 1)	6.37903 (31, 1)	6.49496 (31, 1)	6.52990 (31, 1)
340.0 /	8.64491C(332, 1)	8.84990C(332, 1)	8.84410C(332, 1)	8.73633C(332, 1)	8.57980C(332, 1)
330.0 /	6.03125 (304, 1)	6.48746 (304, 1)	6.78593 (304, 1)	6.96062 (304, 1)	7.04068 (304, 1)
320.0 /	6.79253C(211, 1)	7.36818C(211, 1)	7.74710C(211, 1)	7.98239C(211, 1)	8.11463C(211, 1)
310.0 /	6.50656C(157, 1)	6.27510C(157, 1)	6.03536 (113, 1)	5.81667 (113, 1)	5.61072 (113, 1)
300.0 /	6.92033C(252, 1)	7.56095C(252, 1)	8.12537C(252, 1)	8.50315C(252, 1)	8.81482C(252, 1)
290.0 /	11.89594C(63, 1)	12.13373C(63, 1)	12.17262C(63, 1)	12.09858C(63, 1)	11.95320C(63, 1)
280.0 /	6.06384C(156, 1)	6.24981C(156, 1)	6.50770 (300, 1)	6.76794 (300, 1)	6.93269 (300, 1)
270.0 /	9.31530C(156, 1)	9.05864C(156, 1)	8.92334 (16, 1)	8.96144 (16, 1)	8.94613 (16, 1)
260.0 /	8.87470C(156, 1)	8.58675C(156, 1)	8.37743 (129, 1)	8.36545 (129, 1)	8.27830 (129, 1)
250.0 /	7.96331 (299, 1)	8.50347 (66, 1)	8.97790 (66, 1)	9.25479 (66, 1)	9.38023 (66, 1)
240.0 /	11.49638C(50, 1)	11.89654C(50, 1)	12.11967C(50, 1)	12.24347C(50, 1)	12.29786C(50, 1)
230.0 /	6.31851C(49, 1)	6.70914C(271, 1)	6.98576C(271, 1)	7.16962C(271, 1)	7.28272C(271, 1)
220.0 /	8.20636 (216, 1)	7.98292 (216, 1)	7.59873 (216, 1)	7.17894 (216, 1)	7.15387 (272, 1)
210.0 /	10.90442 (259, 1)	11.58356 (259, 1)	12.01390 (259, 1)	12.25694 (259, 1)	12.38001 (259, 1)
200.0 /	4.62037 (315, 1)	5.04880 (315, 1)	5.40363 (315, 1)	5.66524 (315, 1)	5.86738 (315, 1)
190.0 /	5.28500 (39, 1)	5.70528 (39, 1)	6.03588 (39, 1)	6.23516 (39, 1)	6.36853 (39, 1)
180.0 /	7.39325 (337, 1)	8.00807 (337, 1)	8.44289 (337, 1)	8.72869 (337, 1)	8.89562 (337, 1)
170.0 /	5.42839 (99, 1)	5.18625 (99, 1)	5.20588 (256, 1)	5.19753 (256, 1)	5.20839 (256, 1)
160.0 /	6.20507 (6, 1)	6.53992C(360, 1)	6.66801C(360, 1)	6.82477 (12, 1)	6.96065 (12, 1)
150.0 /	6.74630C(150, 1)	5.96235C(150, 1)	5.73732 (356, 1)	5.91406 (356, 1)	6.02682 (356, 1)
140.0 /	7.27155 (15, 1)	7.61407 (15, 1)	7.71859 (15, 1)	7.68878 (15, 1)	7.58636 (15, 1)
130.0 /	9.61368 (93, 1)	9.35786 (93, 1)	8.95436 (93, 1)	8.51881 (93, 1)	8.09382 (93, 1)
120.0 /	6.37981 (15, 1)	6.86272 (15, 1)	7.18719 (15, 1)	7.38757 (15, 1)	7.49153 (15, 1)
110.0 /	8.22495 (355, 1)	8.80743 (355, 1)	9.19884 (355, 1)	9.42044 (355, 1)	9.52429 (355, 1)
100.0 /	6.17671C(19, 1)	6.55012 (44, 1)	6.84270 (44, 1)	7.01562 (44, 1)	7.09472 (44, 1)
90.0 /	11.07124 (43, 1)	11.38736 (43, 1)	11.37725 (43, 1)	11.16196 (43, 1)	10.82375 (43, 1)
80.0 /	9.35783 (137, 1)	9.01907 (137, 1)	8.63705 (137, 1)	8.24021 (137, 1)	7.84420 (137, 1)
70.0 /	6.43129 (152, 1)	6.00796 (152, 1)	6.25966 (23, 1)	6.52403 (23, 1)	6.72867 (23, 1)
60.0 /	8.35092C(73, 1)	7.65618C(73, 1)	7.03638C(73, 1)	6.51021C(73, 1)	6.11193 (144, 1)
50.0 /	8.64839C(7, 1)	9.04859C(7, 1)	9.31259C(7, 1)	9.45800C(7, 1)	9.50621C(7, 1)
40.0 /	7.18519 (180, 1)	7.47682 (180, 1)	7.56251 (180, 1)	7.53699 (180, 1)	7.45242 (180, 1)
30.0 /	4.71061 (181, 1)	4.71980 (181, 1)	4.69055 (181, 1)	4.63602 (181, 1)	4.65110 (278, 1)
20.0 /	5.11282 (305, 1)	5.33530 (305, 1)	5.43767 (305, 1)	5.47084 (305, 1)	5.46154 (305, 1)
10.0 /	6.94967 (162, 1)	6.83221 (162, 1)	6.67883 (162, 1)	6.73474C(335, 1)	6.90154C(335, 1)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1985 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 12.41483 AND OCCURRED AT (10000.0, 210.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 10000.0	11000.0	12000.0	13000.0	14000.0
360.0 /	7.51409C(158, 1)	7.34373C(158, 1)	7.26751C(231, 1)	7.24425C(231, 1)	7.21091C(231, 1)
350.0 /	6.50364 (31, 1)	6.39128 (31, 1)	6.25638 (31, 1)	6.10689 (31, 1)	5.94843 (31, 1)
340.0 /	8.40068C(332, 1)	8.16859C(332, 1)	7.94302C(332, 1)	7.72618C(332, 1)	7.51855C(332, 1)
330.0 /	7.04945 (304, 1)	6.96493 (304, 1)	6.85250 (304, 1)	6.72107 (304, 1)	6.57710 (304, 1)
320.0 /	8.17146C(211, 1)	8.12623C(211, 1)	8.04826C(211, 1)	7.94744C(211, 1)	7.83106C(211, 1)
310.0 /	5.43905 (301, 1)	5.51437 (301, 1)	5.55707 (301, 1)	5.57314 (301, 1)	5.56766 (301, 1)
300.0 /	9.06957C(252, 1)	9.25456C(252, 1)	9.40257C(252, 1)	9.51897C(252, 1)	9.60838C(252, 1)
290.0 /	11.75975C(63, 1)	11.46888C(63, 1)	11.17133C(63, 1)	10.87240C(63, 1)	10.57572C(63, 1)
280.0 /	7.02101 (300, 1)	7.00251 (300, 1)	6.94784 (300, 1)	6.86638 (300, 1)	6.76525 (300, 1)
270.0 /	8.89507 (16, 1)	8.78571 (16, 1)	8.66663 (16, 1)	8.54107 (16, 1)	8.41121 (16, 1)
260.0 /	8.15482 (129, 1)	7.99004 (129, 1)	7.82643 (129, 1)	7.66768 (129, 1)	7.51469 (129, 1)
250.0 /	9.39296 (66, 1)	9.27510 (66, 1)	9.11216 (66, 1)	8.91939 (66, 1)	8.70760 (66, 1)
240.0 /	12.29719C(50, 1)	12.17537C(50, 1)	12.02870C(50, 1)	11.88325C(239, 1)	11.90909C(239, 1)
230.0 /	7.34051C(271, 1)	7.30394C(271, 1)	7.24139C(271, 1)	7.15883C(271, 1)	7.06079C(271, 1)
220.0 /	7.30598 (272, 1)	7.36283 (272, 1)	7.38561 (272, 1)	7.38121 (272, 1)	7.35519 (272, 1)
210.0 /	12.41483 (259, 1)	12.30772 (259, 1)	12.16485 (259, 1)	11.99639 (259, 1)	11.80982 (259, 1)
200.0 /	6.01895 (315, 1)	6.09297 (315, 1)	6.20253 (109, 1)	6.33367 (109, 1)	6.44953 (109, 1)
190.0 /	6.44826 (39, 1)	6.57112 (299, 1)	6.67856 (299, 1)	6.76523 (299, 1)	6.83376 (299, 1)
180.0 /	8.96945 (337, 1)	8.91342 (337, 1)	8.81657 (337, 1)	8.69000 (337, 1)	8.54224 (337, 1)
170.0 /	5.23266 (256, 1)	5.26448 (256, 1)	5.29974 (256, 1)	5.33574 (256, 1)	5.37074 (256, 1)
160.0 /	7.02647 (12, 1)	6.99163 (12, 1)	6.92426 (12, 1)	6.83295 (12, 1)	6.72407 (12, 1)
150.0 /	6.09195 (356, 1)	6.10254 (356, 1)	6.09113 (356, 1)	6.06358 (356, 1)	6.02399 (356, 1)
140.0 /	7.44504 (15, 1)	7.24898 (15, 1)	7.04985 (15, 1)	6.85161 (15, 1)	6.65640 (15, 1)
130.0 /	7.69327 (93, 1)	7.29378 (93, 1)	6.92873 (93, 1)	6.59545 (93, 1)	6.29074 (93, 1)
120.0 /	7.52086 (15, 1)	7.44706 (15, 1)	7.34040 (15, 1)	7.21049 (15, 1)	7.12897 (59, 1)
110.0 /	9.53883 (355, 1)	9.43429 (355, 1)	9.29412 (355, 1)	9.12921 (355, 1)	8.94767 (355, 1)
100.0 /	7.10195 (44, 1)	7.01048 (44, 1)	6.89021 (44, 1)	6.75028 (44, 1)	6.59734 (44, 1)
90.0 /	10.41700 (43, 1)	9.94903 (43, 1)	9.48291 (43, 1)	9.02934 (43, 1)	8.59415 (43, 1)
80.0 /	7.45823 (137, 1)	7.06157 (137, 1)	6.69200 (137, 1)	6.34862 (137, 1)	6.02985 (137, 1)
70.0 /	6.88403 (23, 1)	6.98094 (23, 1)	7.04881 (23, 1)	7.09272 (23, 1)	7.11689 (23, 1)
60.0 /	6.23191 (144, 1)	6.25525 (144, 1)	6.24432 (144, 1)	6.20685 (144, 1)	6.14895 (144, 1)
50.0 /	9.47792C(7, 1)	9.33637C(7, 1)	9.16435C(7, 1)	8.97175C(7, 1)	8.76605C(7, 1)
40.0 /	7.33492 (180, 1)	7.15787 (180, 1)	6.97617 (180, 1)	6.79298 (180, 1)	6.61021 (180, 1)
30.0 /	4.80218 (278, 1)	4.90594 (278, 1)	4.98889 (278, 1)	5.05354 (278, 1)	5.10213 (278, 1)
20.0 /	5.42446 (305, 1)	5.33721 (305, 1)	5.24254 (305, 1)	5.14342 (305, 1)	5.04188 (305, 1)
10.0 /	6.99816C(335, 1)	6.98717C(335, 1)	6.94155C(335, 1)	6.86970C(335, 1)	6.77805C(335, 1)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1985 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 11.86251 AND OCCURRED AT (13000.0, 240.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 200.0	400.0	600.0	800.0	1000.0
360.0 /	2.64322C(311, 1)	2.09575 (149, 1)	1.97062 (221, 1)	1.93779 (221, 1)	2.72904C(236, 1)
350.0 /	2.40369 (149, 1)	1.99941C(232, 1)	1.98396 (31, 1)	2.08239 (31, 1)	2.62621C(213, 1)
340.0 /	2.36810C(232, 1)	1.91589 (333, 1)	1.90848 (333, 1)	1.95715 (333, 1)	3.38692C(213, 1)
330.0 /	2.68881C(332, 1)	2.34795C(332, 1)	1.75321C(332, 1)	1.48789C(157, 1)	2.70590C(228, 1)
320.0 /	3.18507 (237, 1)	2.39515 (237, 1)	2.06330 (237, 1)	1.93883 (237, 1)	4.12338C(235, 1)
310.0 /	3.02597C(238, 1)	2.27704C(332, 1)	1.91179C(95, 1)	1.73661C(193, 1)	4.76938C(193, 1)
300.0 /	2.52088C(238, 1)	2.64356 (242, 1)	2.35715C(252, 1)	2.60378 (1, 1)	4.50122 (210, 1)
290.0 /	2.39564C(187, 1)	1.89345C(187, 1)	1.61663C(63, 1)	2.66333 (242, 1)	3.40087 (209, 1)
280.0 /	2.61321C(330, 1)	1.86548C(330, 1)	1.72992C(330, 1)	1.65068C(330, 1)	2.96697C(218, 1)
270.0 /	3.45305 (329, 1)	2.33514C(28, 1)	2.16290C(28, 1)	2.23049 (121, 1)	3.75270 (121, 1)
260.0 /	3.65905C(330, 1)	2.33248 (245, 1)	1.96933 (245, 1)	1.76379 (241, 1)	2.32310C(218, 1)
250.0 /	3.36439C(330, 1)	2.24208 (286, 1)	1.92289 (286, 1)	1.97105 (245, 1)	2.67308C(168, 1)
240.0 /	3.56768 (329, 1)	2.93035 (296, 1)	2.42513 (296, 1)	2.48083C(78, 1)	3.30112C(224, 1)
230.0 /	3.06670C(49, 1)	2.74604 (248, 1)	2.51951 (248, 1)	2.32007 (248, 1)	2.56739C(254, 1)
220.0 /	3.48210C(317, 1)	2.59910 (315, 1)	2.23708 (246, 1)	2.26676 (272, 1)	2.47966 (210, 1)
210.0 /	3.59135C(317, 1)	2.75347C(317, 1)	2.54276C(317, 1)	2.47543 (343, 1)	4.61756C(148, 1)
200.0 /	3.23407 (247, 1)	3.09313 (258, 1)	2.58609 (258, 1)	2.73527 (108, 1)	5.21690C(148, 1)
190.0 /	3.09202 (314, 1)	2.51628C(175, 1)	2.29465 (258, 1)	2.48066 (299, 1)	3.49320C(148, 1)
180.0 /	3.32357 (314, 1)	2.91301 (298, 1)	2.48579 (281, 1)	2.42838 (337, 1)	3.37091 (314, 1)
170.0 /	2.56681 (16, 1)	2.30885 (256, 1)	2.16130 (40, 1)	2.08537 (40, 1)	2.38901C(267, 1)
160.0 /	2.60781C(321, 1)	2.21395 (356, 1)	1.92050 (356, 1)	1.79806 (356, 1)	2.29311 (6, 1)
150.0 /	2.41827C(98, 1)	1.90114C(268, 1)	1.71448 (356, 1)	1.66794C(9, 1)	1.88695C(148, 1)
140.0 /	2.14457C(27, 1)	1.63048C(321, 1)	1.48614C(321, 1)	1.42467 (159, 1)	2.61411C(168, 1)
130.0 /	2.02935C(27, 1)	1.57796C(27, 1)	1.41985 (269, 1)	1.50511 (269, 1)	2.35954C(168, 1)
120.0 /	2.31746 (365, 1)	2.28773 (365, 1)	2.23847 (59, 1)	2.19072 (365, 1)	2.43312C(213, 1)
110.0 /	1.91783C(267, 1)	2.37077 (355, 1)	2.26277C(169, 1)	2.21373C(169, 1)	2.86911C(223, 1)
100.0 /	1.72460C(45, 1)	1.92838 (285, 1)	1.65552C(169, 1)	1.52059 (285, 1)	2.54374 (159, 1)
90.0 /	2.42212 (285, 1)	1.82201 (84, 1)	1.62945C(154, 1)	1.68481C(154, 1)	2.37712C(249, 1)
80.0 /	2.01684 (82, 1)	1.60226C(154, 1)	1.33139C(154, 1)	1.31536 (137, 1)	2.43964C(249, 1)
70.0 /	2.63952 (82, 1)	2.14759 (23, 1)	1.94372 (23, 1)	2.06274C(8, 1)	3.05427C(188, 1)
60.0 /	2.62550 (106, 1)	2.08198 (106, 1)	1.76617 (153, 1)	1.78726 (23, 1)	3.06243C(188, 1)
50.0 /	2.29064 (278, 1)	1.82372 (278, 1)	1.82528C(7, 1)	2.00966 (270, 1)	2.83123C(255, 1)
40.0 /	2.44706 (278, 1)	1.85179 (91, 1)	1.64618 (91, 1)	1.66502 (180, 1)	2.86433C(255, 1)
30.0 /	2.43781 (270, 1)	1.88017 (278, 1)	1.67965 (278, 1)	1.67386 (278, 1)	2.18198 (184, 1)
20.0 /	2.13232C(231, 1)	1.73492C(160, 1)	1.47324C(61, 1)	1.46334C(61, 1)	2.56753C(224, 1)
10.0 /	2.71968C(231, 1)	2.27953C(231, 1)	1.90922C(335, 1)	2.00196C(335, 1)	2.54865C(311, 1)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1985 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 11.86251 AND OCCURRED AT (13000.0, 240.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 1200.0	1500.0	2000.0	3000.0	4000.0
360.0 /	4.14714C(212, 1)	4.21401C(212, 1)	5.32514C(158, 1)	6.04150 (115, 1)	6.04520 (346, 1)
350.0 /	3.92647C(223, 1)	4.19709C(236, 1)	4.68834C(223, 1)	4.56718C(142, 1)	5.30158 (31, 1)
340.0 /	3.80301C(213, 1)	3.60344C(213, 1)	4.27114C(332, 1)	4.74783 (333, 1)	5.76314 (32, 1)
330.0 /	3.71202C(157, 1)	3.55935C(157, 1)	4.22888C(95, 1)	5.27811C(95, 1)	5.38211 (304, 1)
320.0 /	5.07241C(193, 1)	4.56302C(193, 1)	4.32552C(95, 1)	4.63166C(211, 1)	5.66426C(95, 1)
310.0 /	5.42797C(193, 1)	4.71381C(193, 1)	6.23520C(238, 1)	6.08791C(157, 1)	6.57848C(157, 1)
300.0 /	6.19493 (210, 1)	7.27807 (210, 1)	7.04415C(235, 1)	6.97439C(238, 1)	6.75210 (210, 1)
290.0 /	4.57670 (210, 1)	5.70382 (210, 1)	6.51065C(235, 1)	5.51152C(235, 1)	5.36332C(235, 1)
280.0 /	4.04001 (210, 1)	4.67853C(218, 1)	4.99493C(218, 1)	5.04438 (318, 1)	5.77031 (318, 1)
270.0 /	4.45479C(252, 1)	4.90257 (121, 1)	6.26794C(218, 1)	7.13835 (121, 1)	7.95221 (16, 1)
260.0 /	3.52550C(218, 1)	4.10894C(218, 1)	5.25697 (227, 1)	6.31724 (217, 1)	7.41158 (297, 1)
250.0 /	3.37498C(218, 1)	3.97272C(218, 1)	4.99202 (130, 1)	6.16058 (299, 1)	6.97559C(251, 1)
240.0 /	4.15773C(224, 1)	4.82699 (111, 1)	6.27265C(218, 1)	8.83155C(50, 1)	9.70604 (111, 1)
230.0 /	3.32047 (210, 1)	3.48176 (125, 1)	4.74066C(218, 1)	5.18414C(175, 1)	5.91012C(49, 1)
220.0 /	3.28760C(148, 1)	3.17205 (216, 1)	4.23634 (124, 1)	5.88113 (146, 1)	6.55996 (146, 1)
210.0 /	5.90939C(148, 1)	5.31525C(148, 1)	4.38309 (343, 1)	5.88912 (343, 1)	7.09962 (343, 1)
200.0 /	6.60389C(148, 1)	5.92099C(148, 1)	4.53428C(148, 1)	3.72228 (229, 1)	4.11658 (315, 1)
190.0 /	4.62301C(148, 1)	5.11034 (229, 1)	4.39430 (229, 1)	4.08211 (39, 1)	4.54428 (299, 1)
180.0 /	4.19549C(267, 1)	4.54645 (229, 1)	3.93183 (131, 1)	5.23619 (337, 1)	6.45620 (99, 1)
170.0 /	3.26629C(267, 1)	3.66949C(267, 1)	3.97089 (132, 1)	4.73122 (99, 1)	4.97870 (132, 1)
160.0 /	2.90686C(150, 1)	3.88545C(150, 1)	3.36837C(133, 1)	4.43792C(150, 1)	5.50894C(360, 1)
150.0 /	2.93725 (184, 1)	3.31888 (184, 1)	3.70120C(133, 1)	4.18713C(133, 1)	4.54345C(45, 1)
140.0 /	3.13118 (184, 1)	3.17239C(150, 1)	4.16034C(134, 1)	5.38867 (93, 1)	6.02499 (93, 1)
130.0 /	2.73509 (159, 1)	3.54828 (93, 1)	5.47623 (189, 1)	7.56458 (189, 1)	7.66396 (189, 1)
120.0 /	2.95810 (126, 1)	3.44732C(213, 1)	4.14324C(68, 1)	5.38355C(134, 1)	5.97369 (138, 1)
110.0 /	3.37349C(249, 1)	4.03256C(155, 1)	4.50238 (355, 1)	6.04032 (355, 1)	7.41385 (355, 1)
100.0 /	2.96127C(223, 1)	3.26664 (138, 1)	3.42554C(249, 1)	4.46256 (44, 1)	5.55996C(19, 1)
90.0 /	3.07795 (159, 1)	4.38991 (137, 1)	5.98644 (137, 1)	7.72912 (137, 1)	8.74821 (137, 1)
80.0 /	3.53092 (137, 1)	4.58283C(249, 1)	3.81564C(249, 1)	5.62048 (153, 1)	6.01465 (153, 1)
70.0 /	3.69809C(188, 1)	4.43158C(191, 1)	5.55211 (152, 1)	6.67046 (152, 1)	6.45671 (137, 1)
60.0 /	4.65543C(230, 1)	4.89875C(230, 1)	4.93094C(255, 1)	5.88686C(214, 1)	5.84592 (152, 1)
50.0 /	4.53488C(230, 1)	4.74522C(230, 1)	4.50395C(255, 1)	5.19733 (180, 1)	5.85888 (181, 1)
40.0 /	4.46820C(255, 1)	4.91998C(255, 1)	4.55034 (184, 1)	5.23977 (180, 1)	5.73267 (143, 1)
30.0 /	4.26171 (184, 1)	4.83732C(230, 1)	3.94422C(230, 1)	4.17314C(193, 1)	4.50349C(193, 1)
20.0 /	3.17244 (184, 1)	3.95131C(230, 1)	3.55808 (184, 1)	4.00831 (284, 1)	4.35271 (284, 1)
10.0 /	3.30648C(236, 1)	3.94967 (162, 1)	5.27953 (115, 1)	6.28965C(94, 1)	6.49364C(94, 1)

SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1985

SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER)
FROM ALL SOURCES
FOR THE RECEPTOR GRID

MAXIMUM VALUE EQUALS 11.86251 AND OCCURRED AT (13000.0, 240.0)

DIRECTION / (DEGREES) /	RANGE (METERS) 5000.0	6000.0	7000.0	8000.0	9000.0
360.0 /	6.45436C(231, 1)	6.77870C(231, 1)	7.01700C(231, 1)	7.13890C(231, 1)	7.22174C(231, 1)
350.0 /	5.80755 (31, 1)	6.09926C(87, 1)	6.18045C(87, 1)	6.15573C(87, 1)	6.06902C(87, 1)
340.0 /	6.37036 (32, 1)	6.78839 (32, 1)	7.04987 (32, 1)	7.18770 (32, 1)	7.23096 (32, 1)
330.0 /	5.29009C(95, 1)	5.11315C(95, 1)	4.95113C(95, 1)	4.80452C(95, 1)	4.85960C(88, 1)
320.0 /	5.80859C(95, 1)	5.94202C(95, 1)	6.07398C(95, 1)	6.19448C(95, 1)	6.29564C(95, 1)
310.0 /	6.39516 (113, 1)	6.24844 (113, 1)	5.99830C(157, 1)	5.72178C(157, 1)	5.46206C(157, 1)
300.0 /	6.75811C(55, 1)	6.95396C(55, 1)	7.00484C(55, 1)	6.93648C(55, 1)	6.83503C(55, 1)
290.0 /	5.81581C(79, 1)	6.11872C(79, 1)	6.26608C(79, 1)	6.31297C(79, 1)	6.29380C(79, 1)
280.0 /	5.87613 (318, 1)	6.23452C(79, 1)	6.46703C(79, 1)	6.59405C(79, 1)	6.63930C(79, 1)
270.0 /	8.47587 (16, 1)	8.76499 (16, 1)	8.76383C(156, 1)	8.46068C(156, 1)	8.18508C(156, 1)
260.0 /	7.81596 (129, 1)	8.21283 (129, 1)	8.23236C(156, 1)	7.85590C(156, 1)	7.51096C(156, 1)
250.0 /	7.78300 (66, 1)	8.06998 (299, 1)	7.96907 (299, 1)	7.76965 (299, 1)	7.53060 (299, 1)
240.0 /	9.45201C(239, 1)	10.06436C(239, 1)	10.59244C(239, 1)	10.97984C(239, 1)	11.30386C(239, 1)
230.0 /	6.30908C(271, 1)	6.50803C(49, 1)	6.59488C(49, 1)	6.59040C(49, 1)	6.56117C(49, 1)
220.0 /	6.80186C(49, 1)	6.82059C(49, 1)	6.71378C(49, 1)	6.93883 (272, 1)	6.78169 (216, 1)
210.0 /	7.66516 (343, 1)	7.95825 (343, 1)	8.15001C(271, 1)	8.36887C(271, 1)	8.51133C(271, 1)
200.0 /	4.56156 (343, 1)	4.89712 (343, 1)	5.23904 (109, 1)	5.48018 (109, 1)	5.69586 (109, 1)
190.0 /	5.00809 (299, 1)	5.44440C(328, 1)	5.81822 (299, 1)	6.07646C(328, 1)	6.26821 (299, 1)
180.0 /	6.53960 (99, 1)	6.18906 (99, 1)	6.23798 (314, 1)	6.43570 (314, 1)	6.57687 (314, 1)
170.0 /	5.06473 (256, 1)	5.15279 (256, 1)	4.87673 (99, 1)	4.86014 (298, 1)	4.83294 (298, 1)
160.0 /	6.18678C(360, 1)	6.46178 (6, 1)	6.60070 (12, 1)	6.64952C(360, 1)	6.55112C(360, 1)
150.0 /	5.11580C(9, 1)	5.51782C(9, 1)	5.68373C(9, 1)	5.69207C(9, 1)	5.62062C(9, 1)
140.0 /	6.46461 (22, 1)	6.72015 (22, 1)	6.84248 (22, 1)	6.88012 (22, 1)	6.86080 (22, 1)
130.0 /	7.24876 (269, 1)	7.20765 (269, 1)	7.02701 (269, 1)	6.78170 (269, 1)	6.52044 (269, 1)
120.0 /	6.32499 (59, 1)	6.59655 (59, 1)	6.80034 (59, 1)	6.88490 (59, 1)	6.95297 (59, 1)
110.0 /	8.04204C(155, 1)	7.63750C(155, 1)	7.20710C(155, 1)	7.28610C(169, 1)	7.32146C(169, 1)
100.0 /	6.10995 (44, 1)	6.46828C(19, 1)	6.56118C(19, 1)	6.53708C(19, 1)	6.44529C(19, 1)
90.0 /	9.18525 (137, 1)	9.37428 (137, 1)	9.40078 (137, 1)	9.31966 (137, 1)	9.16759 (137, 1)
80.0 /	5.74016 (153, 1)	5.25335 (153, 1)	5.02384 (106, 1)	5.14027 (106, 1)	5.20169C(28, 1)
70.0 /	5.60999 (25, 1)	5.94129 (25, 1)	6.12765 (25, 1)	6.20556 (25, 1)	6.20452 (25, 1)
60.0 /	5.70124C(90, 1)	5.71234C(90, 1)	5.65605 (144, 1)	5.92487 (144, 1)	6.06779C(73, 1)
50.0 /	5.86220 (180, 1)	6.00842 (180, 1)	6.11569 (180, 1)	6.18362 (180, 1)	6.21384 (180, 1)
40.0 /	5.18063 (33, 1)	5.54773 (33, 1)	5.76850 (33, 1)	5.88198 (33, 1)	5.91834 (33, 1)
30.0 /	4.54362C(193, 1)	4.40479C(193, 1)	4.26065 (278, 1)	4.47140 (278, 1)	4.56265 (181, 1)
20.0 /	4.34905 (284, 1)	4.25423 (284, 1)	4.22887 (144, 1)	4.38065 (144, 1)	4.47157 (144, 1)
10.0 /	6.33957C(94, 1)	6.18860C(94, 1)	6.48265C(335, 1)	6.49781 (162, 1)	6.30396 (162, 1)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1985 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 11.86251 AND OCCURRED AT (13000.0, 240.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 10000.0	11000.0	12000.0	13000.0	14000.0
360.0 /	7.27478C(231, 1)	7.27860C(231, 1)	7.17708C(158, 1)	7.01436C(158, 1)	6.85558C(158, 1)
350.0 /	5.94601C(87, 1)	5.83257 (159, 1)	5.83258 (159, 1)	5.81707 (159, 1)	5.78952 (159, 1)
340.0 /	7.20354 (32, 1)	7.08066 (32, 1)	6.93166 (32, 1)	6.76579 (32, 1)	6.58955 (32, 1)
330.0 /	4.91852C(88, 1)	4.95610C(88, 1)	4.98590C(88, 1)	5.00838C(88, 1)	5.02403C(88, 1)
320.0 /	6.37310C(95, 1)	6.37880C(95, 1)	6.36875C(95, 1)	6.34446C(95, 1)	6.30780C(95, 1)
310.0 /	5.42076 (113, 1)	5.22037 (113, 1)	5.03753 (113, 1)	4.93990 (54, 1)	4.83685 (54, 1)
300.0 /	6.71942C(55, 1)	6.58194C(55, 1)	6.45773 (1, 1)	6.38428 (1, 1)	6.29591 (1, 1)
290.0 /	6.22986C(79, 1)	6.10129C(79, 1)	5.95926C(79, 1)	5.91926 (242, 1)	5.96996 (242, 1)
280.0 /	6.62251C(79, 1)	6.55245C(176, 1)	6.55089C(176, 1)	6.52173C(176, 1)	6.47079C(176, 1)
270.0 /	7.93764C(156, 1)	7.68652C(156, 1)	7.71990 (344, 1)	7.72731 (344, 1)	7.70562 (344, 1)
260.0 /	7.20412C(156, 1)	6.97238 (113, 1)	7.10363 (113, 1)	7.20720 (113, 1)	7.28685 (113, 1)
250.0 /	7.28113 (299, 1)	7.00781 (299, 1)	6.75018 (299, 1)	6.50892 (299, 1)	6.29044 (53, 1)
240.0 /	11.56436C(239, 1)	11.71677C(239, 1)	11.82115C(239, 1)	11.86251C(50, 1)	11.68132C(50, 1)
230.0 /	6.51782C(49, 1)	6.46208 (110, 1)	6.39651 (110, 1)	6.31720 (110, 1)	6.22711 (110, 1)
220.0 /	6.42208 (216, 1)	6.42692 (297, 1)	6.40847 (297, 1)	6.36456 (297, 1)	6.30100 (297, 1)
210.0 /	8.59349C(271, 1)	8.56678C(271, 1)	8.51210C(271, 1)	8.43536C(271, 1)	8.34125C(271, 1)
200.0 /	5.88842 (109, 1)	6.05466 (109, 1)	6.13843 (315, 1)	6.16065 (315, 1)	6.16403 (315, 1)
190.0 /	6.43966 (299, 1)	6.46060 (39, 1)	6.44453 (39, 1)	6.40658 (39, 1)	6.35175 (39, 1)
180.0 /	6.66937 (314, 1)	6.68079 (314, 1)	6.66497 (314, 1)	6.62751 (314, 1)	6.57274 (314, 1)
170.0 /	4.79295 (298, 1)	4.73875 (298, 1)	4.68412 (298, 1)	4.67233 (279, 1)	4.72421 (279, 1)
160.0 /	6.40901C(360, 1)	6.21781C(360, 1)	6.02297C(360, 1)	5.91045 (352, 1)	5.81961 (352, 1)
150.0 /	5.51232C(9, 1)	5.36600C(9, 1)	5.21921C(9, 1)	5.07507C(9, 1)	4.93462C(9, 1)
140.0 /	6.80159 (22, 1)	6.67690 (22, 1)	6.54016 (22, 1)	6.39566 (22, 1)	6.24635 (22, 1)
130.0 /	6.26244 (269, 1)	5.99454 (269, 1)	5.74433 (269, 1)	5.51111 (269, 1)	5.29342 (269, 1)
120.0 /	7.00969 (59, 1)	7.04862 (59, 1)	7.08113 (59, 1)	7.10778 (59, 1)	7.06454 (15, 1)
110.0 /	7.31879C(169, 1)	7.27076C(169, 1)	7.21029C(169, 1)	7.14171C(169, 1)	7.06767C(169, 1)
100.0 /	6.31523C(19, 1)	6.13868C(19, 1)	5.95787C(19, 1)	5.77815C(19, 1)	5.62676C(117, 1)
90.0 /	8.96957 (137, 1)	8.70147 (137, 1)	8.42837 (137, 1)	8.24162 (84, 1)	8.18364 (84, 1)
80.0 /	5.22620C(28, 1)	5.17795C(28, 1)	5.10476C(28, 1)	5.01413C(28, 1)	4.95146C(8, 1)
70.0 /	6.14723 (25, 1)	6.01752 (25, 1)	5.87049 (25, 1)	5.71337 (25, 1)	5.60899 (309, 1)
60.0 /	5.69351C(73, 1)	5.35285C(73, 1)	5.34224 (359, 1)	5.37799 (359, 1)	5.40449 (153, 1)
50.0 /	6.21007 (180, 1)	6.13676 (180, 1)	6.04808 (180, 1)	5.94756 (180, 1)	5.83828 (180, 1)
40.0 /	5.89990 (33, 1)	5.81163 (33, 1)	5.70439 (33, 1)	5.58508 (33, 1)	5.45859 (33, 1)
30.0 /	4.47513 (181, 1)	4.35341 (181, 1)	4.34111 (270, 1)	4.38178 (270, 1)	4.40809 (270, 1)
20.0 /	4.51462 (144, 1)	4.59203C(61, 1)	4.68172C(61, 1)	4.75277C(61, 1)	4.80774C(61, 1)
10.0 /	6.11046C(357, 1)	6.18855C(357, 1)	6.23029C(357, 1)	6.24243C(357, 1)	6.23073C(357, 1)

*** SO2 IMPACT-FOUR GE ON OIL-65ppm NOx-MODELED AS 1 STACK-1985 ***

* 50 MAXIMUM 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM ALL SOURCES *

RANK	CON.	PER.	DAY	X OR RANGE (METERS)	Y(METERS) OR DIRECTION (DEGREES)	RANK	CON.	PER.	DAY	X OR RANGE (METERS)	Y(METERS) OR DIRECTION (DEGREES)
1	12.41483	1	259	10000.0	210.0	26	11.71677C	1	239	11000.0	240.0
2	12.38001	1	259	9000.0	210.0	27	11.68132C	1	50	14000.0	240.0
3	12.30772	1	259	11000.0	210.0	28	11.58356	1	259	6000.0	210.0
4	12.29786C	1	50	9000.0	240.0	29	11.56436C	1	239	10000.0	240.0
5	12.29719C	1	50	10000.0	240.0	30	11.49638C	1	50	5000.0	240.0
6	12.25694	1	259	8000.0	210.0	31	11.46888C	1	63	11000.0	290.0
7	12.24347C	1	50	8000.0	240.0	32	11.38736	1	43	6000.0	90.0
8	12.17537C	1	50	11000.0	240.0	33	11.37725	1	43	7000.0	90.0
9	12.17262C	1	63	7000.0	290.0	34	11.30386C	1	239	9000.0	240.0
10	12.16485	1	259	12000.0	210.0	35	11.26663C	1	63	4000.0	290.0
11	12.13373C	1	63	6000.0	290.0	36	11.17133C	1	63	12000.0	290.0
12	12.11967C	1	50	7000.0	240.0	37	11.16196	1	43	8000.0	90.0
13	12.09858C	1	63	8000.0	290.0	38	11.07124	1	43	5000.0	90.0
14	12.02870C	1	50	12000.0	240.0	39	10.97984C	1	239	8000.0	240.0
15	12.01390	1	259	7000.0	210.0	40	10.90442	1	259	5000.0	210.0
16	11.99639	1	259	13000.0	210.0	41	10.87240C	1	63	13000.0	290.0
17	11.95320C	1	63	9000.0	290.0	42	10.82375	1	43	9000.0	90.0
18	11.90909C	1	239	14000.0	240.0	43	10.70856C	1	50	4000.0	240.0
19	11.89654C	1	50	6000.0	240.0	44	10.59244C	1	239	7000.0	240.0
20	11.89594C	1	63	5000.0	290.0	45	10.57572C	1	63	14000.0	290.0
21	11.88325C	1	239	13000.0	240.0	46	10.41700	1	43	10000.0	90.0
22	11.86251C	1	50	13000.0	240.0	47	10.26087	1	43	4000.0	90.0
23	11.82115C	1	239	12000.0	240.0	48	10.06436C	1	239	6000.0	240.0
24	11.80982	1	259	14000.0	210.0	49	9.94903	1	43	11000.0	90.0
25	11.75975C	1	63	10000.0	290.0	50	9.85598	1	259	4000.0	210.0

RUN ENDED ON 09-26-87 AT 15:13:04