KBN

KBN ENGINEERING AND
APPLIED SCIENCES, INC.

ISCST MODEL PRINTOUTS

Air Quality Impact Analysis of
Proposed Burning of Total Reduced
Sulfur Gases

Georgia Pacific Corporation

Prepared by:

KBN Engineering and Applied Sciences, Inc.
Gainesville, Florida
87046

Maximum Predicted SO_2 Concentrations

Screening Modeling Analyses for Comparison to AAQS and PSD Class II Increments

ISCSTK6 MODEL, A VERSION OF
ISCST (VERSION 86170)
AN AIR QUALITY DISPERSION MODEL IN
SECTION 1. GUIDELINE MODELS.
IN UNAMAP (VERSION 6) JULY 1986.
SOURCE: FILE 6 ON UNAMAP MAGNETIC TAPE FROM NTIS.

CONVERTED BY :
KBN ENGINEERING AND APPLIED SCIENCES, INC.
GAINESVILLE, FLORIDA
(904)375-8000

CARD INPUT FILE IS	gpscr.i81
SUMMARY OUTPUT FILE IS	gpscr.o81
METEOROLOGICAL FILE IS	c:\iscst\jaxpre81.bin
TITLE OF RUN IS	1981 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87

*** ISCST BY KBN 11/86 *** 1981 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

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) = 2
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) = 0
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 = 12
NUMBER OF SOURCE GROUPS (=0,ALL SOURCES)	NGROUP = 3
TIME PERIOD INTERVAL TO BE PRINTED (=0,ALL INTERVALS)	IPERD = 0
NUMBER OF X (RANGE) GRID VALUES	NXPNTS = 6
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 = 6.10 METERS
LOGICAL UNIT NUMBER OF METEOROLOGICAL DATA	IMET = 9
DECAY COEFFICIENT FOR PHYSICAL OR CHEMICAL DEPLETION	DECAY =0.000000E+00
SURFACE STATION NO.	ISS = 13889
YEAR OF SURFACE DATA	ISY = 81
UPPER AIR STATION NO.	IUS = 13861
YEAR OF UPPER AIR DATA	IUY = 81
ALLOCATED DATA STORAGE	LIMIT = 20000 WORDS
REQUIRED DATA STORAGE FOR THIS PROBLEM RUN	MIMIT = 10182 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
```

*** NUMBER OF SOURCE NUMBERS REQUIRED TO DEFINE SOURCE GROUPS ***
(NSOGRP)

1, 4, 3,

*** SOURCE NUMBERS DEFINING SOURCE GROUPS ***
(IDSOR)

103, 103, -1000, 9991, 9992, 103, 800, -9994,

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

1.50, 3.10, 5.10, 8.20, 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

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

500.0, 900.0, 1300.0, 1700.0, 2100.0, 2500.0,

*** 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,

*** 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)
103	0	0	0	0.98800E+02	0.0	0.0	0.0	65.00	561.00	13.50	0.98	0.00	0.00	0.00
400	0	0	0	-.15100E+02	-15.0	30.0	0.0	76.20	367.00	8.80	3.66	0.00	0.00	0.00
500	0	0	0	-.86000E+01	-43.0	7.0	0.0	40.50	372.00	7.28	3.41	0.00	0.00	0.00
800	0	0	0	0.37700E+02	-165.0	14.0	0.0	76.20	474.00	13.93	4.02	0.00	0.00	0.00
1000	0	0	0	0.88800E+02	-88.0	64.0	0.0	76.20	450.00	15.39	3.66	0.00	0.00	0.00
1100	0	0	0	0.40500E+02	-192.0	58.0	0.0	70.10	489.00	22.20	3.66	0.00	0.00	0.00
1200	0	0	0	0.45200E+02	-78.0	110.0	0.0	37.00	474.00	14.54	1.22	0.00	0.00	0.00
1300	0	0	0	0.34740E+03	-87.0	88.0	0.0	70.70	501.00	17.15	2.74	0.00	0.00	0.00
9990	0	0	0	0.20110E+03	9100.0	-5700.0	0.0	22.30	458.00	31.70	3.14	0.00	0.00	0.00
9991	0	0	0	0.20110E+03	9100.0	-5700.0	0.0	22.30	458.00	31.70	3.14	0.00	0.00	0.00
9992	0	0	0	0.16360E+04	4600.0	5800.0	0.0	205.00	326.00	8.40	15.52	0.00	0.00	0.00
9994	0	0	0	0.37080E+03	8650.0	-5700.0	0.0	45.70	408.00	11.90	3.96	0.00	0.00	0.00

* CALM HOURS (=1) FOR DAY	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	0
* CALM HOURS (=1) FOR DAY	2 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	
* CALM HOURS (=1) FOR DAY	3 *	1	1	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	
* 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	
* CALM HOURS (=1) FOR DAY	8 *	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	
* CALM HOURS (=1) FOR DAY	9 *	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	
* CALM HOURS (=1) FOR DAY	10 *	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	11 *	0	0	0	1	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	15 *	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	
* CALM HOURS (=1) FOR DAY	16 *	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	17 *	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	19 *	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	20 *	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	1	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	1	1	1	0	0	
* CALM HOURS (=1) FOR DAY	25 *	1	1	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	
* CALM HOURS (=1) FOR DAY	26 *	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	
* CALM HOURS (=1) FOR DAY	27 *	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	
* CALM HOURS (=1) FOR DAY	28 *	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	29 *	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	
* CALM HOURS (=1) FOR DAY	30 *	1	0	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	32 *	0	0	1	1	1	1	0	1	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	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	35 *	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	36 *	0	0	1	1	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	37 *	0	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY	38 *	0	0	0	0	0	0	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY	39 *	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	40 *	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	41 *	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	49 *	0	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	50 *	0	0	0	1	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	52 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	
* CALM HOURS (=1) FOR DAY	53 *	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0		

* CALM HOURS (=1) FOR DAY 55 * 0 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 56 * 0 1 0 0 1 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 57 * 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 58 * 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 59 * 0 1 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 62 * 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 1 1
* CALM HOURS (=1) FOR DAY 63 * 1 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 65 * 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 1
* CALM HOURS (=1) FOR DAY 66 * 1 1 1 1 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 67 * 1 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 68 * 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 69 * 1 1 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 70 * 1 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 71 * 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 0
* CALM HOURS (=1) FOR DAY 72 * 1 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 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 1 0 1 1 0
* CALM HOURS (=1) FOR DAY 74 * 1 1 0 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 79 * 0 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 80 * 1 0 1 0 1 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 81 * 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0
* CALM HOURS (=1) FOR DAY 83 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 84 * 1 1 1 0 1 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 85 * 0 0 1 1 1 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 86 * 0 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1
* CALM HOURS (=1) FOR DAY 87 * 1 1 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 89 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0
* CALM HOURS (=1) FOR DAY 90 * 0 0 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 91 * 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 92 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 93 * 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
* CALM HOURS (=1) FOR DAY 96 * 0 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 97 * 1 1 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 98 * 1 0 0 1 1 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 99 * 1 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 100 * 0 0 0 1 1 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 101 * 1 1 1 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 102 * 0 0 0 0 0 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 103 * 0 0 0 1 1 1 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0
* CALM HOURS (=1) FOR DAY 104 * 0 0 1 0 1 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 105 * 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 106 * 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 107 * 1 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 108 * 0 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0
* CALM HOURS (=1) FOR DAY 109 * 0 1 1 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0
* CALM HOURS (=1) FOR DAY 110 * 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
* CALM HOURS (=1) FOR DAY 111 * 0 0 0 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 112 * 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 113 * 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 114 * 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 115 * 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 116 * 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0
* CALM HOURS (=1) FOR DAY 117 * 1 1 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1
* CALM HOURS (=1) FOR DAY 118 * 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
* CALM HOURS (=1) FOR DAY 119 * 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 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
* CALM HOURS (=1) FOR DAY 122 * 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 123 * 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0
* CALM HOURS (=1) FOR DAY 124 * 1 0 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 125 * 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 1 1 0 1
* CALM HOURS (=1) FOR DAY 126 * 0 1 1 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 127 *  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 129 *  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 130 *  1  1  1  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 132 *  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  1
* CALM HOURS (=1) FOR DAY 133 *  1  0  0  1  0  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  1
* CALM HOURS (=1) FOR DAY 134 *  1  0  1  1  1  1  0  1  0  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 135 *  0  0  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 136 *  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0
* CALM HOURS (=1) FOR DAY 137 *  1  0  1  1  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 138 *  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 139 *  1  1  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 140 *  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 141 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  0  1
* CALM HOURS (=1) FOR DAY 142 *  0  0  0  1  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 143 *  1  1  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 144 *  0  1  1  1  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  1  1  1  0  0
* CALM HOURS (=1) FOR DAY 145 *  0  1  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 148 *  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 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  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 151 *  0  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 152 *  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 153 *  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 155 *  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 156 *  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 158 *  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 159 *  1  0  0  1  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 160 *  0  0  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 161 *  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 162 *  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 163 *  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 164 *  1  1  1  1  0  1  1  0  0  0  1  0  0  0  0  0  0  0  0  1  0  0  0  0
* CALM HOURS (=1) FOR DAY 165 *  1  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 166 *  1  0  1  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  1  1
* CALM HOURS (=1) FOR DAY 167 *  1  0  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0  1  1
* CALM HOURS (=1) FOR DAY 168 *  1  0  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 169 *  0  1  1  0  1  1  0  1  0  0  0  0  0  0  0  0  0  0  0  1  0  0  1
* CALM HOURS (=1) FOR DAY 170 *  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 171 *  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  1  1
* CALM HOURS (=1) FOR DAY 172 *  1  0  1  1  1  1  1  0  0  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 173 *  0  0  0  0  1  0  0  0  0  0  0  1  0  1  0  0  1  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 175 *  0  0  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 176 *  0  1  1  0  1  0  1  0  0  0  0  0  0  0  0  1  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 177 *  0  0  1  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 178 *  1  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 179 *  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 180 *  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 181 *  1  1  1  1  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1
* CALM HOURS (=1) FOR DAY 182 *  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 183 *  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 184 *  0  0  0  0  0  0  1  0  0  0  0  1  0  0  0  0  0  0  0  0  0  1  1  1
* CALM HOURS (=1) FOR DAY 185 *  1  1  1  1  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 186 *  1  1  1  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 187 *  1  0  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0
* CALM HOURS (=1) FOR DAY 188 *  0  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 189 *  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0  0  0  1  0  0  0
* CALM HOURS (=1) FOR DAY 190 *  1  1  1  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1
* CALM HOURS (=1) FOR DAY 191 *  1  1  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 192 *  1  0  1  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 193 *  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 194 * 0 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 1 0 1 1 0 0 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 1 1 0 0 0
CALM HOURS (=1) FOR DAY 199 * 1 0 0 0 1 1 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 200 * 0 0 1 1 1 1 0 1 1 1 0 0 0 1 0 1 0 0 0 0 0 0 0 0 1
CALM HOURS (=1) FOR DAY 201 * 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 203 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 1
CALM HOURS (=1) FOR DAY 204 * 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 205 * 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 206 * 0 0 0 0 1 1 0 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0
CALM HOURS (=1) FOR DAY 207 * 1 0 1 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 208 * 0 0 1 1 1 0 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0
CALM HOURS (=1) FOR DAY 209 * 1 1 1 1 1 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 210 * 0 0 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 211 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 1 1 1
CALM HOURS (=1) FOR DAY 212 * 0 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0
CALM HOURS (=1) FOR DAY 213 * 1 1 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 1 0 1
CALM HOURS (=1) FOR DAY 214 * 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 1 1
CALM HOURS (=1) FOR DAY 215 * 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 216 * 0 0 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 217 * 1 0 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 218 * 0 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 221 * 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 222 * 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 223 * 0 0 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1
CALM HOURS (=1) FOR DAY 224 * 0 1 0 0 1 1 1 1 1 0 0 0 0 0 0 1 1 1 1 0 0 0 0 0 0
CALM HOURS (=1) FOR DAY 225 * 1 0 0 1 0 1 1 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 1 1
CALM HOURS (=1) FOR DAY 226 * 1 1 0 0 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1
CALM HOURS (=1) FOR DAY 227 * 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
CALM HOURS (=1) FOR DAY 228 * 0 1 1 1 1 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 229 * 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
CALM HOURS (=1) FOR DAY 231 * 0 0 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 232 * 0 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 234 * 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 235 * 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
CALM HOURS (=1) FOR DAY 236 * 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 237 * 1 1 1 1 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 238 * 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
CALM HOURS (=1) FOR DAY 240 * 1 1 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 241 * 0 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 243 * 1 0 1 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 244 * 0 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
CALM HOURS (=1) FOR DAY 245 * 1 1 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
CALM HOURS (=1) FOR DAY 246 * 1 0 1 0 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 1 0 1 0 1
CALM HOURS (=1) FOR DAY 247 * 1 1 1 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1
CALM HOURS (=1) FOR DAY 248 * 1 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 249 * 1 1 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 250 * 1 1 0 1 0 1 0 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0
CALM HOURS (=1) FOR DAY 251 * 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0
CALM HOURS (=1) FOR DAY 252 * 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 253 * 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 254 * 0 1 1 1 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 255 * 1 0 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1
CALM HOURS (=1) FOR DAY 256 * 1 0 1 1 1 1 1 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 1 1
CALM HOURS (=1) FOR DAY 257 * 1 1 1 1 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1
CALM HOURS (=1) FOR DAY 258 * 0 1 0 1 1 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 260 * 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 1 0 0 0 0 0
CALM HOURS (=1) FOR DAY 262 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 1 1 1 0 1
CALM HOURS (=1) FOR DAY 263 * 0 1 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1
CALM HOURS (=1) FOR DAY 264 * 0 1 1 1 1 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 265 * 1 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 1 1

* CALM HOURS (=1) FOR DAY 266 * 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0
* CALM HOURS (=1) FOR DAY 267 * 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1
* CALM HOURS (=1) FOR DAY 268 * 1 1 1 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1
* CALM HOURS (=1) FOR DAY 269 * 0 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 270 * 1 0 1 1 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 271 * 1 1 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 272 * 1 1 1 0 0 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1
* CALM HOURS (=1) FOR DAY 273 * 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 274 * 1 1 1 1 1 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0
* CALM HOURS (=1) FOR DAY 276 * 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 277 * 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 278 * 1 1 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1
* CALM HOURS (=1) FOR DAY 279 * 0 1 1 1 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 280 * 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 281 * 0 0 1 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 282 * 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 0
* CALM HOURS (=1) FOR DAY 283 * 1 0 0 1 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 0
* CALM HOURS (=1) FOR DAY 288 * 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 289 * 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 1
* CALM HOURS (=1) FOR DAY 290 * 1 1 0 1 1 1 1 1 0 1 1 0 0 0 0 0 0 0 0 0 1 1 0
* CALM HOURS (=1) FOR DAY 291 * 0 1 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 292 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 0 0 0
* CALM HOURS (=1) FOR DAY 293 * 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 294 * 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 295 * 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1
* CALM HOURS (=1) FOR DAY 296 * 0 0 1 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0
* CALM HOURS (=1) FOR DAY 298 * 0 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 300 * 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 301 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 302 * 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 307 * 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 311 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 0 1 1 0
* CALM HOURS (=1) FOR DAY 312 * 0 1 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 1
* CALM HOURS (=1) FOR DAY 313 * 1 1 0 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 1 1 1 0 1
* CALM HOURS (=1) FOR DAY 314 * 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 317 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 1 0 0
* CALM HOURS (=1) FOR DAY 318 * 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 1 0 1
* CALM HOURS (=1) FOR DAY 319 * 1 0 0 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 320 * 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 322 * 0 0 0 0 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 323 * 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 325 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 1 0 0 1
* CALM HOURS (=1) FOR DAY 326 * 1 0 0 0 0 1 1 1 0 0 0 0 0 0 0 0 0 1 0 1 1 1 1 0
* CALM HOURS (=1) FOR DAY 327 * 1 0 1 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 1 1 1 1 0
* CALM HOURS (=1) FOR DAY 328 * 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 329 * 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 0 1
* CALM HOURS (=1) FOR DAY 330 * 1 1 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 331 * 0 1 1 1 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 332 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 0 0 1 0
* CALM HOURS (=1) FOR DAY 333 * 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 1 0 0 0 1
* CALM HOURS (=1) FOR DAY 334 * 1 0 0 0 0 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 1 0 0 1
* CALM HOURS (=1) FOR DAY 335 * 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
* CALM HOURS (=1) FOR DAY 337 * 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 0
* CALM HOURS (=1) FOR DAY 338 * 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 339 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 0 1
* CALM HOURS (=1) FOR DAY 340 * 1 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 1 0 1 1 0 1 1
* CALM HOURS (=1) FOR DAY 341 * 1 1 0 1 1 1 1 1 0 1 0 0 0 0 0 0 0 0 1 0 0 1 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 1 1 1 0 1 1
* CALM HOURS (=1) FOR DAY 346 * 1 0 1 1 0 1 0 0 1 0 0 0 0 0 0 1 0 1 1 1 1 0 0 0
* CALM HOURS (=1) FOR DAY 348 * 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0

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 * CALM HOURS (=1) FOR DAY 350 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  1  1  1  1  1
 * CALM HOURS (=1) FOR DAY 351 *  1  1  1  1  1  0  0  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0
 * CALM HOURS (=1) FOR DAY 354 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  1  1  1  1
 * CALM HOURS (=1) FOR DAY 355 *  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  1  1  0  0
 * CALM HOURS (=1) FOR DAY 356 *  1  1  1  1  0  1  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
 * CALM HOURS (=1) FOR DAY 357 *  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 358 *  0  0  0  0  0  0  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  1  0  1
 * CALM HOURS (=1) FOR DAY 359 *  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 361 *  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 362 *  0  0  0  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0
 * CALM HOURS (=1) FOR DAY 365 *  0  0  0  1  0  0  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
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*** ISCST BY KBN 11/86 *** 1981 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

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

* FROM SOURCES: 103, -1000, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 6.95563 AND OCCURRED AT (1300.0, 50.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0	2500.0
360.0 /	3.60155	5.15768	5.44768	5.44439	5.42915	5.43904
350.0 /	3.44166	4.50532	4.84941	4.96981	5.01594	5.02975
340.0 /	3.35714	4.09310	4.35282	4.44691	4.47655	4.45756
330.0 /	3.55142	4.54154	4.72554	4.71772	4.69376	4.64573
320.0 /	3.81655	5.58042	5.95686	5.92894	5.81428	5.65309
310.0 /	3.85612	6.11091	6.64241	6.63712	6.48671	6.24617
300.0 /	3.89555	6.12629	6.41319	6.22032	5.95935	5.65404
290.0 /	3.77850	5.68982	5.85174	5.60407	5.32273	5.02816
280.0 /	3.61453	5.22508	5.33169	5.08578	4.81039	4.54302
270.0 /	3.71593	5.47168	5.66243	5.44930	5.15912	4.86203
260.0 /	3.86938	5.67979	6.01609	5.91004	5.65729	5.35297
250.0 /	3.98562	5.83974	6.00514	5.81125	5.54953	5.26645
240.0 /	3.89828	5.76413	6.05629	5.93002	5.72167	5.48337
230.0 /	3.63290	5.43452	6.14113	6.30141	6.24198	6.05690
220.0 /	3.25507	4.88175	5.82891	6.18653	6.23764	6.09676
210.0 /	3.02352	4.27139	4.78548	4.90044	4.84646	4.67188
200.0 /	2.99010	4.09414	4.53042	4.62356	4.56991	4.39927
190.0 /	3.29971	4.68137	5.01866	4.99237	4.85584	4.62964
180.0 /	3.47235	4.94427	5.21915	5.18383	5.07768	4.89363
170.0 /	3.41524	4.96489	5.16771	5.05685	4.90427	4.71248
160.0 /	3.31841	4.77406	4.87112	4.67232	4.43139	4.19345
150.0 /	3.41041	5.01379	5.14803	4.93462	4.64820	4.36563
140.0 /	3.89974	6.22639	6.50785	6.24348	5.87811	5.52375
130.0 /	4.10797	6.54249	6.83913	6.57970	6.23051	5.91916
120.0 /	4.00699	6.09609	6.26060	5.93901	5.55929	5.26068
110.0 /	4.01463	6.12617	6.32663	6.05115	5.72164	5.48207
100.0 /	4.01081	5.85692	5.98741	5.73272	5.41303	5.14516
90.0 /	4.06131	5.96091	6.15763	5.91694	5.55042	5.25343
80.0 /	4.04326	6.10723	6.33648	6.08798	5.75456	5.48865
70.0 /	3.91642	5.73235	5.80123	5.51420	5.23804	5.01870
60.0 /	4.20254	6.24775	6.29202	5.99933	5.76626	5.55263
50.0 /	4.51846	6.79712	6.95563	6.70524	6.49100	6.25169
40.0 /	4.37286	6.16705	6.17322	5.91397	5.72574	5.52285
30.0 /	4.04997	5.57044	5.59121	5.43660	5.35825	5.29237
20.0 /	3.70955	5.09570	5.14256	5.02564	4.98425	5.00355
10.0 /	3.60096	5.17857	5.48107	5.48173	5.47818	5.52183

*** ISCST BY KBN 11/86 *** 1981 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, -1000, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 70.54467 AND OCCURRED AT (2500.0, 220.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	39.25363C(153, 1)	47.15841C(138, 1)	45.80221C(138, 1)	41.27742C(138, 1)	48.92995C(240, 1)
350.0 /	37.00951C(222, 1)	40.45891C(99, 1)	38.16075C(138, 1)	34.94939C(138, 1)	33.53798C(63, 1)
340.0 /	49.54661C(217, 1)	37.60395C(102, 1)	31.94226C(102, 1)	35.19838C(124, 1)	42.30603C(124, 1)
330.0 /	59.05566C(217, 1)	48.42300C(217, 1)	45.68750C(182, 1)	47.21551C(182, 1)	45.51445C(182, 1)
320.0 /	53.99046C(215, 1)	69.63820C(215, 1)	57.08009C(215, 1)	49.14038C(215, 1)	42.94553C(215, 1)
310.0 /	50.31944C(143, 1)	46.29688C(327, 1)	42.48912C(107, 1)	45.41956 (88, 1)	49.72087 (88, 1)
300.0 /	52.67278C(143, 1)	59.51513C(143, 1)	53.25608C(107, 1)	51.15302C(107, 1)	47.62839C(84, 1)
290.0 /	55.95252C(133, 1)	60.04883C(100, 1)	56.79506C(100, 1)	51.11499C(80, 1)	47.73653C(80, 1)
280.0 /	60.87200C(133, 1)	46.32644C(137, 1)	54.22776C(143, 1)	54.48524C(143, 1)	51.02724C(143, 1)
270.0 /	39.96954C(133, 1)	51.93602C(137, 1)	54.75626C(340, 1)	53.01149C(340, 1)	49.91503C(340, 1)
260.0 /	36.29760C(116, 1)	55.00795C(137, 1)	52.47467C(137, 1)	45.35374C(137, 1)	41.93994C(87, 1)
250.0 /	41.45959C(226, 1)	59.38398C(168, 1)	54.16408C(168, 1)	47.00561C(168, 1)	43.37996C(268, 1)
240.0 /	51.79885C(226, 1)	54.03585C(226, 1)	48.40100C(227, 1)	42.21641C(124, 1)	37.79572C(124, 1)
230.0 /	52.97939C(142, 1)	64.32526C(142, 1)	51.05453C(142, 1)	48.16060C(105, 1)	50.13110C(302, 1)
220.0 /	61.15239C(142, 1)	61.22580C(142, 1)	52.63165C(318, 1)	64.83321 (364, 1)	69.55386 (364, 1)
210.0 /	51.49623C(142, 1)	45.11903C(318, 1)	49.05254 (305, 1)	60.68003 (305, 1)	64.92518 (305, 1)
200.0 /	43.96249C(142, 1)	38.37674C(318, 1)	40.81786C(318, 1)	38.58670C(318, 1)	37.60469 (284, 1)
190.0 /	47.88057C(169, 1)	48.79165C(318, 1)	59.91571C(318, 1)	59.15915C(318, 1)	54.10526C(318, 1)
180.0 /	43.85820C(169, 1)	47.24883C(169, 1)	45.32828C(141, 1)	54.83363C(141, 1)	59.48409C(141, 1)
170.0 /	40.03161C(115, 1)	43.53222C(354, 1)	46.36050C(354, 1)	42.69165C(354, 1)	41.70682C(141, 1)
160.0 /	32.91628C(102, 1)	51.31161C(57, 1)	44.57319C(57, 1)	36.22884C(57, 1)	29.50285C(57, 1)
150.0 /	27.80334C(228, 1)	42.34711C(289, 1)	38.47540C(115, 1)	32.36063C(16, 1)	29.23643C(16, 1)
140.0 /	41.74925C(195, 1)	64.77859C(195, 1)	52.43208C(195, 1)	44.91878C(149, 1)	37.85313C(149, 1)
130.0 /	34.95263C(176, 1)	54.45708C(195, 1)	55.88947C(149, 1)	50.07397C(149, 1)	42.80115C(149, 1)
120.0 /	34.44679C(176, 1)	62.44357C(195, 1)	60.60626C(195, 1)	51.93562C(195, 1)	44.16198C(195, 1)
110.0 /	38.35364C(257, 1)	48.21838 (219, 1)	45.33280C(56, 1)	43.33448 (22, 1)	48.43227 (22, 1)
100.0 /	46.66371C(177, 1)	37.67512C(148, 1)	35.05241C(148, 1)	32.31385C(135, 1)	33.93933C(332, 1)
90.0 /	63.17341C(177, 1)	58.78197C(185, 1)	62.84464C(185, 1)	59.58242C(185, 1)	54.79470C(185, 1)
80.0 /	59.85615C(132, 1)	54.25738C(139, 1)	52.76798C(139, 1)	47.97481C(148, 1)	44.43170C(148, 1)
70.0 /	33.02837C(132, 1)	54.47372C(199, 1)	49.09917C(139, 1)	42.21386C(139, 1)	38.16221C(320, 1)
60.0 /	46.25130C(263, 1)	58.99165C(263, 1)	42.51004C(263, 1)	32.47898C(140, 1)	31.23763C(140, 1)
50.0 /	50.18053C(113, 1)	63.57952C(263, 1)	50.30964 (220, 1)	46.82363C(74, 1)	42.28885C(74, 1)
40.0 /	64.18760C(113, 1)	65.41857C(113, 1)	45.28475C(113, 1)	42.03329C(74, 1)	39.23970C(74, 1)
30.0 /	50.43768C(113, 1)	58.78211C(113, 1)	44.45678C(113, 1)	34.84097C(113, 1)	31.78320C(165, 1)
20.0 /	32.87823C(117, 1)	48.81657C(117, 1)	36.42138C(117, 1)	33.31156C(351, 1)	33.20618C(142, 1)
10.0 /	36.41768C(117, 1)	52.57936C(117, 1)	42.76405C(117, 1)	31.66674C(117, 1)	30.99354C(89, 1)

*** ISCST BY KBN 11/86 *** 1981 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, -1000, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 70.54467 AND OCCURRED AT (2500.0, 220.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	51.77482C(240, 1)
350.0 /	36.00553C(124, 1)
340.0 /	47.58348C(124, 1)
330.0 /	43.07839C(182, 1)
320.0 /	37.52970C(215, 1)
310.0 /	50.61075 (88, 1)
300.0 /	46.56915C(84, 1)
290.0 /	43.65252C(80, 1)
280.0 /	46.49116C(143, 1)
270.0 /	46.52431C(340, 1)
260.0 /	41.49471C(87, 1)
250.0 /	40.21178C(268, 1)
240.0 /	37.23264C(248, 1)
230.0 /	52.09241C(302, 1)
220.0 /	70.54467 (364, 1)
210.0 /	65.67896 (305, 1)
200.0 /	40.83792 (284, 1)
190.0 /	48.23948C(318, 1)
180.0 /	60.84216C(141, 1)
170.0 /	40.48714C(141, 1)
160.0 /	30.11813 (82, 1)
150.0 /	26.10129C(16, 1)
140.0 /	31.96381C(149, 1)
130.0 /	36.21181C(149, 1)
120.0 /	37.81710C(195, 1)
110.0 /	50.24485 (22, 1)
100.0 /	35.23167C(332, 1)
90.0 /	49.81652C(185, 1)
80.0 /	40.55112C(148, 1)
70.0 /	36.69099C(320, 1)
60.0 /	29.19381C(140, 1)
50.0 /	42.01286C(241, 1)
40.0 /	35.73849C(74, 1)
30.0 /	33.87242C(142, 1)
20.0 /	34.13976C(142, 1)
10.0 /	31.62545C(89, 1)

*** ISCST BY KBN 11/86 *** 1981 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, -1000, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 67.58373 AND OCCURRED AT (2500.0, 220.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	36.85378C(222, 1)	46.69326C(153, 1)	36.38451C(222, 1)	41.21511C(240, 1)	36.88058C(138, 1)
350.0 /	33.50810C(217, 1)	39.64991C(138, 1)	30.18761C(99, 1)	31.65397C(63, 1)	32.07672C(138, 1)
340.0 /	36.16029C(175, 1)	36.39319C(312, 1)	31.34670C(312, 1)	31.25339C(150, 1)	31.48954C(150, 1)
330.0 /	51.05841C(175, 1)	40.86965C(215, 1)	37.75418C(170, 1)	33.75671C(170, 1)	29.83094C(41, 1)
320.0 /	48.52977C(144, 1)	59.36178C(217, 1)	51.91431C(217, 1)	43.79430C(217, 1)	38.31682C(206, 1)
310.0 /	49.71536C(144, 1)	45.33833C(143, 1)	42.24010C(93, 1)	39.80722 (48, 1)	43.19885 (48, 1)
300.0 /	42.93273C(142, 1)	52.39180C(144, 1)	50.50654C(144, 1)	44.78090C(84, 1)	45.94032C(107, 1)
290.0 /	35.75885C(143, 1)	51.94833C(143, 1)	51.40934C(80, 1)	48.68349C(100, 1)	42.08707C(100, 1)
280.0 /	25.58625C(207, 1)	45.33242C(143, 1)	48.15728C(137, 1)	48.07068C(137, 1)	46.79340C(137, 1)
270.0 /	34.55602C(116, 1)	46.20599C(340, 1)	48.11452C(137, 1)	42.02917C(137, 1)	40.88011C(181, 1)
260.0 /	26.74036C(225, 1)	51.42213C(85, 1)	50.28395C(85, 1)	42.02893C(85, 1)	39.64445C(137, 1)
250.0 /	33.67979C(168, 1)	56.36539C(244, 1)	52.21994C(244, 1)	45.94294C(268, 1)	39.96172C(168, 1)
240.0 /	32.35934C(124, 1)	51.93111C(124, 1)	47.56311C(124, 1)	41.79226C(227, 1)	36.59539C(248, 1)
230.0 /	38.03789C(226, 1)	43.25099C(227, 1)	43.73776C(105, 1)	45.14651C(302, 1)	47.70138C(105, 1)
220.0 /	34.80925C(229, 1)	52.15758C(318, 1)	52.53192 (364, 1)	62.76567 (44, 1)	66.80930 (44, 1)
210.0 /	30.89520C(229, 1)	40.06276C(255, 1)	43.74880C(318, 1)	47.40743 (304, 1)	49.99332 (304, 1)
200.0 /	33.78620C(169, 1)	35.65266C(68, 1)	39.89780C(68, 1)	37.25167C(68, 1)	35.23967C(318, 1)
190.0 /	35.52867C(142, 1)	48.29301C(255, 1)	50.50620C(255, 1)	45.38375C(255, 1)	40.19851C(281, 1)
180.0 /	42.65624C(115, 1)	44.77393C(166, 1)	43.35329C(318, 1)	44.98018C(318, 1)	46.44564 (315, 1)
170.0 /	39.11339C(191, 1)	43.05186C(194, 1)	40.59798C(194, 1)	41.91251C(141, 1)	38.36367C(354, 1)
160.0 /	31.07645C(191, 1)	44.90068C(194, 1)	37.31343C(194, 1)	29.21341C(194, 1)	28.81522 (82, 1)
150.0 /	25.49594C(289, 1)	42.16023C(115, 1)	36.99516C(289, 1)	31.99064C(115, 1)	27.54916C(289, 1)
140.0 /	32.67315C(228, 1)	51.29788C(115, 1)	51.59818C(149, 1)	41.03880C(195, 1)	33.68494C(350, 1)
130.0 /	33.69457C(169, 1)	53.48895C(189, 1)	44.10103C(195, 1)	39.72277C(15, 1)	37.85527C(15, 1)
120.0 /	31.82863C(257, 1)	48.69302C(65, 1)	40.68560C(65, 1)	38.81623C(15, 1)	35.09547C(15, 1)
110.0 /	36.79249C(132, 1)	46.93731C(56, 1)	42.91583 (219, 1)	39.81316C(56, 1)	33.54092C(56, 1)
100.0 /	46.28957C(132, 1)	36.30791C(279, 1)	34.29584C(135, 1)	29.92263C(332, 1)	29.25358C(135, 1)
90.0 /	61.24416C(132, 1)	50.87500C(177, 1)	39.93204C(251, 1)	36.12998C(251, 1)	32.06581C(251, 1)
80.0 /	49.87501C(177, 1)	46.98043C(177, 1)	49.86620C(148, 1)	44.14528C(139, 1)	37.90793C(27, 1)
70.0 /	31.02619C(125, 1)	49.09022C(139, 1)	44.48314C(199, 1)	38.82492C(320, 1)	35.60817C(139, 1)
60.0 /	41.60662C(125, 1)	43.87060C(204, 1)	35.59825C(204, 1)	32.15416C(263, 1)	29.14256C(161, 1)
50.0 /	46.84498C(263, 1)	54.73779C(113, 1)	50.06192C(74, 1)	45.38866C(30, 1)	41.27988C(91, 1)
40.0 /	51.53056C(208, 1)	50.84859C(218, 1)	42.44384C(159, 1)	40.18649C(159, 1)	36.11934C(159, 1)
30.0 /	45.44660C(208, 1)	42.07692C(218, 1)	37.52370C(165, 1)	34.18137C(165, 1)	30.66383C(142, 1)
20.0 /	30.58077C(208, 1)	36.30437C(153, 1)	33.33655C(351, 1)	31.11819C(142, 1)	31.57430C(351, 1)
10.0 /	30.72979C(173, 1)	38.38450C(153, 1)	32.16566C(155, 1)	31.44527C(142, 1)	30.56998C(142, 1)

*** ISCST BY KBN 11/86 *** 1981 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, -1000, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 67.58373 AND OCCURRED AT (2500.0, 220.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	34.37872 (299, 1)
350.0 /	33.21679C(63, 1)
340.0 /	32.39846C(241, 1)
330.0 /	33.02560C(124, 1)
320.0 /	35.91080C(274, 1)
310.0 /	43.75686 (48, 1)
300.0 /	39.70713C(107, 1)
290.0 /	36.54862C(100, 1)
280.0 /	43.84874C(137, 1)
270.0 /	38.77636C(181, 1)
260.0 /	35.26277C(137, 1)
250.0 /	35.70092C(40, 1)
240.0 /	34.29504C(124, 1)
230.0 /	45.59949C(105, 1)
220.0 /	67.58373 (44, 1)
210.0 /	50.28851 (304, 1)
200.0 /	35.32963 (305, 1)
190.0 /	44.61328C(281, 1)
180.0 /	48.21421 (315, 1)
170.0 /	38.56377 (233, 1)
160.0 /	28.51188C(10, 1)
150.0 /	23.88719C(289, 1)
140.0 /	29.37758C(350, 1)
130.0 /	35.69362C(15, 1)
120.0 /	30.93739C(15, 1)
110.0 /	26.40606C(56, 1)
100.0 /	26.14123C(135, 1)
90.0 /	28.39522C(251, 1)
80.0 /	33.21266C(27, 1)
70.0 /	30.08211C(139, 1)
60.0 /	27.33108C(161, 1)
50.0 /	38.01173C(91, 1)
40.0 /	32.53751C(159, 1)
30.0 /	30.74726C(165, 1)
20.0 /	29.33931C(351, 1)
10.0 /	28.63956C(356, 1)

*** ISCST BY KBN 11/86 *** 1981 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

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

* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 17.13527 AND OCCURRED AT (1300.0, 130.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0	2500.0
360.0 /	7.63028	11.83517	13.02017	13.18092	13.14819	13.09540
350.0 /	7.29304	10.65539	11.73316	11.93071	11.87850	11.75679
340.0 /	6.88480	9.43721	10.20775	10.34000	10.28279	10.11550
330.0 /	7.08190	10.17358	10.90157	10.96063	10.89934	10.71364
320.0 /	7.61198	12.49452	13.92502	14.09009	13.90792	13.52743
310.0 /	7.81053	13.65006	15.51271	15.79147	15.53337	14.97497
300.0 /	7.85833	13.30589	14.74362	14.74514	14.27377	13.56086
290.0 /	7.65411	12.09897	13.15182	13.02285	12.51722	11.84120
280.0 /	7.82731	11.69600	12.34266	12.01901	11.41714	10.72523
270.0 /	8.35035	12.75895	13.65671	13.34089	12.65302	11.84504
260.0 /	8.65602	13.39633	14.60378	14.47098	13.81709	12.99215
250.0 /	8.73285	13.51066	14.38724	14.15331	13.51868	12.74643
240.0 /	8.55704	13.67629	14.75972	14.57414	14.03958	13.38457
230.0 /	8.01662	13.37608	15.22332	15.49686	15.25750	14.75814
220.0 /	7.43038	11.47502	13.35652	14.07286	14.22773	13.99358
210.0 /	7.28099	10.24634	11.24016	11.47162	11.37483	10.99565
200.0 /	7.67956	10.33762	11.00823	11.05352	10.86720	10.44726
190.0 /	8.20014	11.28621	12.01114	11.99113	11.70980	11.19356
180.0 /	8.45301	11.60884	12.36569	12.39304	12.16641	11.71799
170.0 /	8.44169	11.57600	12.24982	12.21636	11.94892	11.54009
160.0 /	8.39617	11.31781	11.82749	11.67455	11.27093	10.80706
150.0 /	8.96263	12.19191	12.72603	12.56298	12.12023	11.58576
140.0 /	10.40282	15.14948	16.12738	16.04770	15.58474	14.99407
130.0 /	11.05124	16.10335	17.13527	17.07829	16.64900	16.12780
120.0 /	10.73500	15.08387	15.78986	15.58082	15.11197	14.64918
110.0 /	10.71516	15.40040	16.34273	16.32422	16.00407	15.65619
100.0 /	10.73764	14.95816	15.63915	15.53247	15.12958	14.69785
90.0 /	10.59103	14.89896	15.77911	15.72768	15.32930	15.01504
80.0 /	10.42164	15.08796	16.10179	16.07136	15.79786	15.53144
70.0 /	10.11901	14.44210	15.02591	14.80831	14.55454	14.11143
60.0 /	10.04227	14.56920	15.41919	15.48635	15.43238	14.89029
50.0 /	10.23075	15.84660	16.96347	17.12149	17.04676	16.34810
40.0 /	10.29837	15.49148	15.98256	15.76875	15.49327	14.71408
30.0 /	9.68264	13.72929	14.01255	13.91531	13.85075	13.41804
20.0 /	8.62793	12.33754	12.70782	12.63648	12.63347	12.46332
10.0 /	7.94190	11.78620	12.86318	13.10165	13.22994	13.29513

*** ISCST BY KBN 11/86 *** 1981 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 157.11571 AND OCCURRED AT (900.0, 320.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	70.58706C(153, 1)	105.11407C(153, 1)	117.26037C(138, 1)	119.99780C(138, 1)	112.76272C(138, 1)
350.0 /	73.00366C(222, 1)	106.43909C(138, 1)	116.53474C(138, 1)	116.70233C(138, 1)	110.39703C(138, 1)
340.0 /	73.96571C(217, 1)	85.56158C(217, 1)	76.30047C(312, 1)	79.53662C(32, 1)	84.03966C(32, 1)
330.0 /	91.59254C(217, 1)	129.94411C(217, 1)	95.20531C(217, 1)	97.01184C(182, 1)	99.00797C(182, 1)
320.0 /	90.56125C(144, 1)	157.11571C(215, 1)	155.32640C(215, 1)	146.02658C(215, 1)	130.63268C(215, 1)
310.0 /	92.64151C(144, 1)	130.05692C(144, 1)	118.77206 (88, 1)	136.20352 (88, 1)	143.19774 (88, 1)
300.0 /	79.32144C(143, 1)	128.06300C(143, 1)	123.17406C(143, 1)	120.37742C(107, 1)	117.70267C(107, 1)
290.0 /	91.91190C(133, 1)	119.46786C(100, 1)	134.01894C(100, 1)	134.03941C(100, 1)	126.66779C(100, 1)
280.0 /	82.68939C(133, 1)	108.36906C(133, 1)	116.14115C(137, 1)	118.63056C(137, 1)	114.65991C(137, 1)
270.0 /	61.04853C(116, 1)	116.93286C(137, 1)	119.50620C(137, 1)	110.44900C(137, 1)	104.68563C(340, 1)
260.0 /	63.87804C(226, 1)	116.25077C(244, 1)	122.91783C(244, 1)	115.33299C(244, 1)	103.00146C(137, 1)
250.0 /	75.53527C(226, 1)	116.68741C(168, 1)	139.11417C(168, 1)	137.00989C(168, 1)	123.07057C(168, 1)
240.0 /	73.70238C(142, 1)	110.30981C(124, 1)	120.50687C(124, 1)	113.62642C(124, 1)	101.04307C(124, 1)
230.0 /	95.58354C(142, 1)	131.00069C(142, 1)	110.73541C(142, 1)	121.13664C(302, 1)	127.95298C(302, 1)
220.0 /	96.61764C(142, 1)	111.37519C(142, 1)	109.47765 (44, 1)	131.79471 (44, 1)	144.04012 (44, 1)
210.0 /	83.15597C(142, 1)	72.31935C(142, 1)	97.32690 (305, 1)	121.00745 (305, 1)	134.31506 (305, 1)
200.0 /	96.61089C(169, 1)	84.39897C(169, 1)	77.06370C(318, 1)	72.89009C(318, 1)	69.51495 (284, 1)
190.0 /	108.01540C(169, 1)	117.04264C(169, 1)	95.18394C(169, 1)	98.66221C(318, 1)	95.36906C(318, 1)
180.0 /	82.64496C(115, 1)	115.28597C(166, 1)	106.71908C(166, 1)	110.86721C(141, 1)	117.18816C(141, 1)
170.0 /	73.75168C(115, 1)	95.82439C(194, 1)	104.44968C(354, 1)	104.08804C(354, 1)	98.89227C(354, 1)
160.0 /	72.08237C(289, 1)	110.54289C(57, 1)	109.73588C(57, 1)	98.32096C(57, 1)	85.05272C(57, 1)
150.0 /	71.92550C(289, 1)	101.90711C(289, 1)	100.31682C(289, 1)	91.54873C(289, 1)	80.18664C(289, 1)
140.0 /	99.41598C(195, 1)	147.49626C(195, 1)	137.39136C(195, 1)	116.67139C(195, 1)	99.01648C(149, 1)
130.0 /	86.20576C(195, 1)	125.36160C(195, 1)	131.62076C(149, 1)	124.60199C(149, 1)	111.57088C(149, 1)
120.0 /	73.85223C(176, 1)	132.87502C(195, 1)	139.77852C(195, 1)	130.93445C(195, 1)	118.03580C(195, 1)
110.0 /	79.10336C(257, 1)	109.80456 (219, 1)	108.14031 (219, 1)	98.46552C(195, 1)	106.08136 (22, 1)
100.0 /	96.49416C(132, 1)	78.16187C(148, 1)	84.56437C(148, 1)	82.22005C(135, 1)	79.01474C(135, 1)
90.0 /	114.19564C(177, 1)	117.67445C(185, 1)	139.23286C(185, 1)	141.16353C(185, 1)	134.76193C(185, 1)
80.0 /	117.53103C(132, 1)	116.99325C(132, 1)	120.89677C(185, 1)	112.91328C(148, 1)	109.77861C(148, 1)
70.0 /	90.56030C(132, 1)	123.48766C(139, 1)	134.12862C(139, 1)	125.67479C(139, 1)	112.13910C(139, 1)
60.0 /	66.41080C(125, 1)	99.49517C(263, 1)	86.86831C(205, 1)	85.43600C(201, 1)	79.62563C(201, 1)
50.0 /	78.23454C(263, 1)	134.08894C(263, 1)	121.10045C(204, 1)	115.75631 (220, 1)	115.08990C(91, 1)
40.0 /	106.81287C(113, 1)	153.35962C(113, 1)	128.75839C(113, 1)	117.51362C(74, 1)	110.44685C(74, 1)
30.0 /	106.39541C(113, 1)	155.14108C(113, 1)	134.38007C(113, 1)	109.35924C(113, 1)	91.05502C(165, 1)
20.0 /	72.10737C(208, 1)	104.34851C(113, 1)	94.48649C(113, 1)	83.56261C(153, 1)	89.21533C(153, 1)
10.0 /	71.41381C(117, 1)	124.96186C(117, 1)	118.98070C(117, 1)	97.79596C(117, 1)	88.94019C(155, 1)

*** ISCST BY KBN 11/86 *** 1981 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 157.11571 AND OCCURRED AT (900.0, 320.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	104.43874C(240, 1)
350.0 /	99.14162C(138, 1)
340.0 /	84.07678C(32, 1)
330.0 /	98.32959C(182, 1)
320.0 /	114.12753C(215, 1)
310.0 /	145.24474 (88, 1)
300.0 /	109.74431C(107, 1)
290.0 /	115.17667C(100, 1)
280.0 /	106.59921C(137, 1)
270.0 /	102.38597C(340, 1)
260.0 /	103.46825C(87, 1)
250.0 /	106.32038C(168, 1)
240.0 /	88.76435C(124, 1)
230.0 /	130.16025C(302, 1)
220.0 /	150.46419 (44, 1)
210.0 /	141.61469 (305, 1)
200.0 /	75.85009 (284, 1)
190.0 /	90.07571C(318, 1)
180.0 /	118.28100C(141, 1)
170.0 /	92.02930C(354, 1)
160.0 /	73.08427 (48, 1)
150.0 /	68.53320C(289, 1)
140.0 /	88.31911C(149, 1)
130.0 /	97.98949C(149, 1)
120.0 /	104.64929C(195, 1)
110.0 /	110.23557 (22, 1)
100.0 /	82.52251C(332, 1)
90.0 /	125.32027C(185, 1)
80.0 /	103.39327C(148, 1)
70.0 /	97.77795C(139, 1)
60.0 /	74.28262C(140, 1)
50.0 /	111.78083C(91, 1)
40.0 /	101.35964C(74, 1)
30.0 /	89.68250C(165, 1)
20.0 /	83.23096C(153, 1)
10.0 /	84.59265C(155, 1)

*** ISCST BY KBN 11/86 *** 1981 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 150.51016 AND OCCURRED AT (900.0, 320.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	61.96838C(222, 1)	101.98441C(138, 1)	103.06066C(153, 1)	96.89159C(153, 1)	97.48711C(240, 1)
350.0 /	67.41418C(153, 1)	97.92261C(222, 1)	92.57309C(153, 1)	96.79205C(63, 1)	97.74682C(63, 1)
340.0 /	58.90633C(222, 1)	73.78294C(312, 1)	75.11476C(153, 1)	73.16648C(153, 1)	71.24680 (88, 1)
330.0 /	82.37505C(175, 1)	93.81647C(175, 1)	89.45547C(170, 1)	85.63771C(170, 1)	91.98286C(41, 1)
320.0 /	88.61333C(215, 1)	150.51016C(217, 1)	147.46474C(217, 1)	129.12898C(217, 1)	114.83103C(217, 1)
310.0 /	80.58274C(143, 1)	112.79240C(143, 1)	110.33440 (48, 1)	122.42393 (48, 1)	126.57826 (48, 1)
300.0 /	61.80964C(142, 1)	117.52759C(144, 1)	116.87636C(144, 1)	109.32604C(84, 1)	110.50230C(84, 1)
290.0 /	52.42476C(143, 1)	114.93160C(133, 1)	116.02511C(80, 1)	119.49363C(80, 1)	116.49344C(80, 1)
280.0 /	52.21912C(80, 1)	103.77464C(137, 1)	94.85201C(143, 1)	102.55569C(143, 1)	100.95863C(143, 1)
270.0 /	53.93584C(137, 1)	101.77781C(116, 1)	103.13033C(116, 1)	102.55341C(340, 1)	98.64873C(137, 1)
260.0 /	60.72361C(244, 1)	99.85132C(137, 1)	114.38441C(137, 1)	111.01403C(137, 1)	102.59482C(244, 1)
250.0 /	64.30094C(124, 1)	115.32755C(244, 1)	128.13876C(244, 1)	122.05345C(244, 1)	109.88845C(244, 1)
240.0 /	72.59621C(226, 1)	106.09441C(227, 1)	111.77203C(227, 1)	103.09723C(227, 1)	92.10597C(241, 1)
230.0 /	65.07735C(169, 1)	79.02660 (304, 1)	103.74255C(302, 1)	107.67793 (31, 1)	112.05495 (31, 1)
220.0 /	64.85332C(169, 1)	84.97637C(318, 1)	108.11253 (304, 1)	128.36598 (364, 1)	142.01933 (364, 1)
210.0 /	74.35990C(169, 1)	62.61260C(255, 1)	84.23927 (304, 1)	102.17303 (304, 1)	111.03857 (304, 1)
200.0 /	70.02909C(142, 1)	72.09321C(318, 1)	72.36094C(68, 1)	71.45701C(68, 1)	68.21442C(68, 1)
190.0 /	75.65089C(104, 1)	81.04420C(227, 1)	95.12637C(318, 1)	86.36424C(255, 1)	79.36972C(255, 1)
180.0 /	82.48563C(169, 1)	100.53135C(169, 1)	95.79166C(141, 1)	88.09138 (315, 1)	98.35721 (315, 1)
170.0 /	68.46358C(191, 1)	93.13100C(289, 1)	95.18845C(194, 1)	83.05183C(194, 1)	78.72580C(339, 1)
160.0 /	68.42023C(57, 1)	97.74909C(289, 1)	90.54815C(194, 1)	76.52962C(194, 1)	67.36276 (48, 1)
150.0 /	61.30217C(115, 1)	94.90709C(115, 1)	91.76845C(115, 1)	82.05632C(115, 1)	71.78606C(115, 1)
140.0 /	64.34858C(169, 1)	111.53412C(115, 1)	114.97837C(149, 1)	109.11683C(149, 1)	96.39912C(195, 1)
130.0 /	75.62751C(118, 1)	120.43549C(149, 1)	115.31749C(195, 1)	97.08199C(195, 1)	89.37334C(15, 1)
120.0 /	71.13163C(195, 1)	99.88239C(65, 1)	98.40671C(65, 1)	87.96623C(65, 1)	81.62284C(15, 1)
110.0 /	78.36167C(132, 1)	103.14486C(195, 1)	105.43407C(195, 1)	96.70045 (22, 1)	88.85421C(195, 1)
100.0 /	78.69448C(177, 1)	77.10121C(132, 1)	79.39343C(135, 1)	80.12014C(148, 1)	78.50417C(332, 1)
90.0 /	112.53717C(132, 1)	113.96754C(177, 1)	93.82135C(251, 1)	92.83153C(251, 1)	86.88439C(251, 1)
80.0 /	112.77781C(177, 1)	115.36974C(185, 1)	108.33578C(148, 1)	112.78770C(185, 1)	102.25942C(185, 1)
70.0 /	78.56140 (197, 1)	109.26208C(199, 1)	110.31588C(199, 1)	100.29504C(199, 1)	87.93016C(199, 1)
60.0 /	63.81658C(205, 1)	94.67924C(205, 1)	86.48167C(201, 1)	79.52305C(140, 1)	78.17924C(140, 1)
50.0 /	72.96270C(125, 1)	111.69245C(144, 1)	118.33344 (220, 1)	115.11353C(204, 1)	106.20963C(30, 1)
40.0 /	77.90128C(208, 1)	111.67947C(218, 1)	115.28528C(74, 1)	107.78224 (157, 1)	104.53006 (157, 1)
30.0 /	85.67766C(208, 1)	111.73948C(218, 1)	92.77341C(218, 1)	90.55734C(165, 1)	87.34161C(113, 1)
20.0 /	71.94115C(113, 1)	94.45878C(117, 1)	83.07237C(117, 1)	80.00944C(113, 1)	75.78995C(351, 1)
10.0 /	55.61296 (88, 1)	83.42566C(153, 1)	90.65060C(155, 1)	92.22321C(155, 1)	86.18880C(153, 1)

*** ISCST BY KBN 11/86 *** 1981 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 150.51016 AND OCCURRED AT (900.0, 320.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	99.22198C(138, 1)
350.0 /	95.10120C(63, 1)
340.0 /	73.88815C(124, 1)
330.0 /	95.01664C(41, 1)
320.0 /	103.80236 (88, 1)
310.0 /	126.96080 (48, 1)
300.0 /	108.80530 (48, 1)
290.0 /	111.29382C(80, 1)
280.0 /	95.87373C(143, 1)
270.0 /	90.97990C(237, 1)
260.0 /	94.34628C(179, 1)
250.0 /	101.65942C(40, 1)
240.0 /	83.21738C(241, 1)
230.0 /	113.01041 (31, 1)
220.0 /	149.20404 (364, 1)
210.0 /	114.85709 (304, 1)
200.0 /	67.64829 (45, 1)
190.0 /	81.16838C(281, 1)
180.0 /	102.58675 (315, 1)
170.0 /	75.28404C(141, 1)
160.0 /	72.80302C(57, 1)
150.0 /	67.70946 (48, 1)
140.0 /	81.43200C(115, 1)
130.0 /	86.05697C(15, 1)
120.0 /	75.32442C(15, 1)
110.0 /	78.72800C(195, 1)
100.0 /	73.34392C(135, 1)
90.0 /	79.27493C(251, 1)
80.0 /	92.32989C(185, 1)
70.0 /	82.62823C(320, 1)
60.0 /	73.68282C(161, 1)
50.0 /	100.53409C(30, 1)
40.0 /	97.01964 (157, 1)
30.0 /	76.04404C(59, 1)
20.0 /	74.15665C(348, 1)
10.0 /	83.23625C(153, 1)

ISCSTK6 MODEL, A VERSION OF
ISCST (VERSION 86170)
AN AIR QUALITY DISPERSION MODEL IN
SECTION 1. GUIDELINE MODELS.
IN UNAMAP (VERSION 6) JULY 1986.
SOURCE: FILE 6 ON UNAMAP MAGNETIC TAPE FROM NTIS.

CONVERTED BY :
KBN ENGINEERING AND APPLIED SCIENCES, INC.
GAINESVILLE, FLORIDA
(904)375-8000

CARD INPUT FILE IS	gpscr.i82
SUMMARY OUTPUT FILE IS	gpscr.o82
METEOROLOGICAL FILE IS	c:\iscst\jaxpre82.bin
TITLE OF RUN IS	1982 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87

*** ISCST BY KBN 11/86 *** 1982 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

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) = 2
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) = 0
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 = 12
NUMBER OF SOURCE GROUPS (=0,ALL SOURCES)	NGROUP = 3
TIME PERIOD INTERVAL TO BE PRINTED (=0,ALL INTERVALS)	IPERD = 0
NUMBER OF X (RANGE) GRID VALUES	NXPNTS = 6
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 = 6.10 METERS
LOGICAL UNIT NUMBER OF METEOROLOGICAL DATA	IMET = 9
DECAY COEFFICIENT FOR PHYSICAL OR CHEMICAL DEPLETION	DECAY =0.000000E+00
SURFACE STATION NO.	ISS = 13889
YEAR OF SURFACE DATA	ISY = 82
UPPER AIR STATION NO.	IUS = 13861
YEAR OF UPPER AIR DATA	IUY = 82
ALLOCATED DATA STORAGE	LIMIT = 20000 WORDS
REQUIRED DATA STORAGE FOR THIS PROBLEM RUN	MIMIT = 10182 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

*** NUMBER OF SOURCE NUMBERS REQUIRED TO DEFINE SOURCE GROUPS ***
(NSOGRP)

1, 4, 3,

*** SOURCE NUMBERS DEFINING SOURCE GROUPS ***
(IDSOR)

103, 103, -1000, 9991, 9992, 103, 800, -9994,

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

1.50, 3.10, 5.10, 8.20, 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 CATEGORY	WIND SPEED CATEGORY 1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

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

500.0, 900.0, 1300.0, 1700.0, 2100.0, 2500.0,

*** 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,

*** SOURCE DATA ***

SOURCE NUMBER	TYPE	WAKE	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)
103	0	0	0	0.98800E+02	0.0	0.0	0.0	65.00	561.00	13.50	0.98	0.00	0.00	0.00
400	0	0	0	-.15100E+02	-15.0	30.0	0.0	76.20	367.00	8.80	3.66	0.00	0.00	0.00
500	0	0	0	-.86000E+01	-43.0	7.0	0.0	40.50	372.00	7.28	3.41	0.00	0.00	0.00
800	0	0	0	0.37700E+02	-165.0	14.0	0.0	76.20	474.00	13.93	4.02	0.00	0.00	0.00
1000	0	0	0	0.88800E+02	-88.0	64.0	0.0	76.20	450.00	15.39	3.66	0.00	0.00	0.00
1100	0	0	0	0.40500E+02	-192.0	58.0	0.0	70.10	489.00	22.20	3.66	0.00	0.00	0.00
1200	0	0	0	0.45200E+02	-78.0	110.0	0.0	37.00	474.00	14.54	1.22	0.00	0.00	0.00
1300	0	0	0	0.34740E+03	-87.0	88.0	0.0	70.70	501.00	17.15	2.74	0.00	0.00	0.00
9990	0	0	0	0.20110E+03	9100.0	-5700.0	0.0	22.30	458.00	31.70	3.14	0.00	0.00	0.00
9991	0	0	0	0.20110E+03	9100.0	-5700.0	0.0	22.30	458.00	31.70	3.14	0.00	0.00	0.00
9992	0	0	0	0.16360E+04	4600.0	5800.0	0.0	205.00	326.00	8.40	15.52	0.00	0.00	0.00
9994	0	0	0	0.37080E+03	8650.0	-5700.0	0.0	45.70	408.00	11.90	3.96	0.00	0.00	0.00

* CALM HOURS (=1) FOR DAY	1 *	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	3 *	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	5 *	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
* CALM HOURS (=1) FOR DAY	6 *	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
* CALM HOURS (=1) FOR DAY	7 *	1	1	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	12 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	13 *	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	15 *	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	16 *	0	1	0	1	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	17 *	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	18 *	1	1	1	1	1	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	1
* CALM HOURS (=1) FOR DAY	19 *	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	20 *	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	21 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
* CALM HOURS (=1) FOR DAY	22 *	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	23 *	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	1
* CALM HOURS (=1) FOR DAY	25 *	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	28 *	0	0	0	1	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	1	1	1	1
* CALM HOURS (=1) FOR DAY	29 *	1	1	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	30 *	0	0	1	1	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	34 *	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	35 *	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
* CALM HOURS (=1) FOR DAY	36 *	1	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	37 *	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	38 *	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	39 *	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	41 *	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	42 *	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	43 *	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	44 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
* CALM HOURS (=1) FOR DAY	45 *	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
* CALM HOURS (=1) FOR DAY	46 *	1	0	0	1	1	1	0	0	1	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 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 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 51 * 1 0 0 1 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 53 * 0 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 54 * 1 0 1 1 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
CALM HOURS (=1) FOR DAY 61 * 0 0 0 1 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 62 * 1 1 0 1 1 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 63 * 1 0 1 0 1 1 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0
CALM HOURS (=1) FOR DAY 64 * 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 65 * 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 1 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 1 0 1 0
CALM HOURS (=1) FOR DAY 68 * 0 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1
CALM HOURS (=1) FOR DAY 69 * 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 70 * 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1
CALM HOURS (=1) FOR DAY 71 * 1 0 1 0 1 1 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1
CALM HOURS (=1) FOR DAY 72 * 1 1 0 1 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 73 * 1 1 1 1 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 74 * 1 0 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1
CALM HOURS (=1) FOR DAY 75 * 1 1 0 1 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 76 * 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 0 0
CALM HOURS (=1) FOR DAY 77 * 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 78 * 0 0 0 0 1 1 1 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 1 0
CALM HOURS (=1) FOR DAY 81 * 0 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 82 * 0 0 1 0 0 0 0 0 0 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0
CALM HOURS (=1) FOR DAY 83 * 0 1 1 0 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 84 * 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 85 * 0 0 0 0 1 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 89 * 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 90 * 0 0 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 1
CALM HOURS (=1) FOR DAY 91 * 1 1 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 92 * 0 0 0 0 1 1 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0
CALM HOURS (=1) FOR DAY 94 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 1 1 1
CALM HOURS (=1) FOR DAY 95 * 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 97 * 0 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 98 * 1 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 99 * 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
CALM HOURS (=1) FOR DAY 100 * 1 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 101 * 0 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 102 * 1 0 1 1 1 1 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
CALM HOURS (=1) FOR DAY 103 * 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 0 1 1
CALM HOURS (=1) FOR DAY 104 * 0 1 1 1 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 105 * 1 1 1 1 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 106 * 1 0 1 1 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 107 * 0 1 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 108 * 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
CALM HOURS (=1) FOR DAY 109 * 0 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 110 * 1 1 0 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0
CALM HOURS (=1) FOR DAY 111 * 0 0 0 0 0 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 1 0 1 1 1
CALM HOURS (=1) FOR DAY 112 * 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 116 * 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 117 * 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 * 0 0 1 0 1 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 122 * 1 1 1 1 1 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 123 * 1 1 1 1 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 124 * 1 1 1 1 1 0 0 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 1
CALM HOURS (=1) FOR DAY 125 * 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
CALM HOURS (=1) FOR DAY 126 * 1 1 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1
CALM HOURS (=1) FOR DAY 127 * 1 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0
CALM HOURS (=1) FOR DAY 128 * 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 129 * 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1

* CALM HOURS (=1) FOR DAY 130 *	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
* CALM HOURS (=1) FOR DAY 131 *	1	1	1	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0
* CALM HOURS (=1) FOR DAY 132 *	0	1	0	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 133 *	1	1	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
* CALM HOURS (=1) FOR DAY 134 *	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 135 *	0	1	1	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	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	1
* CALM HOURS (=1) FOR DAY 137 *	1	0	0	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 138 *	0	0	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 139 *	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 140 *	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	
* CALM HOURS (=1) FOR DAY 141 *	1	0	0	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	
* CALM HOURS (=1) FOR DAY 142 *	1	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 143 *	0	0	1	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 *	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 145 *	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 146 *	1	1	1	0	1	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	1	
* CALM HOURS (=1) FOR DAY 147 *	1	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
* CALM HOURS (=1) FOR DAY 148 *	1	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 149 *	0	0	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 150 *	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 151 *	1	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 154 *	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
* CALM HOURS (=1) FOR DAY 155 *	0	0	0	0	1	0	0	0	0	0	0	1	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	1
* CALM HOURS (=1) FOR DAY 157 *	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 158 *	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	
* CALM HOURS (=1) FOR DAY 159 *	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 160 *	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 162 *	0	0	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 163 *	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 164 *	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	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	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 167 *	0	0	1	1	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 169 *	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 171 *	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 174 *	0	1	1	1	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 175 *	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 176 *	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	1
* CALM HOURS (=1) FOR DAY 177 *	0	0	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 178 *	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 179 *	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 181 *	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 183 *	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 184 *	1	1	0	1	1	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 186 *	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY 187 *	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0
* CALM HOURS (=1) FOR DAY 188 *	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
* CALM HOURS (=1) FOR DAY 189 *	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
* CALM HOURS (=1) FOR DAY 190 *	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
* CALM HOURS (=1) FOR DAY 191 *	1	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 192 *	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 193 *	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0
* CALM HOURS (=1) FOR DAY 194 *	1	1	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY 195 *	1	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 196 *	1	1	1	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 197 *	1	0	1	1	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	1
* CALM HOURS (=1) FOR DAY 198 *	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0
* CALM HOURS (=1) FOR DAY 199 *	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	1

CALM HOURS (=1) FOR DAY 200 * 0 1 1 1 1 1 1 1 0 0 0 0 0 0 1 0 0 0 0 0 0 1 0 1
CALM HOURS (=1) FOR DAY 201 * 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 202 * 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 203 * 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 0 0 0 0
CALM HOURS (=1) FOR DAY 204 * 0 0 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 205 * 1 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1
CALM HOURS (=1) FOR DAY 206 * 1 1 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 207 * 1 1 1 0 0 1 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0
CALM HOURS (=1) FOR DAY 208 * 0 0 1 1 1 1 1 1 1 1 0 0 0 0 0 1 0 0 0 1 0 0 0 0 0
CALM HOURS (=1) FOR DAY 209 * 0 1 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 212 * 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 213 * 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 214 * 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 215 * 0 1 1 1 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 216 * 1 1 0 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 217 * 1 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 218 * 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 1
CALM HOURS (=1) FOR DAY 219 * 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 220 * 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 221 * 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0
CALM HOURS (=1) FOR DAY 222 * 0 1 1 0 0 1 1 0 0 0 0 0 1 0 0 0 0 0 0 0 1 0 0 1
CALM HOURS (=1) FOR DAY 223 * 1 1 1 1 0 1 0 1 0 0 0 0 0 1 0 0 0 0 0 0 0 0 1 1
CALM HOURS (=1) FOR DAY 224 * 0 0 0 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 225 * 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 226 * 0 1 1 1 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 227 * 0 0 0 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 228 * 1 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 229 * 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 230 * 0 0 1 1 0 0 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 1
CALM HOURS (=1) FOR DAY 231 * 1 0 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1
CALM HOURS (=1) FOR DAY 232 * 1 0 1 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 233 * 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 234 * 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 1 0
CALM HOURS (=1) FOR DAY 235 * 0 1 0 0 0 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 236 * 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 237 * 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 238 * 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 1 0 0 0 0 0 0 1
CALM HOURS (=1) FOR DAY 239 * 1 1 1 1 1 0 1 0 0 0 0 1 1 0 0 0 0 0 0 1 1 1 1 0
CALM HOURS (=1) FOR DAY 240 * 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 1 0 1
CALM HOURS (=1) FOR DAY 241 * 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 243 * 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
CALM HOURS (=1) FOR DAY 244 * 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1
CALM HOURS (=1) FOR DAY 245 * 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1
CALM HOURS (=1) FOR DAY 246 * 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 247 * 0 0 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 248 * 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 249 * 0 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 250 * 0 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 251 * 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 252 * 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 0 0
CALM HOURS (=1) FOR DAY 253 * 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 254 * 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0
CALM HOURS (=1) FOR DAY 255 * 1 0 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0
CALM HOURS (=1) FOR DAY 256 * 1 1 1 1 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 257 * 0 0 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 1 1
CALM HOURS (=1) FOR DAY 258 * 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
CALM HOURS (=1) FOR DAY 259 * 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 0 0
CALM HOURS (=1) FOR DAY 260 * 0 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1
CALM HOURS (=1) FOR DAY 261 * 1 1 1 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 262 * 1 0 1 1 1 1 1 1 1 0 0 0 0 0 0 0 1 0 0 0 0 0 0

* CALM HOURS (=1) FOR DAY 263 * 1 0 1 1 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0
* CALM HOURS (=1) FOR DAY 264 * 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 265 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 1
* CALM HOURS (=1) FOR DAY 266 * 0 1 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 1 1 1
* CALM HOURS (=1) FOR DAY 267 * 1 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 268 * 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
* CALM HOURS (=1) FOR DAY 269 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1
* CALM HOURS (=1) FOR DAY 270 * 1 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 1 0 0 1 1
* CALM HOURS (=1) FOR DAY 271 * 1 1 1 1 1 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 272 * 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 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 1 1
* CALM HOURS (=1) FOR DAY 275 * 1 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 276 * 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 277 * 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 278 * 1 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 279 * 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 280 * 0 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 0
* CALM HOURS (=1) FOR DAY 281 * 1 1 0 1 1 1 1 1 0 0 1 0 0 0 0 0 0 0 0 0 1 1 1 1 1
* CALM HOURS (=1) FOR DAY 282 * 1 1 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 283 * 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 284 * 1 0 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 285 * 0 0 1 1 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 286 * 0 1 1 1 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0
* CALM HOURS (=1) FOR DAY 287 * 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 1 0 0 1
* CALM HOURS (=1) FOR DAY 290 * 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 293 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1
* CALM HOURS (=1) FOR DAY 294 * 1 1 1 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1
* CALM HOURS (=1) FOR DAY 295 * 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 298 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 0 1 0
* CALM HOURS (=1) FOR DAY 299 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 300 * 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 302 * 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 303 * 1 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 1
* CALM HOURS (=1) FOR DAY 304 * 0 1 1 1 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 305 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 0
* CALM HOURS (=1) FOR DAY 306 * 1 1 1 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 307 * 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 309 * 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 310 * 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 313 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 0
* CALM HOURS (=1) FOR DAY 314 * 1 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 315 * 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1
* CALM HOURS (=1) FOR DAY 316 * 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 317 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 0 1 0
* CALM HOURS (=1) FOR DAY 318 * 0 0 0 1 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 319 * 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 325 * 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
* CALM HOURS (=1) FOR DAY 326 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 327 * 1 1 0 1 1 1 0 1 0 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0
* CALM HOURS (=1) FOR DAY 328 * 0 0 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0
* CALM HOURS (=1) FOR DAY 330 * 0 0 0 0 0 0 1 0 0 0 0 1 0 0 1 0 0 0 0 0 0 0 0 1
* CALM HOURS (=1) FOR DAY 331 * 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 332 * 1 1 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 333 * 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 334 * 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 335 * 0 0 0 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 336 * 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 337 * 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 338 * 0 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0

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* CALM HOURS (=1) FOR DAY 340 *  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 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  1
* CALM HOURS (=1) FOR DAY 345 *  0  1  1  1  1  1  1  1  1  1  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 349 *  1  1  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 352 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  1  1  1
* CALM HOURS (=1) FOR DAY 353 *  1  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 355 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  1  1  1  1
* CALM HOURS (=1) FOR DAY 356 *  1  1  1  1  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  1  0  1  1  1
* CALM HOURS (=1) FOR DAY 357 *  1  1  0  1  0  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  1  1  1  1  0
* CALM HOURS (=1) FOR DAY 358 *  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  0
* CALM HOURS (=1) FOR DAY 359 *  0  0  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 360 *  1  1  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 361 *  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
* 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  1  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  1  0  0  0  0  0
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*** ISCST BY KBN 11/86 *** 1982 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

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

* FROM SOURCES: 103, -1000, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 8.24037 AND OCCURRED AT (2100.0, 230.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0	2500.0
360.0 /	4.21895	5.36085	5.53007	5.50852	5.41567	5.30867
350.0 /	3.89518	5.13099	5.39003	5.39962	5.36467	5.30984
340.0 /	3.70392	4.86483	5.12258	5.15314	5.12664	5.09015
330.0 /	3.79517	5.20712	5.50722	5.50082	5.42669	5.33836
320.0 /	4.20018	6.13936	6.69205	6.77088	6.71494	6.60181
310.0 /	4.50427	6.65097	7.19434	7.16228	6.97470	6.73142
300.0 /	4.27452	5.86304	6.10287	5.93722	5.68955	5.42040
290.0 /	4.07790	5.63518	5.80758	5.64833	5.42869	5.18071
280.0 /	3.99571	5.64231	5.83297	5.68527	5.45900	5.19433
270.0 /	4.17343	6.50957	6.89417	6.75022	6.45435	6.09192
260.0 /	4.46558	7.44170	8.10400	8.09287	7.86398	7.51952
250.0 /	4.35401	6.38299	6.66112	6.48436	6.21041	5.91276
240.0 /	4.27000	6.06081	6.80754	6.98733	6.92438	6.73940
230.0 /	4.04331	5.95497	7.40479	8.05255	8.24037	8.15565
220.0 /	3.77299	5.75358	7.14965	7.73936	7.89768	7.80447
210.0 /	3.46271	4.82057	5.52155	5.76403	5.78182	5.66498
200.0 /	3.24843	4.18239	4.55086	4.64889	4.61683	4.50119
190.0 /	3.19316	4.28682	4.85779	5.09792	5.15227	5.07864
180.0 /	3.13661	4.18869	4.63936	4.77494	4.76962	4.66925
170.0 /	3.13332	4.05137	4.28942	4.29152	4.21629	4.08687
160.0 /	3.31466	4.19037	4.23009	4.10351	3.93448	3.74300
150.0 /	3.71659	4.66450	4.57247	4.33091	4.05751	3.77512
140.0 /	4.22516	5.36663	5.33688	5.13177	4.86751	4.58770
130.0 /	4.56882	6.07863	6.13037	5.89955	5.58285	5.26945
120.0 /	4.37090	5.72947	5.59157	5.27417	4.94368	4.66633
110.0 /	4.11461	5.45872	5.25479	4.92611	4.65007	4.46230
100.0 /	4.05976	5.46294	5.45234	5.22043	4.95824	4.73295
90.0 /	4.18651	5.46658	5.41093	5.14251	4.85519	4.57118
80.0 /	4.51955	5.89574	5.69200	5.28733	4.87566	4.50362
70.0 /	4.84011	6.66188	6.53312	6.06529	5.53411	5.12388
60.0 /	4.95636	7.35216	7.38157	6.89722	6.32656	5.89131
50.0 /	4.91097	7.51754	7.84874	7.56455	7.14846	6.80068
40.0 /	4.83942	7.04396	7.21889	6.91131	6.54940	6.28904
30.0 /	4.78785	6.28768	6.29917	5.99639	5.65561	5.43119
20.0 /	4.76175	6.04977	6.03544	5.73925	5.39314	5.16897
10.0 /	4.57605	5.80718	5.94246	5.86621	5.69217	5.54794

*** ISCST BY KBN 11/86 *** 1982 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, -1000, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 78.72805 AND OCCURRED AT (900.0, 310.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	35.56423C(191, 1)	55.56731C(334, 1)	51.98990C(334, 1)	43.20655C(334, 1)	44.64070C(3, 1)
350.0 /	43.52314C(134, 1)	51.61538C(334, 1)	55.38590C(334, 1)	46.75118C(334, 1)	38.71141C(334, 1)
340.0 /	60.01992C(134, 1)	60.05809C(134, 1)	47.98748C(134, 1)	38.73834C(134, 1)	31.42934C(163, 1)
330.0 /	59.28973C(134, 1)	61.59043C(133, 1)	59.95849C(133, 1)	52.83577C(133, 1)	46.97223C(133, 1)
320.0 /	59.91023C(102, 1)	55.67002C(102, 1)	47.42290C(70, 1)	47.10368C(163, 1)	43.42343C(163, 1)
310.0 /	73.40265C(102, 1)	78.72805C(102, 1)	66.64056C(102, 1)	61.78649C(70, 1)	61.76931C(70, 1)
300.0 /	55.83634C(102, 1)	68.55293C(261, 1)	58.88167C(261, 1)	48.17580C(261, 1)	40.41998C(261, 1)
290.0 /	47.82634C(137, 1)	60.44055C(261, 1)	56.24375C(137, 1)	50.24812C(137, 1)	44.79889C(137, 1)
280.0 /	38.86425C(137, 1)	51.95444C(61, 1)	42.56100C(39, 1)	39.87221C(73, 1)	37.79986C(73, 1)
270.0 /	45.89386C(187, 1)	53.89634C(303, 1)	51.84886C(267, 1)	48.67585C(122, 1)	44.98008C(122, 1)
260.0 /	53.43570C(187, 1)	59.49798C(122, 1)	60.45387C(244, 1)	55.13756C(122, 1)	50.23548C(105, 1)
250.0 /	45.22140C(109, 1)	70.56982C(109, 1)	68.74127C(109, 1)	64.28740C(109, 1)	60.15087C(109, 1)
240.0 /	63.51192C(109, 1)	73.82783C(109, 1)	60.74596C(109, 1)	51.21869C(109, 1)	45.43458C(241, 1)
230.0 /	69.58442C(109, 1)	52.33891C(109, 1)	52.35280C(241, 1)	62.38267 (87, 1)	66.47622 (87, 1)
220.0 /	64.42430C(109, 1)	62.07742C(314, 1)	65.22351C(314, 1)	68.05007 (57, 1)	72.42537 (57, 1)
210.0 /	40.73590C(109, 1)	66.76920C(314, 1)	69.64269C(314, 1)	65.44682C(314, 1)	61.61591C(314, 1)
200.0 /	32.11101 (292, 1)	39.69380C(61, 1)	38.78584C(49, 1)	35.70968 (292, 1)	35.04056C(22, 1)
190.0 /	32.08802C(314, 1)	41.94388C(101, 1)	40.45852C(314, 1)	39.00312C(314, 1)	42.02413 (296, 1)
180.0 /	34.69551C(314, 1)	45.54252C(314, 1)	44.99187C(314, 1)	39.90961C(314, 1)	38.88886 (296, 1)
170.0 /	34.74931 (292, 1)	42.37585 (292, 1)	40.43535 (292, 1)	33.73788 (292, 1)	26.73922 (292, 1)
160.0 /	37.02504C(158, 1)	46.34745C(283, 1)	39.37919C(283, 1)	31.39870C(112, 1)	29.15796C(112, 1)
150.0 /	47.83390C(215, 1)	58.11749C(157, 1)	51.60708C(157, 1)	43.05178C(157, 1)	36.64021C(157, 1)
140.0 /	53.91348C(215, 1)	67.13474C(207, 1)	56.88421C(207, 1)	45.59126C(207, 1)	36.81272C(207, 1)
130.0 /	73.82035C(112, 1)	75.67664C(104, 1)	63.89842C(104, 1)	51.43912C(104, 1)	41.53743C(104, 1)
120.0 /	71.34332C(112, 1)	49.89354C(104, 1)	37.56916C(104, 1)	45.38000C(24, 1)	48.92223C(24, 1)
110.0 /	44.93275C(165, 1)	53.05131 (185, 1)	46.21687 (185, 1)	38.60709C(50, 1)	35.71102C(50, 1)
100.0 /	54.11841C(165, 1)	58.58918C(165, 1)	43.57133C(165, 1)	33.90496C(165, 1)	30.65605C(162, 1)
90.0 /	43.72281C(165, 1)	54.45110C(165, 1)	54.23226C(328, 1)	46.97956C(328, 1)	39.56541C(328, 1)
80.0 /	38.31374C(145, 1)	44.08923C(164, 1)	40.57193C(160, 1)	39.38159C(160, 1)	34.69923C(160, 1)
70.0 /	42.16387C(145, 1)	51.86305 (170, 1)	44.79383 (170, 1)	36.49281 (170, 1)	29.73730 (170, 1)
60.0 /	40.19714C(159, 1)	51.49283C(74, 1)	54.90217 (180, 1)	48.30632 (180, 1)	42.16118C(74, 1)
50.0 /	52.99133C(159, 1)	55.63314C(178, 1)	50.45126C(178, 1)	43.20230C(203, 1)	40.48135C(199, 1)
40.0 /	50.25953C(159, 1)	63.85611C(159, 1)	57.28845C(203, 1)	51.06839C(178, 1)	46.25175C(178, 1)
30.0 /	44.05234C(205, 1)	48.21292C(167, 1)	44.19447 (152, 1)	48.56729 (152, 1)	46.92296 (152, 1)
20.0 /	50.84739C(191, 1)	55.46806C(127, 1)	47.14312C(127, 1)	38.96721C(127, 1)	32.89876C(127, 1)
10.0 /	45.66765C(191, 1)	48.61632C(107, 1)	41.32108C(212, 1)	36.03895C(212, 1)	30.36645C(212, 1)

*** ISCST BY KBN 11/86 *** 1982 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, -1000, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 78.72805 AND OCCURRED AT (900.0, 310.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	47.14501C(3, 1)
350.0 /	38.60733C(231, 1)
340.0 /	36.39906C(109, 1)
330.0 /	43.17810C(133, 1)
320.0 /	41.87451C(307, 1)
310.0 /	59.25043C(70, 1)
300.0 /	36.80099C(336, 1)
290.0 /	39.93103C(137, 1)
280.0 /	35.46917C(73, 1)
270.0 /	41.47250C(122, 1)
260.0 /	48.75128C(105, 1)
250.0 /	55.81633C(109, 1)
240.0 /	41.44991C(241, 1)
230.0 /	66.82306 (87, 1)
220.0 /	73.20277 (57, 1)
210.0 /	58.46873C(314, 1)
200.0 /	36.58574C(22, 1)
190.0 /	42.14783 (296, 1)
180.0 /	38.66592 (296, 1)
170.0 /	25.45511C(315, 1)
160.0 /	26.85264C(112, 1)
150.0 /	31.83632C(157, 1)
140.0 /	31.71248C(112, 1)
130.0 /	37.90187C(355, 1)
120.0 /	49.51600C(24, 1)
110.0 /	32.50732C(50, 1)
100.0 /	27.55857C(361, 1)
90.0 /	33.49036C(328, 1)
80.0 /	27.54828C(160, 1)
70.0 /	27.48878C(162, 1)
60.0 /	38.43220C(74, 1)
50.0 /	36.82576C(353, 1)
40.0 /	42.04927C(178, 1)
30.0 /	43.59652 (152, 1)
20.0 /	28.76078C(127, 1)
10.0 /	30.46939C(109, 1)

*** ISCST BY KBN 11/86 *** 1982 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, -1000, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 63.92237 AND OCCURRED AT (2500.0, 230.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	34.95367C(107, 1)	48.91224C(107, 1)	38.35737C(107, 1)	38.31946C(3, 1)	37.21577C(334, 1)
350.0 /	28.57025C(194, 1)	46.06330C(107, 1)	40.18477C(107, 1)	35.78275C(219, 1)	36.32561C(231, 1)
340.0 /	27.65493C(194, 1)	41.03308C(327, 1)	38.72526C(327, 1)	35.36140C(163, 1)	31.37445C(134, 1)
330.0 /	38.10740C(102, 1)	53.77538C(134, 1)	42.86296C(134, 1)	35.93532C(163, 1)	32.52542C(259, 1)
320.0 /	40.06612C(134, 1)	43.61812C(163, 1)	47.05307C(163, 1)	46.22153C(70, 1)	43.14691C(70, 1)
310.0 /	40.02284C(132, 1)	52.27057C(220, 1)	56.21556C(70, 1)	55.64048C(102, 1)	50.54565C(106, 1)
300.0 /	39.22162C(138, 1)	56.36538C(102, 1)	50.70907C(137, 1)	45.44558C(137, 1)	39.46872C(137, 1)
290.0 /	34.18391C(141, 1)	58.36169C(137, 1)	49.87420C(261, 1)	41.08562C(315, 1)	40.68708C(315, 1)
280.0 /	37.98786C(61, 1)	46.29489C(39, 1)	40.68706C(61, 1)	36.93586C(39, 1)	31.82203C(39, 1)
270.0 /	34.32676C(125, 1)	49.53179C(267, 1)	51.03709C(122, 1)	45.22284C(267, 1)	41.54345C(105, 1)
260.0 /	45.59169C(130, 1)	58.44386C(245, 1)	60.42338C(122, 1)	53.59709C(244, 1)	49.74475C(122, 1)
250.0 /	42.83459C(187, 1)	60.84572C(217, 1)	57.66041C(217, 1)	52.94286C(245, 1)	49.09033C(245, 1)
240.0 /	46.59377C(162, 1)	49.34887C(259, 1)	44.53734C(216, 1)	47.02468C(241, 1)	45.29645C(109, 1)
230.0 /	53.04992C(162, 1)	48.60437C(257, 1)	50.69136C(257, 1)	57.99898C(241, 1)	61.97079 (113, 1)
220.0 /	45.19503C(158, 1)	54.10336 (292, 1)	56.72408 (292, 1)	61.35887C(314, 1)	60.53323 (273, 1)
210.0 /	40.61899 (292, 1)	63.46095 (292, 1)	62.41460 (292, 1)	56.80919 (292, 1)	51.85043 (292, 1)
200.0 /	29.92934C(162, 1)	38.73154C(49, 1)	38.55151C(61, 1)	35.67223C(49, 1)	34.62603 (292, 1)
190.0 /	31.29541 (292, 1)	39.35526C(314, 1)	36.71302C(101, 1)	38.95237 (296, 1)	36.51062C(314, 1)
180.0 /	32.67395 (292, 1)	38.53246C(299, 1)	34.36031C(299, 1)	36.33515 (296, 1)	35.28650 (60, 1)
170.0 /	34.00989C(314, 1)	41.14095C(112, 1)	35.60585C(112, 1)	30.15230C(247, 1)	26.64271C(247, 1)
160.0 /	35.30801 (292, 1)	40.08155 (292, 1)	35.03384 (292, 1)	30.97376C(283, 1)	24.15550C(265, 1)
150.0 /	35.24937C(158, 1)	57.45550C(215, 1)	47.17408C(215, 1)	38.69954C(215, 1)	31.59007C(215, 1)
140.0 /	46.46710C(112, 1)	52.85753C(215, 1)	46.78233C(104, 1)	41.15060C(104, 1)	35.97160C(104, 1)
130.0 /	44.68353C(215, 1)	54.84547C(207, 1)	45.18885C(207, 1)	38.61403C(355, 1)	38.97232C(355, 1)
120.0 /	35.95941C(314, 1)	40.36925 (182, 1)	36.57799C(24, 1)	31.42068C(76, 1)	27.74718C(76, 1)
110.0 /	40.14173C(112, 1)	48.68818C(165, 1)	40.07443C(50, 1)	37.60906 (185, 1)	30.72844C(15, 1)
100.0 /	35.80996C(314, 1)	40.84215C(156, 1)	32.97864C(328, 1)	31.85999C(162, 1)	27.39276C(15, 1)
90.0 /	35.41164 (292, 1)	51.98476C(328, 1)	42.83702C(165, 1)	33.30026C(165, 1)	29.73939C(162, 1)
80.0 /	37.41353C(159, 1)	39.53572 (170, 1)	38.83936C(164, 1)	33.29184C(164, 1)	28.84833C(164, 1)
70.0 /	38.60449C(159, 1)	41.35923C(145, 1)	35.62225 (292, 1)	29.79356C(179, 1)	26.23781C(72, 1)
60.0 /	32.30819C(186, 1)	51.31765 (180, 1)	51.94581C(74, 1)	47.07606C(74, 1)	41.60819 (180, 1)
50.0 /	32.35121C(144, 1)	53.00980C(203, 1)	50.33877C(203, 1)	42.32233C(199, 1)	37.63575C(74, 1)
40.0 /	37.22120C(171, 1)	59.23514C(178, 1)	56.33017C(178, 1)	46.84868C(203, 1)	35.80856C(203, 1)
30.0 /	40.50269C(191, 1)	43.40482C(127, 1)	40.26566C(167, 1)	33.96532C(167, 1)	28.97462C(174, 1)
20.0 /	41.91930C(205, 1)	39.10374C(61, 1)	38.88889C(174, 1)	35.48358C(174, 1)	31.09720C(174, 1)
10.0 /	35.57454C(107, 1)	43.06060C(212, 1)	36.93770C(107, 1)	28.02059C(127, 1)	27.90599C(177, 1)

*** ISCST BY KBN 11/86 *** 1982 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, -1000, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 63.92237 AND OCCURRED AT (2500.0, 230.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	36.39886C(316, 1)
350.0 /	36.02423C(109, 1)
340.0 /	31.23118C(361, 1)
330.0 /	37.49154C(259, 1)
320.0 /	41.54500C(361, 1)
310.0 /	47.69735C(106, 1)
300.0 /	34.42778C(261, 1)
290.0 /	37.19109C(315, 1)
280.0 /	27.44345C(39, 1)
270.0 /	39.06425C(105, 1)
260.0 /	48.64194C(306, 1)
250.0 /	45.53285C(245, 1)
240.0 /	40.59742C(109, 1)
230.0 /	63.92237 (113, 1)
220.0 /	61.17251 (273, 1)
210.0 /	47.89507 (292, 1)
200.0 /	33.22566 (292, 1)
190.0 /	37.72575 (59, 1)
180.0 /	37.26126 (60, 1)
170.0 /	24.30728C(247, 1)
160.0 /	22.65629C(265, 1)
150.0 /	26.58556C(85, 1)
140.0 /	31.63371C(104, 1)
130.0 /	34.43436C(44, 1)
120.0 /	26.12763C(299, 1)
110.0 /	28.75515C(15, 1)
100.0 /	26.52281C(162, 1)
90.0 /	27.03302C(162, 1)
80.0 /	26.02900C(328, 1)
70.0 /	24.46959 (170, 1)
60.0 /	36.29642 (180, 1)
50.0 /	36.55524C(199, 1)
40.0 /	31.31351 (211, 1)
30.0 /	29.47223C(257, 1)
20.0 /	28.28537C(109, 1)
10.0 /	26.49069C(177, 1)

*** ISCST BY KBN 11/86 *** 1982 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

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

* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 19.44345 AND OCCURRED AT (2100.0, 230.0) *

DIRECTION /	RANGE (METERS)					
(DEGREES) /	500.0	900.0	1300.0	1700.0	2100.0	2500.0
360.0 /	9.22426	13.01364	13.62625	13.51077	13.12215	12.70167
350.0 /	8.38094	12.11048	13.06825	13.16525	12.98144	12.62928
340.0 /	7.79349	11.15870	12.24365	12.45656	12.34196	12.06163
330.0 /	7.73204	11.58520	12.92284	13.20803	13.11631	12.84581
320.0 /	8.47918	13.93622	15.96668	16.48782	16.48178	16.20353
310.0 /	8.86527	14.94564	17.01089	17.33783	17.08357	16.55762
300.0 /	8.37190	12.87915	13.90878	13.81017	13.35338	12.73310
290.0 /	8.11868	12.22116	13.11270	13.05212	12.64274	12.04855
280.0 /	8.53609	12.74313	13.62810	13.48074	12.96140	12.27131
270.0 /	9.04964	15.29907	16.87231	16.74995	15.98732	14.97167
260.0 /	9.23130	15.57837	17.94870	18.59920	18.36813	17.66001
250.0 /	9.20631	14.55103	15.68856	15.44749	14.76314	13.94334
240.0 /	9.18201	15.18189	16.89946	17.03970	16.66078	16.07546
230.0 /	8.64098	15.01988	18.14229	19.23134	19.44345	19.19281
220.0 /	7.89358	12.79124	15.60490	16.81458	17.22441	17.16960
210.0 /	7.36060	10.51211	12.02379	12.55657	12.63468	12.45489
200.0 /	7.28309	9.76655	10.51972	10.63742	10.50298	10.24089
190.0 /	7.25593	9.98789	11.20291	11.68007	11.77926	11.65650
180.0 /	7.17933	9.71905	10.72978	11.05192	11.05943	10.89355
170.0 /	7.30942	9.36446	9.95382	10.04779	9.91867	9.68601
160.0 /	7.95191	9.97615	10.23793	10.13307	9.84468	9.48114
150.0 /	8.90186	11.10973	11.18638	10.93800	10.52498	10.03164
140.0 /	10.14613	13.00600	13.25097	13.06902	12.68304	12.21912
130.0 /	11.14899	14.81192	15.31604	15.13396	14.66041	14.11959
120.0 /	10.98783	14.29103	14.51780	14.19786	13.71442	13.26287
110.0 /	10.44202	13.62178	13.98218	13.85171	13.58668	13.33423
100.0 /	10.23474	13.51486	14.19974	14.24440	13.99276	13.61241
90.0 /	10.32075	13.71469	14.21096	14.01636	13.53876	12.96591
80.0 /	10.58734	14.11638	14.40625	13.97348	13.28246	12.69688
70.0 /	11.06820	15.40614	15.87397	15.32980	14.52221	13.94285
60.0 /	11.50525	17.02757	17.87713	17.34346	16.53118	15.86259
50.0 /	11.75989	17.73392	18.97162	18.77401	18.26428	17.73077
40.0 /	11.58735	17.51911	18.43370	17.86982	17.16993	16.56907
30.0 /	11.18960	15.78027	16.02653	15.25615	14.47906	13.93190
20.0 /	10.62638	14.55570	14.84648	14.19007	13.46026	13.00940
10.0 /	9.99120	14.07426	14.63435	14.36045	13.83663	13.44787

*** ISCST BY KBN 11/86 *** 1982 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 210.48618 AND OCCURRED AT (900.0, 310.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	73.68554C(261, 1)	118.45128C(107, 1)	123.14816C(334, 1)	117.28208C(334, 1)	112.17962C(334, 1)
350.0 /	89.44087C(134, 1)	118.06126C(334, 1)	128.91371C(334, 1)	117.14566C(334, 1)	108.38667C(361, 1)
340.0 /	119.86759C(134, 1)	163.61971C(134, 1)	142.36848C(134, 1)	120.92493C(134, 1)	103.86489C(361, 1)
330.0 /	126.70573C(134, 1)	163.62065C(134, 1)	149.01630C(133, 1)	148.41104C(133, 1)	140.99571C(133, 1)
320.0 /	118.96856C(102, 1)	151.89012C(102, 1)	126.77872C(70, 1)	133.63861C(70, 1)	133.50394C(70, 1)
310.0 /	138.05920C(102, 1)	210.48618C(102, 1)	182.17468C(102, 1)	159.03984C(102, 1)	161.76256C(70, 1)
300.0 /	95.09730C(102, 1)	145.52121C(261, 1)	146.15964C(261, 1)	137.48141C(261, 1)	125.15046C(261, 1)
290.0 /	78.72355C(137, 1)	134.19778C(137, 1)	138.03261C(137, 1)	128.86505C(137, 1)	119.86781C(137, 1)
280.0 /	65.99200C(187, 1)	87.04774C(187, 1)	99.60452C(39, 1)	98.65533C(39, 1)	91.09924C(39, 1)
270.0 /	91.00544C(187, 1)	138.86838C(187, 1)	138.72554C(122, 1)	135.21172C(122, 1)	125.23985C(122, 1)
260.0 /	93.95237C(187, 1)	129.73845C(187, 1)	127.12831C(122, 1)	129.75328C(244, 1)	125.35011C(244, 1)
250.0 /	88.21936C(109, 1)	152.64365C(109, 1)	150.84293C(109, 1)	144.95332C(109, 1)	136.19655C(109, 1)
240.0 /	106.15227C(109, 1)	146.95308C(109, 1)	120.10007C(109, 1)	112.87942C(241, 1)	111.52982C(241, 1)
230.0 /	106.75545C(109, 1)	118.68917C(109, 1)	127.17384C(241, 1)	144.91078C(241, 1)	152.48570 (113, 1)
220.0 /	83.52488C(109, 1)	117.65231C(314, 1)	139.80571C(314, 1)	142.66202C(314, 1)	144.96448 (57, 1)
210.0 /	52.89069C(162, 1)	82.77414C(61, 1)	91.98355C(314, 1)	95.64372C(314, 1)	96.23196C(314, 1)
200.0 /	50.53738C(101, 1)	75.44802C(101, 1)	84.97189C(49, 1)	85.65350C(49, 1)	80.87012C(49, 1)
190.0 /	50.37736C(101, 1)	86.99483C(101, 1)	96.25658 (296, 1)	108.80528 (296, 1)	113.74112 (296, 1)
180.0 /	44.41319C(240, 1)	76.19917C(299, 1)	79.73585C(299, 1)	86.88503 (296, 1)	92.42141 (296, 1)
170.0 /	60.79721C(112, 1)	100.50610C(112, 1)	98.25198C(112, 1)	87.27130C(112, 1)	74.84140C(112, 1)
160.0 /	69.87534C(215, 1)	92.08644C(283, 1)	89.28496C(283, 1)	79.27512C(112, 1)	72.97268C(112, 1)
150.0 /	105.78404C(215, 1)	123.76249C(215, 1)	121.39494C(157, 1)	109.86654C(157, 1)	97.12964C(157, 1)
140.0 /	114.55671C(215, 1)	142.86971C(207, 1)	139.15546C(207, 1)	123.55386C(207, 1)	105.88857C(207, 1)
130.0 /	155.01244C(112, 1)	148.82889C(104, 1)	145.28967C(104, 1)	129.22922C(104, 1)	110.66608C(104, 1)
120.0 /	152.41245C(112, 1)	108.15967C(104, 1)	96.99773C(104, 1)	107.16166C(24, 1)	117.06676C(24, 1)
110.0 /	101.79727C(112, 1)	114.99298C(165, 1)	112.52371 (185, 1)	101.56322 (185, 1)	89.08177C(50, 1)
100.0 /	127.05318C(165, 1)	146.77589C(165, 1)	124.63751C(165, 1)	102.28375C(165, 1)	102.15216C(361, 1)
90.0 /	117.71948C(165, 1)	140.03455C(165, 1)	119.33345C(165, 1)	111.92273C(328, 1)	102.68641C(328, 1)
80.0 /	87.40083C(165, 1)	103.01531C(165, 1)	101.68443C(164, 1)	101.83040C(361, 1)	82.11792C(361, 1)
70.0 /	95.15655C(145, 1)	114.29999C(145, 1)	114.99847 (170, 1)	103.94421 (170, 1)	89.77357 (170, 1)
60.0 /	86.82197C(145, 1)	105.69387 (180, 1)	125.81045 (180, 1)	123.13025 (180, 1)	115.03017 (180, 1)
50.0 /	89.15248C(159, 1)	111.58889C(159, 1)	119.57887C(74, 1)	120.96886C(74, 1)	116.40632C(74, 1)
40.0 /	95.30352C(159, 1)	149.89185C(159, 1)	153.35123C(203, 1)	145.65897C(178, 1)	132.21411C(178, 1)
30.0 /	78.49440C(361, 1)	122.28970C(159, 1)	123.34882C(167, 1)	112.69806C(167, 1)	95.37392C(167, 1)
20.0 /	77.30177C(361, 1)	122.44983C(127, 1)	129.60899C(127, 1)	119.76395C(127, 1)	108.23224C(127, 1)
10.0 /	75.15804C(361, 1)	101.17079C(127, 1)	102.85671C(212, 1)	93.67082C(212, 1)	83.51442C(127, 1)

*** ISCST BY KBN 11/86 *** 1982 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 210.48618 AND OCCURRED AT (900.0, 310.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	110.35683C(334, 1)
350.0 /	100.44832C(334, 1)
340.0 /	105.57336C(361, 1)
330.0 /	132.21262C(133, 1)
320.0 /	130.04410C(70, 1)
310.0 /	160.04468C(70, 1)
300.0 /	111.32084C(261, 1)
290.0 /	110.80344C(137, 1)
280.0 /	85.31941C(73, 1)
270.0 /	114.37289C(122, 1)
260.0 /	119.15712C(244, 1)
250.0 /	125.05698C(109, 1)
240.0 /	100.30370C(241, 1)
230.0 /	159.78047 (113, 1)
220.0 /	152.74968 (57, 1)
210.0 /	94.61774C(314, 1)
200.0 /	74.86388C(22, 1)
190.0 /	114.97152 (296, 1)
180.0 /	94.19470 (296, 1)
170.0 /	64.13116C(247, 1)
160.0 /	66.49879C(112, 1)
150.0 /	85.17275C(157, 1)
140.0 /	89.64577C(207, 1)
130.0 /	93.60346C(104, 1)
120.0 /	121.74248C(24, 1)
110.0 /	94.69454C(361, 1)
100.0 /	104.44238C(361, 1)
90.0 /	92.46299C(328, 1)
80.0 /	72.81785C(337, 1)
70.0 /	76.36426 (170, 1)
60.0 /	106.00517 (180, 1)
50.0 /	114.66413C(74, 1)
40.0 /	118.38251C(178, 1)
30.0 /	86.38673 (152, 1)
20.0 /	98.73104C(127, 1)
10.0 /	75.75823C(127, 1)

*** ISCST BY KBN 11/86 *** 1982 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 156.75005 AND OCCURRED AT (1700.0, 310.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	72.04473C(361, 1)	115.19887C(334, 1)	94.37502C(361, 1)	96.67935C(361, 1)	95.30798C(362, 1)
350.0 /	68.00392C(361, 1)	110.81081C(107, 1)	116.26623C(219, 1)	106.53245C(361, 1)	106.31971C(334, 1)
340.0 /	63.14194C(361, 1)	80.66449C(62, 1)	94.00149C(361, 1)	100.41607C(361, 1)	101.32541C(134, 1)
330.0 /	80.34747C(102, 1)	132.58717C(133, 1)	144.12280C(134, 1)	121.57193C(134, 1)	100.52451C(134, 1)
320.0 /	93.63087C(134, 1)	119.02195C(134, 1)	119.39423C(189, 1)	117.95527C(189, 1)	123.38361C(361, 1)
310.0 /	87.48476C(134, 1)	138.36331C(220, 1)	141.24721C(220, 1)	156.75005C(70, 1)	145.35382C(102, 1)
300.0 /	76.18108C(137, 1)	134.09981C(137, 1)	136.81387C(137, 1)	125.71653C(137, 1)	112.00426C(137, 1)
290.0 /	64.30846C(141, 1)	114.69956C(261, 1)	118.74468C(261, 1)	112.53377C(261, 1)	102.36113C(261, 1)
280.0 /	58.36162C(137, 1)	84.97868C(39, 1)	85.06038C(73, 1)	89.56596C(73, 1)	88.49986C(73, 1)
270.0 /	64.58475C(130, 1)	118.81407C(122, 1)	134.84100C(187, 1)	125.88617C(187, 1)	112.34615C(187, 1)
260.0 /	73.42430C(130, 1)	115.72302C(245, 1)	127.01614C(244, 1)	128.97757C(122, 1)	124.06351C(122, 1)
250.0 /	77.11028C(187, 1)	113.20901C(124, 1)	103.89297C(217, 1)	109.44760C(245, 1)	109.18343C(245, 1)
240.0 /	77.97480C(162, 1)	96.77622C(216, 1)	107.87769C(216, 1)	106.23473C(109, 1)	99.70254 (87, 1)
230.0 /	77.32858C(162, 1)	104.12148C(257, 1)	115.84044C(257, 1)	138.42056 (113, 1)	145.24246 (87, 1)
220.0 /	65.52534C(158, 1)	101.26073 (292, 1)	115.94637 (292, 1)	130.79741 (57, 1)	136.49226C(314, 1)
210.0 /	47.25010C(223, 1)	78.68192C(314, 1)	88.05473C(61, 1)	84.85268C(61, 1)	83.02043 (341, 1)
200.0 /	48.11008C(194, 1)	72.69171C(49, 1)	69.28619C(101, 1)	63.26375C(22, 1)	71.30349C(22, 1)
190.0 /	47.62365C(82, 1)	78.60630C(299, 1)	83.63795C(101, 1)	73.47565C(299, 1)	71.36196 (59, 1)
180.0 /	44.04557C(82, 1)	65.07590C(82, 1)	73.77724 (296, 1)	76.57358 (60, 1)	82.77151 (60, 1)
170.0 /	58.01423C(184, 1)	67.83659C(283, 1)	67.99965C(247, 1)	67.63614C(247, 1)	65.72115C(247, 1)
160.0 /	62.38278C(184, 1)	85.76721C(157, 1)	83.83768C(112, 1)	78.25092C(283, 1)	65.81452C(283, 1)
150.0 /	74.06561C(207, 1)	123.46294C(157, 1)	107.53078C(215, 1)	92.08648C(215, 1)	77.37353C(215, 1)
140.0 /	106.30283C(112, 1)	118.04208C(112, 1)	100.51072C(104, 1)	94.04927C(104, 1)	89.88052C(112, 1)
130.0 /	93.25188C(215, 1)	123.42982C(207, 1)	116.66485C(207, 1)	101.20716C(207, 1)	90.01365C(355, 1)
120.0 /	74.91470C(104, 1)	99.29311C(112, 1)	88.89994C(24, 1)	81.03284C(104, 1)	73.87320C(76, 1)
110.0 /	94.06620C(165, 1)	111.55880 (185, 1)	102.99953C(165, 1)	91.47111C(50, 1)	88.09029 (185, 1)
100.0 /	65.29260C(237, 1)	94.31745C(237, 1)	85.98137C(156, 1)	95.27161C(361, 1)	80.29870C(165, 1)
90.0 /	64.35954C(361, 1)	101.12737C(328, 1)	115.82438C(328, 1)	101.92886C(361, 1)	101.39695C(361, 1)
80.0 /	81.75547C(145, 1)	99.31808C(164, 1)	98.90403C(361, 1)	91.85082C(164, 1)	80.44600C(164, 1)
70.0 /	73.37466C(361, 1)	110.97124 (170, 1)	100.73257C(361, 1)	94.58063C(361, 1)	77.35963C(179, 1)
60.0 /	77.57615C(159, 1)	102.97681C(145, 1)	115.42052C(74, 1)	113.50630C(74, 1)	106.30882C(74, 1)
50.0 /	78.02085C(361, 1)	102.56838C(74, 1)	113.66531C(203, 1)	102.75417C(203, 1)	86.68685C(232, 1)
40.0 /	78.74436C(361, 1)	140.87866C(203, 1)	152.93689C(178, 1)	130.79521C(203, 1)	105.42083 (211, 1)
30.0 /	76.65822C(159, 1)	116.13930C(167, 1)	109.31132C(159, 1)	86.37844C(116, 1)	86.14333 (152, 1)
20.0 /	72.19104C(191, 1)	98.47705C(167, 1)	99.96619C(167, 1)	88.72366C(174, 1)	85.61050C(174, 1)
10.0 /	74.95640C(191, 1)	94.52159C(212, 1)	101.87122C(127, 1)	93.21986C(127, 1)	80.37450C(212, 1)

*** ISCST BY KBN 11/86 *** 1982 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 156.75005 AND OCCURRED AT (1700.0, 310.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	96.57059C(362, 1)
350.0 /	98.12643C(361, 1)
340.0 /	89.13068C(62, 1)
330.0 /	91.39376C(361, 1)
320.0 /	129.73488C(361, 1)
310.0 /	133.24934C(102, 1)
300.0 /	106.44131C(336, 1)
290.0 /	90.85668C(261, 1)
280.0 /	81.77975C(39, 1)
270.0 /	97.60354C(187, 1)
260.0 /	116.50945C(122, 1)
250.0 /	105.58645C(245, 1)
240.0 /	94.85153 (87, 1)
230.0 /	149.78256 (87, 1)
220.0 /	126.13424C(314, 1)
210.0 /	84.32927 (312, 1)
200.0 /	74.01550C(49, 1)
190.0 /	75.69206 (59, 1)
180.0 /	84.66395 (60, 1)
170.0 /	63.46579C(112, 1)
160.0 /	59.14716C(265, 1)
150.0 /	73.09728C(85, 1)
140.0 /	85.71783C(112, 1)
130.0 /	88.79269C(355, 1)
120.0 /	67.56072C(15, 1)
110.0 /	83.68043C(50, 1)
100.0 /	80.06525C(70, 1)
90.0 /	81.00298C(361, 1)
80.0 /	70.11692C(164, 1)
70.0 /	68.01138C(46, 1)
60.0 /	102.45189C(74, 1)
50.0 /	80.54403C(232, 1)
40.0 /	97.16162 (211, 1)
30.0 /	78.31751C(116, 1)
20.0 /	80.51952C(174, 1)
10.0 /	72.50599C(195, 1)

ISCSTK6 MODEL, A VERSION OF
ISCST (VERSION 86170)
AN AIR QUALITY DISPERSION MODEL IN
SECTION 1. GUIDELINE MODELS.
IN UNAMAP (VERSION 6) JULY 1986.
SOURCE: FILE 6 ON UNAMAP MAGNETIC TAPE FROM NTIS.

CONVERTED BY :
KBN ENGINEERING AND APPLIED SCIENCES, INC.
GAINESVILLE, FLORIDA
(904)375-8000

CARD INPUT FILE IS	gpscr.i83
SUMMARY OUTPUT FILE IS	gpscr.o83
METEOROLOGICAL FILE IS	c:\airprog\jaxpre83.bin
TITLE OF RUN IS	1983 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87

*** ISCST BY KBN 11/86 *** 1983 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

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) = 2
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) = 0
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 = 12
NUMBER OF SOURCE GROUPS (=0,ALL SOURCES)	NGROUP = 3
TIME PERIOD INTERVAL TO BE PRINTED (=0,ALL INTERVALS)	IPERD = 0
NUMBER OF X (RANGE) GRID VALUES	NXPNTS = 6
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 = 6.10 METERS
LOGICAL UNIT NUMBER OF METEOROLOGICAL DATA	IMET = 9
DECAY COEFFICIENT FOR PHYSICAL OR CHEMICAL DEPLETION	DECAY =0.000000E+00
SURFACE STATION NO.	ISS = 13889
YEAR OF SURFACE DATA	ISY = 83
UPPER AIR STATION NO.	IUS = 13861
YEAR OF UPPER AIR DATA	IUY = 83
ALLOCATED DATA STORAGE	LIMIT = 20000 WORDS
REQUIRED DATA STORAGE FOR THIS PROBLEM RUN	MIMIT = 10182 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
```

*** NUMBER OF SOURCE NUMBERS REQUIRED TO DEFINE SOURCE GROUPS ***
(NSOGRP)

1, 4, 3,

*** SOURCE NUMBERS DEFINING SOURCE GROUPS ***
(IDSOR)

103, 103, -1000, 9991, 9992, 103, 800, -9994,

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

1.50, 3.10, 5.10, 8.20, 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

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

500.0, 900.0, 1300.0, 1700.0, 2100.0, 2500.0,

*** 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,

*** SOURCE DATA ***

SOURCE NUMBER	TYPE	WAKE	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)
103	0	0	0	0.98800E+02	0.0	0.0	0.0	65.00	561.00	13.50	0.98	0.00	0.00	0.00
400	0	0	0	-.15100E+02	-15.0	30.0	0.0	76.20	367.00	8.80	3.66	0.00	0.00	0.00
500	0	0	0	-.86000E+01	-43.0	7.0	0.0	40.50	372.00	7.28	3.41	0.00	0.00	0.00
800	0	0	0	0.37700E+02	-165.0	14.0	0.0	76.20	474.00	13.93	4.02	0.00	0.00	0.00
1000	0	0	0	0.88800E+02	-88.0	64.0	0.0	76.20	450.00	15.39	3.66	0.00	0.00	0.00
1100	0	0	0	0.40500E+02	-192.0	58.0	0.0	70.10	489.00	22.20	3.66	0.00	0.00	0.00
1200	0	0	0	0.45200E+02	-78.0	110.0	0.0	37.00	474.00	14.54	1.22	0.00	0.00	0.00
1300	0	0	0	0.34740E+03	-87.0	88.0	0.0	70.70	501.00	17.15	2.74	0.00	0.00	0.00
9990	0	0	0	0.20110E+03	9100.0	-5700.0	0.0	22.30	458.00	31.70	3.14	0.00	0.00	0.00
9991	0	0	0	0.20110E+03	9100.0	-5700.0	0.0	22.30	458.00	31.70	3.14	0.00	0.00	0.00
9992	0	0	0	0.16360E+04	4600.0	5800.0	0.0	205.00	326.00	8.40	15.52	0.00	0.00	0.00
9994	0	0	0	0.37080E+03	8650.0	-5700.0	0.0	45.70	408.00	11.90	3.96	0.00	0.00	0.00

* CALM HOURS (=1) FOR DAY	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	2 *	1	0	1	1	0	0	0	1	1	1	1	1	1	0	0	0	1	0	0	0	0	1	0	0
* CALM HOURS (=1) FOR DAY	3 *	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	6 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0
* CALM HOURS (=1) FOR DAY	7 *	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1
* CALM HOURS (=1) FOR DAY	8 *	1	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	9 *	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	10 *	0	0	0	0	0	0	0	0	0	0	0	1	1	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	0	1	1	1
* CALM HOURS (=1) FOR DAY	14 *	1	1	1	1	1	0	0	0	0	0	1	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	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
* CALM HOURS (=1) FOR DAY	18 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
* 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	0	0	1
* CALM HOURS (=1) FOR DAY	22 *	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	23 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	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	1	1	0	0	0	1
* CALM HOURS (=1) FOR DAY	25 *	0	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1
* CALM HOURS (=1) FOR DAY	26 *	1	1	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	27 *	1	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	28 *	0	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	29 *	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
* CALM HOURS (=1) FOR DAY	30 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1
* CALM HOURS (=1) FOR DAY	31 *	1	0	1	1	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	1	1
* CALM HOURS (=1) FOR DAY	32 *	1	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	35 *	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	36 *	0	0	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	37 *	0	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	39 *	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	40 *	1	1	1	1	1	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	1	1
* CALM HOURS (=1) FOR DAY	41 *	0	0	0	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	43 *	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	45 *	0	0	0	0	0	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  46 *  1  1  1  0  1  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1
* CALM HOURS (=1) FOR DAY  47 *  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  48 *  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  49 *  0  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  50 *  1  0  1  0  0  0  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY  51 *  0  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  53 *  0  1  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  62 *  0  0  0  0  0  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  1  0  1  0
* CALM HOURS (=1) FOR DAY  63 *  1  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  66 *  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  67 *  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  73 *  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  74 *  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  78 *  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  79 *  0  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  81 *  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  82 *  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  85 *  1  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  88 *  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  89 *  1  1  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  91 *  0  0  1  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  94 *  0  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  95 *  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  96 *  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  97 *  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  98 *  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  99 *  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 100 *  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 102 *  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 103 *  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 106 *  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 108 *  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 109 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  1  1
* CALM HOURS (=1) FOR DAY 110 *  0  0  0  0  1  1  0  0  0  1  0  0  0  0  1  0  0  0  0  1  0  1  1  1
* CALM HOURS (=1) FOR DAY 111 *  1  1  1  0  1  1  0  0  0  0  1  0  0  0  0  0  0  0  0  1  1  1  1  1
* CALM HOURS (=1) FOR DAY 112 *  1  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 116 *  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  1  1
* CALM HOURS (=1) FOR DAY 117 *  1  1  1  1  1  1  1  0  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 118 *  1  0  1  1  1  1  1  1  0  1  1  0  0  0  0  0  0  0  0  0  0  1  1
* CALM HOURS (=1) FOR DAY 119 *  1  1  0  1  0  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0
* CALM HOURS (=1) FOR DAY 120 *  0  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 121 *  0  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 122 *  0  1  1  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 124 *  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 125 *  0  1  0  1  1  1  0  0  0  1  0  0  0  0  0  0  0  0  0  0  1  1  1
* CALM HOURS (=1) FOR DAY 126 *  1  1  1  0  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1
* CALM HOURS (=1) FOR DAY 127 *  1  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 128 *  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 129 *  0  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 130 *  1  0  1  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 131 *  1  1  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 132 *  1  1  1  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  0  1
* CALM HOURS (=1) FOR DAY 133 *  1  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 134 *  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 136 *  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 141 *  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 142 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  1  0
* CALM HOURS (=1) FOR DAY 143 *  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 144 *  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 145 *  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 146 *	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
* CALM HOURS (=1) FOR DAY 147 *	1	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
* CALM HOURS (=1) FOR DAY 148 *	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
* CALM HOURS (=1) FOR DAY 149 *	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
* 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	1	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 152 *	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0
* CALM HOURS (=1) FOR DAY 153 *	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 154 *	1	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 155 *	0	0	0	1	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 156 *	1	0	1	1	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 158 *	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 159 *	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0
* CALM HOURS (=1) FOR DAY 160 *	0	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 161 *	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 164 *	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	1	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 166 *	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0
* CALM HOURS (=1) FOR DAY 167 *	1	0	0	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
* CALM HOURS (=1) FOR DAY 168 *	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
* CALM HOURS (=1) FOR DAY 169 *	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 170 *	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY 171 *	1	1	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 172 *	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 173 *	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
* CALM HOURS (=1) FOR DAY 174 *	0	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 175 *	1	0	1	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 176 *	1	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 177 *	0	0	0	0	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 178 *	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 179 *	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 180 *	0	1	1	1	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY 181 *	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1
* CALM HOURS (=1) FOR DAY 182 *	0	1	1	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 183 *	0	0	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 184 *	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 185 *	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
* CALM HOURS (=1) FOR DAY 187 *	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 188 *	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 190 *	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 191 *	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 193 *	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 194 *	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	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
* CALM HOURS (=1) FOR DAY 197 *	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 199 *	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 200 *	1	1	1	1	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	
* CALM HOURS (=1) FOR DAY 201 *	1	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 202 *	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 207 *	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 208 *	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 209 *	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 210 *	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 211 *	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 212 *	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 213 *	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 214 *	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 215 *	0	0	0	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	
* CALM HOURS (=1) FOR DAY 216 *	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
* CALM HOURS (=1) FOR DAY 217 *	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1

```
* CALM HOURS (=1) FOR DAY 218 *  0  1  1  1  1  1  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1
* CALM HOURS (=1) FOR DAY 219 *  0  0  0  1  1  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 220 *  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 221 *  0  0  0  0  1  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 222 *  0  1  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 223 *  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 226 *  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 227 *  1  0  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  1  0
* CALM HOURS (=1) FOR DAY 228 *  1  1  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  1
* CALM HOURS (=1) FOR DAY 229 *  1  0  1  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 230 *  0  0  1  1  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0
* CALM HOURS (=1) FOR DAY 231 *  1  1  0  1  1  1  1  0  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 233 *  0  0  1  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 234 *  0  0  0  0  1  1  1  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 235 *  0  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 236 *  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 237 *  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 238 *  0  0  0  1  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 239 *  1  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0  1  1  1  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  0
* CALM HOURS (=1) FOR DAY 241 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  1  0
* CALM HOURS (=1) FOR DAY 242 *  1  0  0  1  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  0
* CALM HOURS (=1) FOR DAY 243 *  0  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 244 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0  0  1  1  0  0
* CALM HOURS (=1) FOR DAY 245 *  1  0  0  0  1  1  1  0  0  0  0  0  0  0  0  0  0  1  0  0  1  0  0  0  1
* CALM HOURS (=1) FOR DAY 246 *  1  1  1  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 247 *  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 248 *  1  1  1  1  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 249 *  1  1  1  1  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 250 *  0  1  0  0  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 251 *  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0  0  0  1  1  1
* CALM HOURS (=1) FOR DAY 252 *  1  1  1  0  1  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 253 *  1  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 254 *  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 255 *  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 256 *  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 258 *  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 259 *  0  0  1  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 260 *  0  1  1  1  1  1  1  1  1  0  0  0  0  0  0  0  0  0  1  0  1  0  0  0
* CALM HOURS (=1) FOR DAY 261 *  1  1  1  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 262 *  1  1  1  1  1  0  0  1  0  0  0  0  0  0  0  0  1  0  0  1  0  1  1  0
* CALM HOURS (=1) FOR DAY 263 *  1  1  1  1  1  0  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  1  0  1
* CALM HOURS (=1) FOR DAY 264 *  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 267 *  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 270 *  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 271 *  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 272 *  0  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 273 *  0  1  0  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  1  1
* CALM HOURS (=1) FOR DAY 274 *  1  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  1  1  1
* CALM HOURS (=1) FOR DAY 275 *  1  1  0  1  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  1  1  1  1
* CALM HOURS (=1) FOR DAY 276 *  1  1  1  1  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  1  1  1  1  1
* CALM HOURS (=1) FOR DAY 277 *  1  1  1  0  1  1  1  1  0  1  0  0  0  0  0  0  0  0  0  0  0  1  0  1
* CALM HOURS (=1) FOR DAY 278 *  0  1  1  0  1  1  0  0  0  0  0  0  0  0  0  0  0  1  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  0  0  0  0  1  1  1  1  0
* CALM HOURS (=1) FOR DAY 280 *  1  1  1  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 281 *  1  1  1  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 283 *  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 284 *  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 285 *  1  1  1  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 286 *  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 287 *	1	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 288 *	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 291 *	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 292 *	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 295 *	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 296 *	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 297 *	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 298 *	0	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 299 *	1	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 300 *	0	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 301 *	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
* CALM HOURS (=1) FOR DAY 302 *	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
* CALM HOURS (=1) FOR DAY 303 *	1	1	1	0	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 306 *	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 307 *	0	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0	1	0	1	1	1	1	0
* CALM HOURS (=1) FOR DAY 308 *	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 309 *	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 310 *	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
* CALM HOURS (=1) FOR DAY 311 *	1	1	1	1	1	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 313 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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	1	1	1	1	1	1	1
* CALM HOURS (=1) FOR DAY 317 *	1	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
* CALM HOURS (=1) FOR DAY 318 *	1	1	1	1	0	1	1	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 319 *	0	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 320 *	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 321 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
* CALM HOURS (=1) FOR DAY 322 *	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
* CALM HOURS (=1) FOR DAY 323 *	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 324 *	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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	1	1	1	1	1	1	1	1
* CALM HOURS (=1) FOR DAY 326 *	1	1	1	1	0	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	0	1	
* CALM HOURS (=1) FOR DAY 327 *	1	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 329 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1
* CALM HOURS (=1) FOR DAY 330 *	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1
* CALM HOURS (=1) FOR DAY 331 *	1	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 333 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
* CALM HOURS (=1) FOR DAY 334 *	1	0	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	
* CALM HOURS (=1) FOR DAY 335 *	1	1	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	
* CALM HOURS (=1) FOR DAY 336 *	1	0	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 339 *	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 341 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1
* CALM HOURS (=1) FOR DAY 342 *	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	1	1	1	1	1	0	1	1
* CALM HOURS (=1) FOR DAY 343 *	0	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
* CALM HOURS (=1) FOR DAY 344 *	1	0	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
* CALM HOURS (=1) FOR DAY 345 *	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
* CALM HOURS (=1) FOR DAY 349 *	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1
* CALM HOURS (=1) FOR DAY 350 *	1	1	1	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 356 *	0	0	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0
* CALM HOURS (=1) FOR DAY 357 *	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 360 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
* CALM HOURS (=1) FOR DAY 361 *	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
* 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	1	1	1	0	0
* CALM HOURS (=1) FOR DAY 363 *	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

*** ISCST BY KBN 11/86 *** 1983 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

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

* FROM SOURCES: 103, -1000, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 6.82912 AND OCCURRED AT (1300.0, 130.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0	2500.0
360.0 /	3.31830	4.57016	4.79577	4.77884	4.72842	4.69631
350.0 /	3.27684	4.41507	4.67654	4.68323	4.62060	4.54406
340.0 /	3.13628	4.15979	4.57327	4.66024	4.61252	4.53269
330.0 /	3.34051	4.53550	4.81693	4.78655	4.68327	4.58460
320.0 /	3.69333	5.53958	5.99186	5.94103	5.77246	5.59402
310.0 /	3.75907	5.71092	6.20609	6.15661	5.96124	5.72995
300.0 /	3.62691	5.37826	5.74957	5.64278	5.40311	5.12491
290.0 /	3.50337	5.41201	5.75566	5.60276	5.32309	5.00300
280.0 /	3.42186	5.42775	5.77252	5.62014	5.35173	5.03522
270.0 /	3.50535	5.68804	6.15589	6.07826	5.85653	5.56541
260.0 /	3.66233	6.02885	6.54636	6.50254	6.30328	6.02586
250.0 /	3.57821	5.69540	6.11648	6.05176	5.86832	5.63609
240.0 /	3.26195	5.01750	5.62563	5.74198	5.67919	5.52310
230.0 /	3.01310	4.82596	5.97429	6.43148	6.53713	6.44436
220.0 /	2.90085	4.60921	5.90711	6.48631	6.65675	6.60321
210.0 /	2.90836	4.30732	5.14802	5.46827	5.51502	5.42924
200.0 /	2.96632	4.13853	4.67141	4.85066	4.84355	4.75090
190.0 /	3.05111	4.19362	4.67076	4.85823	4.88457	4.82502
180.0 /	3.14010	4.43532	4.87056	5.00515	5.00376	4.90980
170.0 /	3.09302	4.31699	4.59764	4.62300	4.56632	4.43679
160.0 /	2.93210	3.91569	4.03188	4.00498	3.93623	3.83063
150.0 /	3.06315	4.45815	4.73355	4.68044	4.52230	4.33476
140.0 /	3.71658	5.51414	5.68838	5.49816	5.22253	4.94711
130.0 /	4.22998	6.43416	6.82912	6.71254	6.43646	6.12251
120.0 /	4.14735	6.15825	6.43463	6.21865	5.89087	5.56964
110.0 /	4.03958	5.96023	6.23636	6.06230	5.78866	5.52282
100.0 /	3.87893	5.79679	6.04487	5.86277	5.57619	5.29187
90.0 /	3.71867	5.68752	6.16751	6.14936	5.95591	5.73492
80.0 /	3.85674	5.62764	5.80600	5.65518	5.43460	5.26548
70.0 /	4.06371	5.99553	6.02338	5.75602	5.52163	5.36262
60.0 /	4.00163	5.89013	6.06062	5.90592	5.78201	5.68182
50.0 /	3.72531	5.18128	5.37371	5.29261	5.21853	5.13425
40.0 /	3.41661	4.82065	5.08682	5.01924	4.93758	4.84093
30.0 /	3.14503	4.46716	4.81071	4.85229	4.86500	4.85236
20.0 /	3.04488	4.20219	4.46390	4.48858	4.49988	4.52377
10.0 /	3.16269	4.44428	4.76147	4.80051	4.79460	4.81179

*** ISCST BY KBN 11/86 *** 1983 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, -1000, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 72.88981 AND OCCURRED AT (900.0, 190.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	29.60601C(231, 1)	45.47372C(96, 1)	46.10175C(96, 1)	42.17715C(96, 1)	37.15111C(96, 1)
350.0 /	26.94176C(254, 1)	36.88593C(179, 1)	38.93713C(141, 1)	36.70419C(141, 1)	32.11054C(141, 1)
340.0 /	32.89877C(134, 1)	38.50229C(120, 1)	35.73685C(14, 1)	34.58883C(141, 1)	35.71072C(345, 1)
330.0 /	34.70941C(255, 1)	48.47470C(121, 1)	46.02249C(121, 1)	39.39217C(121, 1)	33.76725C(121, 1)
320.0 /	54.98137C(184, 1)	53.50962C(112, 1)	56.94738C(112, 1)	55.52745C(112, 1)	50.99881C(112, 1)
310.0 /	52.60804C(184, 1)	53.50033C(184, 1)	55.12849C(326, 1)	48.79327C(322, 1)	42.15666C(322, 1)
300.0 /	39.84019C(177, 1)	51.27133C(213, 1)	51.60442C(213, 1)	46.82842C(213, 1)	47.84927C(217, 1)
290.0 /	43.89013C(132, 1)	52.87523C(213, 1)	62.59148C(213, 1)	63.78940C(213, 1)	61.61082C(213, 1)
280.0 /	41.12172C(215, 1)	57.25961C(154, 1)	58.17931C(154, 1)	53.85017C(261, 1)	49.50501C(261, 1)
270.0 /	40.43089C(275, 1)	57.37093C(275, 1)	48.92216C(215, 1)	44.07338C(215, 1)	40.46139 (75, 1)
260.0 /	38.91197C(253, 1)	65.03207C(253, 1)	54.76322C(253, 1)	45.82282C(253, 1)	40.04450C(275, 1)
250.0 /	45.83422C(167, 1)	63.26273C(167, 1)	59.00615C(167, 1)	53.56542C(167, 1)	48.34377C(167, 1)
240.0 /	42.84544C(217, 1)	56.56801C(167, 1)	55.03225C(167, 1)	51.26114C(167, 1)	49.35480 (163, 1)
230.0 /	39.83097C(116, 1)	55.57575C(300, 1)	52.97235C(300, 1)	49.43881 (162, 1)	53.47375 (162, 1)
220.0 /	39.36673C(8, 1)	62.73254C(8, 1)	57.96374C(8, 1)	63.04863 (162, 1)	68.45345 (162, 1)
210.0 /	35.36744C(259, 1)	53.39054C(8, 1)	50.90895C(8, 1)	62.37915 (294, 1)	67.32051 (294, 1)
200.0 /	40.94028C(166, 1)	55.46559C(166, 1)	45.88631C(166, 1)	41.22818 (289, 1)	42.95449 (289, 1)
190.0 /	49.69794C(166, 1)	72.88981C(166, 1)	57.47027C(166, 1)	44.88134C(166, 1)	49.11316C(287, 1)
180.0 /	39.08568C(109, 1)	59.70251C(325, 1)	49.79317C(325, 1)	38.00188C(325, 1)	34.07633C(258, 1)
170.0 /	39.66120C(109, 1)	55.26141C(325, 1)	50.07604C(325, 1)	39.95231C(325, 1)	32.46523C(325, 1)
160.0 /	35.32018C(239, 1)	44.39346C(360, 1)	39.91403C(360, 1)	31.43107C(258, 1)	32.47366C(258, 1)
150.0 /	31.62811C(126, 1)	38.29067C(239, 1)	36.64349C(173, 1)	33.51703C(173, 1)	29.50782C(342, 1)
140.0 /	55.80859C(126, 1)	44.74983C(250, 1)	42.05176C(250, 1)	35.14256C(250, 1)	32.68208 (359, 1)
130.0 /	58.32455C(126, 1)	48.78138C(240, 1)	42.91751C(144, 1)	39.89531C(199, 1)	36.70337C(199, 1)
120.0 /	58.65820C(241, 1)	48.26224C(241, 1)	38.69187C(251, 1)	36.05062C(251, 1)	31.08926C(251, 1)
110.0 /	57.13029C(241, 1)	58.11164C(145, 1)	53.53088C(110, 1)	48.87532C(110, 1)	43.63436C(110, 1)
100.0 /	45.17781C(241, 1)	67.79061C(145, 1)	58.86013C(145, 1)	46.59908C(145, 1)	36.42844C(145, 1)
90.0 /	36.64788C(126, 1)	43.75790C(145, 1)	59.25217C(78, 1)	61.66257C(78, 1)	60.16312C(78, 1)
80.0 /	33.08067C(254, 1)	48.62901 (186, 1)	42.95159 (186, 1)	34.91530 (206, 1)	36.61790 (77, 1)
70.0 /	41.24539 (232, 1)	55.54845C(249, 1)	45.69115 (205, 1)	41.90339 (205, 1)	37.60254 (205, 1)
60.0 /	40.24067 (232, 1)	61.92294C(249, 1)	56.47946C(249, 1)	45.86123C(249, 1)	38.68607C(244, 1)
50.0 /	32.04852C(202, 1)	38.15158C(143, 1)	40.42131C(143, 1)	37.79808C(143, 1)	34.86663C(143, 1)
40.0 /	27.96545C(201, 1)	31.90580C(339, 1)	38.36809C(219, 1)	35.45620C(219, 1)	31.02902C(219, 1)
30.0 /	37.33024C(195, 1)	43.48298C(285, 1)	50.00591C(285, 1)	45.86666C(285, 1)	41.72444C(285, 1)
20.0 /	37.17469C(195, 1)	49.03901C(142, 1)	48.00314C(142, 1)	41.18618C(142, 1)	34.90059C(142, 1)
10.0 /	26.92490C(8, 1)	45.07754C(96, 1)	53.25226C(96, 1)	51.06004C(96, 1)	46.98471C(256, 1)

*** ISCST BY KBN 11/86 *** 1983 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, -1000, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 72.88981 AND OCCURRED AT (900.0, 190.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	35.92741C(246, 1)
350.0 /	29.97622C(217, 1)
340.0 /	36.86339C(345, 1)
330.0 /	30.99002C(217, 1)
320.0 /	44.82026C(112, 1)
310.0 /	43.17881C(31, 1)
300.0 /	51.68642C(217, 1)
290.0 /	58.06185C(213, 1)
280.0 /	45.29177C(261, 1)
270.0 /	43.55247 (75, 1)
260.0 /	38.28180C(49, 1)
250.0 /	43.83947C(167, 1)
240.0 /	50.22587 (163, 1)
230.0 /	54.58725 (162, 1)
220.0 /	69.77109 (162, 1)
210.0 /	68.36922 (294, 1)
200.0 /	42.97511 (289, 1)
190.0 /	50.85691C(287, 1)
180.0 /	34.54082C(258, 1)
170.0 /	34.37150 (353, 1)
160.0 /	31.01214C(258, 1)
150.0 /	27.89478 (359, 1)
140.0 /	33.14689 (359, 1)
130.0 /	36.80134C(109, 1)
120.0 /	31.39512C(349, 1)
110.0 /	38.97648C(110, 1)
100.0 /	28.75391C(144, 1)
90.0 /	57.34057C(78, 1)
80.0 /	36.76796 (77, 1)
70.0 /	33.67143 (205, 1)
60.0 /	38.48048C(244, 1)
50.0 /	31.95599C(143, 1)
40.0 /	29.11454 (86, 1)
30.0 /	38.75922C(285, 1)
20.0 /	29.66085C(142, 1)
10.0 /	46.80684C(256, 1)

*** ISCST BY KBN 11/86 *** 1983 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, -1000, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 65.39361 AND OCCURRED AT (2500.0, 220.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	28.66416C(254, 1)	41.97915C(179, 1)	39.71596C(179, 1)	35.73030C(179, 1)	35.62210C(246, 1)
350.0 /	26.76610C(8, 1)	36.85147C(141, 1)	35.24623C(96, 1)	33.48467C(96, 1)	30.71446C(96, 1)
340.0 /	29.53957C(120, 1)	36.57911C(121, 1)	33.97379C(141, 1)	32.88884C(345, 1)	32.46397C(141, 1)
330.0 /	32.79756C(184, 1)	41.74083C(122, 1)	36.54436C(122, 1)	32.94261C(112, 1)	28.80913C(112, 1)
320.0 /	35.04935C(255, 1)	50.57359C(303, 1)	43.05439C(178, 1)	40.57913C(178, 1)	43.34789 (64, 1)
310.0 /	30.97672C(276, 1)	50.23787C(322, 1)	55.04156C(322, 1)	48.40252C(326, 1)	41.80834C(326, 1)
300.0 /	38.85175C(243, 1)	44.54021C(276, 1)	40.88831C(95, 1)	43.73499C(217, 1)	41.38121C(213, 1)
290.0 /	36.85731C(243, 1)	50.73711C(154, 1)	48.22491C(154, 1)	41.57319C(154, 1)	42.02530C(47, 1)
280.0 /	40.77431C(132, 1)	57.20081C(215, 1)	57.90022C(261, 1)	51.58424C(154, 1)	45.62183C(79, 1)
270.0 /	39.91084C(132, 1)	50.61747C(215, 1)	47.94889C(275, 1)	39.87467C(275, 1)	37.66944C(169, 1)
260.0 /	37.13409C(275, 1)	57.95549C(275, 1)	51.81557C(275, 1)	45.72755C(275, 1)	39.48923C(168, 1)
250.0 /	36.49352C(215, 1)	56.40248C(132, 1)	57.32705C(132, 1)	49.01796C(132, 1)	44.54853C(215, 1)
240.0 /	40.10907C(167, 1)	47.00082C(131, 1)	45.43840C(131, 1)	45.21601 (163, 1)	46.84907C(167, 1)
230.0 /	33.61562C(8, 1)	48.75139C(8, 1)	44.74170C(8, 1)	46.86832C(300, 1)	48.82475C(161, 1)
220.0 /	37.08838C(132, 1)	49.00235C(300, 1)	50.63343 (44, 1)	60.54612 (44, 1)	64.48584 (44, 1)
210.0 /	33.82161C(8, 1)	45.35315C(335, 1)	49.90028 (294, 1)	53.03360 (354, 1)	57.24443 (354, 1)
200.0 /	29.33851C(147, 1)	36.04622C(259, 1)	35.70107 (289, 1)	37.27206C(166, 1)	37.25664 (353, 1)
190.0 /	36.66338C(147, 1)	44.78770C(325, 1)	39.92771C(334, 1)	42.92062C(287, 1)	38.56666 (304, 1)
180.0 /	32.45686C(116, 1)	41.66002C(166, 1)	35.63722C(229, 1)	32.16296C(360, 1)	31.43592C(360, 1)
170.0 /	34.46124C(116, 1)	43.19003C(125, 1)	39.30404C(125, 1)	32.75154C(125, 1)	31.28343 (353, 1)
160.0 /	28.83930C(109, 1)	38.41087C(239, 1)	32.57516C(125, 1)	31.15155C(360, 1)	26.73484C(229, 1)
150.0 /	27.70712 (192, 1)	35.06850C(251, 1)	35.24187C(333, 1)	33.10284C(342, 1)	28.96799C(173, 1)
140.0 /	26.96744C(151, 1)	43.04918C(182, 1)	37.49882C(182, 1)	30.90674C(106, 1)	31.62309C(106, 1)
130.0 /	42.12431C(241, 1)	43.74459 (198, 1)	41.24988C(199, 1)	36.85971C(144, 1)	36.12234C(28, 1)
120.0 /	35.05598C(181, 1)	43.72629C(240, 1)	37.85226C(199, 1)	33.88562C(199, 1)	30.61402C(349, 1)
110.0 /	32.96427C(145, 1)	50.33079C(110, 1)	51.58551C(145, 1)	42.84865C(145, 1)	36.27832C(23, 1)
100.0 /	36.94217C(145, 1)	46.66400C(110, 1)	44.02979C(110, 1)	36.53978C(110, 1)	30.19693C(110, 1)
90.0 /	33.42292C(183, 1)	43.51662C(78, 1)	37.24595C(145, 1)	33.02266 (93, 1)	34.96131 (93, 1)
80.0 /	31.76501C(200, 1)	38.45057C(254, 1)	39.21936 (205, 1)	34.70625 (186, 1)	31.06618 (206, 1)
70.0 /	37.94095C(200, 1)	54.79678 (232, 1)	44.75405C(222, 1)	37.02665C(222, 1)	30.79365C(222, 1)
60.0 /	32.03215C(200, 1)	47.55845C(155, 1)	47.72979C(155, 1)	41.08214C(155, 1)	37.30065C(249, 1)
50.0 /	28.18944C(200, 1)	36.39819C(249, 1)	34.49742C(180, 1)	29.98243C(180, 1)	26.70461C(73, 1)
40.0 /	26.21257C(8, 1)	30.31912C(219, 1)	30.73287C(184, 1)	31.45846C(184, 1)	30.25844C(184, 1)
30.0 /	29.88985C(201, 1)	29.99399C(127, 1)	32.16810 (157, 1)	29.59387 (157, 1)	27.72925C(8, 1)
20.0 /	29.36972C(201, 1)	33.44526C(127, 1)	33.07176C(133, 1)	30.64876C(133, 1)	27.03939C(133, 1)
10.0 /	25.74324C(231, 1)	31.92479C(201, 1)	40.69173C(246, 1)	44.69150C(246, 1)	45.90208C(96, 1)

*** ISCST BY KBN 11/86 *** 1983 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, -1000, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 65.39361 AND OCCURRED AT (2500.0, 220.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	31.99912 (105, 1)
350.0 /	27.11323C(96, 1)
340.0 /	32.46552C(324, 1)
330.0 /	29.07834C(121, 1)
320.0 /	44.50851 (64, 1)
310.0 /	40.43184C(217, 1)
300.0 /	36.53343C(47, 1)
290.0 /	40.99989C(47, 1)
280.0 /	44.42869C(79, 1)
270.0 /	37.03533C(236, 1)
260.0 /	37.70250C(168, 1)
250.0 /	41.43150C(215, 1)
240.0 /	42.54594C(167, 1)
230.0 /	49.80695C(161, 1)
220.0 /	65.39361 (44, 1)
210.0 /	57.91182 (354, 1)
200.0 /	38.04741 (353, 1)
190.0 /	40.09093 (304, 1)
180.0 /	30.30008 (4, 1)
170.0 /	28.54523C(258, 1)
160.0 /	26.42937C(321, 1)
150.0 /	27.58211C(341, 1)
140.0 /	33.10875 (265, 1)
130.0 /	36.51634C(28, 1)
120.0 /	27.01642C(109, 1)
110.0 /	37.59461C(23, 1)
100.0 /	28.27381C(145, 1)
90.0 /	34.78245 (93, 1)
80.0 /	29.81859C(254, 1)
70.0 /	27.62624C(244, 1)
60.0 /	31.01883C(249, 1)
50.0 /	27.68038C(244, 1)
40.0 /	28.77825C(184, 1)
30.0 /	26.52859C(8, 1)
20.0 /	24.92616C(291, 1)
10.0 /	41.83685C(246, 1)

*** ISCST BY KBN 11/86 *** 1983 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

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

* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 17.09774 AND OCCURRED AT (1700.0, 130.0) *

DIRECTION /	RANGE (METERS)					
(DEGREES) /	500.0	900.0	1300.0	1700.0	2100.0	2500.0
360.0 /	7.12859	10.63831	11.50163	11.52949	11.41911	11.32663
350.0 /	7.01874	10.37929	11.29053	11.32047	11.10550	10.83033
340.0 /	6.67075	9.82496	11.03675	11.17927	10.98308	10.67722
330.0 /	6.80552	10.30193	11.36449	11.45603	11.27787	10.98417
320.0 /	7.43876	12.64229	14.25979	14.46353	14.26208	13.87160
310.0 /	7.51932	12.88660	14.61352	14.80458	14.52595	14.02746
300.0 /	7.39438	12.12652	13.44129	13.41449	12.95194	12.30838
290.0 /	7.25525	12.10942	13.41574	13.39565	12.89830	12.18773
280.0 /	7.37583	12.29045	13.55405	13.50529	13.00617	12.28794
270.0 /	7.77334	13.13360	14.57787	14.61394	14.17036	13.49777
260.0 /	7.86394	13.52453	15.32496	15.57967	15.22845	14.58471
250.0 /	7.67132	12.78247	14.20239	14.31640	13.98289	13.44881
240.0 /	7.33939	12.48871	13.88286	14.03037	13.78053	13.34350
230.0 /	7.00745	12.51702	14.94834	15.74044	15.88440	15.66591
220.0 /	6.90713	11.25869	13.60380	14.73083	15.19262	15.24593
210.0 /	6.96748	10.42017	11.97498	12.61306	12.77403	12.69965
200.0 /	7.18993	10.03164	10.96371	11.30365	11.30190	11.15359
190.0 /	7.49979	10.19700	11.09392	11.50255	11.58562	11.50641
180.0 /	7.66946	10.61900	11.55881	11.93062	11.97044	11.80638
170.0 /	7.44764	10.00924	10.66724	10.86930	10.85452	10.67861
160.0 /	7.30715	9.43053	9.80944	9.88290	9.82140	9.67525
150.0 /	7.99400	10.92952	11.52922	11.55085	11.35565	11.09155
140.0 /	9.51662	13.33670	13.94286	13.80302	13.38753	12.90636
130.0 /	10.99969	16.02798	17.08408	17.09774	16.68565	16.12521
120.0 /	11.02535	15.45705	16.18076	16.06660	15.64807	15.15517
110.0 /	10.82008	15.32812	16.12865	16.11816	15.80701	15.40156
100.0 /	10.49709	14.78070	15.52043	15.43763	15.01454	14.49904
90.0 /	10.04369	14.59952	15.84545	16.04901	15.81823	15.55420
80.0 /	9.95057	14.12976	14.72300	14.62497	14.39656	14.28813
70.0 /	9.86729	14.47575	15.07315	14.91693	14.74566	14.59720
60.0 /	9.84430	14.36064	15.09267	15.21072	15.30155	15.22763
50.0 /	9.41022	13.24071	13.64757	13.68112	13.75136	13.63705
40.0 /	8.57481	12.18203	12.81974	12.86556	12.91584	12.80366
30.0 /	7.80401	11.34991	12.18431	12.34352	12.48899	12.49562
20.0 /	7.31000	10.46556	11.14896	11.18568	11.23624	11.25666
10.0 /	7.09052	10.35824	11.38674	11.57134	11.63545	11.69132

*** ISCST BY KBN 11/86 *** 1983 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 164.56905 AND OCCURRED AT (2100.0, 290.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	51.14638C(231, 1)	110.21204C(96, 1)	126.35648C(96, 1)	125.40501C(96, 1)	115.03552C(96, 1)
350.0 /	54.46637C(141, 1)	107.39042C(141, 1)	121.94493C(141, 1)	117.43787C(141, 1)	104.50240C(96, 1)
340.0 /	62.32296C(120, 1)	88.09113C(120, 1)	99.21503C(141, 1)	101.71367 (135, 1)	97.25705 (135, 1)
330.0 /	67.86465C(122, 1)	109.11399C(122, 1)	112.30899C(122, 1)	107.46613C(121, 1)	99.70059C(121, 1)
320.0 /	86.82253C(184, 1)	132.76378C(184, 1)	143.74843C(112, 1)	144.28642C(112, 1)	134.00670C(112, 1)
310.0 /	77.66766C(184, 1)	130.36757C(184, 1)	115.98891C(326, 1)	114.13843C(326, 1)	113.42638C(120, 1)
300.0 /	72.42235C(177, 1)	148.67032C(213, 1)	162.70601C(213, 1)	153.89235C(213, 1)	137.98769C(213, 1)
290.0 /	59.36546C(132, 1)	131.07507C(154, 1)	149.66452C(213, 1)	163.87625C(213, 1)	164.56905C(213, 1)
280.0 /	60.97258C(215, 1)	103.17073C(215, 1)	129.93817C(154, 1)	136.18947C(261, 1)	136.09921C(261, 1)
270.0 /	63.15083C(275, 1)	115.18011C(275, 1)	115.14005C(275, 1)	105.66967C(275, 1)	97.31444C(171, 1)
260.0 /	73.49827C(217, 1)	128.70833C(253, 1)	141.14827C(253, 1)	136.53242C(253, 1)	122.93008C(253, 1)
250.0 /	89.13642C(217, 1)	141.75954C(167, 1)	161.49947C(167, 1)	152.92213C(167, 1)	136.21846C(167, 1)
240.0 /	85.51370C(217, 1)	111.45831C(217, 1)	108.54749C(167, 1)	117.99048 (163, 1)	125.09602 (163, 1)
230.0 /	65.36860C(217, 1)	96.99593C(300, 1)	108.63766 (162, 1)	119.17781 (162, 1)	123.23919 (162, 1)
220.0 /	54.90747C(259, 1)	91.30260C(8, 1)	122.89504 (294, 1)	137.71188 (44, 1)	149.65732 (44, 1)
210.0 /	74.46125C(166, 1)	78.87125C(166, 1)	114.33650 (289, 1)	130.98358 (289, 1)	137.05745 (289, 1)
200.0 /	100.11776C(166, 1)	144.03661C(166, 1)	137.10411C(166, 1)	117.46244C(166, 1)	97.84983C(166, 1)
190.0 /	85.89276C(166, 1)	138.79805C(166, 1)	133.18733C(166, 1)	117.83091C(166, 1)	102.42385C(166, 1)
180.0 /	83.56006C(109, 1)	107.61275C(325, 1)	103.40612C(325, 1)	92.42345C(325, 1)	81.23087C(325, 1)
170.0 /	77.56236C(109, 1)	109.09782C(125, 1)	111.22215C(125, 1)	100.04166C(125, 1)	86.51521C(325, 1)
160.0 /	74.34456C(239, 1)	87.41230C(360, 1)	95.12618C(360, 1)	93.68485C(360, 1)	88.84535C(360, 1)
150.0 /	67.61568 (192, 1)	74.81966C(239, 1)	80.54018C(333, 1)	78.79130C(333, 1)	76.17749C(103, 1)
140.0 /	110.73182C(126, 1)	104.44196C(250, 1)	105.87111C(250, 1)	95.92562C(250, 1)	84.44942C(106, 1)
130.0 /	118.41889C(126, 1)	101.26417C(126, 1)	96.97345C(144, 1)	91.33954C(199, 1)	87.28754C(199, 1)
120.0 /	116.28500C(241, 1)	119.65947C(241, 1)	91.49176C(241, 1)	81.85727C(199, 1)	75.66324C(199, 1)
110.0 /	119.33313C(241, 1)	116.74535C(241, 1)	111.74345C(145, 1)	103.83997C(110, 1)	97.79221C(110, 1)
100.0 /	100.69576C(241, 1)	136.84343C(145, 1)	128.28754C(145, 1)	108.73305C(145, 1)	89.32135C(145, 1)
90.0 /	77.35833C(145, 1)	102.07023C(145, 1)	140.92450C(78, 1)	156.99112C(78, 1)	161.73587C(78, 1)
80.0 /	64.60341C(195, 1)	94.02988 (186, 1)	95.69019 (186, 1)	92.18597 (206, 1)	86.67007C(254, 1)
70.0 /	63.10969 (186, 1)	103.95488C(222, 1)	109.73477C(222, 1)	105.79538 (205, 1)	102.31841 (205, 1)
60.0 /	78.58018 (232, 1)	119.29221C(249, 1)	108.30788C(249, 1)	104.32095C(155, 1)	93.88891C(155, 1)
50.0 /	69.47562 (232, 1)	89.01390C(249, 1)	95.24775C(143, 1)	101.34190C(143, 1)	98.91846C(143, 1)
40.0 /	51.39642C(201, 1)	70.80213C(339, 1)	72.55369C(184, 1)	80.30379C(184, 1)	85.75808C(184, 1)
30.0 /	68.35661C(195, 1)	74.99886C(195, 1)	93.56348C(285, 1)	101.04153C(285, 1)	106.52988C(285, 1)
20.0 /	80.87552C(195, 1)	92.49340C(142, 1)	106.41135C(142, 1)	105.17965C(142, 1)	97.28163C(142, 1)
10.0 /	70.22674C(195, 1)	96.56063C(142, 1)	122.09600C(96, 1)	127.19205C(96, 1)	120.35213C(96, 1)

*** ISCST BY KBN 11/86 *** 1983 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 164.56905 AND OCCURRED AT (2100.0, 290.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	100.20951C(96, 1)
350.0 /	91.92282C(96, 1)
340.0 /	100.35836C(345, 1)
330.0 /	89.72500C(121, 1)
320.0 /	133.14149 (64, 1)
310.0 /	111.60818C(120, 1)
300.0 /	121.33710C(213, 1)
290.0 /	159.31650C(213, 1)
280.0 /	129.87263C(261, 1)
270.0 /	94.08576C(50, 1)
260.0 /	106.68677C(253, 1)
250.0 /	120.05667C(167, 1)
240.0 /	127.35677 (163, 1)
230.0 /	124.30416 (162, 1)
220.0 /	154.58324 (44, 1)
210.0 /	137.40485 (289, 1)
200.0 /	82.83375 (289, 1)
190.0 /	90.32753C(287, 1)
180.0 /	71.24290C(213, 1)
170.0 /	77.26958C(325, 1)
160.0 /	82.22877C(360, 1)
150.0 /	81.29324C(103, 1)
140.0 /	82.78604C(106, 1)
130.0 /	88.35699C(28, 1)
120.0 /	69.87976C(349, 1)
110.0 /	90.38115C(110, 1)
100.0 /	72.99874C(110, 1)
90.0 /	160.53404C(78, 1)
80.0 /	86.73364C(254, 1)
70.0 /	96.89230C(63, 1)
60.0 /	99.66987C(63, 1)
50.0 /	97.94931C(63, 1)
40.0 /	94.99630C(63, 1)
30.0 /	109.07202C(285, 1)
20.0 /	87.03346C(142, 1)
10.0 /	111.58547C(256, 1)

*** ISCST BY KBN 11/86 *** 1983 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 144.24725 AND OCCURRED AT (2500.0, 220.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	46.86142C(195, 1)	93.55888C(141, 1)	101.94048C(141, 1)	93.64797C(179, 1)	86.02474C(179, 1)
350.0 /	50.11090C(179, 1)	98.41450C(96, 1)	112.00604C(96, 1)	112.68828C(96, 1)	102.07357C(141, 1)
340.0 /	58.08903C(134, 1)	82.12518C(134, 1)	98.09091 (135, 1)	100.39423C(141, 1)	94.77226C(345, 1)
330.0 /	65.81025C(133, 1)	104.16823C(121, 1)	110.96456C(121, 1)	101.68298C(122, 1)	87.89876C(122, 1)
320.0 /	62.49937C(112, 1)	122.95394C(112, 1)	111.93875C(184, 1)	119.30252 (64, 1)	128.53867 (64, 1)
310.0 /	64.69128C(276, 1)	107.00351C(276, 1)	113.72209C(276, 1)	112.44850C(120, 1)	110.33154C(326, 1)
300.0 /	68.58918C(213, 1)	113.18359C(177, 1)	123.30083C(95, 1)	122.90021C(95, 1)	116.81898C(95, 1)
290.0 /	58.00785C(243, 1)	107.25767C(213, 1)	140.66144C(154, 1)	133.60641C(154, 1)	120.67106C(154, 1)
280.0 /	55.50202C(275, 1)	102.48734C(154, 1)	127.11356C(261, 1)	133.74521C(154, 1)	128.86165C(154, 1)
270.0 /	57.01030C(132, 1)	95.60894C(253, 1)	96.34776C(215, 1)	98.82223C(171, 1)	96.16908C(50, 1)
260.0 /	71.80325C(167, 1)	97.96291C(167, 1)	110.30148C(275, 1)	113.77999C(168, 1)	112.53671C(168, 1)
250.0 /	76.25596C(167, 1)	115.60402C(131, 1)	125.30814C(131, 1)	116.70884C(131, 1)	103.76594C(131, 1)
240.0 /	63.22931C(167, 1)	102.07439C(167, 1)	99.92977 (163, 1)	103.43797C(167, 1)	94.29499C(167, 1)
230.0 /	62.05176C(116, 1)	78.08662 (162, 1)	102.48808C(300, 1)	104.68601C(161, 1)	113.94167C(161, 1)
220.0 /	50.10185C(301, 1)	83.98875 (294, 1)	114.70021 (44, 1)	137.33710 (294, 1)	142.81665 (294, 1)
210.0 /	55.00353C(145, 1)	76.24387 (289, 1)	96.37463 (294, 1)	118.56168 (294, 1)	129.21933 (294, 1)
200.0 /	68.72013C(147, 1)	70.97868C(147, 1)	77.60571C(271, 1)	76.57748C(271, 1)	80.96927 (289, 1)
190.0 /	71.20725C(109, 1)	88.34306C(325, 1)	84.53780C(325, 1)	79.42027 (365, 1)	86.80972 (4, 1)
180.0 /	73.39520C(116, 1)	84.86060C(116, 1)	74.96145C(229, 1)	72.11627C(103, 1)	68.50404 (4, 1)
170.0 /	69.09697C(239, 1)	99.39323C(325, 1)	101.81212C(325, 1)	95.06219C(325, 1)	83.99239C(125, 1)
160.0 /	52.94456C(109, 1)	85.33155C(239, 1)	81.15199C(125, 1)	75.69942C(125, 1)	77.34480C(103, 1)
150.0 /	66.94452C(126, 1)	72.19935C(333, 1)	71.90264C(146, 1)	69.82883C(341, 1)	73.39401C(333, 1)
140.0 /	61.45395 (192, 1)	89.21764C(151, 1)	85.69753C(182, 1)	83.35621C(106, 1)	83.85142C(250, 1)
130.0 /	82.75095C(241, 1)	98.34575C(240, 1)	91.51865C(240, 1)	89.95832C(144, 1)	86.43459C(28, 1)
120.0 /	78.27949C(126, 1)	95.34389C(240, 1)	89.64660C(240, 1)	78.37354C(111, 1)	68.51423C(349, 1)
110.0 /	71.42912C(145, 1)	113.71980C(145, 1)	105.37986C(110, 1)	101.17519C(145, 1)	89.46508C(145, 1)
100.0 /	86.56952C(145, 1)	100.11681C(241, 1)	98.28339C(110, 1)	91.62002C(110, 1)	82.43688C(110, 1)
90.0 /	71.39830C(241, 1)	100.93150C(78, 1)	90.08392C(145, 1)	75.35947C(145, 1)	78.35799 (93, 1)
80.0 /	63.45940C(254, 1)	89.49150C(254, 1)	92.89211 (206, 1)	86.34645 (186, 1)	85.97350 (206, 1)
70.0 /	60.50433C(195, 1)	103.91750 (232, 1)	103.78405 (205, 1)	102.79067C(222, 1)	92.26417C(222, 1)
60.0 /	62.50610 (186, 1)	110.48760 (232, 1)	107.36241C(155, 1)	97.83911C(249, 1)	88.64313C(249, 1)
50.0 /	56.29874C(200, 1)	78.67377C(176, 1)	78.58979C(249, 1)	75.58858C(180, 1)	80.72701C(63, 1)
40.0 /	50.65335C(195, 1)	68.20370C(143, 1)	70.28641C(219, 1)	72.77193C(219, 1)	78.77660C(63, 1)
30.0 /	58.90355C(201, 1)	70.80851C(127, 1)	70.67211C(127, 1)	65.78806 (157, 1)	73.00253C(63, 1)
20.0 /	55.15898C(201, 1)	89.73922C(127, 1)	88.68043C(127, 1)	73.64375C(127, 1)	67.23468C(133, 1)
10.0 /	52.03159C(127, 1)	92.74668C(96, 1)	110.06650C(142, 1)	108.08107C(142, 1)	108.94506C(256, 1)

*** ISCST BY KBN 11/86 *** 1983 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 144.24725 AND OCCURRED AT (2500.0, 220.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	80.39052C(246, 1)
350.0 /	84.34451C(141, 1)
340.0 /	89.32211 (104, 1)
330.0 /	86.45120 (104, 1)
320.0 /	119.83639C(112, 1)
310.0 /	106.16935C(326, 1)
300.0 /	109.38290C(95, 1)
290.0 /	106.30045C(154, 1)
280.0 /	119.78294C(154, 1)
270.0 /	92.68364C(171, 1)
260.0 /	105.96734C(168, 1)
250.0 /	91.26593C(131, 1)
240.0 /	85.06020C(167, 1)
230.0 /	117.40099C(161, 1)
220.0 /	144.24725 (294, 1)
210.0 /	134.05136 (294, 1)
200.0 /	82.61288C(166, 1)
190.0 /	90.04501C(166, 1)
180.0 /	70.52171C(325, 1)
170.0 /	69.06144C(125, 1)
160.0 /	66.31834C(103, 1)
150.0 /	75.94796 (359, 1)
140.0 /	79.25869 (359, 1)
130.0 /	81.47665C(199, 1)
120.0 /	68.91048C(199, 1)
110.0 /	89.99789 (114, 1)
100.0 /	72.58645C(145, 1)
90.0 /	78.97786 (93, 1)
80.0 /	86.54678 (77, 1)
70.0 /	96.15106 (205, 1)
60.0 /	82.65081C(155, 1)
50.0 /	92.39642C(143, 1)
40.0 /	86.25555C(184, 1)
30.0 /	90.77327C(63, 1)
20.0 /	83.09992C(63, 1)
10.0 /	108.42757C(96, 1)

ISCSTK6 MODEL, A VERSION OF
ISCST (VERSION 86170)
AN AIR QUALITY DISPERSION MODEL IN
SECTION 1. GUIDELINE MODELS.
IN UNAMAP (VERSION 6) JULY 1986.
SOURCE: FILE 6 ON UNAMAP MAGNETIC TAPE FROM NTIS.

CONVERTED BY :
KBN ENGINEERING AND APPLIED SCIENCES, INC.
GAINESVILLE, FLORIDA
(904)375-8000

CARD INPUT FILE IS	gpscr.i84
SUMMARY OUTPUT FILE IS	gpscr.o84
METEOROLOGICAL FILE IS	jaxpre84.bin
TITLE OF RUN IS	1984 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87

*** ISCST BY KBN 11/86 *** 1984 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

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) = 2
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) = 0
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 = 12
NUMBER OF SOURCE GROUPS (=0,ALL SOURCES)	NGROUP = 3
TIME PERIOD INTERVAL TO BE PRINTED (=0,ALL INTERVALS)	IPERD = 0
NUMBER OF X (RANGE) GRID VALUES	NXPNTS = 6
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 = 6.10 METERS
LOGICAL UNIT NUMBER OF METEOROLOGICAL DATA	IMET = 9
DECAY COEFFICIENT FOR PHYSICAL OR CHEMICAL DEPLETION	DECAY =0.000000E+00
SURFACE STATION NO.	ISS = 13889
YEAR OF SURFACE DATA	ISY = 84
UPPER AIR STATION NO.	IUS = 13861
YEAR OF UPPER AIR DATA	IUY = 84
ALLOCATED DATA STORAGE	LIMIT = 20000 WORDS
REQUIRED DATA STORAGE FOR THIS PROBLEM RUN	MIMIT = 10182 WORDS

*** 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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*** NUMBER OF SOURCE NUMBERS REQUIRED TO DEFINE SOURCE GROUPS ***
(NSOGRP)

1, 4, 3,

*** SOURCE NUMBERS DEFINING SOURCE GROUPS ***
(IDSOR)

103, 103, -1000, 9991, 9992, 103, 800, -9994,

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

1.50, 3.10, 5.10, 8.20, 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 CATEGORY	WIND SPEED CATEGORY 1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

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

500.0, 900.0, 1300.0, 1700.0, 2100.0, 2500.0,

*** 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,

*** ISCST BY KBN 11/86 *** 1984 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

*** SOURCE DATA ***

SOURCE NUMBER	TYPE	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)
103	0 0 0	0.98800E+02	0.0	0.0	0.0	65.00	561.00	13.50	0.98	0.00	0.00	0.00
400	0 0 0	-.15100E+02	-15.0	30.0	0.0	76.20	367.00	8.80	3.66	0.00	0.00	0.00
500	0 0 0	-.86000E+01	-43.0	7.0	0.0	40.50	372.00	7.28	3.41	0.00	0.00	0.00
800	0 0 0	0.37700E+02	-165.0	14.0	0.0	76.20	474.00	13.93	4.02	0.00	0.00	0.00
1000	0 0 0	0.88800E+02	-88.0	64.0	0.0	76.20	450.00	15.39	3.66	0.00	0.00	0.00
1100	0 0 0	0.40500E+02	-192.0	58.0	0.0	70.10	489.00	22.20	3.66	0.00	0.00	0.00
1200	0 0 0	0.45200E+02	-78.0	110.0	0.0	37.00	474.00	14.54	1.22	0.00	0.00	0.00
1300	0 0 0	0.34740E+03	-87.0	88.0	0.0	70.70	501.00	17.15	2.74	0.00	0.00	0.00
9990	0 0 0	0.20110E+03	9100.0	-5700.0	0.0	22.30	458.00	31.70	3.14	0.00	0.00	0.00
9991	0 0 0	0.20110E+03	9100.0	-5700.0	0.0	22.30	458.00	31.70	3.14	0.00	0.00	0.00
9992	0 0 0	0.16360E+04	4600.0	5800.0	0.0	205.00	326.00	8.40	15.52	0.00	0.00	0.00
9994	0 0 0	0.37080E+03	8650.0	-5700.0	0.0	45.70	408.00	11.90	3.96	0.00	0.00	0.00

* CALM HOURS (=1) FOR DAY 1 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0
* CALM HOURS (=1) FOR DAY 2 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
* CALM HOURS (=1) FOR DAY 3 *	0	1	1	1	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	1	1	1	0	1
* CALM HOURS (=1) FOR DAY 4 *	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1
* CALM HOURS (=1) FOR DAY 5 *	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1
* CALM HOURS (=1) FOR DAY 6 *	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 7 *	0	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 8 *	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
* CALM HOURS (=1) FOR DAY 9 *	1	1	1	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
* CALM HOURS (=1) FOR DAY 10 *	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 *	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	0
* CALM HOURS (=1) FOR DAY 17 *	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 18 *	0	0	0	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 19 *	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 24 *	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	1	0	0	0
* CALM HOURS (=1) FOR DAY 25 *	0	0	0	1	1	1	0	1	0	0	0	0	0	0	1	1	1	0	1	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 27 *	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 29 *	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
* CALM HOURS (=1) FOR DAY 30 *	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 32 *	1	1	1	0	1	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1
* CALM HOURS (=1) FOR DAY 33 *	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
* CALM HOURS (=1) FOR DAY 34 *	1	1	1	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
* CALM HOURS (=1) FOR DAY 35 *	1	1	0	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 38 *	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 39 *	1	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	
* CALM HOURS (=1) FOR DAY 40 *	1	1	1	1	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 41 *	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	
* CALM HOURS (=1) FOR DAY 42 *	1	1	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 43 *	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 44 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0
* CALM HOURS (=1) FOR DAY 45 *	0	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 46 *	1	1	1	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 47 *	1	1	1	1	0	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	1	1	1	

* CALM HOURS (=1) FOR DAY 48 * 0 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 1 0 0 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 49 * 1 1 1 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 1 0 1 1 1
* CALM HOURS (=1) FOR DAY 50 * 0 0 0 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0
* CALM HOURS (=1) FOR DAY 51 * 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 0
* CALM HOURS (=1) FOR DAY 52 * 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 1 0 1 1
* 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 0 0 1 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 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 57 * 1 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
* 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 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 1 1 1 1 0
* CALM HOURS (=1) FOR DAY 63 * 0 0 1 1 1 1 1 1 1 1 0 0 0 1 1 1 0 0 0 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 64 * 1 1 1 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 68 * 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 69 * 0 0 0 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 70 * 1 1 1 1 1 1 1 1 0 0 0 0 1 1 0 0 0 0 0 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 71 * 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 1 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 72 * 1 1 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 73 * 0 0 0 1 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 1 0
* CALM HOURS (=1) FOR DAY 74 * 0 1 1 1 1 1 1 1 0 1 1 1 1 0 0 0 0 0 0 0 0 1 1 1
* CALM HOURS (=1) FOR DAY 75 * 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 1 1 0 1 1
* CALM HOURS (=1) FOR DAY 76 * 1 1 1 1 1 0 1 1 1 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1
* CALM HOURS (=1) FOR DAY 77 * 0 0 0 0 0 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 1 0 1
* CALM HOURS (=1) FOR DAY 78 * 1 1 1 1 1 1 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 1 1
* CALM HOURS (=1) FOR DAY 79 * 0 1 1 1 1 1 1 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0
* CALM HOURS (=1) FOR DAY 80 * 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 82 * 0 0 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0
* CALM HOURS (=1) FOR DAY 83 * 0 1 1 1 1 0 1 1 0 1 1 0 0 0 0 0 0 0 0 0 1 0 1 1
* CALM HOURS (=1) FOR DAY 84 * 1 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 86 * 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 87 * 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 90 * 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 91 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 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 1 1 1 1
* CALM HOURS (=1) FOR DAY 93 * 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
* CALM HOURS (=1) FOR DAY 94 * 0 0 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 98 * 0 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 0 1
* CALM HOURS (=1) FOR DAY 99 * 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
* CALM HOURS (=1) FOR DAY 101 * 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 102 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1
* CALM HOURS (=1) FOR DAY 103 * 1 1 1 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1
* CALM HOURS (=1) FOR DAY 104 * 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 105 * 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 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
* CALM HOURS (=1) FOR DAY 109 * 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 110 * 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 111 * 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 112 * 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 113 * 1 1 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 115 * 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 116 * 0 1 1 1 1 1 1 0 1 1 0 1 0 1 0 0 0 0 0 0 0 1 1 1
* CALM HOURS (=1) FOR DAY 117 * 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 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 1 1 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 1 1
* CALM HOURS (=1) FOR DAY 120 * 0 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0
* CALM HOURS (=1) FOR DAY 121 * 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 122 * 0 0 1 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0
* CALM HOURS (=1) FOR DAY 123 * 0 1 1 1 1 0 0 1 0 0 0 0 1 1 0 0 0 0 1 0 0 0 0 0
* CALM HOURS (=1) FOR DAY 124 * 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 126 * 0 0 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1

* CALM HOURS (=1) FOR DAY 127 *	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 128 *	0	1	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 130 *	0	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 131 *	1	1	1	1	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	1	1	1	
* CALM HOURS (=1) FOR DAY 132 *	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
* CALM HOURS (=1) FOR DAY 133 *	1	1	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 134 *	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 136 *	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 137 *	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	
* CALM HOURS (=1) FOR DAY 138 *	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	
* CALM HOURS (=1) FOR DAY 139 *	1	1	1	1	1	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1		
* CALM HOURS (=1) FOR DAY 140 *	1	1	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 142 *	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 144 *	0	0	1	1	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 145 *	0	0	0	1	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 146 *	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	
* CALM HOURS (=1) FOR DAY 147 *	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
* CALM HOURS (=1) FOR DAY 148 *	1	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 149 *	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 150 *	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	
* CALM HOURS (=1) FOR DAY 152 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
* CALM HOURS (=1) FOR DAY 153 *	1	1	0	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	1	
* CALM HOURS (=1) FOR DAY 154 *	1	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 155 *	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 156 *	1	1	1	1	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 157 *	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	
* CALM HOURS (=1) FOR DAY 158 *	1	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 159 *	1	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 160 *	1	1	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 161 *	1	1	1	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	1	
* CALM HOURS (=1) FOR DAY 162 *	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
* CALM HOURS (=1) FOR DAY 163 *	1	1	1	1	0	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	
* CALM HOURS (=1) FOR DAY 164 *	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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	1	1	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 166 *	0	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
* CALM HOURS (=1) FOR DAY 167 *	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	
* CALM HOURS (=1) FOR DAY 168 *	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
* CALM HOURS (=1) FOR DAY 169 *	1	1	1	1	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 170 *	1	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 171 *	0	0	1	1	1	1	1	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 172 *	1	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	
* CALM HOURS (=1) FOR DAY 173 *	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 174 *	0	1	0	1	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	
* CALM HOURS (=1) FOR DAY 175 *	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1
* CALM HOURS (=1) FOR DAY 176 *	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
* CALM HOURS (=1) FOR DAY 177 *	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 178 *	0	1	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 179 *	1	0	1	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 180 *	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 183 *	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 184 *	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	
* CALM HOURS (=1) FOR DAY 185 *	1	1	1	1	1	1	1	0	0	1	1	0	1	0	0	0	0	0	0	0	1	0	0	1	
* CALM HOURS (=1) FOR DAY 186 *	0	1	1	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 187 *	0	0	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 188 *	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	
* CALM HOURS (=1) FOR DAY 189 *	1	1	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 190 *	0	1	1	1	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 191 *	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
* CALM HOURS (=1) FOR DAY 192 *	1	1	1	1	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	1	1	1	1	
* CALM HOURS (=1) FOR DAY 193 *	1	1	1	0	1	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	

* CALM HOURS (=1) FOR DAY 194 *	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 195 *	1	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 196 *	0	1	1	1	1	1	1	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 197 *	1	1	1	1	1	1	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1
* CALM HOURS (=1) FOR DAY 198 *	1	1	1	1	1	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 199 *	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 200 *	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 201 *	0	0	1	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 202 *	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
* CALM HOURS (=1) FOR DAY 203 *	1	1	1	1	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 204 *	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
* CALM HOURS (=1) FOR DAY 205 *	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
* CALM HOURS (=1) FOR DAY 206 *	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
* CALM HOURS (=1) FOR DAY 207 *	1	1	1	1	1	1	0	1	1	1	0	1	1	0	0	0	0	0	0	0	1	1	1
* CALM HOURS (=1) FOR DAY 208 *	1	1	1	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 209 *	0	1	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1
* CALM HOURS (=1) FOR DAY 210 *	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
* CALM HOURS (=1) FOR DAY 211 *	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
* CALM HOURS (=1) FOR DAY 212 *	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 213 *	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
* CALM HOURS (=1) FOR DAY 214 *	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1	0
* CALM HOURS (=1) FOR DAY 215 *	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 216 *	1	1	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
* CALM HOURS (=1) FOR DAY 217 *	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
* CALM HOURS (=1) FOR DAY 218 *	0	1	1	1	1	1	1	0	1	1	1	0	1	0	0	0	0	0	0	0	0	1	1	0
* CALM HOURS (=1) FOR DAY 219 *	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1
* CALM HOURS (=1) FOR DAY 220 *	1	1	1	1	1	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 221 *	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
* CALM HOURS (=1) FOR DAY 222 *	0	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
* CALM HOURS (=1) FOR DAY 223 *	0	1	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 224 *	1	0	1	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 225 *	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 226 *	0	0	1	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 227 *	1	1	1	0	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY 228 *	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
* CALM HOURS (=1) FOR DAY 229 *	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
* CALM HOURS (=1) FOR DAY 230 *	0	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
* CALM HOURS (=1) FOR DAY 231 *	1	1	0	1	0	1	1	0	0	1	0	0	0	0	0	0	1	1	0	1	0	0	0	0
* CALM HOURS (=1) FOR DAY 232 *	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
* CALM HOURS (=1) FOR DAY 233 *	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
* CALM HOURS (=1) FOR DAY 234 *	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 235 *	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 237 *	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 238 *	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
* CALM HOURS (=1) FOR DAY 239 *	1	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 240 *	0	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
* CALM HOURS (=1) FOR DAY 241 *	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
* CALM HOURS (=1) FOR DAY 242 *	1	1	1	1	1	0	1	1	1	1	0	1	0	0	1	0	0	0	0	0	1	1	1	1
* CALM HOURS (=1) FOR DAY 243 *	1	1	1	1	1	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	1	1	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	1	1	1	0	0	0
* CALM HOURS (=1) FOR DAY 245 *	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	1
* CALM HOURS (=1) FOR DAY 246 *	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
* CALM HOURS (=1) FOR DAY 247 *	1	1	1	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 248 *	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY 249 *	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 251 *	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 252 *	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	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY 256 *	1	1	0	0	1	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0	1	1	0	0
* CALM HOURS (=1) FOR DAY 257 *	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0

* CALM HOURS (=1) FOR DAY 258 * 0 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 1 0 0 0
* CALM HOURS (=1) FOR DAY 259 * 0 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0
CALM HOURS (=1) FOR DAY 260 * 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 263 * 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 264 * 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 0 1
CALM HOURS (=1) FOR DAY 265 * 1 0 0 1 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1
CALM HOURS (=1) FOR DAY 266 * 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
* CALM HOURS (=1) FOR DAY 267 * 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 268 * 0 0 0 1 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 269 * 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 1
* CALM HOURS (=1) FOR DAY 270 * 1 0 1 1 1 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 271 * 1 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 273 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1
CALM HOURS (=1) FOR DAY 274 * 1 1 0 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
* CALM HOURS (=1) FOR DAY 275 * 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 276 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1
CALM HOURS (=1) FOR DAY 277 * 1 1 1 1 1 1 1 1 0 0 0 0 0 0 1 0 0 0 0 1 1 1 1 1
* CALM HOURS (=1) FOR DAY 278 * 1 1 1 1 1 1 1 1 1 1 0 0 0 1 0 0 0 0 0 1 1 1 1 1
* CALM HOURS (=1) FOR DAY 279 * 1 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 1 1 1 0 1 1
CALM HOURS (=1) FOR DAY 280 * 1 1 1 1 1 1 1 1 0 1 0 0 0 0 0 0 0 0 1 0 1 1 1 1
CALM HOURS (=1) FOR DAY 281 * 1 0 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 282 * 0 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 1 0
CALM HOURS (=1) FOR DAY 283 * 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 285 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 0 1
* CALM HOURS (=1) FOR DAY 286 * 1 1 1 1 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 1 1 1 1 1 1
* CALM HOURS (=1) FOR DAY 287 * 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 1 1
CALM HOURS (=1) FOR DAY 288 * 1 1 1 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0 1 1 1 0 1 1
* CALM HOURS (=1) FOR DAY 289 * 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 1 1 0 0 0 1 1 1
* CALM HOURS (=1) FOR DAY 290 * 1 1 1 1 1 1 1 1 1 0 0 1 0 0 0 0 0 0 0 0 1 0 0 1
CALM HOURS (=1) FOR DAY 291 * 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 1 0 0 0 0 0 0 1 1
CALM HOURS (=1) FOR DAY 292 * 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 293 * 1 1 1 1 1 1 0 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 1 1
CALM HOURS (=1) FOR DAY 294 * 1 1 1 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 295 * 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 296 * 0 1 1 1 1 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 297 * 1 1 1 1 0 0 1 1 0 0 0 1 0 0 0 0 0 0 0 0 0 1 1 1
CALM HOURS (=1) FOR DAY 298 * 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1
CALM HOURS (=1) FOR DAY 299 * 1 1 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 301 * 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 302 * 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 303 * 0 0 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 1 1 1 1 1
* CALM HOURS (=1) FOR DAY 304 * 1 0 1 1 1 1 1 1 1 0 1 0 0 0 0 0 0 0 1 0 0 1 1 1
CALM HOURS (=1) FOR DAY 305 * 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 306 * 1 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 1 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 307 * 1 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 308 * 0 0 0 1 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0
CALM HOURS (=1) FOR DAY 309 * 0 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1
CALM HOURS (=1) FOR DAY 310 * 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 311 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0
CALM HOURS (=1) FOR DAY 314 * 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
CALM HOURS (=1) FOR DAY 315 * 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0
* CALM HOURS (=1) FOR DAY 318 * 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1
CALM HOURS (=1) FOR DAY 319 * 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1
CALM HOURS (=1) FOR DAY 320 * 1 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 1 1 1 1 1
CALM HOURS (=1) FOR DAY 321 * 1 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 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1
CALM HOURS (=1) FOR DAY 323 * 1 1 1 1 0 1 1 1 1 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0
CALM HOURS (=1) FOR DAY 329 * 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 330 * 0 1 1 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0
CALM HOURS (=1) FOR DAY 331 * 1 1 1 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1

* CALM HOURS (=1) FOR DAY 332 * 1 1 1 1 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 333 * 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 334 * 0 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1
* CALM HOURS (=1) FOR DAY 335 * 0 1 1 1 1 1 0 1 0 1 0 0 0 0 0 0 0 0 1 1 1 0 0 1 1
* CALM HOURS (=1) FOR DAY 336 * 1 0 1 1 1 1 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0 1 1 1
* CALM HOURS (=1) FOR DAY 337 * 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1
* CALM HOURS (=1) FOR DAY 338 * 1 1 1 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1
* CALM HOURS (=1) FOR DAY 339 * 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 340 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 1 1 1 0 0
* CALM HOURS (=1) FOR DAY 342 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 0 1 1 1 1 1 1 1
* CALM HOURS (=1) FOR DAY 343 * 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 0 1
* CALM HOURS (=1) FOR DAY 344 * 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 0 1
* CALM HOURS (=1) FOR DAY 345 * 1 1 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 346 * 0 0 0 0 0 1 1 0 0 0 1 1 0 0 0 0 1 0 0 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 347 * 1 1 0 0 0 1 0 1 1 0 0 0 1 0 0 0 0 0 1 1 1 1 1 1
* CALM HOURS (=1) FOR DAY 348 * 0 0 1 1 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 1
* CALM HOURS (=1) FOR DAY 349 * 1 0 1 1 0 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 1 0
* CALM HOURS (=1) FOR DAY 350 * 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 351 * 0 0 0 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1
* CALM HOURS (=1) FOR DAY 352 * 0 0 1 0 1 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 1 0 1 0
* CALM HOURS (=1) FOR DAY 353 * 0 1 1 1 0 1 1 1 1 0 0 0 0 0 0 1 0 0 0 1 1 0 0 0
* CALM HOURS (=1) FOR DAY 354 * 1 1 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 1 0 0 1 1 1 0
* CALM HOURS (=1) FOR DAY 355 * 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1
* CALM HOURS (=1) FOR DAY 356 * 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 1 0 1 1 0 0
* CALM HOURS (=1) FOR DAY 357 * 1 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 1 0 0
* CALM HOURS (=1) FOR DAY 358 * 1 1 1 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 359 * 1 1 1 1 1 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 360 * 1 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 1 1 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 361 * 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 363 * 0 1 0 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1
* CALM HOURS (=1) FOR DAY 364 * 1 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 1 1 1 1 1
* CALM HOURS (=1) FOR DAY 365 * 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 0 0 1 0 1 1 1 1 1
* CALM HOURS (=1) FOR DAY 366 * 1 1 1 1 1 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0

*** ISCST BY KBN 11/86 *** 1984 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

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

* FROM SOURCES: 103, -1000, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 7.97067 AND OCCURRED AT (1300.0, 310.0) *

DIRECTION /	RANGE (METERS)					
(DEGREES) /	500.0	900.0	1300.0	1700.0	2100.0	2500.0
360.0 /	4.69227	6.49583	6.50520	6.17955	5.84365	5.55111
350.0 /	4.62015	6.40186	6.55006	6.33646	6.06321	5.76455
340.0 /	4.35402	5.98812	6.17861	5.99067	5.74949	5.48261
330.0 /	4.21707	5.91398	6.19530	6.05449	5.84657	5.61320
320.0 /	4.49069	6.72396	7.23207	7.13895	6.90928	6.62084
310.0 /	4.91099	7.45171	7.97067	7.80333	7.46467	7.06147
300.0 /	4.84017	6.94614	7.24327	6.98533	6.62065	6.22833
290.0 /	4.57943	6.18038	6.35392	6.08516	5.74514	5.40146
280.0 /	4.56248	6.00043	6.07887	5.80146	5.47156	5.14074
270.0 /	4.47656	6.10497	6.31760	6.09523	5.76134	5.38218
260.0 /	4.29916	6.07551	6.51532	6.41516	6.14256	5.80350
250.0 /	4.12993	5.80154	6.13912	5.99854	5.74222	5.46560
240.0 /	4.02217	5.81784	6.21025	6.13524	5.96090	5.73519
230.0 /	3.94913	5.93651	6.55903	6.62149	6.51882	6.29676
220.0 /	3.74737	5.57668	6.14698	6.19028	6.09396	5.89993
210.0 /	3.54853	4.88556	5.14613	5.05220	4.88411	4.67847
200.0 /	3.55262	4.78910	4.94832	4.81061	4.61853	4.40968
190.0 /	3.61575	5.22036	5.72922	5.78077	5.68984	5.51954
180.0 /	3.57979	5.22287	5.63401	5.60956	5.49838	5.31631
170.0 /	3.40788	4.75542	5.31928	5.50322	5.52927	5.43169
160.0 /	3.39445	4.47194	4.87610	5.01738	4.99087	4.89427
150.0 /	3.72283	5.11658	5.29313	5.17785	4.94571	4.66967
140.0 /	4.02307	5.95246	6.28887	6.18628	5.96620	5.70189
130.0 /	4.30273	6.81306	7.20929	6.98562	6.63350	6.27741
120.0 /	4.37088	6.91476	7.27484	7.04442	6.69868	6.35565
110.0 /	4.17360	6.39530	6.45670	6.12942	5.80782	5.54072
100.0 /	4.29228	7.10269	7.31288	6.97217	6.60587	6.27662
90.0 /	4.30631	6.84074	6.98955	6.66602	6.30728	5.97791
80.0 /	4.28768	6.45201	6.50996	6.17254	5.80463	5.53249
70.0 /	4.40644	6.60553	6.77955	6.47426	6.12980	5.89854
60.0 /	4.54644	6.83305	7.02107	6.69306	6.36250	6.13086
50.0 /	4.62711	6.96779	7.19459	6.90057	6.60923	6.37838
40.0 /	4.59235	6.86710	6.98553	6.62629	6.30910	6.07140
30.0 /	4.32220	6.03108	6.18234	5.99229	5.83180	5.73998
20.0 /	4.29884	5.77044	5.99800	5.90590	5.79023	5.71297
10.0 /	4.54664	6.19685	6.27159	6.02372	5.77201	5.58151

*** ISCST BY KBN 11/86 *** 1984 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, -1000, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 88.37188 AND OCCURRED AT (500.0, 300.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	47.82944C(187, 1)	67.42455C(112, 1)	61.06330C(112, 1)	54.73373C(112, 1)	49.24286C(112, 1)
350.0 /	40.00921C(227, 1)	50.29185C(112, 1)	51.41220C(320, 1)	51.77203C(320, 1)	46.53616C(320, 1)
340.0 /	38.34869C(217, 1)	38.51770C(214, 1)	37.17888C(192, 1)	39.74131C(192, 1)	37.72697C(192, 1)
330.0 /	45.77880C(217, 1)	51.91030C(211, 1)	48.88626C(211, 1)	42.85997C(217, 1)	38.27227C(217, 1)
320.0 /	43.79544C(167, 1)	55.15806C(168, 1)	56.41243C(168, 1)	49.48141C(168, 1)	43.79001C(168, 1)
310.0 /	78.09281C(167, 1)	73.09845C(167, 1)	60.56232C(167, 1)	59.51199C(99, 1)	57.84232C(99, 1)
300.0 /	88.37188C(167, 1)	87.56007C(167, 1)	74.50611C(167, 1)	63.34007C(167, 1)	60.18428C(146, 1)
290.0 /	57.49091C(167, 1)	61.03366C(133, 1)	53.14786C(133, 1)	48.93603C(93, 1)	48.70218C(93, 1)
280.0 /	65.34091C(160, 1)	70.73988C(160, 1)	60.17078C(160, 1)	53.02076C(160, 1)	47.20578C(160, 1)
270.0 /	54.85862C(192, 1)	52.67265C(239, 1)	48.42484C(239, 1)	48.73587C(319, 1)	46.39676C(319, 1)
260.0 /	55.99409C(192, 1)	65.34477C(33, 1)	70.02771C(33, 1)	62.82216C(33, 1)	54.74079C(33, 1)
250.0 /	49.09897C(238, 1)	54.43560C(240, 1)	51.24920C(330, 1)	48.41607C(330, 1)	44.60745C(330, 1)
240.0 /	39.89915C(157, 1)	57.29138C(146, 1)	56.42260C(146, 1)	49.35131C(146, 1)	43.06398C(146, 1)
230.0 /	46.48108C(276, 1)	56.97487C(276, 1)	54.55397C(146, 1)	53.62194C(146, 1)	50.06394C(146, 1)
220.0 /	55.04749C(276, 1)	83.72610C(276, 1)	74.67879C(276, 1)	64.53966C(276, 1)	67.72452C(361, 1)
210.0 /	50.12731C(2, 1)	78.17200C(2, 1)	73.71423C(2, 1)	66.62254C(2, 1)	60.93660C(2, 1)
200.0 /	49.44091C(132, 1)	51.79001C(4, 1)	50.27875C(4, 1)	44.48346C(4, 1)	40.83204C(276, 1)
190.0 /	36.80717C(178, 1)	48.64453C(4, 1)	46.20927C(4, 1)	57.81062 (326, 1)	62.60265 (326, 1)
180.0 /	51.58453C(130, 1)	59.28762C(130, 1)	52.38730C(276, 1)	48.86776C(276, 1)	53.34098 (15, 1)
170.0 /	50.95427C(130, 1)	54.70714C(130, 1)	47.13601C(130, 1)	46.98849C(152, 1)	51.89330 (13, 1)
160.0 /	43.49537C(276, 1)	45.08787C(276, 1)	37.65404C(229, 1)	36.37975 (21, 1)	42.64226 (21, 1)
150.0 /	44.79218C(229, 1)	60.28211C(318, 1)	58.59243C(318, 1)	54.27811 (151, 1)	49.98748 (151, 1)
140.0 /	49.34399C(229, 1)	52.20350C(318, 1)	51.19210C(318, 1)	42.08958C(318, 1)	43.50856 (254, 1)
130.0 /	36.25670C(229, 1)	51.67375C(155, 1)	56.30732C(287, 1)	51.48347C(287, 1)	45.87502C(287, 1)
120.0 /	48.17836C(194, 1)	62.49145C(259, 1)	55.81895C(259, 1)	47.18738C(259, 1)	39.22730C(259, 1)
110.0 /	39.29270C(223, 1)	59.24532C(230, 1)	53.03782C(230, 1)	43.88253C(230, 1)	36.45655C(222, 1)
100.0 /	51.05271C(223, 1)	65.06076C(223, 1)	54.39264C(244, 1)	46.74407C(244, 1)	39.55278C(244, 1)
90.0 /	36.85200C(223, 1)	62.57751 (135, 1)	54.98164 (135, 1)	45.91004 (135, 1)	38.62825 (135, 1)
80.0 /	34.95495C(276, 1)	54.64697C(76, 1)	45.45461C(232, 1)	39.10383C(232, 1)	32.84880C(232, 1)
70.0 /	40.22427C(225, 1)	66.82505C(225, 1)	57.55975C(225, 1)	48.21534C(355, 1)	43.54611C(355, 1)
60.0 /	41.41668C(225, 1)	70.41451C(225, 1)	63.14864C(354, 1)	56.24435C(354, 1)	47.86728C(354, 1)
50.0 /	39.57639C(257, 1)	59.65751C(180, 1)	57.31695C(180, 1)	47.55774C(180, 1)	51.57101 (125, 1)
40.0 /	36.45545C(111, 1)	61.55967C(180, 1)	54.93255C(180, 1)	47.66068C(6, 1)	43.71792C(6, 1)
30.0 /	36.84493C(128, 1)	54.39496C(180, 1)	50.63117C(180, 1)	46.68092C(180, 1)	44.40951C(180, 1)
20.0 /	50.06366C(134, 1)	49.87980C(180, 1)	50.62212C(180, 1)	50.30078C(10, 1)	57.06950C(10, 1)
10.0 /	48.50066C(134, 1)	41.35268C(180, 1)	40.47082C(180, 1)	34.81761C(180, 1)	34.98667C(112, 1)

*** ISCST BY KBN 11/86 *** 1984 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, -1000, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 88.37188 AND OCCURRED AT (500.0, 300.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	41.45716C(112, 1)
350.0 /	40.45634C(320, 1)
340.0 /	34.07202C(159, 1)
330.0 /	38.41194C(44, 1)
320.0 /	47.89423C(44, 1)
310.0 /	56.88968C(159, 1)
300.0 /	59.90385C(146, 1)
290.0 /	47.27518C(93, 1)
280.0 /	42.33371C(160, 1)
270.0 /	43.39828C(319, 1)
260.0 /	49.50418C(137, 1)
250.0 /	41.70088C(72, 1)
240.0 /	40.05069C(264, 1)
230.0 /	45.74607C(146, 1)
220.0 /	69.16556C(361, 1)
210.0 /	56.18971C(2, 1)
200.0 /	37.98464C(276, 1)
190.0 /	62.68648 (326, 1)
180.0 /	61.29139 (15, 1)
170.0 /	57.44294 (13, 1)
160.0 /	44.69989 (21, 1)
150.0 /	45.32943 (151, 1)
140.0 /	43.93417 (254, 1)
130.0 /	40.98817C(287, 1)
120.0 /	40.60462C(4, 1)
110.0 /	33.11479C(4, 1)
100.0 /	35.13573 (60, 1)
90.0 /	32.80126 (135, 1)
80.0 /	30.12227C(346, 1)
70.0 /	38.67315C(355, 1)
60.0 /	42.64020C(30, 1)
50.0 /	52.44817 (125, 1)
40.0 /	40.09895C(6, 1)
30.0 /	42.55627C(180, 1)
20.0 /	58.82601C(10, 1)
10.0 /	36.25349C(137, 1)

*** ISCST BY KBN 11/86 *** 1984 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, -1000, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 78.07323 AND OCCURRED AT (900.0, 210.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	36.82512C(227, 1)	43.59484C(8, 1)	40.38154C(8, 1)	33.40792C(50, 1)	33.10020C(137, 1)
350.0 /	38.18331C(170, 1)	45.73137C(170, 1)	46.42167C(118, 1)	42.95939C(112, 1)	40.59966C(148, 1)
340.0 /	35.65190C(170, 1)	37.00373C(142, 1)	34.33527C(214, 1)	33.67502C(178, 1)	31.15282C(178, 1)
330.0 /	28.53028C(178, 1)	50.09982C(217, 1)	47.16671C(217, 1)	41.97770C(211, 1)	36.76288C(44, 1)
320.0 /	38.61369C(216, 1)	50.65070C(216, 1)	51.58186C(169, 1)	47.96616C(169, 1)	43.61170C(169, 1)
310.0 /	46.29976C(216, 1)	52.34521C(99, 1)	58.36545C(99, 1)	54.09048C(206, 1)	55.33465C(159, 1)
300.0 /	41.56270C(216, 1)	54.54389C(146, 1)	59.57636C(146, 1)	59.49759C(146, 1)	54.89541C(167, 1)
290.0 /	56.60461C(133, 1)	60.89574C(160, 1)	50.46404C(160, 1)	45.91827C(133, 1)	40.82952C(133, 1)
280.0 /	49.88447C(133, 1)	48.89741C(239, 1)	50.18075C(239, 1)	47.80000C(239, 1)	43.87224C(239, 1)
270.0 /	53.65095C(158, 1)	45.82587C(159, 1)	48.31010C(319, 1)	41.40747C(239, 1)	38.62910C(147, 1)
260.0 /	51.76257C(238, 1)	59.69065C(238, 1)	49.03065C(330, 1)	46.89696C(137, 1)	48.88301C(137, 1)
250.0 /	44.93490C(157, 1)	47.48839C(330, 1)	47.72836C(240, 1)	42.15062C(331, 1)	41.65363C(72, 1)
240.0 /	32.28181C(192, 1)	43.83553C(241, 1)	44.05497C(241, 1)	43.32539C(264, 1)	42.17512C(264, 1)
230.0 /	38.20872C(167, 1)	47.62794C(146, 1)	48.36987C(276, 1)	41.86633C(276, 1)	42.37813 (300, 1)
220.0 /	48.37618C(2, 1)	69.14885C(2, 1)	64.07272C(2, 1)	61.33678C(9, 1)	60.70018 (262, 1)
210.0 /	47.34771C(276, 1)	78.07323C(276, 1)	73.19692C(276, 1)	64.03007C(276, 1)	56.77577C(276, 1)
200.0 /	37.40821C(276, 1)	49.98565C(276, 1)	47.70410C(276, 1)	44.01782C(276, 1)	38.69305C(4, 1)
190.0 /	35.61703C(276, 1)	45.16176C(276, 1)	44.11729C(276, 1)	48.61852 (327, 1)	51.95747 (327, 1)
180.0 /	39.28201C(276, 1)	51.94320C(276, 1)	49.05857C(130, 1)	40.20271C(130, 1)	44.20424C(276, 1)
170.0 /	44.82559C(276, 1)	50.55285C(276, 1)	46.46968C(152, 1)	41.43370 (20, 1)	46.84591 (20, 1)
160.0 /	36.28256C(153, 1)	42.72951C(229, 1)	36.94450C(276, 1)	33.78704C(152, 1)	38.16891 (20, 1)
150.0 /	39.29674C(153, 1)	58.83775C(288, 1)	56.61586 (151, 1)	50.45745C(318, 1)	43.75433C(318, 1)
140.0 /	34.50554C(276, 1)	46.37639C(288, 1)	42.86658C(38, 1)	41.21283C(338, 1)	42.03337C(338, 1)
130.0 /	34.58048C(276, 1)	51.01495C(287, 1)	46.51249C(155, 1)	38.41623C(155, 1)	39.21012 (37, 1)
120.0 /	46.20275C(259, 1)	50.55013C(230, 1)	45.16655C(115, 1)	41.89698C(115, 1)	37.47788C(4, 1)
110.0 /	38.04272C(194, 1)	51.32033C(259, 1)	45.57143C(222, 1)	42.23392C(222, 1)	36.40105C(230, 1)
100.0 /	36.62248C(258, 1)	56.58524C(244, 1)	48.34152 (135, 1)	41.42158C(224, 1)	36.89364C(172, 1)
90.0 /	35.10705C(276, 1)	59.97585C(223, 1)	49.99427C(223, 1)	40.74470C(223, 1)	34.57102C(223, 1)
80.0 /	28.12487C(172, 1)	44.31960C(232, 1)	45.02175C(76, 1)	34.41341C(76, 1)	32.67275C(346, 1)
70.0 /	34.57006C(276, 1)	44.91338C(232, 1)	49.95406C(355, 1)	46.84138C(225, 1)	38.34120C(225, 1)
60.0 /	39.40625C(223, 1)	58.20835C(354, 1)	60.62991C(225, 1)	49.31123C(225, 1)	45.34867C(30, 1)
50.0 /	37.99752C(172, 1)	50.89156C(225, 1)	47.04512C(225, 1)	46.99772 (125, 1)	39.08014C(180, 1)
40.0 /	35.05710C(180, 1)	49.15417C(111, 1)	51.05563C(6, 1)	47.05684C(180, 1)	42.09187C(180, 1)
30.0 /	34.07913C(180, 1)	40.35055C(210, 1)	41.03305C(210, 1)	33.98980C(6, 1)	34.48286C(6, 1)
20.0 /	37.32480C(128, 1)	36.86812C(247, 1)	41.05128C(34, 1)	48.27659C(180, 1)	45.03965C(180, 1)
10.0 /	47.47933C(187, 1)	40.58394C(112, 1)	36.54185C(112, 1)	34.77697C(112, 1)	29.42896C(170, 1)

*** ISCST BY KBN 11/86 *** 1984 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, -1000, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 78.07323 AND OCCURRED AT (900.0, 210.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	33.66278C(137, 1)
350.0 /	39.46272C(148, 1)
340.0 /	31.90435C(146, 1)
330.0 /	34.57214C(217, 1)
320.0 /	39.67369C(169, 1)
310.0 /	54.84546C(99, 1)
300.0 /	49.74683C(93, 1)
290.0 /	37.10395C(146, 1)
280.0 /	39.52897C(239, 1)
270.0 /	38.45054C(147, 1)
260.0 /	47.46509C(33, 1)
250.0 /	40.49800C(330, 1)
240.0 /	37.68806C(146, 1)
230.0 /	43.20536 (300, 1)
220.0 /	61.80770 (262, 1)
210.0 /	51.25643C(276, 1)
200.0 /	33.63458C(4, 1)
190.0 /	51.72129 (327, 1)
180.0 /	39.24766C(276, 1)
170.0 /	48.02070 (20, 1)
160.0 /	44.46292 (14, 1)
150.0 /	38.50432C(318, 1)
140.0 /	40.94557C(338, 1)
130.0 /	38.54257 (37, 1)
120.0 /	33.06018C(45, 1)
110.0 /	31.24827C(222, 1)
100.0 /	33.57788C(244, 1)
90.0 /	31.50950C(224, 1)
80.0 /	29.05474C(4, 1)
70.0 /	34.86781 (236, 1)
60.0 /	40.48515C(354, 1)
50.0 /	35.10799C(276, 1)
40.0 /	38.70906C(180, 1)
30.0 /	34.06516C(6, 1)
20.0 /	39.91060C(180, 1)
10.0 /	34.20334C(112, 1)

*** ISCST BY KBN 11/86 *** 1984 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

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

* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 19.08381 AND OCCURRED AT (1700.0, 310.0) *

DIRECTION /	RANGE (METERS)					
(DEGREES) /	500.0	900.0	1300.0	1700.0	2100.0	2500.0
360.0 /	9.66799	14.45264	15.06228	14.66567	14.11464	13.57406
350.0 /	9.50348	14.27858	15.23341	15.04844	14.56503	13.94275
340.0 /	9.03313	13.48367	14.49149	14.33484	13.88667	13.28102
330.0 /	8.66397	13.15258	14.43020	14.46729	14.17694	13.70742
320.0 /	9.15523	15.22357	17.18647	17.37438	17.05494	16.48206
310.0 /	9.83637	16.73966	18.94203	19.08381	18.54453	17.70761
300.0 /	9.61589	15.34748	16.85101	16.73785	16.13602	15.32005
290.0 /	9.48411	13.92133	14.75063	14.41350	13.77554	13.02359
280.0 /	9.59192	13.91504	14.38947	13.95436	13.26117	12.46841
270.0 /	9.43704	14.19678	15.11999	14.87346	14.20982	13.32500
260.0 /	9.26572	13.69824	14.81896	14.82235	14.33079	13.58213
250.0 /	9.20800	13.39689	14.42228	14.23424	13.60814	12.88477
240.0 /	9.24592	13.96324	15.04076	14.84668	14.29208	13.63124
230.0 /	8.90837	14.15893	15.94768	16.11814	15.82364	15.25354
220.0 /	8.60969	12.62296	13.75541	13.90315	13.81364	13.47818
210.0 /	8.58011	11.49957	11.95963	11.77708	11.47277	11.04729
200.0 /	8.96361	12.09457	12.36025	11.97945	11.51666	11.00170
190.0 /	9.14632	12.96022	13.96915	13.99011	13.74228	13.33282
180.0 /	8.98491	12.59646	13.53753	13.52685	13.26159	12.83038
170.0 /	8.64225	11.77107	12.94498	13.24660	13.14661	12.86993
160.0 /	8.82705	11.36855	12.19409	12.40805	12.17118	11.81667
150.0 /	9.70149	12.56616	13.11021	13.05290	12.63072	12.00163
140.0 /	10.69663	14.66677	15.59240	15.64375	15.32622	14.84709
130.0 /	11.66444	16.76226	17.91582	17.87299	17.38482	16.76945
120.0 /	12.05599	17.37785	18.52902	18.44672	17.94322	17.34562
110.0 /	11.52456	15.92319	16.54713	16.33753	15.91372	15.46964
100.0 /	11.36105	16.92420	18.15755	18.19516	17.82999	17.32791
90.0 /	11.62096	17.01446	17.91573	17.71185	17.19186	16.66128
80.0 /	11.33252	15.85158	16.53513	16.28663	15.82947	15.49084
70.0 /	10.99171	15.84187	16.79933	16.65769	16.34075	16.06816
60.0 /	11.04791	16.28723	17.19144	17.03831	16.79416	16.46750
50.0 /	11.02401	16.59479	17.72863	17.74739	17.60738	17.24610
40.0 /	10.82916	16.43401	17.09772	16.77731	16.44761	15.99569
30.0 /	10.28149	14.81399	15.35498	15.13559	14.92869	14.66445
20.0 /	9.75798	13.59759	14.28125	14.17717	14.02932	13.87607
10.0 /	9.56420	13.94012	14.69795	14.44567	14.08739	13.77704

*** ISCST BY KBN 11/86 *** 1984 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 211.25623 AND OCCURRED AT (900.0, 300.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	74.33972C(187, 1)	129.60164C(112, 1)	140.69638C(112, 1)	139.08566C(112, 1)	129.88705C(112, 1)
350.0 /	71.99847C(131, 1)	115.96757C(112, 1)	121.77471C(112, 1)	118.26647C(112, 1)	106.83650C(112, 1)
340.0 /	73.16743C(131, 1)	88.63499C(170, 1)	86.43159C(214, 1)	89.20554C(166, 1)	86.68005C(166, 1)
330.0 /	73.39172C(131, 1)	122.48557C(217, 1)	128.11296C(217, 1)	119.51765C(217, 1)	109.70351C(211, 1)
320.0 /	81.43065C(167, 1)	120.81126C(216, 1)	129.43298C(169, 1)	130.00215C(169, 1)	124.46622C(169, 1)
310.0 /	138.11276C(167, 1)	190.33315C(167, 1)	177.42827C(99, 1)	181.94899C(99, 1)	176.72856C(99, 1)
300.0 /	141.67070C(167, 1)	211.25623C(167, 1)	192.35539C(167, 1)	170.17444C(167, 1)	152.93224C(167, 1)
290.0 /	103.14300C(160, 1)	172.26686C(160, 1)	158.05026C(160, 1)	138.56067C(160, 1)	119.64411C(160, 1)
280.0 /	94.22433C(160, 1)	153.32793C(160, 1)	152.85078C(160, 1)	148.18437C(239, 1)	135.22055C(239, 1)
270.0 /	97.72077C(192, 1)	108.85298C(239, 1)	122.42273C(239, 1)	118.22263C(239, 1)	106.47515C(239, 1)
260.0 /	91.38398C(192, 1)	138.80801C(238, 1)	127.08323C(238, 1)	130.65370C(33, 1)	127.80322C(33, 1)
250.0 /	85.23192C(157, 1)	109.32415C(146, 1)	99.25582C(146, 1)	91.77599C(138, 1)	95.27684C(72, 1)
240.0 /	74.20527C(146, 1)	126.64597C(146, 1)	131.47241C(146, 1)	122.45635C(146, 1)	111.48708C(146, 1)
230.0 /	75.79268C(276, 1)	104.14336C(276, 1)	102.15036C(146, 1)	106.20586 (262, 1)	107.49028 (262, 1)
220.0 /	75.92118C(2, 1)	134.61685C(276, 1)	138.17912C(276, 1)	130.49954C(276, 1)	128.92557C(361, 1)
210.0 /	85.34756C(132, 1)	119.32905C(132, 1)	122.93155C(2, 1)	122.05906C(2, 1)	116.83630C(2, 1)
200.0 /	76.60065C(178, 1)	91.39877C(4, 1)	99.72317C(4, 1)	96.45197C(4, 1)	88.41412C(4, 1)
190.0 /	92.22987C(130, 1)	103.47343C(130, 1)	104.29300 (326, 1)	128.66486 (326, 1)	139.75708 (326, 1)
180.0 /	113.77590C(130, 1)	142.63309C(130, 1)	118.53397C(130, 1)	102.11376C(130, 1)	104.17483 (15, 1)
170.0 /	97.85367C(130, 1)	127.50070C(130, 1)	113.33845C(130, 1)	110.23798C(152, 1)	107.20027 (13, 1)
160.0 /	81.63126C(153, 1)	91.74394C(229, 1)	93.30051 (151, 1)	90.61539 (151, 1)	87.46913 (21, 1)
150.0 /	101.59468C(229, 1)	130.69702 (151, 1)	148.04225 (151, 1)	146.48294 (151, 1)	137.73549 (151, 1)
140.0 /	104.96891C(229, 1)	102.74270C(229, 1)	104.64779C(318, 1)	103.00716C(338, 1)	108.12413 (254, 1)
130.0 /	77.87074C(229, 1)	119.36766C(155, 1)	123.26663C(287, 1)	123.48191C(287, 1)	117.13159C(287, 1)
120.0 /	96.81052C(194, 1)	129.22639C(259, 1)	120.47009C(259, 1)	109.56557C(259, 1)	97.27827C(259, 1)
110.0 /	91.82844C(259, 1)	135.27821C(230, 1)	134.84940C(230, 1)	121.29625C(230, 1)	105.47739C(230, 1)
100.0 /	92.85442C(223, 1)	134.13081C(223, 1)	131.26846C(244, 1)	120.61629C(244, 1)	106.23805C(244, 1)
90.0 /	88.55679C(223, 1)	138.42966C(223, 1)	140.04070 (135, 1)	128.82919 (135, 1)	113.64208 (135, 1)
80.0 /	68.27200C(131, 1)	94.70250C(76, 1)	103.00413C(232, 1)	99.92999C(232, 1)	91.32178C(232, 1)
70.0 /	66.77677C(131, 1)	137.28452C(225, 1)	144.50789C(225, 1)	131.53009C(225, 1)	114.22665C(225, 1)
60.0 /	94.12822C(225, 1)	169.80074C(225, 1)	163.81383C(225, 1)	141.59386C(225, 1)	118.70927C(225, 1)
50.0 /	88.41258C(225, 1)	144.51524C(225, 1)	145.42627C(225, 1)	131.08061C(225, 1)	133.52390 (125, 1)
40.0 /	66.40485C(140, 1)	105.23994C(111, 1)	108.50791C(111, 1)	104.95007C(6, 1)	104.54213C(6, 1)
30.0 /	80.73170C(111, 1)	98.56992C(111, 1)	96.76836C(6, 1)	107.76206C(6, 1)	111.93996C(6, 1)
20.0 /	77.75936C(111, 1)	88.87586C(247, 1)	108.75718C(247, 1)	114.16629C(247, 1)	126.82863C(10, 1)
10.0 /	76.67485C(134, 1)	96.10569C(134, 1)	79.07668C(112, 1)	80.66103C(112, 1)	78.75768C(112, 1)

*** ISCST BY KBN 11/86 *** 1984 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 211.25623 AND OCCURRED AT (900.0, 300.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	114.34745C(112, 1)
350.0 /	100.81831C(148, 1)
340.0 /	82.16064C(166, 1)
330.0 /	100.52764C(217, 1)
320.0 /	118.31052C(168, 1)
310.0 /	168.41786C(99, 1)
300.0 /	136.23489C(167, 1)
290.0 /	113.76414C(93, 1)
280.0 /	121.39924C(160, 1)
270.0 /	110.17349C(147, 1)
260.0 /	120.16657C(33, 1)
250.0 /	98.88133C(72, 1)
240.0 /	99.84486C(146, 1)
230.0 /	106.70571 (262, 1)
220.0 /	135.76686C(361, 1)
210.0 /	109.38874C(2, 1)
200.0 /	83.74631 (326, 1)
190.0 /	144.24193 (326, 1)
180.0 /	115.41607 (15, 1)
170.0 /	114.45535 (13, 1)
160.0 /	90.94379 (21, 1)
150.0 /	126.97936 (151, 1)
140.0 /	110.02435 (254, 1)
130.0 /	108.33103C(287, 1)
120.0 /	91.44313C(131, 1)
110.0 /	90.66602C(230, 1)
100.0 /	92.32580C(244, 1)
90.0 /	98.65532 (135, 1)
80.0 /	81.50269C(232, 1)
70.0 /	99.68275C(355, 1)
60.0 /	105.78935C(30, 1)
50.0 /	139.98535 (125, 1)
40.0 /	100.43203C(6, 1)
30.0 /	111.60606C(6, 1)
20.0 /	132.19098C(10, 1)
10.0 /	73.76593C(112, 1)

*** ISCST BY KBN 11/86 *** 1984 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 164.81885 AND OCCURRED AT (1300.0, 310.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	70.26475C(131, 1)	96.15546C(187, 1)	81.46199C(170, 1)	80.76403C(50, 1)	82.52721C(50, 1)
350.0 /	64.66277C(99, 1)	107.31091C(170, 1)	110.09402C(170, 1)	105.58645C(170, 1)	103.53788C(148, 1)
340.0 /	63.81474C(167, 1)	82.48891C(142, 1)	86.19842C(166, 1)	82.40786C(192, 1)	74.06699C(192, 1)
330.0 /	70.77480C(217, 1)	111.72800C(211, 1)	121.95449C(211, 1)	118.60830C(211, 1)	109.30198C(217, 1)
320.0 /	72.92718C(131, 1)	113.68013C(168, 1)	129.34441C(168, 1)	128.39018C(168, 1)	124.45797C(168, 1)
310.0 /	86.14532C(99, 1)	148.65015C(99, 1)	164.81885C(167, 1)	155.26047C(206, 1)	150.17035C(206, 1)
300.0 /	81.23399C(111, 1)	124.90881C(93, 1)	145.48355C(93, 1)	147.25443C(93, 1)	141.03218C(93, 1)
290.0 /	88.27888C(167, 1)	142.45161C(133, 1)	140.18495C(133, 1)	126.80704C(133, 1)	115.79656C(133, 1)
280.0 /	87.99454C(158, 1)	132.99036C(239, 1)	151.94827C(239, 1)	144.60555C(160, 1)	132.91766C(160, 1)
270.0 /	91.00428C(158, 1)	107.49623C(192, 1)	114.96513C(120, 1)	111.86546C(120, 1)	105.48321C(120, 1)
260.0 /	89.73720C(238, 1)	110.17548C(240, 1)	124.75286C(33, 1)	115.91092C(238, 1)	107.78291C(120, 1)
250.0 /	76.22032C(192, 1)	101.29459C(238, 1)	92.85072C(240, 1)	88.34275C(164, 1)	89.07778C(164, 1)
240.0 /	70.59452C(157, 1)	104.21545C(137, 1)	109.01395C(137, 1)	95.74876C(137, 1)	93.03229C(264, 1)
230.0 /	67.69469C(167, 1)	96.39710C(146, 1)	99.14810 (262, 1)	99.83507C(146, 1)	94.80508C(146, 1)
220.0 /	73.37549C(276, 1)	127.30721C(2, 1)	130.40050C(2, 1)	120.88780C(2, 1)	118.94994C(276, 1)
210.0 /	70.39921C(178, 1)	112.96177C(2, 1)	104.73756C(132, 1)	99.25002C(276, 1)	92.95121C(276, 1)
200.0 /	74.98022C(132, 1)	86.91178C(132, 1)	82.74216 (326, 1)	85.51885 (326, 1)	85.23102 (326, 1)
190.0 /	68.15516C(178, 1)	72.13861C(241, 1)	98.97607 (327, 1)	116.05071 (327, 1)	123.84350 (327, 1)
180.0 /	59.43676C(219, 1)	88.84421C(152, 1)	99.82687C(152, 1)	98.28481C(152, 1)	92.83405C(152, 1)
170.0 /	69.33744C(219, 1)	93.11146C(152, 1)	109.72527C(152, 1)	102.81731C(130, 1)	104.30710C(152, 1)
160.0 /	72.46782C(219, 1)	89.08253C(288, 1)	83.52157C(288, 1)	78.61147 (21, 1)	83.86852 (151, 1)
150.0 /	89.78305C(220, 1)	127.72689C(288, 1)	132.53186C(318, 1)	126.39012C(318, 1)	116.80805C(318, 1)
140.0 /	71.17403C(220, 1)	100.89384C(318, 1)	99.60719C(288, 1)	102.25506 (254, 1)	103.55612C(338, 1)
130.0 /	68.93566C(155, 1)	105.73207C(287, 1)	120.07752C(155, 1)	107.43993C(155, 1)	93.99838 (37, 1)
120.0 /	94.10621C(259, 1)	115.29911C(224, 1)	115.24017C(224, 1)	103.11652C(224, 1)	93.22669C(115, 1)
110.0 /	90.76087C(131, 1)	120.13081C(259, 1)	108.48892C(115, 1)	102.49899C(115, 1)	92.91854C(115, 1)
100.0 /	80.13661C(131, 1)	125.95589C(244, 1)	111.93963C(223, 1)	93.94096C(224, 1)	88.32858 (96, 1)
90.0 /	71.60659C(131, 1)	136.63202 (135, 1)	124.14126C(223, 1)	107.80595C(223, 1)	94.71210C(223, 1)
80.0 /	67.63408C(291, 1)	91.77309C(291, 1)	93.92344C(76, 1)	84.56113C(76, 1)	74.33870C(76, 1)
70.0 /	63.57309C(99, 1)	100.35734C(232, 1)	107.43977C(109, 1)	107.03532C(355, 1)	105.31298C(355, 1)
60.0 /	65.59702C(131, 1)	97.29119C(354, 1)	113.97220C(354, 1)	111.92323C(354, 1)	106.88741C(30, 1)
50.0 /	66.19532C(243, 1)	104.58247C(140, 1)	110.86709C(140, 1)	119.21124 (125, 1)	113.54980C(225, 1)
40.0 /	64.75825C(131, 1)	104.15025C(140, 1)	98.85642C(6, 1)	97.29237C(111, 1)	91.03874C(121, 1)
30.0 /	65.37811C(131, 1)	85.54949C(180, 1)	90.56310C(210, 1)	87.34014 (129, 1)	81.46404 (129, 1)
20.0 /	69.19266C(134, 1)	78.87471C(134, 1)	96.78284C(34, 1)	112.89370C(10, 1)	108.02797C(247, 1)
10.0 /	68.36143C(131, 1)	83.20359C(187, 1)	78.15797 (141, 1)	76.55228 (141, 1)	73.32561 (141, 1)

*** ISCST BY KBN 11/86 *** 1984 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 164.81885 AND OCCURRED AT (1300.0, 310.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	82.56895C(50, 1)
350.0 /	90.93880C(118, 1)
340.0 /	66.72848C(170, 1)
330.0 /	99.35877C(211, 1)
320.0 /	117.17958C(169, 1)
310.0 /	141.35937C(206, 1)
300.0 /	131.21858C(93, 1)
290.0 /	104.63065C(133, 1)
280.0 /	120.58804C(239, 1)
270.0 /	98.92072C(120, 1)
260.0 /	107.21173C(120, 1)
250.0 /	87.78912C(120, 1)
240.0 /	90.38589C(264, 1)
230.0 /	95.20793 (300, 1)
220.0 /	118.89965 (262, 1)
210.0 /	87.23712 (261, 1)
200.0 /	79.19429C(4, 1)
190.0 /	126.91134 (327, 1)
180.0 /	86.17298C(152, 1)
170.0 /	103.29030 (20, 1)
160.0 /	80.94603 (14, 1)
150.0 /	106.21371C(318, 1)
140.0 /	99.99425C(338, 1)
130.0 /	93.87741 (37, 1)
120.0 /	86.02610C(259, 1)
110.0 /	83.37394C(115, 1)
100.0 /	90.99926 (60, 1)
90.0 /	87.75111C(224, 1)
80.0 /	64.47691C(76, 1)
70.0 /	97.63341C(225, 1)
60.0 /	99.06625C(225, 1)
50.0 /	97.20495C(225, 1)
40.0 /	87.47107C(121, 1)
30.0 /	75.70493C(180, 1)
20.0 /	97.67699C(34, 1)
10.0 /	71.19390C(166, 1)

ISCSTK6 MODEL, A VERSION OF
ISCST (VERSION 86170)
AN AIR QUALITY DISPERSION MODEL IN
SECTION 1. GUIDELINE MODELS.
IN UNAMAP (VERSION 6) JULY 1986.
SOURCE: FILE 6 ON UNAMAP MAGNETIC TAPE FROM NTIS.

CONVERTED BY :
KBN ENGINEERING AND APPLIED SCIENCES, INC.
GAINESVILLE, FLORIDA
(904)375-8000

CARD INPUT FILE IS	gpscr.i85
SUMMARY OUTPUT FILE IS	gpscr.o85
METEOROLOGICAL FILE IS	jaxpre85.bin
TITLE OF RUN IS	1985 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87

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) = 2
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) = 0
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 = 12
NUMBER OF SOURCE GROUPS (=0,ALL SOURCES)	NGROUP = 3
TIME PERIOD INTERVAL TO BE PRINTED (=0,ALL INTERVALS)	IPERD = 0
NUMBER OF X (RANGE) GRID VALUES	NXPNTS = 6
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 = 6.10 METERS
LOGICAL UNIT NUMBER OF METEOROLOGICAL DATA	IMET = 9
DECAY COEFFICIENT FOR PHYSICAL OR CHEMICAL DEPLETION	DECAY =0.000000E+00
SURFACE STATION NO.	ISS = 13889
YEAR OF SURFACE DATA	ISY = 85
UPPER AIR STATION NO.	IUS = 13861
YEAR OF UPPER AIR DATA	IUY = 85
ALLOCATED DATA STORAGE	LIMIT = 20000 WORDS
REQUIRED DATA STORAGE FOR THIS PROBLEM RUN	MIMIT = 10182 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
```

*** NUMBER OF SOURCE NUMBERS REQUIRED TO DEFINE SOURCE GROUPS ***
(NSOGRP)

1, 4, 3,

*** SOURCE NUMBERS DEFINING SOURCE GROUPS ***
(IDSOR)

103, 103, -1000, 9991, 9992, 103, 800, -9994,

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

1.50, 3.10, 5.10, 8.20, 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

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

500.0, 900.0, 1300.0, 1700.0, 2100.0, 2500.0,

*** 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,

*** SOURCE DATA ***

SOURCE NUMBER	TYPE	WAKE	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)
103	0	0	0	0.98800E+02	0.0	0.0	0.0	65.00	561.00	13.50	0.98	0.00	0.00	0.00
400	0	0	0	-.15100E+02	-15.0	30.0	0.0	76.20	367.00	8.80	3.66	0.00	0.00	0.00
500	0	0	0	-.86000E+01	-43.0	7.0	0.0	40.50	372.00	7.28	3.41	0.00	0.00	0.00
800	0	0	0	0.37700E+02	-165.0	14.0	0.0	76.20	474.00	13.93	4.02	0.00	0.00	0.00
1000	0	0	0	0.88800E+02	-88.0	64.0	0.0	76.20	450.00	15.39	3.66	0.00	0.00	0.00
1100	0	0	0	0.40500E+02	-192.0	58.0	0.0	70.10	489.00	22.20	3.66	0.00	0.00	0.00
1200	0	0	0	0.45200E+02	-78.0	110.0	0.0	37.00	474.00	14.54	1.22	0.00	0.00	0.00
1300	0	0	0	0.34740E+03	-87.0	88.0	0.0	70.70	501.00	17.15	2.74	0.00	0.00	0.00
9990	0	0	0	0.20110E+03	9100.0	-5700.0	0.0	22.30	458.00	31.70	3.14	0.00	0.00	0.00
9991	0	0	0	0.20110E+03	9100.0	-5700.0	0.0	22.30	458.00	31.70	3.14	0.00	0.00	0.00
9992	0	0	0	0.16360E+04	4600.0	5800.0	0.0	205.00	326.00	8.40	15.52	0.00	0.00	0.00
9994	0	0	0	0.37080E+03	8650.0	-5700.0	0.0	45.70	408.00	11.90	3.96	0.00	0.00	0.00

* CALM HOURS (=1) FOR DAY	1 *	0	0	1	0	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	2 *	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	5 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1
CALM HOURS (=1) FOR DAY	6 *	1	1	1	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
* CALM HOURS (=1) FOR DAY	7 *	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	8 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1
CALM HOURS (=1) FOR DAY	9 *	1	1	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	10 *	0	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1
* CALM HOURS (=1) FOR DAY	11 *	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
CALM HOURS (=1) FOR DAY	13 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
* CALM HOURS (=1) FOR DAY	14 *	1	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	15 *	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	16 *	1	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
CALM HOURS (=1) FOR DAY	19 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
* CALM HOURS (=1) FOR DAY	20 *	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	23 *	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	24 *	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
* 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	1	1	1	1	1
* CALM HOURS (=1) FOR DAY	27 *	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	0
CALM HOURS (=1) FOR DAY	28 *	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	29 *	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	1	1	1
* CALM HOURS (=1) FOR DAY	30 *	1	1	1	1	1	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CALM HOURS (=1) FOR DAY	31 *	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	36 *	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	38 *	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	39 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
CALM HOURS (=1) FOR DAY	40 *	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
* CALM HOURS (=1) FOR DAY	41 *	1	1	1	1	1	1	0	1	1	0	0	0	1	0	0	0	0	0	0	0	1	1	1	1	1
* CALM HOURS (=1) FOR DAY	42 *	1	1	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	45 *	0	0	0	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
CALM HOURS (=1) FOR DAY	46 *	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
* CALM HOURS (=1) FOR DAY	47 *	1	1	1	1	1	0	1	1	0	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1
CALM HOURS (=1) FOR DAY	48 *	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	1	1	1	1	1	1

* CALM HOURS (=1) FOR DAY 49 * 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0
* CALM HOURS (=1) FOR DAY 50 * 1 0 1 1 1 1 1 1 1 1 1 0 0 0 1 0 0 0 0 0 0 1 1 0
* CALM HOURS (=1) FOR DAY 51 * 0 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 52 * 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 53 * 0 1 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 54 * 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
* CALM HOURS (=1) FOR DAY 56 * 0 0 0 0 0 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 57 * 0 0 0 1 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 58 * 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 59 * 1 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 60 * 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 61 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 62 * 1 1 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 63 * 0 0 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 64 * 0 0 0 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 1 0 1 0 0 0 0
* CALM HOURS (=1) FOR DAY 65 * 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 67 * 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 1 1
* CALM HOURS (=1) FOR DAY 68 * 1 1 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 0
* CALM HOURS (=1) FOR DAY 69 * 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 70 * 1 1 1 1 1 1 1 1 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0
* CALM HOURS (=1) FOR DAY 71 * 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 72 * 1 1 1 1 1 1 1 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1
* CALM HOURS (=1) FOR DAY 73 * 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 77 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1
* CALM HOURS (=1) FOR DAY 78 * 1 1 1 1 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 79 * 1 1 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 80 * 1 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 81 * 0 0 0 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1
* CALM HOURS (=1) FOR DAY 82 * 1 0 0 0 1 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 83 * 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 84 * 0 0 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 85 * 1 0 1 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 86 * 1 0 1 1 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 87 * 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 88 * 0 1 1 1 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 89 * 1 1 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 90 * 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 92 * 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 93 * 1 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 94 * 0 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 95 * 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 96 * 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 1 1 0 1 1 1 1 1
* CALM HOURS (=1) FOR DAY 97 * 0 0 1 1 0 1 1 0 1 0 0 0 0 0 0 0 0 0 0 1 1 1 1 0
* CALM HOURS (=1) FOR DAY 98 * 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 99 * 0 0 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 1
* CALM HOURS (=1) FOR DAY 100 * 1 1 1 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 101 * 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1
* CALM HOURS (=1) FOR DAY 102 * 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
* CALM HOURS (=1) FOR DAY 104 * 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 105 * 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 106 * 0 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 107 * 1 0 0 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1
* CALM HOURS (=1) FOR DAY 108 * 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1
* CALM HOURS (=1) FOR DAY 109 * 1 1 1 1 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 110 * 0 1 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 111 * 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1
* CALM HOURS (=1) FOR DAY 112 * 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 0
* CALM HOURS (=1) FOR DAY 113 * 1 1 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 114 * 1 1 1 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1
* CALM HOURS (=1) FOR DAY 115 * 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 1 1

* CALM HOURS (=1) FOR DAY 116 *	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0
* CALM HOURS (=1) FOR DAY 117 *	0	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0
* CALM HOURS (=1) FOR DAY 118 *	1	1	1	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 121 *	0	1	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
* CALM HOURS (=1) FOR DAY 122 *	1	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 123 *	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 125 *	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	
* CALM HOURS (=1) FOR DAY 126 *	1	1	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
* CALM HOURS (=1) FOR DAY 128 *	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 129 *	0	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
* CALM HOURS (=1) FOR DAY 130 *	1	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 131 *	1	1	0	1	1	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	
* CALM HOURS (=1) FOR DAY 132 *	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1
* CALM HOURS (=1) FOR DAY 133 *	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
* CALM HOURS (=1) FOR DAY 134 *	0	1	1	1	1	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	
* CALM HOURS (=1) FOR DAY 135 *	1	1	1	0	1	0	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
* CALM HOURS (=1) FOR DAY 136 *	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	
* CALM HOURS (=1) FOR DAY 138 *	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 139 *	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	1	1	0	0	1	1	0	1	1	
* CALM HOURS (=1) FOR DAY 140 *	0	1	1	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 141 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 142 *	1	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 143 *	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 145 *	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	1		
* CALM HOURS (=1) FOR DAY 146 *	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	
* CALM HOURS (=1) FOR DAY 147 *	1	1	1	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 148 *	1	1	1	1	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 149 *	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 150 *	1	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 151 *	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 153 *	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	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	1	0	0	0	1	0	
* CALM HOURS (=1) FOR DAY 155 *	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 159 *	0	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 160 *	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 161 *	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 162 *	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 163 *	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 164 *	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 165 *	1	1	1	1	0	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	
* CALM HOURS (=1) FOR DAY 166 *	1	0	0	1	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 168 *	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 170 *	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 171 *	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	0	1	
* CALM HOURS (=1) FOR DAY 172 *	1	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	
* CALM HOURS (=1) FOR DAY 173 *	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	
* CALM HOURS (=1) FOR DAY 174 *	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
* CALM HOURS (=1) FOR DAY 175 *	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1		
* CALM HOURS (=1) FOR DAY 176 *	1	1	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 177 *	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0		
* CALM HOURS (=1) FOR DAY 178 *	0	1	1	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 179 *	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1		
* CALM HOURS (=1) FOR DAY 180 *	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	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	0	1	0	0	0	
* CALM HOURS (=1) FOR DAY 184 *	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 185 *	0	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 186 *	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	
* CALM HOURS (=1) FOR DAY 187 *	0	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 188 *	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	
* CALM HOURS (=1) FOR DAY 189 *	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	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	1	0	0	0	1	0	0
* CALM HOURS (=1) FOR DAY 191 *	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 192 *	0	0	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 193 *	1	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 194 *	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	0	0	1	1	0	1	1	1
* CALM HOURS (=1) FOR DAY 195 *	1	1	1	1	1	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1
* CALM HOURS (=1) FOR DAY 196 *	1	1	1	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	1	0	1
* CALM HOURS (=1) FOR DAY 197 *	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 198 *	0	0	1	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1
* CALM HOURS (=1) FOR DAY 199 *	1	1	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 200 *	1	1	1	1	1	1	1	1	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	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 202 *	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 203 *	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 204 *	1	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 205 *	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 206 *	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 207 *	1	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1
* CALM HOURS (=1) FOR DAY 208 *	0	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
* CALM HOURS (=1) FOR DAY 209 *	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 210 *	0	0	1	1	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY 211 *	1	1	1	1	1	1	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	1	1
* CALM HOURS (=1) FOR DAY 212 *	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1
* CALM HOURS (=1) FOR DAY 213 *	0	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 214 *	0	0	0	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 216 *	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 217 *	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 218 *	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
* CALM HOURS (=1) FOR DAY 219 *	0	0	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
* CALM HOURS (=1) FOR DAY 220 *	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 221 *	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 222 *	0	1	1	1	1	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	1
* CALM HOURS (=1) FOR DAY 223 *	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
* CALM HOURS (=1) FOR DAY 224 *	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
* CALM HOURS (=1) FOR DAY 225 *	1	1	1	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 226 *	1	1	1	1	1	1	1	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1
* CALM HOURS (=1) FOR DAY 227 *	1	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 228 *	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
* CALM HOURS (=1) FOR DAY 229 *	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 230 *	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 231 *	0	0	0	1	1	0	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0	1	1
* CALM HOURS (=1) FOR DAY 232 *	0	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 233 *	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 234 *	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0
* CALM HOURS (=1) FOR DAY 235 *	1	1	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
* CALM HOURS (=1) FOR DAY 236 *	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1
* CALM HOURS (=1) FOR DAY 237 *	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0
* CALM HOURS (=1) FOR DAY 238 *	1	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 239 *	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 240 *	0	0	1	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 241 *	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 242 *	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 245 *	0	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 246 *	1	1	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 247 *	1	0	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1
* CALM HOURS (=1) FOR DAY 248 *	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1
* CALM HOURS (=1) FOR DAY 249 *	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	0	0	0	0	0	1	1	1
* CALM HOURS (=1) FOR DAY 250 *	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
* CALM HOURS (=1) FOR DAY 251 *	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1
* CALM HOURS (=1) FOR DAY 252 *	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0

```
* CALM HOURS (=1) FOR DAY 329 *  0  1  1  1  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  1  1  1  1
* CALM HOURS (=1) FOR DAY 330 *  1  1  1  1  1  1  1  1  1  0  0  0  0  0  0  0  0  0  0  1  0  0  0  0
  CALM HOURS (=1) FOR DAY 331 *  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 332 *  0  0  1  1  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 333 *  1  0  1  1  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 334 *  0  0  0  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  1  0  0  1
  CALM HOURS (=1) FOR DAY 335 *  1  0  1  1  1  0  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 339 *  0  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 341 *  1  1  0  1  0  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  1  0  1  1
  CALM HOURS (=1) FOR DAY 342 *  0  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  1  1  1
* CALM HOURS (=1) FOR DAY 343 *  1  1  1  1  1  1  1  1  1  0  0  0  0  0  0  0  0  0  1  1  1  1  1  1
* CALM HOURS (=1) FOR DAY 344 *  1  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 345 *  1  1  1  1  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 347 *  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 349 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  1  1  0  0
  CALM HOURS (=1) FOR DAY 350 *  0  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  1  1  1
  CALM HOURS (=1) FOR DAY 351 *  1  1  1  1  1  1  1  1  0  0  0  0  1  0  0  0  0  1  1  1  1  1  1  1
* CALM HOURS (=1) FOR DAY 352 *  0  0  1  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 353 *  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  1  1  1
  CALM HOURS (=1) FOR DAY 354 *  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 355 *  0  0  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 356 *  1  0  0  0  0  1  1  1  1  0  0  0  0  0  0  0  0  0  1  1  1  0  1  1
  CALM HOURS (=1) FOR DAY 357 *  0  0  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 361 *  0  0  0  1  1  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 362 *  0  0  1  1  1  1  1  0  1  1  0  0  0  0  0  0  0  0  0  0  0  1  1  1
  CALM HOURS (=1) FOR DAY 363 *  1  1  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 364 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0  1  1  1  1  1
* CALM HOURS (=1) FOR DAY 365 *  1  1  1  1  1  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  1  0  0  0
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*** ISCST BY KBN 11/86 *** 1985 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

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

* FROM SOURCES: 103, -1000, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 6.90457 AND OCCURRED AT (1700.0, 260.0) *

DIRECTION /	RANGE (METERS)					
(DEGREES) /	500.0	900.0	1300.0	1700.0	2100.0	2500.0
360.0 /	4.25433	5.90713	6.05951	5.88598	5.71710	5.63772
350.0 /	4.14067	5.67837	5.76570	5.58887	5.46031	5.43966
340.0 /	3.74655	4.90022	5.10626	5.06967	5.04170	5.06606
330.0 /	3.65738	4.71093	4.93761	4.92336	4.91909	4.94319
320.0 /	3.86298	5.40440	5.76752	5.74774	5.69019	5.63845
310.0 /	4.19899	6.26234	6.66324	6.60677	6.47668	6.33413
300.0 /	4.21936	6.37256	6.71233	6.59224	6.39637	6.19623
290.0 /	3.86502	5.88467	6.29927	6.25058	6.09800	5.91612
280.0 /	3.48367	5.30000	5.68745	5.62401	5.46582	5.28441
270.0 /	3.52225	5.57677	6.10692	6.11893	5.98481	5.77838
260.0 /	3.79590	6.19535	6.86860	6.90457	6.72402	6.43621
250.0 /	3.78861	5.93452	6.57576	6.59576	6.38466	6.10107
240.0 /	3.70332	5.74880	6.50656	6.60125	6.44448	6.20427
230.0 /	3.46413	5.28395	6.22983	6.47833	6.43939	6.26542
220.0 /	3.27104	5.06133	5.95535	6.17135	6.13889	5.98411
210.0 /	3.15205	4.57180	5.09847	5.13243	5.02799	4.86616
200.0 /	3.23813	4.45211	4.74363	4.67151	4.51173	4.32082
190.0 /	3.39246	4.63132	4.93272	4.88427	4.73324	4.53986
180.0 /	3.40554	4.57499	4.89891	4.86408	4.71443	4.52811
170.0 /	3.30870	4.38906	4.66649	4.62108	4.46328	4.28946
160.0 /	3.27238	4.32578	4.49673	4.42572	4.26469	4.09905
150.0 /	3.33632	4.48572	4.64503	4.57472	4.46915	4.33539
140.0 /	3.50528	5.03261	5.35014	5.28677	5.15775	5.02778
130.0 /	3.77765	5.65133	5.94926	5.79001	5.56900	5.35624
120.0 /	4.01482	6.28617	6.68473	6.53620	6.31232	6.08608
110.0 /	3.99952	6.19469	6.46654	6.25181	6.01611	5.80058
100.0 /	3.99775	6.12282	6.49014	6.38413	6.23122	6.07009
90.0 /	4.36574	6.52505	6.67578	6.39193	6.11803	5.91091
80.0 /	4.77188	6.58475	6.52682	6.18060	5.88881	5.71027
70.0 /	4.91844	6.49611	6.47056	6.17289	5.88912	5.70471
60.0 /	4.78397	6.32342	6.33450	6.06424	5.76790	5.51194
50.0 /	4.52901	6.34609	6.54233	6.36519	6.14093	5.89888
40.0 /	4.18831	5.86479	6.04514	5.84849	5.63106	5.41585
30.0 /	3.89989	5.39643	5.56820	5.39795	5.21960	5.06285
20.0 /	3.83646	5.26653	5.36834	5.19797	5.06105	4.98086
10.0 /	4.03463	5.49501	5.60763	5.47612	5.36499	5.30895

*** ISCST BY KBN 11/86 *** 1985 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, -1000, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 84.65933 AND OCCURRED AT (900.0, 200.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	52.65895 (157, 1)	54.32371C(86, 1)	51.74362C(219, 1)	52.47107C(219, 1)	47.00447C(219, 1)
350.0 /	47.32087 (157, 1)	49.18153C(208, 1)	43.98278C(207, 1)	41.82487C(207, 1)	38.53069C(207, 1)
340.0 /	47.71813C(113, 1)	45.07924C(208, 1)	48.62426C(345, 1)	44.34735C(345, 1)	39.83631C(345, 1)
330.0 /	61.17891C(228, 1)	53.38738C(238, 1)	45.07714C(238, 1)	36.91859C(238, 1)	33.12574C(126, 1)
320.0 /	69.44618C(228, 1)	58.56619C(228, 1)	48.04561C(126, 1)	47.12108C(126, 1)	47.07674C(126, 1)
310.0 /	50.32407C(228, 1)	58.15529C(195, 1)	60.24438C(195, 1)	53.02063C(195, 1)	45.64226C(195, 1)
300.0 /	49.24677C(116, 1)	81.18986C(227, 1)	77.63830C(227, 1)	69.34085C(227, 1)	62.11734C(227, 1)
290.0 /	51.09170C(116, 1)	44.64572C(218, 1)	44.83741C(218, 1)	40.39101C(218, 1)	36.45179C(112, 1)
280.0 /	30.31247C(116, 1)	50.79461C(313, 1)	53.26210C(313, 1)	48.64565C(313, 1)	45.95282C(112, 1)
270.0 /	37.79953C(132, 1)	63.17984C(223, 1)	68.71088C(223, 1)	66.18800C(223, 1)	61.20037C(223, 1)
260.0 /	41.25334C(132, 1)	71.66996C(223, 1)	69.31557C(223, 1)	62.98061C(223, 1)	56.16578C(223, 1)
250.0 /	37.00914C(235, 1)	55.46147C(223, 1)	52.13697C(223, 1)	47.33526C(223, 1)	45.85215C(200, 1)
240.0 /	46.60123C(133, 1)	51.96890C(199, 1)	55.41946C(200, 1)	57.76496C(200, 1)	57.25331C(200, 1)
230.0 /	61.14397C(133, 1)	63.54809C(132, 1)	58.55165C(132, 1)	51.12564 (66, 1)	56.18245 (66, 1)
220.0 /	54.60051C(133, 1)	73.16855C(109, 1)	78.31973C(109, 1)	76.40833C(109, 1)	72.05367C(109, 1)
210.0 /	69.80937C(131, 1)	56.35588C(108, 1)	57.53159C(109, 1)	56.34755C(109, 1)	53.38919C(109, 1)
200.0 /	64.10368C(131, 1)	84.65933C(145, 1)	74.95139C(145, 1)	62.33364C(145, 1)	52.09484C(145, 1)
190.0 /	35.82425C(131, 1)	73.25232C(145, 1)	70.44968C(145, 1)	61.39429C(145, 1)	53.80430C(145, 1)
180.0 /	43.21549C(190, 1)	46.18554C(171, 1)	54.79900C(171, 1)	50.12539C(171, 1)	50.42586C(342, 1)
170.0 /	47.39386C(190, 1)	46.02626C(171, 1)	45.57960C(171, 1)	37.57530C(46, 1)	34.79346C(139, 1)
160.0 /	35.56684C(190, 1)	37.73258C(289, 1)	34.98513C(46, 1)	35.23373C(26, 1)	35.17472C(26, 1)
150.0 /	34.27085C(147, 1)	40.30467C(131, 1)	37.64511C(131, 1)	36.26493C(131, 1)	33.84315C(131, 1)
140.0 /	34.25476C(131, 1)	50.19782C(131, 1)	45.98259C(356, 1)	41.91793C(356, 1)	36.12156C(131, 1)
130.0 /	41.27938C(198, 1)	60.43657C(198, 1)	57.49949C(198, 1)	51.57072C(198, 1)	44.99731C(198, 1)
120.0 /	38.61111C(153, 1)	59.54837C(189, 1)	62.11581C(189, 1)	55.44172C(189, 1)	48.25179C(145, 1)
110.0 /	29.12160C(109, 1)	51.41580C(191, 1)	53.27063C(189, 1)	48.20109C(189, 1)	44.53072C(145, 1)
100.0 /	31.50739C(212, 1)	50.17763C(153, 1)	47.59061C(153, 1)	41.80508 (43, 1)	45.21017C(145, 1)
90.0 /	37.35404C(252, 1)	52.92929C(197, 1)	45.54756C(197, 1)	40.68382 (152, 1)	43.58078C(145, 1)
80.0 /	54.69663C(230, 1)	74.53759C(149, 1)	58.51668C(149, 1)	46.83602C(149, 1)	38.73584C(145, 1)
70.0 /	67.48604C(115, 1)	75.50938C(149, 1)	60.12423C(149, 1)	47.80876C(149, 1)	38.50954C(149, 1)
60.0 /	43.02319 (182, 1)	55.71761C(148, 1)	47.77552C(148, 1)	40.24141C(180, 1)	34.00951C(180, 1)
50.0 /	49.72312C(231, 1)	57.28575C(185, 1)	60.06792C(185, 1)	54.48592C(185, 1)	48.03593C(185, 1)
40.0 /	43.50045C(234, 1)	40.84413C(188, 1)	48.30029C(188, 1)	43.62595C(188, 1)	36.64672C(105, 1)
30.0 /	40.05930C(234, 1)	44.66241C(191, 1)	39.32893C(220, 1)	35.39396C(220, 1)	36.12701 (358, 1)
20.0 /	32.03980C(192, 1)	37.52081C(87, 1)	42.40347C(87, 1)	39.07467C(87, 1)	34.69688C(87, 1)
10.0 /	43.67982C(148, 1)	41.09655C(330, 1)	41.70289C(95, 1)	42.66034C(95, 1)	41.46239C(95, 1)

*** ISCST BY KBN 11/86 *** 1985 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, -1000, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 84.65933 AND OCCURRED AT (900.0, 200.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	39.84664C(332, 1)
350.0 /	36.59187 (304, 1)
340.0 /	37.04211C(222, 1)
330.0 /	32.36199C(126, 1)
320.0 /	46.21387C(126, 1)
310.0 /	46.07150C(219, 1)
300.0 /	55.97771C(227, 1)
290.0 /	36.19243C(112, 1)
280.0 /	45.83922C(112, 1)
270.0 /	55.42515C(223, 1)
260.0 /	49.32874C(223, 1)
250.0 /	44.85727C(200, 1)
240.0 /	55.23683C(200, 1)
230.0 /	57.56681 (66, 1)
220.0 /	66.78664C(109, 1)
210.0 /	49.79537C(109, 1)
200.0 /	44.07495C(145, 1)
190.0 /	48.16560C(145, 1)
180.0 /	50.24575C(342, 1)
170.0 /	31.27575C(139, 1)
160.0 /	34.37653C(145, 1)
150.0 /	34.10297C(145, 1)
140.0 /	41.53175C(145, 1)
130.0 /	45.88673C(145, 1)
120.0 /	58.46792C(145, 1)
110.0 /	54.21571C(145, 1)
100.0 /	56.29180C(145, 1)
90.0 /	56.45462C(145, 1)
80.0 /	52.90200C(145, 1)
70.0 /	43.76225C(145, 1)
60.0 /	30.98847C(131, 1)
50.0 /	42.29649C(185, 1)
40.0 /	36.34891C(105, 1)
30.0 /	36.94338 (358, 1)
20.0 /	34.04377C(132, 1)
10.0 /	39.21726C(95, 1)

*** ISCST BY KBN 11/86 *** 1985 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, -1000, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 67.47199 AND OCCURRED AT (900.0, 300.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	47.76895C(148, 1)	46.11876 (157, 1)	50.99286C(86, 1)	42.86369C(86, 1)	39.66778C(332, 1)
350.0 /	41.70799C(209, 1)	45.99434 (157, 1)	39.96646C(208, 1)	35.05567C(219, 1)	36.88109 (304, 1)
340.0 /	38.43853C(210, 1)	44.32076C(345, 1)	38.49139C(208, 1)	33.25781C(208, 1)	35.11532 (304, 1)
330.0 /	42.10193C(113, 1)	45.95912C(113, 1)	37.01915C(113, 1)	33.90966C(126, 1)	30.45403C(238, 1)
320.0 /	40.49413C(208, 1)	49.50023C(287, 1)	47.80957C(217, 1)	46.67187C(177, 1)	45.59541C(177, 1)
310.0 /	36.80344C(204, 1)	57.12374C(228, 1)	49.12373C(227, 1)	43.08071C(219, 1)	44.85785C(219, 1)
300.0 /	45.14622C(227, 1)	67.47199C(195, 1)	62.91912C(195, 1)	52.30947C(195, 1)	43.90523C(195, 1)
290.0 /	31.00981C(112, 1)	42.25353C(266, 1)	37.89431C(275, 1)	36.01452C(112, 1)	35.32692C(218, 1)
280.0 /	27.76818C(132, 1)	40.00306C(112, 1)	43.80301C(112, 1)	45.40966C(266, 1)	44.72458C(266, 1)
270.0 /	28.91060C(223, 1)	46.22996C(100, 1)	43.41051C(100, 1)	35.59830C(268, 1)	35.11092C(268, 1)
260.0 /	40.28872C(223, 1)	47.73168C(125, 1)	50.69763C(225, 1)	47.67904C(225, 1)	45.99331C(224, 1)
250.0 /	36.38334C(109, 1)	53.46507C(199, 1)	50.70123C(199, 1)	46.01305C(200, 1)	43.12526C(223, 1)
240.0 /	37.27340C(109, 1)	48.44930C(200, 1)	48.37939C(222, 1)	44.71162C(222, 1)	39.27903C(223, 1)
230.0 /	43.80780C(132, 1)	48.03630C(109, 1)	46.38785C(200, 1)	50.75993C(132, 1)	50.19925 (124, 1)
220.0 /	47.47511C(131, 1)	62.36871C(364, 1)	55.11488C(364, 1)	50.99508 (124, 1)	56.43640 (124, 1)
210.0 /	36.98983C(109, 1)	53.84734C(109, 1)	51.97578C(108, 1)	45.55228C(108, 1)	40.18216C(108, 1)
200.0 /	42.54533C(145, 1)	53.86715C(108, 1)	52.69082C(108, 1)	49.98712C(146, 1)	44.49318C(146, 1)
190.0 /	33.79293C(145, 1)	60.83980C(146, 1)	60.19223C(146, 1)	53.52339C(146, 1)	45.95299C(146, 1)
180.0 /	36.67072C(155, 1)	44.28253C(146, 1)	42.70396C(146, 1)	48.80367C(342, 1)	43.12880C(171, 1)
170.0 /	30.93851C(155, 1)	41.77822C(46, 1)	43.53222C(46, 1)	36.94846C(171, 1)	31.75970C(46, 1)
160.0 /	29.73309C(109, 1)	37.71605C(171, 1)	32.57345C(349, 1)	31.84919C(46, 1)	31.33332C(145, 1)
150.0 /	30.63969C(131, 1)	33.23935C(147, 1)	32.82336C(349, 1)	28.95766C(29, 1)	28.47270C(29, 1)
140.0 /	33.10954C(174, 1)	39.95173C(356, 1)	44.81900C(131, 1)	39.87496C(131, 1)	36.11214C(356, 1)
130.0 /	37.56530C(136, 1)	54.29964C(289, 1)	52.77319C(189, 1)	46.63503C(189, 1)	39.36968C(189, 1)
120.0 /	33.39209C(253, 1)	53.75853C(153, 1)	50.21676C(198, 1)	46.66861C(198, 1)	48.05397C(189, 1)
110.0 /	28.17691C(153, 1)	49.44016C(189, 1)	45.55170C(154, 1)	39.36053C(154, 1)	42.72799C(189, 1)
100.0 /	31.04435C(191, 1)	44.54090C(267, 1)	41.58055C(154, 1)	40.22812C(153, 1)	45.16940 (43, 1)
90.0 /	30.92220C(109, 1)	41.16934C(149, 1)	41.09840 (152, 1)	35.59140C(142, 1)	38.52019 (152, 1)
80.0 /	54.55637C(149, 1)	57.97584C(142, 1)	46.86987C(142, 1)	37.36323C(142, 1)	38.24104C(149, 1)
70.0 /	59.17672C(230, 1)	57.82115C(115, 1)	47.03174C(180, 1)	43.22654C(180, 1)	37.27507C(180, 1)
60.0 /	42.27991 (183, 1)	52.95278 (182, 1)	46.23050C(180, 1)	38.16171C(148, 1)	30.98060C(335, 1)
50.0 /	39.31087 (183, 1)	52.34620 (182, 1)	45.60369C(233, 1)	44.96910C(181, 1)	43.81145C(181, 1)
40.0 /	39.25571C(231, 1)	33.62550C(109, 1)	34.95788C(213, 1)	35.09832C(105, 1)	36.59602C(188, 1)
30.0 /	37.59401C(114, 1)	36.70531C(192, 1)	34.08498C(87, 1)	33.34693C(87, 1)	33.31469C(334, 1)
20.0 /	29.90255C(109, 1)	36.72963C(220, 1)	42.10343C(220, 1)	36.26889C(220, 1)	31.70469C(132, 1)
10.0 /	32.83376 (157, 1)	35.89565C(40, 1)	40.51866C(220, 1)	37.81393C(220, 1)	34.00735C(166, 1)

*** ISCST BY KBN 11/86 *** 1985 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, -1000, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 67.47199 AND OCCURRED AT (900.0, 300.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	39.56310C(219, 1)
350.0 /	34.73583C(207, 1)
340.0 /	36.22451 (304, 1)
330.0 /	28.53985C(222, 1)
320.0 /	43.95205C(177, 1)
310.0 /	44.69076C(222, 1)
300.0 /	43.78427C(245, 1)
290.0 /	32.77560C(78, 1)
280.0 /	42.70291C(266, 1)
270.0 /	33.29263C(268, 1)
260.0 /	44.65390C(224, 1)
250.0 /	39.23024C(223, 1)
240.0 /	37.69573C(223, 1)
230.0 /	51.53527 (124, 1)
220.0 /	57.90450 (124, 1)
210.0 /	38.15601C(9, 1)
200.0 /	38.67499C(146, 1)
190.0 /	39.00481C(146, 1)
180.0 /	36.72647C(171, 1)
170.0 /	28.16254C(279, 1)
160.0 /	34.04904C(26, 1)
150.0 /	28.29765C(131, 1)
140.0 /	32.53572C(131, 1)
130.0 /	39.12920C(198, 1)
120.0 /	41.47490C(189, 1)
110.0 /	37.87781C(189, 1)
100.0 /	45.59274 (43, 1)
90.0 /	35.87549 (152, 1)
80.0 /	33.78146 (308, 1)
70.0 /	34.10819C(57, 1)
60.0 /	28.83029C(145, 1)
50.0 /	41.65188C(181, 1)
40.0 /	33.95253C(109, 1)
30.0 /	32.20782C(132, 1)
20.0 /	30.56142C(87, 1)
10.0 /	34.46821C(166, 1)

*** ISCST BY KBN 11/86 *** 1985 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

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

* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 16.91091 AND OCCURRED AT (1700.0, 260.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0	2500.0
360.0 /	8.65551	13.18472	14.05848	13.95060	13.68815	13.42445
350.0 /	8.59804	12.99918	13.65129	13.39071	13.04556	12.74555
340.0 /	7.92986	11.29464	12.00373	11.86831	11.61074	11.35872
330.0 /	7.57474	10.68273	11.52911	11.47772	11.27777	11.03787
320.0 /	7.97469	12.33787	13.63977	13.70098	13.46977	13.12124
310.0 /	8.64323	14.31314	16.00570	16.13968	15.77789	15.21235
300.0 /	8.59821	14.40088	16.05162	16.10837	15.63934	14.96767
290.0 /	8.06458	13.02620	14.54628	14.77050	14.50302	13.99208
280.0 /	8.00377	12.46264	13.69590	13.71468	13.34981	12.82401
270.0 /	8.38638	13.68892	15.26397	15.39229	15.03801	14.45899
260.0 /	8.75356	14.40789	16.48248	16.91091	16.64456	15.98840
250.0 /	8.70445	14.26913	16.10889	16.40099	16.00067	15.29535
240.0 /	8.46081	14.05559	16.24885	16.68160	16.37198	15.79925
230.0 /	8.10414	12.89141	15.10101	15.75767	15.71614	15.37371
220.0 /	7.71065	11.78005	13.97794	14.67022	14.69146	14.39740
210.0 /	7.70393	10.58105	11.77789	11.94737	11.74017	11.39064
200.0 /	7.94788	10.77398	11.61381	11.53805	11.14425	10.66350
190.0 /	8.22905	10.91511	11.78437	11.85672	11.55938	11.13905
180.0 /	8.26817	11.06405	12.02741	12.21204	11.96334	11.57374
170.0 /	8.16419	10.55574	11.30392	11.53220	11.35018	11.01983
160.0 /	8.21770	10.53680	11.08835	11.28382	11.19049	10.90890
150.0 /	8.59840	11.23806	11.77142	11.90354	11.92739	11.81410
140.0 /	9.19170	12.59005	13.40312	13.50933	13.40353	13.26001
130.0 /	9.86898	13.87436	14.74640	14.75602	14.49595	14.14922
120.0 /	10.52586	15.40217	16.58167	16.67402	16.43419	16.07863
110.0 /	10.81651	15.67678	16.57161	16.46779	16.11828	15.69090
100.0 /	10.75256	15.35480	16.36506	16.45411	16.26275	15.96304
90.0 /	11.05143	16.02693	16.74391	16.54265	16.14813	15.74680
80.0 /	11.51361	15.95604	16.27104	15.93762	15.51017	15.10325
70.0 /	11.58539	15.78239	16.08540	15.80312	15.39715	14.94456
60.0 /	11.33127	15.55148	15.85065	15.53964	15.06172	14.45083
50.0 /	10.73888	15.21340	15.89462	15.84690	15.58289	15.06937
40.0 /	9.93965	14.44866	15.11784	14.92697	14.57494	14.03373
30.0 /	9.13824	12.98969	13.43136	13.25660	13.02045	12.65197
20.0 /	8.50027	12.20647	12.69016	12.56543	12.40954	12.19004
10.0 /	8.42664	12.39000	13.11306	13.11076	12.99325	12.82060

*** ISCST BY KBN 11/86 *** 1985 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 197.36218 AND OCCURRED AT (1300.0, 300.0) *

DIRECTION /	RANGE (METERS)				
(DEGREES) /	500.0	900.0	1300.0	1700.0	2100.0
360.0 /	85.96204 (157, 1)	113.15481 (157, 1)	118.70945C(219, 1)	126.53533C(219, 1)	117.85963C(219, 1)
350.0 /	98.18771 (157, 1)	137.27536 (157, 1)	118.17087 (157, 1)	112.08128C(219, 1)	110.17509C(219, 1)
340.0 /	78.20474C(113, 1)	112.35712C(113, 1)	115.29787C(345, 1)	118.11410C(345, 1)	115.67239C(345, 1)
330.0 /	91.20816C(228, 1)	122.56379C(238, 1)	122.78726C(238, 1)	111.46616C(238, 1)	96.75891C(238, 1)
320.0 /	107.79425C(228, 1)	159.83124C(228, 1)	130.95285C(228, 1)	117.34146C(126, 1)	122.25370C(80, 1)
310.0 /	81.61899C(227, 1)	140.75648C(227, 1)	139.48721C(227, 1)	131.42580C(195, 1)	121.51350C(195, 1)
300.0 /	97.11023C(116, 1)	179.14163C(227, 1)	197.36218C(227, 1)	193.48909C(227, 1)	181.80708C(227, 1)
290.0 /	81.13840C(116, 1)	109.01292C(116, 1)	112.38762C(218, 1)	111.66796C(218, 1)	104.46159C(218, 1)
280.0 /	71.74126C(121, 1)	94.21987C(121, 1)	108.88663C(112, 1)	116.89277C(112, 1)	116.43037C(112, 1)
270.0 /	71.53625C(121, 1)	124.95048C(223, 1)	143.12201C(223, 1)	145.04247C(223, 1)	138.28949C(223, 1)
260.0 /	69.03745C(121, 1)	123.15788C(223, 1)	134.89761C(223, 1)	131.53120C(225, 1)	129.01230C(225, 1)
250.0 /	64.98295C(132, 1)	121.06596C(199, 1)	137.30574C(199, 1)	132.38216C(199, 1)	118.95642C(199, 1)
240.0 /	91.20232C(133, 1)	107.29826C(133, 1)	109.05384C(200, 1)	115.97674C(200, 1)	114.97440C(200, 1)
230.0 /	95.42802C(133, 1)	125.68821C(132, 1)	129.80304C(132, 1)	117.32772C(132, 1)	116.92622 (66, 1)
220.0 /	96.97292C(131, 1)	116.10437C(109, 1)	144.94873C(109, 1)	152.63374C(109, 1)	148.66124C(109, 1)
210.0 /	110.77509C(131, 1)	124.22965C(131, 1)	110.62305C(108, 1)	100.85642C(108, 1)	90.07078C(108, 1)
200.0 /	86.21934C(131, 1)	175.45296C(145, 1)	183.31218C(145, 1)	169.19434C(145, 1)	148.76115C(145, 1)
190.0 /	72.37160C(190, 1)	120.63318C(146, 1)	130.69612C(146, 1)	123.39437C(146, 1)	112.12099C(145, 1)
180.0 /	96.67267C(190, 1)	82.41631C(146, 1)	90.88677C(146, 1)	94.32849C(342, 1)	96.73785C(342, 1)
170.0 /	98.27066C(190, 1)	86.38529C(190, 1)	90.57243C(46, 1)	87.81908C(46, 1)	81.66983C(46, 1)
160.0 /	66.28188C(190, 1)	82.91959C(289, 1)	78.39001C(274, 1)	88.83078C(274, 1)	77.31938C(26, 1)
150.0 /	69.57158C(147, 1)	73.15704C(131, 1)	72.27675C(349, 1)	82.62491C(274, 1)	91.25172C(274, 1)
140.0 /	66.51286C(131, 1)	88.81870C(189, 1)	94.35511C(356, 1)	92.18018C(356, 1)	85.08928C(356, 1)
130.0 /	82.85468C(198, 1)	125.70508C(198, 1)	123.17390C(189, 1)	115.77189C(198, 1)	106.23680C(198, 1)
120.0 /	80.90590C(153, 1)	132.98128C(189, 1)	144.19768C(189, 1)	136.86070C(189, 1)	124.07484C(189, 1)
110.0 /	69.54588C(153, 1)	129.53902C(189, 1)	141.42659C(189, 1)	137.35623C(189, 1)	127.91196C(189, 1)
100.0 /	74.60175C(154, 1)	119.32692C(154, 1)	120.60730C(154, 1)	123.48351 (43, 1)	131.39731 (43, 1)
90.0 /	68.94805C(212, 1)	87.71780 (152, 1)	110.35417 (152, 1)	115.10661 (152, 1)	112.51433 (152, 1)
80.0 /	86.09729C(230, 1)	139.52367C(149, 1)	138.04042C(149, 1)	123.46532C(149, 1)	105.71741C(149, 1)
70.0 /	111.49739C(115, 1)	183.74556C(149, 1)	174.68272C(149, 1)	146.38092C(149, 1)	118.65719C(149, 1)
60.0 /	106.76279C(115, 1)	123.90093C(149, 1)	110.40210C(149, 1)	103.54561C(180, 1)	94.28179C(180, 1)
50.0 /	78.07638 (183, 1)	123.17778 (182, 1)	123.13432C(185, 1)	121.74747C(185, 1)	113.93691C(185, 1)
40.0 /	73.63331C(231, 1)	90.43312 (182, 1)	96.17488C(188, 1)	93.13223C(188, 1)	87.72382C(334, 1)
30.0 /	64.57243C(234, 1)	85.69030C(114, 1)	90.97912C(220, 1)	84.49286C(220, 1)	79.39414C(334, 1)
20.0 /	55.62231C(192, 1)	82.64622C(220, 1)	99.40686C(87, 1)	100.67445C(87, 1)	95.57698C(87, 1)
10.0 /	56.85685 (157, 1)	95.08562C(330, 1)	107.14223C(95, 1)	115.44714C(95, 1)	114.12154C(95, 1)

*** ISCST BY KBN 11/86 *** 1985 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 197.36218 AND OCCURRED AT (1300.0, 300.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	101.71702C(332, 1)
350.0 /	101.31551C(219, 1)
340.0 /	110.19534C(345, 1)
330.0 /	82.53689C(238, 1)
320.0 /	124.72373C(80, 1)
310.0 /	123.88068C(219, 1)
300.0 /	167.57906C(227, 1)
290.0 /	94.78829C(218, 1)
280.0 /	112.14346C(112, 1)
270.0 /	127.48931C(223, 1)
260.0 /	121.00657C(225, 1)
250.0 /	103.37270C(199, 1)
240.0 /	110.53556C(200, 1)
230.0 /	123.97912 (66, 1)
220.0 /	139.23471C(109, 1)
210.0 /	80.07122C(108, 1)
200.0 /	128.42026C(145, 1)
190.0 /	103.77225C(145, 1)
180.0 /	99.47757C(342, 1)
170.0 /	76.61558C(279, 1)
160.0 /	75.44180C(26, 1)
150.0 /	83.18401C(274, 1)
140.0 /	89.13863C(274, 1)
130.0 /	96.85096C(198, 1)
120.0 /	110.43369C(189, 1)
110.0 /	116.65314C(189, 1)
100.0 /	133.90640 (43, 1)
90.0 /	106.90211 (152, 1)
80.0 /	89.67356C(149, 1)
70.0 /	101.10858C(57, 1)
60.0 /	84.08598C(180, 1)
50.0 /	104.60256C(185, 1)
40.0 /	77.76305C(105, 1)
30.0 /	79.43908 (358, 1)
20.0 /	87.92287C(87, 1)
10.0 /	108.28709C(95, 1)

*** ISCST BY KBN 11/86 *** 1985 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 145.24960 AND OCCURRED AT (1300.0, 300.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	70.93348C(202, 1)	103.77394C(202, 1)	113.65350C(86, 1)	108.93831C(86, 1)	99.80342C(332, 1)
350.0 /	73.19211C(209, 1)	112.62639C(202, 1)	110.83933C(86, 1)	103.03181C(207, 1)	101.04865C(207, 1)
340.0 /	65.89051C(238, 1)	109.20010C(208, 1)	108.75565C(208, 1)	100.64331C(208, 1)	92.25565C(208, 1)
330.0 /	75.62019C(113, 1)	118.30800C(113, 1)	107.89042C(113, 1)	93.98152C(113, 1)	81.63992C(113, 1)
320.0 /	62.27776C(208, 1)	104.78177C(287, 1)	116.65925C(126, 1)	115.64053C(80, 1)	115.70832C(177, 1)
310.0 /	74.55637C(228, 1)	132.42566C(228, 1)	137.19514C(195, 1)	127.72892C(227, 1)	120.11534C(219, 1)
300.0 /	93.41773C(227, 1)	134.32446C(195, 1)	145.24960C(195, 1)	138.70851C(195, 1)	128.04654C(195, 1)
290.0 /	65.86503C(121, 1)	105.51853C(266, 1)	107.96898C(121, 1)	104.94799C(121, 1)	98.70200C(121, 1)
280.0 /	45.14322C(116, 1)	86.25376C(246, 1)	105.23667C(266, 1)	114.33813C(266, 1)	115.31676C(266, 1)
270.0 /	55.67313C(223, 1)	100.82611C(121, 1)	94.41764C(121, 1)	90.90222C(268, 1)	91.06486C(268, 1)
260.0 /	58.61473C(223, 1)	96.03104C(199, 1)	123.70188C(225, 1)	130.56226C(223, 1)	119.10447C(223, 1)
250.0 /	64.76624C(133, 1)	93.23059C(200, 1)	109.34000C(200, 1)	110.16603C(200, 1)	106.91530C(200, 1)
240.0 /	75.36827C(132, 1)	97.18236C(132, 1)	91.79777C(132, 1)	93.58257C(290, 1)	95.41479C(290, 1)
230.0 /	73.87773C(132, 1)	109.98087C(133, 1)	107.01462 (119, 1)	109.39645 (119, 1)	112.66930 (124, 1)
220.0 /	71.49732C(133, 1)	103.19704C(131, 1)	103.57755C(108, 1)	99.48273 (124, 1)	112.25223 (124, 1)
210.0 /	77.62888C(145, 1)	112.65955C(145, 1)	108.75138C(145, 1)	94.85936C(145, 1)	78.82144C(145, 1)
200.0 /	84.31068C(145, 1)	114.26550C(146, 1)	128.34190C(146, 1)	122.20999C(146, 1)	108.54679C(146, 1)
190.0 /	66.34757C(146, 1)	111.29473C(145, 1)	124.03147C(145, 1)	120.09586C(145, 1)	109.46824C(146, 1)
180.0 /	80.21813C(155, 1)	80.29758C(204, 1)	90.68479C(171, 1)	88.86387C(171, 1)	83.30528C(171, 1)
170.0 /	60.96157C(155, 1)	81.48953C(46, 1)	85.01934C(274, 1)	81.28154C(274, 1)	78.09627C(279, 1)
160.0 /	65.04742C(289, 1)	67.02178C(349, 1)	76.33025C(349, 1)	77.14231C(349, 1)	76.71329C(274, 1)
150.0 /	59.04498C(131, 1)	72.71303C(147, 1)	69.71714C(131, 1)	72.50816C(349, 1)	70.06606C(349, 1)
140.0 /	64.16672C(189, 1)	88.50021C(131, 1)	86.00830C(355, 1)	83.61364C(355, 1)	77.80779C(355, 1)
130.0 /	77.91701C(136, 1)	120.38657C(189, 1)	122.73275C(198, 1)	110.75368C(189, 1)	95.58054C(189, 1)
120.0 /	78.44157C(253, 1)	117.56570C(153, 1)	108.81595C(6, 1)	107.59743C(6, 1)	101.44569C(6, 1)
110.0 /	64.80097C(189, 1)	110.43488C(154, 1)	114.12257C(154, 1)	107.15085C(154, 1)	97.63760C(154, 1)
100.0 /	68.61521C(212, 1)	117.28004C(153, 1)	119.17868C(153, 1)	112.14668C(153, 1)	102.99197C(153, 1)
90.0 /	68.06289C(191, 1)	82.92509C(197, 1)	83.48811C(197, 1)	78.53304C(142, 1)	76.36642 (4, 1)
80.0 /	85.15874C(149, 1)	105.49339C(142, 1)	99.49757C(142, 1)	89.36889C(142, 1)	84.18394 (308, 1)
70.0 /	110.96203C(149, 1)	138.81830C(115, 1)	116.39133C(115, 1)	116.07136C(115, 1)	112.87143C(115, 1)
60.0 /	95.47314C(230, 1)	121.42810C(115, 1)	106.44685C(180, 1)	95.32932C(148, 1)	81.58037C(148, 1)
50.0 /	75.01601 (182, 1)	105.81338C(185, 1)	117.12483 (182, 1)	105.16168 (182, 1)	101.37775C(181, 1)
40.0 /	63.03189C(151, 1)	87.37571C(151, 1)	93.58710C(185, 1)	86.72676C(334, 1)	85.13049C(188, 1)
30.0 /	59.84502C(114, 1)	83.29217C(192, 1)	84.70556C(191, 1)	82.03882C(288, 1)	77.99474 (358, 1)
20.0 /	52.86507C(114, 1)	79.40642C(87, 1)	92.03493C(220, 1)	82.83110C(220, 1)	70.44598C(220, 1)
10.0 /	54.08791C(202, 1)	83.32999C(95, 1)	96.21420C(220, 1)	93.16572C(220, 1)	84.77969C(220, 1)

*** ISCST BY KBN 11/86 *** 1985 G-P TRS SCREENING -SO2 PSD AND AAQS 11/10/87 ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 145.24960 AND OCCURRED AT (1300.0, 300.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	101.42065C(219, 1)
350.0 /	100.63814 (304, 1)
340.0 /	82.99760C(208, 1)
330.0 /	78.09566C(203, 1)
320.0 /	115.51495C(177, 1)
310.0 /	118.44246 (325, 1)
300.0 /	121.09021C(245, 1)
290.0 /	92.04374C(121, 1)
280.0 /	112.02535C(266, 1)
270.0 /	87.48819C(268, 1)
260.0 /	105.91088C(224, 1)
250.0 /	102.45238C(200, 1)
240.0 /	95.21709C(290, 1)
230.0 /	116.39416 (124, 1)
220.0 /	118.20534 (124, 1)
210.0 /	74.68206C(9, 1)
200.0 /	94.38045C(146, 1)
190.0 /	94.78505C(146, 1)
180.0 /	77.03463C(171, 1)
170.0 /	74.42343C(46, 1)
160.0 /	70.63265C(349, 1)
150.0 /	67.79704C(29, 1)
140.0 /	76.72197C(356, 1)
130.0 /	85.11034C(289, 1)
120.0 /	93.60961C(6, 1)
110.0 /	88.70663C(118, 1)
100.0 /	93.44305C(153, 1)
90.0 /	76.22812 (4, 1)
80.0 /	85.96099 (308, 1)
70.0 /	96.61917C(149, 1)
60.0 /	74.29724C(88, 1)
50.0 /	99.94353C(181, 1)
40.0 /	77.61684C(188, 1)
30.0 /	72.40589C(88, 1)
20.0 /	70.04047C(1, 1)
10.0 /	79.67889C(166, 1)

ISCSTK6 MODEL, A VERSION OF
ISCST (VERSION 86170)
AN AIR QUALITY DISPERSION MODEL IN
SECTION 1. GUIDELINE MODELS.
IN UNAMAP (VERSION 6) JULY 1986.
SOURCE: FILE 6 ON UNAMAP MAGNETIC TAPE FROM NTIS.

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CARD INPUT FILE IS	GPAAQS3H.I81
SUMMARY OUTPUT FILE IS	GPAAQS3H.O81
METEOROLOGICAL FILE IS	JAXPRE81.BIN
TITLE OF RUN IS	1981 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87

*** ISCST BY KBN 11/86 *** 1981 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

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) = 2
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) = 0
PRINT 'N'-DAY TABLE(S) (YES=1,NO=0)	ISW(15) = 0
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) = 0
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 = 12
NUMBER OF SOURCE GROUPS (=0,ALL SOURCES)	NGROUP = 3
TIME PERIOD INTERVAL TO BE PRINTED (=0,ALL INTERVALS)	IPERD = 0
NUMBER OF X (RANGE) GRID VALUES	NXPNTS = 6
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 = 6.10 METERS
LOGICAL UNIT NUMBER OF METEOROLOGICAL DATA	IMET = 9
DECAY COEFFICIENT FOR PHYSICAL OR CHEMICAL DEPLETION	DECAY =0.000000E+00
SURFACE STATION NO.	ISS = 13889
YEAR OF SURFACE DATA	ISY = 81
UPPER AIR STATION NO.	IUS = 13861
YEAR OF UPPER AIR DATA	IUY = 81
ALLOCATED DATA STORAGE	LIMIT = 20000 WORDS
REQUIRED DATA STORAGE FOR THIS PROBLEM RUN	MIMIT = 6294 WORDS

*** ISCST BY KBN 11/86 *** 1981 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

*** 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
```

*** NUMBER OF SOURCE NUMBERS REQUIRED TO DEFINE SOURCE GROUPS ***
(NSOGRP)

1, 4, 3,

*** SOURCE NUMBERS DEFINING SOURCE GROUPS ***
(IDSOR)

103, 103, 1100, 9991, 9992, 103, 800, -9994,

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

1.50, 3.10, 5.10, 8.20, 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

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

500.0, 900.0, 1300.0, 1700.0, 2100.0, 2500.0,

*** 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,				

*** SOURCE DATA ***

SOURCE NUMBER	TYPE	WAKE	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)
103	0	0	0	0.15120E+03	0.0	0.0	0.0	65.00	561.00	13.50	0.98	0.00	0.00	0.00
400	0	0	0	-.15100E+02	-15.0	30.0	0.0	76.20	367.00	8.80	3.66	0.00	0.00	0.00
500	0	0	0	-.86000E+01	-43.0	7.0	0.0	40.50	372.00	7.28	3.41	0.00	0.00	0.00
800	0	0	0	0.37700E+02	-165.0	14.0	0.0	76.20	474.00	13.93	4.02	0.00	0.00	0.00
1000	0	0	0	0.88800E+02	-88.0	64.0	0.0	76.20	450.00	15.39	3.66	0.00	0.00	0.00
1100	0	0	0	0.40500E+02	-192.0	58.0	0.0	70.10	489.00	22.20	3.66	0.00	0.00	0.00
1200	0	0	0	0.45200E+02	-78.0	110.0	0.0	37.00	474.00	14.54	1.22	0.00	0.00	0.00
1300	0	0	0	0.34740E+03	-87.0	88.0	0.0	70.70	501.00	17.15	2.74	0.00	0.00	0.00
9990	0	0	0	0.20110E+03	9100.0	-5700.0	0.0	22.30	458.00	31.70	3.14	0.00	0.00	0.00
9991	0	0	0	0.20110E+03	9100.0	-5700.0	0.0	22.30	458.00	31.70	3.14	0.00	0.00	0.00
9992	0	0	0	0.16360E+04	4600.0	5800.0	0.0	205.00	326.00	8.40	15.52	0.00	0.00	0.00
9994	0	0	0	0.37080E+03	8650.0	-5700.0	0.0	45.70	408.00	11.90	3.96	0.00	0.00	0.00

CALM HOURS (=1) FOR DAY	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	2	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0
CALM HOURS (=1) FOR DAY	3	*	1	1	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0
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
* CALM HOURS (=1) FOR DAY	8	*	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
* CALM HOURS (=1) FOR DAY	9	*	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
CALM HOURS (=1) FOR DAY	10	*	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	11	*	0	0	0	1	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	15	*	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1
CALM HOURS (=1) FOR DAY	16	*	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	17	*	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	19	*	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	20	*	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	1	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	1	1	1	0	0
* CALM HOURS (=1) FOR DAY	25	*	1	1	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
* CALM HOURS (=1) FOR DAY	26	*	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
CALM HOURS (=1) FOR DAY	27	*	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
CALM HOURS (=1) FOR DAY	28	*	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	29	*	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1
CALM HOURS (=1) FOR DAY	30	*	1	0	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	32	*	0	0	1	1	1	1	0	1	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	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	35	*	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	36	*	0	0	1	1	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	37	*	0	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	38	*	0	0	0	0	0	0	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
CALM HOURS (=1) FOR DAY	39	*	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	40	*	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	41	*	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	49	*	0	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	50	*	0	0	0	1	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	52	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1
* CALM HOURS (=1) FOR DAY	53	*	1	0	1	0	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 55 *	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 56 *	0	1	0	0	1	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 57 *	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	
* CALM HOURS (=1) FOR DAY 58 *	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 59 *	0	1	1	1	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 62 *	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	
* CALM HOURS (=1) FOR DAY 63 *	1	0	0	1	1	1	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	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 66 *	1	1	1	1	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 67 *	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 68 *	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	
* CALM HOURS (=1) FOR DAY 69 *	1	1	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 70 *	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 71 *	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	
* CALM HOURS (=1) FOR DAY 72 *	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	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	1	0	1	1	0	
* CALM HOURS (=1) FOR DAY 74 *	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 79 *	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 80 *	1	0	1	0	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 81 *	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 83 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	
* CALM HOURS (=1) FOR DAY 84 *	1	1	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
* CALM HOURS (=1) FOR DAY 85 *	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
* CALM HOURS (=1) FOR DAY 86 *	0	1	1	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 87 *	1	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 89 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 90 *	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 91 *	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 92 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	
* CALM HOURS (=1) FOR DAY 93 *	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 96 *	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 97 *	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
* CALM HOURS (=1) FOR DAY 98 *	1	0	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 99 *	1	1	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1		
* CALM HOURS (=1) FOR DAY 100 *	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
* CALM HOURS (=1) FOR DAY 101 *	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 102 *	0	0	0	0	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 103 *	0	0	0	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 104 *	0	0	1	0	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 105 *	1	1	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 106 *	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 107 *	1	0	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 108 *	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	
* CALM HOURS (=1) FOR DAY 109 *	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 110 *	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 111 *	0	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 112 *	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 113 *	1	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 114 *	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 115 *	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1	
* CALM HOURS (=1) FOR DAY 116 *	1	1	1	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 117 *	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
* CALM HOURS (=1) FOR DAY 118 *	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 119 *	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 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	
* CALM HOURS (=1) FOR DAY 122 *	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 123 *	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	
* CALM HOURS (=1) FOR DAY 124 *	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	
* CALM HOURS (=1) FOR DAY 125 *	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	1	
* CALM HOURS (=1) FOR DAY 126 *	0	1	1	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 127 * 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 129 * 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 130 * 1 1 1 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 132 * 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1
CALM HOURS (=1) FOR DAY 133 * 1 0 0 1 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1
CALM HOURS (=1) FOR DAY 134 * 1 0 1 1 1 1 0 1 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0
CALM HOURS (=1) FOR DAY 135 * 0 0 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 136 * 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0
CALM HOURS (=1) FOR DAY 137 * 1 0 1 1 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 138 * 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 139 * 1 1 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 140 * 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 141 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 1
CALM HOURS (=1) FOR DAY 142 * 0 0 0 1 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 143 * 1 1 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 144 * 0 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 0 0
CALM HOURS (=1) FOR DAY 145 * 0 1 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 148 * 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 149 * 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 150 * 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 151 * 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0
CALM HOURS (=1) FOR DAY 152 * 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 153 * 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 155 * 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 156 * 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 158 * 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 159 * 1 0 0 1 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 160 * 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 161 * 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 162 * 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 163 * 0 0 0 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 164 * 1 1 1 1 0 1 1 0 0 0 1 0 0 0 0 0 0 0 0 1 0 0 0 0 0
CALM HOURS (=1) FOR DAY 165 * 1 0 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 166 * 1 0 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
CALM HOURS (=1) FOR DAY 167 * 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 1
CALM HOURS (=1) FOR DAY 168 * 1 0 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0
CALM HOURS (=1) FOR DAY 169 * 0 1 1 0 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1
CALM HOURS (=1) FOR DAY 170 * 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 171 * 0 0 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 172 * 1 0 1 1 1 1 1 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0
CALM HOURS (=1) FOR DAY 173 * 0 0 0 0 1 0 0 0 0 0 0 1 0 1 0 0 1 0 0 0 0 0 0 0
CALM HOURS (=1) FOR DAY 175 * 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 176 * 0 1 1 0 1 0 1 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0
CALM HOURS (=1) FOR DAY 177 * 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
CALM HOURS (=1) FOR DAY 178 * 1 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 179 * 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 180 * 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 181 * 1 1 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 182 * 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 183 * 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 184 * 0 0 0 0 0 0 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 1 1 1
CALM HOURS (=1) FOR DAY 185 * 1 1 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 186 * 1 1 1 0 1 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 187 * 1 0 1 1 1 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 188 * 0 0 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 189 * 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 1 0 0 0
CALM HOURS (=1) FOR DAY 190 * 1 1 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 191 * 1 1 1 1 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 192 * 1 0 1 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 193 * 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 194 * 0 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 1 0 1 1 0 0 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 1 1 0 0 0
* CALM HOURS (=1) FOR DAY 199 * 1 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 1
* CALM HOURS (=1) FOR DAY 200 * 0 0 1 1 1 1 0 1 1 1 0 0 0 1 0 1 0 0 0 0 0 0 0 1
* CALM HOURS (=1) FOR DAY 201 * 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 203 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 1
* CALM HOURS (=1) FOR DAY 204 * 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 205 * 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 206 * 0 0 0 0 1 1 0 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0
* CALM HOURS (=1) FOR DAY 207 * 1 0 1 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 208 * 0 0 1 1 1 0 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0
* CALM HOURS (=1) FOR DAY 209 * 1 1 1 1 1 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 210 * 0 0 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 211 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 212 * 0 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0
* CALM HOURS (=1) FOR DAY 213 * 1 1 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 1 0 1
* CALM HOURS (=1) FOR DAY 214 * 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 1 1
* CALM HOURS (=1) FOR DAY 215 * 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 216 * 0 0 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 217 * 1 0 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 218 * 0 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 221 * 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 222 * 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 223 * 0 0 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1
* CALM HOURS (=1) FOR DAY 224 * 0 1 0 0 1 1 1 1 1 0 0 0 0 0 0 1 1 1 1 0 0 0 0 0
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* CALM HOURS (=1) FOR DAY 226 * 1 1 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 227 * 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 228 * 0 1 1 1 1 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 229 * 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
* CALM HOURS (=1) FOR DAY 231 * 0 0 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 232 * 0 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 234 * 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 235 * 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
* CALM HOURS (=1) FOR DAY 236 * 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 237 * 1 1 1 1 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 238 * 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
* CALM HOURS (=1) FOR DAY 240 * 1 1 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 241 * 0 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 243 * 1 0 1 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 244 * 0 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
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* CALM HOURS (=1) FOR DAY 246 * 1 0 1 0 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0 1 0 1 0 1
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* CALM HOURS (=1) FOR DAY 249 * 1 1 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 250 * 1 1 0 1 0 1 0 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0
* CALM HOURS (=1) FOR DAY 251 * 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0
* CALM HOURS (=1) FOR DAY 252 * 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 253 * 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 254 * 0 1 1 1 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 255 * 1 0 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1
* CALM HOURS (=1) FOR DAY 256 * 1 0 1 1 1 1 1 1 0 1 1 0 0 0 0 0 0 0 0 0 0 1 1
* CALM HOURS (=1) FOR DAY 257 * 1 1 1 1 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1
* CALM HOURS (=1) FOR DAY 258 * 0 1 0 1 1 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 260 * 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 1 0 0 0 0 0
* CALM HOURS (=1) FOR DAY 262 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 1 1 1 0 1
* CALM HOURS (=1) FOR DAY 263 * 0 1 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1
* CALM HOURS (=1) FOR DAY 264 * 0 1 1 1 1 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 265 * 1 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 1 1

* CALM HOURS (=1) FOR DAY 266 * 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0
* CALM HOURS (=1) FOR DAY 267 * 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1
CALM HOURS (=1) FOR DAY 268 * 1 1 1 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1
CALM HOURS (=1) FOR DAY 269 * 0 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 270 * 1 0 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 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 1 1 1
CALM HOURS (=1) FOR DAY 272 * 1 1 1 0 0 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 1
* CALM HOURS (=1) FOR DAY 273 * 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 274 * 1 1 1 1 1 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0
CALM HOURS (=1) FOR DAY 276 * 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 277 * 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 278 * 1 1 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1
CALM HOURS (=1) FOR DAY 279 * 0 1 1 1 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 280 * 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 281 * 0 0 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 282 * 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 0
CALM HOURS (=1) FOR DAY 283 * 1 0 0 1 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 0
* CALM HOURS (=1) FOR DAY 288 * 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 289 * 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 1
CALM HOURS (=1) FOR DAY 290 * 1 1 0 1 1 1 1 1 0 1 1 0 0 0 0 0 0 0 0 0 0 1 1 0
CALM HOURS (=1) FOR DAY 291 * 0 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 292 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 0 0 0
CALM HOURS (=1) FOR DAY 293 * 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 294 * 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 295 * 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1
* CALM HOURS (=1) FOR DAY 296 * 0 0 1 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0
CALM HOURS (=1) FOR DAY 298 * 0 0 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 300 * 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 301 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
CALM HOURS (=1) FOR DAY 302 * 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 307 * 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 311 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 0 1 1 0
CALM HOURS (=1) FOR DAY 312 * 0 1 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 1
CALM HOURS (=1) FOR DAY 313 * 1 1 0 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 0 1
* CALM HOURS (=1) FOR DAY 314 * 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 317 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 1 0 0
CALM HOURS (=1) FOR DAY 318 * 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 1 0 1
CALM HOURS (=1) FOR DAY 319 * 1 0 0 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 320 * 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 322 * 0 0 0 0 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 323 * 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 325 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 1 0 0 1
* CALM HOURS (=1) FOR DAY 326 * 1 0 0 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 1 0 1 1 1 1 0
CALM HOURS (=1) FOR DAY 327 * 1 0 1 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 0
* CALM HOURS (=1) FOR DAY 328 * 1 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 329 * 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 0 1
CALM HOURS (=1) FOR DAY 330 * 1 1 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 331 * 0 1 1 1 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 332 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 0 0 1 0
CALM HOURS (=1) FOR DAY 333 * 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 1 0 0 0 1
CALM HOURS (=1) FOR DAY 334 * 1 0 0 0 0 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 1 0 0 1
* CALM HOURS (=1) FOR DAY 335 * 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
* CALM HOURS (=1) FOR DAY 337 * 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 0
CALM HOURS (=1) FOR DAY 338 * 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 339 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 0 1
* CALM HOURS (=1) FOR DAY 340 * 1 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 1 0 1 1 0 1 1
CALM HOURS (=1) FOR DAY 341 * 1 1 0 1 1 1 1 1 0 1 0 0 0 0 0 0 0 0 1 0 0 1 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 1 1 0 1 1
* CALM HOURS (=1) FOR DAY 346 * 1 0 1 1 0 1 0 0 1 0 0 0 0 0 0 1 0 1 1 1 1 0 0 0
CALM HOURS (=1) FOR DAY 348 * 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0

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* CALM HOURS (=1) FOR DAY 350 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  1  1  1  1  1
* CALM HOURS (=1) FOR DAY 351 *  1  1  1  1  1  0  0  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 354 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  1  1  1  1
* CALM HOURS (=1) FOR DAY 355 *  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  1  1  0  0
* CALM HOURS (=1) FOR DAY 356 *  1  1  1  1  0  1  1  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  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 358 *  0  0  0  0  0  0  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  1  0  0  1
* CALM HOURS (=1) FOR DAY 359 *  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 361 *  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 362 *  0  0  0  0  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0
* CALM HOURS (=1) FOR DAY 365 *  0  0  0  1  0  0  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
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*** ISCST BY KBN 11/86 *** 1981 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 553.45044 AND OCCURRED AT (500.0, 90.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	284.82190C(173, 5)	365.48456 (216, 4)	297.99768 (216, 4)	213.36108 (216, 4)	171.98215 (240, 7)
350.0 /	286.98730 (222, 4)	336.03485 (99, 4)	235.19017 (99, 4)	186.11156 (250, 5)	151.64816C(200, 6)
340.0 /	351.86359 (175, 4)	281.21512 (175, 4)	228.50476 (312, 4)	176.23784 (182, 6)	155.53659C(124, 3)
330.0 /	511.34775 (175, 4)	266.17685 (215, 5)	297.22049 (182, 6)	281.28348 (182, 6)	239.38724 (182, 6)
320.0 /	442.97189 (175, 4)	517.05298 (215, 5)	350.39804 (215, 5)	283.82568 (146, 3)	241.83426 (146, 3)
310.0 /	264.34058 (215, 4)	289.60165 (215, 5)	272.05600 (327, 5)	222.39787 (327, 5)	184.97874 (138, 6)
300.0 /	225.11844 (143, 5)	274.09821 (144, 6)	320.44965 (144, 6)	278.06549 (144, 6)	226.01738 (144, 6)
290.0 /	355.97223 (133, 5)	309.39740 (100, 5)	331.03067 (225, 5)	286.15411 (225, 5)	239.97824 (225, 5)
280.0 /	315.85602 (133, 5)	306.00427 (137, 4)	257.15268 (137, 4)	212.90067 (265, 4)	198.22551 (265, 4)
270.0 /	263.67001 (174, 5)	288.44580 (137, 5)	267.40582 (340, 5)	227.53899 (340, 5)	182.90198 (340, 5)
260.0 /	235.54080C(225, 4)	261.09839 (116, 4)	266.90613 (85, 5)	231.72343 (85, 5)	227.08440 (265, 6)
250.0 /	291.10748 (226, 4)	410.44775 (168, 5)	305.30072 (278, 5)	229.33562 (278, 5)	186.41913 (40, 6)
240.0 /	349.41675 (226, 4)	335.16302 (244, 4)	276.65817 (241, 6)	236.97046 (241, 6)	200.56458 (241, 6)
230.0 /	235.46790 (169, 4)	270.10620 (271, 4)	219.46097 (333, 5)	209.11777C(38, 5)	217.64886C(38, 5)
220.0 /	307.26572 (142, 4)	301.83737 (102, 5)	242.18750 (102, 5)	171.94485 (102, 5)	179.79843 (363, 6)
210.0 /	341.34604 (142, 4)	205.68561 (56, 4)	190.40302 (141, 6)	157.30429 (9, 5)	147.80560 (9, 5)
200.0 /	327.27567 (142, 4)	191.10565 (163, 4)	175.98721 (163, 4)	149.72415 (68, 3)	142.93190 (6, 4)
190.0 /	243.84338 (142, 4)	282.79919 (167, 4)	287.56506 (190, 3)	270.52249 (190, 3)	229.99631 (190, 3)
180.0 /	254.35858C(134, 5)	407.21982 (283, 5)	326.30096 (283, 5)	246.88208 (11, 4)	205.27789 (11, 4)
170.0 /	324.14798 (191, 4)	275.47614 (193, 4)	255.03070 (339, 4)	217.80711 (339, 4)	183.10234 (243, 4)
160.0 /	242.63542 (191, 4)	303.08905 (57, 4)	248.77985 (57, 4)	214.14391 (244, 3)	180.25957 (82, 3)
150.0 /	237.58740 (109, 4)	266.40314 (289, 4)	333.48175 (16, 4)	309.78479 (16, 4)	262.43915 (16, 4)
140.0 /	274.88702 (195, 4)	414.58789 (195, 4)	312.92685 (195, 4)	236.79184 (350, 4)	202.39105 (350, 4)
130.0 /	355.56479 (118, 4)	348.80237 (189, 4)	298.29718 (260, 5)	259.63290 (258, 4)	211.82074 (258, 4)
120.0 /	284.99774 (136, 4)	306.78101 (70, 4)	301.11865 (195, 6)	246.28056 (195, 6)	193.77318 (195, 6)
110.0 /	259.36996 (136, 4)	345.76508 (219, 4)	268.81598 (219, 4)	217.98486 (8, 5)	180.77444 (8, 5)
100.0 /	353.50192 (177, 4)	217.31296C(200, 4)	232.65860 (1, 4)	200.38684 (135, 5)	171.01299 (135, 5)
90.0 /	553.45044 (177, 4)	374.52545 (345, 5)	364.40118 (345, 5)	292.38129 (345, 5)	227.76672 (345, 5)
80.0 /	461.55609 (177, 4)	356.05914 (197, 4)	312.32547 (27, 4)	290.66589 (27, 4)	245.26163 (27, 4)
70.0 /	227.71942 (197, 5)	391.23605 (199, 4)	292.12405 (199, 4)	201.28362 (199, 4)	183.70441 (64, 2)
60.0 /	295.66315 (263, 4)	276.78235 (263, 5)	285.88281 (161, 4)	253.06909 (161, 4)	215.93871 (161, 4)
50.0 /	339.50333 (218, 4)	381.48849 (74, 5)	326.27094 (74, 5)	247.62566C(105, 3)	206.29778C(105, 3)
40.0 /	434.12445 (218, 4)	326.36923 (118, 5)	321.66180 (159, 6)	277.15393 (159, 6)	224.29021 (159, 6)
30.0 /	294.88165 (151, 5)	312.87936 (150, 4)	240.81741 (86, 5)	198.73547C(222, 3)	166.05028C(222, 3)
20.0 /	253.95444 (210, 5)	206.08629 (213, 4)	197.18030C(222, 3)	177.93164C(222, 3)	151.49184 (351, 6)
10.0 /	329.03589C(173, 5)	325.06671 (117, 4)	292.63559 (218, 6)	242.80107 (218, 6)	192.81503 (218, 6)

*** ISCST BY KBN 11/86 *** 1981 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 553.45044 AND OCCURRED AT (500.0, 90.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	183.75986 (240, 7)
350.0 /	159.31067 (204, 1)
340.0 /	143.57713 (299, 2)
330.0 /	198.45586 (182, 6)
320.0 /	200.92395 (146, 3)
310.0 /	168.24037 (88, 6)
300.0 /	206.89818 (112, 6)
290.0 /	201.99966 (225, 5)
280.0 /	183.39648 (143, 6)
270.0 /	148.86124C(340, 6)
260.0 /	221.62326 (265, 6)
250.0 /	191.11253 (40, 6)
240.0 /	170.73804 (241, 6)
230.0 /	210.04630C(38, 5)
220.0 /	182.58118 (363, 6)
210.0 /	144.78873 (305, 8)
200.0 /	140.79915 (284, 3)
190.0 /	190.77191 (190, 3)
180.0 /	204.45615 (315, 4)
170.0 /	184.94366 (112, 3)
160.0 /	183.24626 (82, 3)
150.0 /	217.31438 (16, 4)
140.0 /	170.09715 (350, 4)
130.0 /	190.96823 (114, 6)
120.0 /	156.16161 (162, 4)
110.0 /	147.39107 (8, 5)
100.0 /	154.72253C(332, 6)
90.0 /	178.93359 (345, 5)
80.0 /	202.48607 (27, 4)
70.0 /	186.43730 (64, 2)
60.0 /	183.79265 (161, 4)
50.0 /	184.07310 (113, 6)
40.0 /	180.21109 (159, 6)
30.0 /	153.33234 (201, 3)
20.0 /	135.65501 (351, 6)
10.0 /	180.46277 (95, 3)

*** ISCST BY KBN 11/86 *** 1981 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 418.24863 AND OCCURRED AT (500.0, 40.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	237.76714 (187, 5)	300.88507 (222, 5)	260.43500 (59, 4)	210.79282 (59, 4)	165.23708 (59, 4)
350.0 /	253.93967 (247, 5)	274.95886 (145, 4)	230.31885 (138, 4)	181.25018 (138, 4)	150.37613 (63, 4)
340.0 /	268.15140 (222, 4)	262.41571 (312, 4)	202.09473 (182, 6)	173.00546 (312, 4)	149.71359 (150, 3)
330.0 /	345.60144 (217, 5)	228.59140 (175, 4)	257.99701 (170, 3)	220.09477 (170, 3)	186.06055 (182, 5)
320.0 /	354.75067 (215, 5)	253.14787 (103, 5)	300.73688 (146, 3)	232.83647 (215, 5)	197.32812 (206, 6)
310.0 /	253.93967C(125, 5)	277.61395 (327, 5)	247.29953 (130, 6)	213.91077 (138, 6)	181.62711 (155, 5)
300.0 /	215.85991 (215, 4)	267.90253 (143, 5)	286.43378 (107, 6)	254.66907 (107, 6)	219.22604 (107, 6)
290.0 /	259.19809 (151, 4)	308.81409 (225, 5)	292.46283 (100, 5)	244.14429C(80, 4)	206.83871C(80, 4)
280.0 /	254.99747 (207, 4)	261.09113 (264, 4)	213.65994 (264, 4)	201.74719 (143, 6)	195.02739 (143, 6)
270.0 /	219.05974 (116, 4)	277.66357 (116, 4)	255.20251 (190, 5)	204.32439 (190, 5)	160.83163C(340, 6)
260.0 /	206.66537 (116, 4)	248.59750 (244, 5)	230.59363 (137, 6)	219.26250 (265, 6)	195.35056 (87, 6)
250.0 /	287.22382 (168, 5)	359.12640 (278, 5)	294.53076 (168, 5)	204.72940 (168, 5)	172.38347 (67, 6)
240.0 /	253.18700 (211, 5)	294.17871 (245, 4)	254.05334 (40, 4)	212.60815 (40, 4)	169.33847 (40, 4)
230.0 /	215.77739 (271, 4)	258.00540 (142, 5)	187.52356 (227, 4)	178.76257 (333, 5)	177.18065 (314, 6)
220.0 /	253.95044 (229, 4)	246.45975 (142, 5)	165.08932 (318, 4)	165.82922 (364, 8)	174.02231 (297, 5)
210.0 /	212.67365 (209, 5)	197.65178 (102, 5)	182.20422 (56, 4)	154.22240 (141, 6)	147.45532 (305, 8)
200.0 /	253.63678 (209, 5)	182.91747C(62, 4)	169.06328 (66, 5)	148.01749 (6, 4)	138.10797 (284, 3)
190.0 /	232.33684 (169, 5)	277.59610 (227, 3)	284.01874 (227, 3)	236.07500 (255, 4)	191.25253 (255, 4)
180.0 /	232.81323 (191, 4)	292.96252 (192, 4)	271.20059 (11, 4)	240.20291 (283, 5)	199.88251 (315, 4)
170.0 /	248.59827 (115, 4)	273.26532 (191, 4)	239.85320 (141, 4)	204.25549 (353, 5)	180.81908 (353, 5)
160.0 /	211.59630 (102, 4)	281.47888 (289, 4)	244.89182 (244, 3)	184.33328 (57, 4)	175.80132 (244, 3)
150.0 /	213.01471 (228, 4)	261.09811 (16, 4)	248.78532 (35, 5)	207.95639 (35, 5)	166.46028 (244, 3)
140.0 /	258.39810 (118, 4)	289.29291C(229, 3)	282.86823C(229, 3)	231.21599C(229, 3)	182.86295C(229, 3)
130.0 /	256.17297 (169, 4)	294.13403 (260, 5)	297.58069 (258, 4)	237.79057 (260, 5)	195.76215C(226, 3)
120.0 /	255.63438 (151, 4)	301.21432 (252, 4)	214.66602 (195, 5)	186.14087 (325, 4)	172.24384 (162, 4)
110.0 /	255.52898 (132, 5)	283.57654 (252, 4)	240.79745 (8, 5)	195.70183 (219, 4)	147.26944 (195, 3)
100.0 /	337.90015 (132, 5)	214.79886 (121, 5)	227.43735 (135, 5)	199.60161 (1, 4)	160.99557 (1, 4)
90.0 /	341.86450 (132, 5)	336.10101 (177, 4)	244.74292 (323, 5)	213.12854 (323, 5)	181.01488 (194, 3)
80.0 /	364.34705 (132, 4)	293.37543 (210, 4)	262.07648 (197, 4)	191.73466 (13, 5)	164.10941 (120, 6)
70.0 /	213.07266 (132, 4)	253.64226 (139, 4)	228.05272 (320, 4)	185.30667 (320, 4)	148.21758 (23, 2)
60.0 /	253.16898 (125, 4)	264.43173 (161, 4)	235.74963 (323, 4)	203.15306 (323, 4)	170.07037 (91, 3)
50.0 /	325.42191 (113, 5)	317.93994 (144, 4)	289.38492C(105, 3)	245.83237 (74, 5)	203.93750 (113, 6)
40.0 /	418.24863 (113, 5)	326.36713 (218, 4)	301.16495 (157, 3)	243.60797 (157, 3)	194.52092 (19, 5)
30.0 /	289.29871 (218, 4)	263.83240 (113, 4)	226.44687C(222, 3)	190.91199 (86, 5)	165.18121 (201, 3)
20.0 /	246.24680 (120, 4)	197.91931 (117, 4)	176.22403C(153, 3)	166.66006 (351, 6)	150.84485C(222, 3)
10.0 /	236.56339 (117, 4)	284.54578 (155, 4)	254.52722 (155, 4)	196.12000 (155, 4)	185.78964 (6, 6)

*** ISCST BY KBN 11/86 *** 1981 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 418.24863 AND OCCURRED AT (500.0, 40.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	170.71323 (299, 7)
350.0 /	138.39413 (63, 4)
340.0 /	138.87808 (20, 5)
330.0 /	175.18610 (182, 5)
320.0 /	168.53825 (206, 6)
310.0 /	162.60147 (103, 6)
300.0 /	188.57666 (107, 6)
290.0 /	171.56841C(80, 4)
280.0 /	178.26274 (265, 4)
270.0 /	146.57617 (340, 5)
260.0 /	197.92583 (87, 6)
250.0 /	150.93619 (67, 6)
240.0 /	169.65057 (239, 6)
230.0 /	178.51445 (106, 1)
220.0 /	172.13409 (297, 5)
210.0 /	135.28336 (9, 5)
200.0 /	128.13039 (6, 4)
190.0 /	153.97321 (255, 4)
180.0 /	187.01233 (128, 2)
170.0 /	181.61102 (233, 1)
160.0 /	153.36411 (231, 1)
150.0 /	154.53848 (344, 6)
140.0 /	162.84372 (261, 3)
130.0 /	190.03551C(226, 3)
120.0 /	153.24974 (195, 6)
110.0 /	137.37723 (33, 4)
100.0 /	145.74118 (135, 5)
90.0 /	156.99144 (194, 3)
80.0 /	150.60022 (120, 6)
70.0 /	151.73972 (23, 2)
60.0 /	152.78699 (91, 3)
50.0 /	183.58347C(143, 3)
40.0 /	163.05748 (359, 5)
30.0 /	153.31548 (95, 6)
20.0 /	133.23320 (335, 8)
10.0 /	177.20102 (6, 6)

*** ISCST BY KBN 11/86 *** 1981 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 1100, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 561.01343 AND OCCURRED AT (500.0, 90.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	284.82202C(173, 5)	365.54648 (216, 4)	299.05676 (216, 4)	216.47374 (59, 4)	174.47458 (59, 4)
350.0 /	286.98737 (222, 4)	343.60410 (99, 4)	243.18314 (99, 4)	188.12042 (250, 5)	155.07660 (63, 4)
340.0 /	352.10388 (175, 4)	283.17538 (175, 4)	229.92245 (312, 4)	176.33978 (182, 6)	155.76526C(124, 3)
330.0 /	511.55560 (175, 4)	266.89606 (215, 5)	297.48331 (182, 6)	281.91196 (182, 6)	240.63029 (182, 6)
320.0 /	443.14926 (175, 4)	517.76147 (215, 5)	355.77036 (215, 5)	284.46118 (146, 3)	242.94418 (146, 3)
310.0 /	269.33249 (215, 4)	290.19385 (215, 5)	275.90454 (327, 5)	228.30003 (138, 6)	201.35001 (138, 6)
300.0 /	240.55389 (143, 5)	291.58603 (143, 5)	336.69577 (144, 6)	294.86932 (144, 6)	246.43182 (107, 6)
290.0 /	361.72388 (133, 5)	312.52090 (225, 5)	335.43616 (225, 5)	291.73547 (225, 5)	247.14763 (225, 5)
280.0 /	321.30658 (133, 5)	321.72681 (137, 4)	288.69968 (137, 4)	241.32529 (137, 4)	203.68242 (137, 4)
270.0 /	265.74780 (174, 5)	288.89337 (137, 5)	323.27588 (340, 5)	293.19977 (340, 5)	254.66422 (340, 5)
260.0 /	235.54102C(225, 4)	276.75970 (122, 5)	268.37766 (85, 5)	233.56084 (85, 5)	227.61008 (265, 6)
250.0 /	335.98294 (226, 4)	410.99829 (168, 5)	307.70850 (278, 5)	235.02977 (278, 5)	194.32323 (333, 5)
240.0 /	397.49036 (226, 4)	348.00952 (244, 4)	284.22791 (241, 6)	248.17577 (241, 6)	214.36542 (241, 6)
230.0 /	281.50302 (142, 4)	311.83377 (142, 4)	278.58466 (333, 5)	244.49911 (333, 5)	222.54228C(38, 5)
220.0 /	377.24707 (142, 4)	395.38657 (102, 5)	332.01260 (102, 5)	258.91336 (102, 5)	217.27379 (271, 3)
210.0 /	408.51141 (142, 4)	291.47260 (102, 5)	259.70831 (102, 5)	209.16881 (102, 5)	197.07321 (9, 5)
200.0 /	391.85150 (142, 4)	198.42972 (56, 4)	222.02171 (56, 4)	200.86711 (56, 4)	173.18893 (56, 4)
190.0 /	306.12601 (142, 4)	283.39807 (167, 4)	311.63278 (255, 4)	271.50433 (255, 4)	230.71179 (190, 3)
180.0 /	265.28217 (191, 4)	407.77548 (283, 5)	329.41656 (283, 5)	247.50751 (11, 4)	206.46832 (11, 4)
170.0 /	357.21320 (191, 4)	309.32611 (191, 4)	255.62830 (339, 4)	219.35251 (339, 4)	186.46280 (353, 5)
160.0 /	276.18994 (191, 4)	303.94965 (57, 4)	252.14673 (57, 4)	215.20398 (244, 3)	189.77527 (10, 4)
150.0 /	240.45679 (109, 4)	267.80048 (289, 4)	334.40222 (16, 4)	311.37372 (16, 4)	264.74347 (16, 4)
140.0 /	274.99689 (195, 4)	418.50388 (195, 4)	321.71484 (195, 4)	238.38567 (350, 4)	204.90933 (350, 4)
130.0 /	358.09726 (118, 4)	351.22299 (189, 4)	299.20758 (260, 5)	260.97223 (258, 4)	213.97104 (258, 4)
120.0 /	290.01465 (136, 4)	310.49072 (252, 4)	303.64810 (195, 6)	250.84390 (195, 6)	200.17711 (195, 6)
110.0 /	275.13992 (257, 5)	351.20038 (219, 4)	278.15076 (219, 4)	219.32822 (8, 5)	182.89850 (8, 5)
100.0 /	358.58704 (177, 4)	218.87152 (121, 5)	233.82201 (1, 4)	206.72771 (135, 5)	178.69096 (135, 5)
90.0 /	561.01343 (177, 4)	375.45013 (345, 5)	367.40924 (345, 5)	297.60687 (345, 5)	234.83855 (345, 5)
80.0 /	469.23117 (177, 4)	361.99530 (197, 4)	312.63110 (27, 4)	291.29834 (27, 4)	246.34337 (27, 4)
70.0 /	231.90945 (197, 5)	392.46417 (199, 4)	295.83411 (199, 4)	207.42021 (199, 4)	184.11375 (64, 2)
60.0 /	296.04144 (263, 4)	282.97733 (263, 5)	288.37097 (161, 4)	257.79187 (161, 4)	222.48711 (161, 4)
50.0 /	339.80640 (218, 4)	382.06442 (74, 5)	329.22137 (74, 5)	251.56140 (74, 5)	210.80589 (113, 6)
40.0 /	434.91095 (218, 4)	335.48965 (218, 4)	322.48914 (159, 6)	279.00897 (159, 6)	227.45799 (159, 6)
30.0 /	294.93161 (151, 5)	314.26318 (150, 4)	242.49509 (86, 5)	228.35413 (243, 5)	213.91325 (243, 5)
20.0 /	254.66354 (210, 5)	207.02281 (213, 4)	199.00163C(222, 3)	181.27971C(222, 3)	155.09016C(222, 3)
10.0 /	329.03595C(173, 5)	327.63000 (117, 4)	293.27606 (218, 6)	244.79880 (218, 6)	198.53720 (6, 6)

*** ISCST BY KBN 11/86 *** 1981 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 1100, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 561.01343 AND OCCURRED AT (500.0, 90.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	183.89160 (240, 7)
350.0 /	159.40549 (204, 1)
340.0 /	143.92134 (299, 2)
330.0 /	200.51756 (182, 6)
320.0 /	202.60704 (146, 3)
310.0 /	181.88428 (88, 6)
300.0 /	243.20639 (112, 6)
290.0 /	210.84686 (225, 5)
280.0 /	187.93204 (143, 6)
270.0 /	220.26270 (340, 5)
260.0 /	222.51639 (265, 6)
250.0 /	191.67900 (40, 6)
240.0 /	186.27220 (241, 6)
230.0 /	215.86554C(38, 5)
220.0 /	208.90556 (271, 3)
210.0 /	185.84067 (9, 5)
200.0 /	149.14978 (56, 4)
190.0 /	191.82256 (190, 3)
180.0 /	204.77164 (315, 4)
170.0 /	185.18469 (112, 3)
160.0 /	203.54472 (10, 4)
150.0 /	220.39096 (16, 4)
140.0 /	173.47209 (350, 4)
130.0 /	192.90930 (114, 6)
120.0 /	162.03860 (162, 4)
110.0 /	150.30310 (8, 5)
100.0 /	155.56749C(332, 6)
90.0 /	187.23328 (345, 5)
80.0 /	204.07420 (27, 4)
70.0 /	187.12735 (64, 2)
60.0 /	191.54851 (161, 4)
50.0 /	191.13611 (113, 6)
40.0 /	184.73175 (159, 6)
30.0 /	187.62321 (243, 5)
20.0 /	137.16861 (351, 6)
10.0 /	204.78406 (6, 6)

*** ISCST BY KBN 11/86 *** 1981 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 1100, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 419.57874 AND OCCURRED AT (500.0, 40.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	237.77527 (187, 5)	301.04944 (222, 5)	263.24005 (59, 4)	215.89050 (216, 4)	172.05234 (240, 7)
350.0 /	262.96021 (247, 5)	275.80948 (145, 4)	233.55864 (138, 4)	187.92041 (138, 4)	151.80537C(200, 6)
340.0 /	268.15143 (222, 4)	262.47977 (312, 4)	202.14163 (182, 6)	176.33286 (312, 4)	149.93439 (150, 3)
330.0 /	345.64182 (217, 5)	235.47275 (229, 4)	258.10815 (170, 3)	220.46582 (170, 3)	193.94408 (182, 5)
320.0 /	355.18747 (215, 5)	253.72244 (103, 5)	301.06326 (146, 3)	243.81122 (215, 5)	201.68658 (206, 6)
310.0 /	256.40506C(125, 5)	280.34418 (327, 5)	257.96912 (130, 6)	228.00194 (327, 5)	199.84801 (155, 5)
300.0 /	220.73846 (215, 4)	290.45065 (144, 6)	310.32568 (107, 6)	280.13025 (107, 6)	243.74553 (144, 6)
290.0 /	261.80469 (151, 4)	310.04230 (100, 5)	295.39249 (100, 5)	252.38660C(80, 4)	216.22398C(80, 4)
280.0 /	255.28839 (207, 4)	261.33142 (264, 4)	217.24608 (264, 4)	213.38168 (265, 4)	199.25249 (143, 6)
270.0 /	243.48599 (133, 4)	280.79620 (340, 5)	256.84076 (190, 5)	208.36485 (190, 5)	165.76488 (190, 5)
260.0 /	206.66537 (116, 4)	261.20895 (116, 4)	233.88098 (268, 5)	219.52292 (265, 6)	195.74980 (87, 6)
250.0 /	287.23322 (168, 5)	359.21283 (278, 5)	301.20782 (168, 5)	216.96762 (168, 5)	186.74319 (40, 6)
240.0 /	255.72209 (211, 5)	301.70270 (124, 5)	270.79324 (124, 5)	216.83618 (124, 5)	174.48160 (124, 5)
230.0 /	263.56665 (226, 4)	302.76404 (142, 5)	240.82318 (142, 4)	213.15314C(38, 5)	212.11871 (333, 5)
220.0 /	309.70840 (229, 4)	288.06784 (142, 4)	246.13011 (318, 4)	222.33765 (271, 3)	207.83812 (102, 5)
210.0 /	267.47101 (229, 4)	262.66492 (56, 4)	238.32608 (56, 4)	205.01244 (9, 5)	172.07915 (318, 4)
200.0 /	264.73587 (136, 5)	191.12590 (163, 4)	207.33270 (66, 5)	188.24026 (66, 5)	163.06592 (66, 5)
190.0 /	233.03319 (169, 5)	277.86316 (192, 4)	287.80676 (190, 3)	270.95828 (190, 3)	224.24992 (255, 4)
180.0 /	254.45750C(134, 5)	293.52094 (192, 4)	271.45685 (11, 4)	246.03215 (283, 5)	200.04082 (315, 4)
170.0 /	248.79265 (115, 4)	277.17004 (193, 4)	240.55688 (141, 4)	208.51427 (353, 5)	183.50473 (243, 4)
160.0 /	212.17210 (102, 4)	287.85797 (191, 4)	245.46904 (244, 3)	190.11627 (57, 4)	180.47791 (82, 3)
150.0 /	213.51376 (228, 4)	261.33063 (16, 4)	249.87370 (35, 5)	210.34268 (35, 5)	169.26520 (35, 5)
140.0 /	260.71619 (118, 4)	289.88788C(229, 3)	284.83350C(229, 3)	235.52493 (195, 4)	187.76941 (149, 6)
130.0 /	268.21265 (169, 4)	294.40875 (260, 5)	298.26440 (258, 4)	239.66350 (260, 5)	195.76215C(226, 3)
120.0 /	261.73370 (151, 4)	309.93082 (70, 4)	221.03210 (195, 5)	188.49313 (162, 4)	177.42619 (162, 4)
110.0 /	264.19598 (136, 4)	291.38208 (252, 4)	241.50314 (8, 5)	206.52634 (219, 4)	155.74484 (219, 4)
100.0 /	343.89487 (132, 5)	218.39838C(200, 4)	231.57074 (135, 5)	201.80870 (1, 4)	164.29144 (1, 4)
90.0 /	347.12762 (132, 5)	350.72211 (177, 4)	245.76213 (323, 5)	215.12057 (323, 5)	181.78099 (194, 3)
80.0 /	366.44135 (132, 4)	303.37775 (177, 4)	272.52460 (197, 4)	196.93584 (197, 4)	167.03831 (120, 6)
70.0 /	215.01993 (132, 4)	256.87085 (139, 4)	229.18707 (320, 4)	187.55389 (320, 4)	150.29051 (199, 4)
60.0 /	254.13635 (125, 4)	264.99817 (161, 4)	237.16025 (323, 4)	206.04388 (323, 4)	171.38774 (91, 3)
50.0 /	326.18768 (113, 5)	322.40268 (144, 4)	289.38492C(105, 3)	247.62566C(105, 3)	206.29778C(105, 3)
40.0 /	419.57874 (113, 5)	328.50470 (118, 5)	304.06586 (157, 3)	250.02078 (157, 3)	199.67596 (157, 3)
30.0 /	290.32635 (218, 4)	265.61130 (113, 4)	227.38928C(222, 3)	200.68878C(222, 3)	168.79054C(222, 3)
20.0 /	246.25183 (120, 4)	199.38239 (117, 4)	176.91849C(153, 3)	167.12968 (351, 6)	152.43890 (351, 6)
10.0 /	237.58037 (117, 4)	285.06116 (155, 4)	257.18640 (155, 4)	201.78021 (155, 4)	196.64606 (218, 6)

*** ISCST BY KBN 11/86 *** 1981 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 1100, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 419.57874 AND OCCURRED AT (500.0, 40.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	172.62225 (299, 7)
350.0 /	144.23643 (63, 4)
340.0 /	139.11351 (20, 5)
330.0 /	182.59613 (182, 5)
320.0 /	174.43863 (206, 6)
310.0 /	179.40996 (155, 5)
300.0 /	216.96185 (107, 6)
290.0 /	182.17133C(80, 4)
280.0 /	179.83739 (265, 4)
270.0 /	151.47778C(340, 6)
260.0 /	198.63483 (87, 6)
250.0 /	177.69382 (333, 5)
240.0 /	170.35706 (239, 6)
230.0 /	187.67816 (333, 5)
220.0 /	203.29796 (364, 8)
210.0 /	151.72049 (318, 4)
200.0 /	143.63217 (284, 3)
190.0 /	184.54535 (255, 4)
180.0 /	187.44543 (128, 2)
170.0 /	181.74516 (233, 1)
160.0 /	183.64737 (82, 3)
150.0 /	155.22610 (344, 6)
140.0 /	163.61533 (261, 3)
130.0 /	190.03551C(226, 3)
120.0 /	160.95586 (195, 6)
110.0 /	139.17001 (33, 4)
100.0 /	154.00284 (135, 5)
90.0 /	157.88429 (194, 3)
80.0 /	154.19518 (120, 6)
70.0 /	152.24631 (23, 2)
60.0 /	154.65016 (91, 3)
50.0 /	184.70636C(143, 3)
40.0 /	163.64230 (19, 5)
30.0 /	154.85480 (201, 3)
20.0 /	133.47278 (335, 8)
10.0 /	180.65121 (95, 3)

*** ISCST BY KBN 11/86 *** 1981 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 814.37097 AND OCCURRED AT (500.0, 80.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	376.76340C(173, 5)	473.71213 (216, 4)	455.03467 (216, 4)	415.52185 (59, 4)	398.22003 (59, 4)
350.0 /	352.09238 (247, 5)	522.50305 (99, 4)	483.16782 (138, 4)	462.10681 (138, 4)	418.43994 (138, 4)
340.0 /	411.43869 (175, 4)	527.89758 (175, 4)	401.01001 (312, 4)	370.34653 (312, 4)	331.38480 (312, 4)
330.0 /	645.65167 (175, 4)	638.67249 (175, 4)	436.87009 (182, 6)	434.43784 (182, 6)	403.31805 (182, 6)
320.0 /	555.69403 (175, 4)	813.04517 (215, 5)	748.01611 (215, 5)	654.86053 (215, 5)	545.69727 (215, 5)
310.0 /	372.33722 (215, 4)	434.88965 (130, 6)	489.78851 (138, 6)	497.41260 (138, 6)	480.17065 (138, 6)
300.0 /	323.95154 (133, 5)	493.53598 (107, 6)	580.44604 (107, 6)	594.76758 (107, 6)	578.08398 (107, 6)
290.0 /	472.37411 (133, 5)	525.03894 (133, 5)	570.01929 (100, 5)	553.62738 (100, 5)	506.04477 (100, 5)
280.0 /	354.32468 (133, 5)	435.88205 (137, 4)	475.30087 (137, 4)	463.43369 (137, 4)	428.89963 (137, 4)
270.0 /	311.03107 (174, 5)	479.76901 (116, 4)	466.58807 (137, 5)	443.76263 (340, 5)	428.50391 (340, 5)
260.0 /	333.46527 (226, 4)	485.12180 (168, 5)	437.53833 (122, 5)	417.44257 (246, 5)	379.66724 (246, 5)
250.0 /	475.39948 (226, 4)	618.97211 (168, 5)	632.84912 (168, 5)	567.30310 (168, 5)	479.31952 (168, 5)
240.0 /	477.20984 (226, 4)	495.40353 (244, 4)	505.68112 (124, 5)	480.16830 (124, 5)	442.46933 (241, 6)
230.0 /	436.38254 (142, 4)	548.70764 (142, 4)	485.85809 (142, 5)	464.39380 (333, 5)	444.19800 (333, 5)
220.0 /	546.70605 (142, 4)	536.11829 (142, 4)	476.35999 (102, 5)	418.07800 (102, 5)	376.36493 (318, 4)
210.0 /	576.94897 (142, 4)	433.40021 (142, 4)	361.71542 (56, 4)	346.87167 (141, 6)	321.26642 (141, 6)
200.0 /	526.15717 (142, 4)	352.67749 (142, 4)	341.51453 (255, 4)	313.03894 (255, 4)	279.56903 (255, 4)
190.0 /	385.76877 (283, 5)	540.95959 (283, 5)	482.03040 (283, 5)	426.85632 (227, 3)	387.79855 (227, 3)
180.0 /	415.43732 (191, 4)	620.61285 (283, 5)	597.77869 (283, 5)	527.16455 (283, 5)	454.24579 (283, 5)
170.0 /	515.93811 (191, 4)	552.31146 (191, 4)	478.55695 (193, 4)	418.60773 (193, 4)	394.23322 (353, 5)
160.0 /	378.12128 (191, 4)	494.52570 (57, 4)	483.24377 (57, 4)	430.10907 (57, 4)	371.01776 (57, 4)
150.0 /	424.60944 (109, 4)	462.81760 (195, 4)	509.23666 (16, 4)	491.20667 (16, 4)	447.83603 (16, 4)
140.0 /	502.51404 (195, 4)	753.63055 (195, 4)	687.06238 (195, 4)	576.58008 (195, 4)	476.04620 (195, 4)
130.0 /	583.48376 (118, 4)	566.98517 (189, 4)	507.13403 (149, 6)	470.80682 (149, 6)	419.27063 (149, 6)
120.0 /	481.72458 (136, 4)	542.31256 (195, 5)	499.73093 (195, 5)	464.38266 (195, 6)	422.53537 (195, 6)
110.0 /	492.87805 (136, 4)	622.86536 (219, 4)	582.42999 (219, 4)	494.52618 (219, 4)	412.23688 (219, 4)
100.0 /	543.63000 (132, 5)	477.55356 (219, 4)	436.29639 (135, 5)	439.11072 (135, 5)	412.84723 (135, 5)
90.0 /	808.53149 (177, 4)	673.74121 (177, 4)	611.11957 (345, 5)	570.30316 (345, 5)	513.50037 (345, 5)
80.0 /	814.37097 (177, 4)	702.50183 (177, 4)	619.92303 (197, 4)	519.34741 (197, 4)	425.84760 (197, 4)
70.0 /	503.21631 (177, 4)	550.91003 (199, 4)	504.59277 (199, 4)	437.92221 (199, 4)	372.91025 (199, 4)
60.0 /	334.92969 (263, 4)	411.48715 (199, 4)	443.44092 (161, 4)	467.92645 (161, 4)	456.51633 (161, 4)
50.0 /	403.96356 (263, 4)	516.58112 (144, 4)	530.42810 (131, 4)	508.39438 (131, 4)	450.70944 (131, 4)
40.0 /	558.60669 (218, 4)	657.53833 (218, 4)	598.83582 (157, 3)	591.38263 (157, 3)	549.34137 (157, 3)
30.0 /	505.68237 (218, 4)	612.38593 (113, 5)	459.52670 (150, 4)	410.55164 (86, 5)	384.08484 (86, 5)
20.0 /	318.40274 (187, 5)	404.23541 (151, 5)	368.24615C(222, 3)	363.86252C(222, 3)	326.50488C(222, 3)
10.0 /	382.78952C(173, 5)	503.25232 (117, 4)	474.13513 (117, 4)	443.84467 (218, 6)	420.73141 (218, 6)

*** ISCST BY KBN 11/86 *** 1981 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 814.37097 AND OCCURRED AT (500.0, 80.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	372.08038 (59, 4)
350.0 /	367.41150 (138, 4)
340.0 /	290.30359 (312, 4)
330.0 /	372.45367 (182, 6)
320.0 /	445.62762 (215, 5)
310.0 /	450.26459 (138, 6)
300.0 /	543.97894 (107, 6)
290.0 /	451.28308 (225, 5)
280.0 /	381.91370 (137, 4)
270.0 /	402.89539 (340, 5)
260.0 /	339.23132 (253, 6)
250.0 /	407.60361 (278, 5)
240.0 /	401.68201 (241, 6)
230.0 /	412.77121 (333, 5)
220.0 /	366.02063 (364, 8)
210.0 /	291.54092 (141, 6)
200.0 /	263.71021 (303, 7)
190.0 /	351.91895 (227, 3)
180.0 /	389.02191 (283, 5)
170.0 /	365.84103 (353, 5)
160.0 /	316.59778 (57, 4)
150.0 /	405.83124 (16, 4)
140.0 /	393.86865 (195, 4)
130.0 /	376.58981 (114, 6)
120.0 /	378.44702 (195, 6)
110.0 /	343.91956 (219, 4)
100.0 /	377.88794 (135, 5)
90.0 /	456.16156 (345, 5)
80.0 /	401.80566 (27, 4)
70.0 /	315.38232 (148, 3)
60.0 /	429.79486 (161, 4)
50.0 /	396.53375 (113, 6)
40.0 /	493.42792 (157, 3)
30.0 /	345.72092 (86, 5)
20.0 /	284.13248C(222, 3)
10.0 /	406.53369 (6, 6)

*** ISCST BY KBN 11/86 *** 1981 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 666.13123 AND OCCURRED AT (900.0, 80.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	321.45706 (187, 5)	425.26404 (222, 5)	431.32983 (222, 5)	398.02374 (216, 4)	348.88544 (222, 5)
350.0 /	350.85333 (222, 4)	468.11200 (145, 4)	473.35144 (99, 4)	411.28839 (99, 4)	359.71204 (63, 4)
340.0 /	333.81180 (178, 4)	395.24939 (312, 4)	389.69250 (175, 4)	297.48480 (101, 5)	263.47827 (101, 5)
330.0 /	431.15268 (217, 5)	453.17474 (217, 5)	401.55774 (170, 3)	382.47076 (170, 3)	356.42929 (170, 3)
320.0 /	465.46945 (215, 5)	537.56360 (175, 4)	448.95456 (206, 6)	450.48370 (206, 6)	432.69855 (206, 6)
310.0 /	327.09698C(125, 5)	421.08673 (215, 5)	473.06516 (130, 6)	461.03967 (155, 5)	453.99411 (155, 5)
300.0 /	315.49249 (143, 5)	479.99811 (143, 5)	559.46460 (144, 6)	541.06665 (144, 6)	504.52130 (144, 6)
290.0 /	329.19058 (151, 4)	507.56561 (100, 5)	514.56488 (225, 5)	502.80237 (225, 5)	480.18976 (225, 5)
280.0 /	327.85480 (133, 4)	429.70529 (264, 4)	452.85934 (264, 4)	410.51709 (264, 4)	356.02155 (264, 4)
270.0 /	289.40445 (133, 4)	474.69080 (137, 5)	457.65546 (116, 4)	424.80768 (180, 5)	389.39142 (190, 5)
260.0 /	314.11603 (168, 5)	409.33423 (122, 5)	435.02728 (168, 5)	407.47751 (122, 5)	355.66821 (122, 5)
250.0 /	333.13971 (184, 5)	530.48535 (278, 5)	558.52673 (278, 5)	522.04602 (278, 5)	466.87231 (278, 5)
240.0 /	313.26334 (145, 5)	492.37228 (271, 4)	492.23044 (241, 6)	478.52100 (241, 6)	430.31506 (124, 5)
230.0 /	347.57605 (229, 4)	525.96802 (142, 5)	461.58945 (333, 5)	406.26035 (142, 5)	337.01993 (303, 3)
220.0 /	378.94788 (229, 4)	508.19019 (102, 5)	425.87128 (318, 4)	411.42404 (318, 4)	367.83960 (102, 5)
210.0 /	336.45416 (209, 5)	358.39252 (56, 4)	360.19345 (141, 6)	328.86621 (56, 4)	294.33249 (56, 4)
200.0 /	349.11642 (169, 5)	328.50253 (255, 4)	279.90607 (190, 3)	273.85049 (66, 5)	260.77765 (66, 5)
190.0 /	381.38379 (142, 4)	518.77112 (192, 4)	465.72540 (192, 4)	412.50266 (255, 4)	381.37079 (255, 4)
180.0 /	384.34326 (166, 4)	522.53467 (166, 4)	453.22192 (166, 4)	368.11499 (11, 4)	345.53912 (17, 5)
170.0 /	389.12241 (102, 4)	495.80234 (193, 4)	411.20190 (353, 5)	414.49667 (353, 5)	357.76434 (193, 4)
160.0 /	333.74716 (102, 4)	469.63849 (289, 4)	431.37079 (289, 4)	381.82260 (52, 4)	342.31909 (52, 4)
150.0 /	388.57135 (165, 4)	437.78979 (289, 4)	409.59189 (35, 5)	390.30914 (35, 5)	358.26447 (35, 5)
140.0 /	438.91571 (165, 4)	469.10913 (193, 5)	479.94760 (115, 3)	457.41376 (115, 3)	417.17535 (115, 3)
130.0 /	426.06049 (169, 4)	513.12146 (118, 4)	503.14722 (189, 4)	435.20288 (52, 6)	399.34106 (52, 6)
120.0 /	439.56723 (118, 4)	525.25745 (70, 4)	491.65952 (195, 6)	420.55560 (195, 5)	364.82089 (162, 4)
110.0 /	423.20615 (257, 5)	528.81226 (252, 4)	461.96924 (252, 4)	411.62244 (195, 3)	372.70349 (195, 3)
100.0 /	473.76685 (177, 4)	379.90118 (121, 5)	391.80096 (219, 4)	329.53229 (55, 4)	323.57812 (55, 4)
90.0 /	564.15820 (132, 5)	562.46722 (345, 5)	441.02783 (159, 4)	428.25964 (159, 4)	393.91766 (159, 4)
80.0 /	511.63574 (132, 4)	666.13123 (197, 4)	447.45599 (210, 4)	442.86688 (27, 4)	423.54895 (27, 4)
70.0 /	411.69086 (132, 4)	454.07886 (205, 5)	455.83652 (139, 4)	405.14325 (139, 4)	352.86102 (148, 3)
60.0 /	326.54834 (125, 4)	407.32507 (201, 4)	414.53540 (201, 4)	405.49753 (323, 4)	379.03796 (323, 4)
50.0 /	378.12338 (113, 5)	504.75388 (263, 4)	520.05157 (74, 5)	491.10800 (74, 5)	442.65997 (74, 5)
40.0 /	545.32056 (113, 5)	611.14197 (113, 5)	497.64752 (159, 6)	482.03513 (159, 6)	445.95477 (159, 6)
30.0 /	488.96783 (113, 5)	604.12408 (218, 4)	457.90021 (113, 5)	392.49768 (150, 4)	322.29666 (150, 4)
20.0 /	316.33670 (210, 5)	364.82764 (187, 5)	314.60504 (59, 5)	302.21558 (59, 5)	281.77655 (351, 5)
10.0 /	311.33643 (187, 5)	469.15533C(173, 5)	448.46649 (218, 6)	414.73578 (155, 4)	403.04843 (146, 4)

*** ISCST BY KBN 11/86 *** 1981 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 666.13123 AND OCCURRED AT (900.0, 80.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	300.75186 (222, 5)
350.0 /	343.71527 (63, 4)
340.0 /	253.27721 (299, 2)
330.0 /	348.45355 (182, 5)
320.0 /	405.57370 (206, 6)
310.0 /	435.55786 (155, 5)
300.0 /	496.99121 (112, 6)
290.0 /	447.22385 (100, 5)
280.0 /	320.48267 (265, 4)
270.0 /	353.60117 (190, 5)
260.0 /	331.29263 (246, 5)
250.0 /	397.26495 (168, 5)
240.0 /	375.99216 (124, 5)
230.0 /	350.97543 (303, 3)
220.0 /	361.72003 (44, 8)
210.0 /	279.81421 (9, 5)
200.0 /	247.95132 (255, 4)
190.0 /	346.92294 (255, 4)
180.0 /	325.60297 (17, 5)
170.0 /	321.40079 (339, 4)
160.0 /	300.22101 (52, 4)
150.0 /	323.42285 (35, 5)
140.0 /	372.82922 (115, 3)
130.0 /	366.97604 (149, 6)
120.0 /	348.41028 (162, 4)
110.0 /	330.29004 (195, 3)
100.0 /	307.66437 (55, 4)
90.0 /	354.81744 (159, 4)
80.0 /	349.28320 (197, 4)
70.0 /	313.90567 (199, 4)
60.0 /	346.14697 (323, 4)
50.0 /	389.52768 (74, 5)
40.0 /	409.52426 (159, 6)
30.0 /	291.98471 (201, 3)
20.0 /	265.62479 (351, 5)
10.0 /	388.65302 (218, 6)

ISCSTK6 MODEL, A VERSION OF
ISCST (VERSION 86170)
AN AIR QUALITY DISPERSION MODEL IN
SECTION 1. GUIDELINE MODELS.
IN UNAMAP (VERSION 6) JULY 1986.
SOURCE: FILE 6 ON UNAMAP MAGNETIC TAPE FROM NTIS.

CONVERTED BY :
KBN ENGINEERING AND APPLIED SCIENCES, INC.
GAINESVILLE, FLORIDA
(904)375-8000

CARD INPUT FILE IS	GPAAQS3H.182
SUMMARY OUTPUT FILE IS	GPAAQS3H.O82
METEOROLOGICAL FILE IS	C:\AIRPROG\JAXPRE82.BIN
TITLE OF RUN IS	1982 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87

*** ISCST BY KBN 11/86 *** 1982 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

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) = 2
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) = 0
PRINT 'N'-DAY TABLE(S) (YES=1,NO=0)	ISW(15) = 0
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) = 0
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 = 12
NUMBER OF SOURCE GROUPS (=0,ALL SOURCES)	NGROUP = 3
TIME PERIOD INTERVAL TO BE PRINTED (=0,ALL INTERVALS)	IPERD = 0
NUMBER OF X (RANGE) GRID VALUES	NXPNTS = 6
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 = 6.10 METERS
LOGICAL UNIT NUMBER OF METEOROLOGICAL DATA	IMET = 9
DECAY COEFFICIENT FOR PHYSICAL OR CHEMICAL DEPLETION	DECAY =0.000000E+00
SURFACE STATION NO.	ISS = 13889
YEAR OF SURFACE DATA	ISY = 82
UPPER AIR STATION NO.	IUS = 13861
YEAR OF UPPER AIR DATA	IUY = 82
ALLOCATED DATA STORAGE	LIMIT = 20000 WORDS
REQUIRED DATA STORAGE FOR THIS PROBLEM RUN	MIMIT = 6294 WORDS

*** ISCST BY KBN 11/86 *** 1982 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

*** 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
```

*** NUMBER OF SOURCE NUMBERS REQUIRED TO DEFINE SOURCE GROUPS ***
(NSOGRP)

1, 4, 3,

*** SOURCE NUMBERS DEFINING SOURCE GROUPS ***
(IDSOR)

103, 103, 1100, 9991, 9992, 103, 800, -9994,

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

1.50, 3.10, 5.10, 8.20, 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 CATEGORY	WIND SPEED CATEGORY 1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

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

500.0, 900.0, 1300.0, 1700.0, 2100.0, 2500.0,

*** 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,

*** SOURCE DATA ***

SOURCE NUMBER	TYPE	WAKE	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)
103	0	0	0	0.15120E+03	0.0	0.0	0.0	65.00	561.00	13.50	0.98	0.00	0.00	0.00
400	0	0	0	-.15100E+02	-15.0	30.0	0.0	76.20	367.00	8.80	3.66	0.00	0.00	0.00
500	0	0	0	-.86000E+01	-43.0	7.0	0.0	40.50	372.00	7.28	3.41	0.00	0.00	0.00
800	0	0	0	0.37700E+02	-165.0	14.0	0.0	76.20	474.00	13.93	4.02	0.00	0.00	0.00
1000	0	0	0	0.88800E+02	-88.0	64.0	0.0	76.20	450.00	15.39	3.66	0.00	0.00	0.00
1100	0	0	0	0.40500E+02	-192.0	58.0	0.0	70.10	489.00	22.20	3.66	0.00	0.00	0.00
1200	0	0	0	0.45200E+02	-78.0	110.0	0.0	37.00	474.00	14.54	1.22	0.00	0.00	0.00
1300	0	0	0	0.34740E+03	-87.0	88.0	0.0	70.70	501.00	17.15	2.74	0.00	0.00	0.00
9990	0	0	0	0.20110E+03	9100.0	-5700.0	0.0	22.30	458.00	31.70	3.14	0.00	0.00	0.00
9991	0	0	0	0.20110E+03	9100.0	-5700.0	0.0	22.30	458.00	31.70	3.14	0.00	0.00	0.00
9992	0	0	0	0.16360E+04	4600.0	5800.0	0.0	205.00	326.00	8.40	15.52	0.00	0.00	0.00
9994	0	0	0	0.37080E+03	8650.0	-5700.0	0.0	45.70	408.00	11.90	3.96	0.00	0.00	0.00

* CALM HOURS (=1) FOR DAY	1 *	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	3 *	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	5 *	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
* CALM HOURS (=1) FOR DAY	6 *	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
* CALM HOURS (=1) FOR DAY	7 *	1	1	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	12 *	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	13 *	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	15 *	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	16 *	0	1	0	1	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	17 *	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	18 *	1	1	1	1	1	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	1
* CALM HOURS (=1) FOR DAY	19 *	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	20 *	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	21 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
* CALM HOURS (=1) FOR DAY	22 *	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	23 *	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	1
* CALM HOURS (=1) FOR DAY	25 *	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	28 *	0	0	0	1	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	1	1	1	1
* CALM HOURS (=1) FOR DAY	29 *	1	1	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	30 *	0	0	1	1	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	34 *	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	35 *	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
* CALM HOURS (=1) FOR DAY	36 *	1	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	37 *	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	38 *	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	39 *	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	41 *	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	42 *	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	43 *	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	44 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	
* CALM HOURS (=1) FOR DAY	45 *	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
* CALM HOURS (=1) FOR DAY	46 *	1	0	0	1	1	1	0	0	1	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	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	50 *	0	0	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	51 *	1	0	0	1	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	53 *	0	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	54 *	1	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1			
* CALM HOURS (=1) FOR DAY	61 *	0	0	0	1	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	62 *	1	1	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1			
* CALM HOURS (=1) FOR DAY	63 *	1	0	1	0	1	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0			
* CALM HOURS (=1) FOR DAY	64 *	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	65 *	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	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	1	0	1	0			
* CALM HOURS (=1) FOR DAY	68 *	0	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	69 *	1	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	70 *	1	1	1	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	71 *	1	0	1	0	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1			
* CALM HOURS (=1) FOR DAY	72 *	1	1	0	1	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	73 *	1	1	1	1	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	74 *	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1			
* CALM HOURS (=1) FOR DAY	75 *	1	1	0	1	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	76 *	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0		
* CALM HOURS (=1) FOR DAY	77 *	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	78 *	0	0	0	0	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0			
* CALM HOURS (=1) FOR DAY	81 *	0	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	82 *	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0			
* CALM HOURS (=1) FOR DAY	83 *	0	1	1	0	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	84 *	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	85 *	0	0	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	89 *	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	90 *	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1			
* CALM HOURS (=1) FOR DAY	91 *	1	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	92 *	0	0	0	0	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0			
* CALM HOURS (=1) FOR DAY	94 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1			
* CALM HOURS (=1) FOR DAY	95 *	1	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	97 *	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	98 *	1	1	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	99 *	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1			
* CALM HOURS (=1) FOR DAY	100 *	1	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	101 *	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	102 *	1	0	1	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1			
* CALM HOURS (=1) FOR DAY	103 *	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1		
* CALM HOURS (=1) FOR DAY	104 *	0	1	1	1	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	105 *	1	1	1	1	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	106 *	1	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0			
* CALM HOURS (=1) FOR DAY	107 *	0	1	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	108 *	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1		
* CALM HOURS (=1) FOR DAY	109 *	0	1	1	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	110 *	1	1	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0		
* CALM HOURS (=1) FOR DAY	111 *	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1		
* CALM HOURS (=1) FOR DAY	112 *	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	116 *	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	117 *	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 *	0	0	1	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	122 *	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0			
* CALM HOURS (=1) FOR DAY	123 *	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1			
* CALM HOURS (=1) FOR DAY	124 *	1	1	1	1	1	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1			
* CALM HOURS (=1) FOR DAY	125 *	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1			
* CALM HOURS (=1) FOR DAY	126 *	1	1	1	1	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	127 *	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0			
* CALM HOURS (=1) FOR DAY	128 *	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	129 *	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1			

```
* CALM HOURS (=1) FOR DAY 130 *  1  0  0  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1
* CALM HOURS (=1) FOR DAY 131 *  1  1  1  1  1  1  1  0  0  0  0  1  0  0  0  0  0  0  0  0  0  1  1  0
* CALM HOURS (=1) FOR DAY 132 *  0  1  0  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 133 *  1  1  1  1  1  1  0  1  1  0  0  0  0  0  0  0  0  0  0  0  1  1  1  0
* CALM HOURS (=1) FOR DAY 134 *  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 135 *  0  1  1  1  1  1  1  0  0  0  0  0  0  0  1  0  0  0  0  0  1  1  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  1
* CALM HOURS (=1) FOR DAY 137 *  1  0  0  1  1  1  1  1  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 138 *  0  0  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 139 *  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 140 *  1  1  1  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  1
* CALM HOURS (=1) FOR DAY 141 *  1  0  0  1  1  1  1  0  0  1  0  0  0  0  0  0  0  0  0  0  0  1  0  1
* CALM HOURS (=1) FOR DAY 142 *  1  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 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 *  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 145 *  1  1  1  1  0  0  0  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 146 *  1  1  1  0  1  1  1  0  1  0  1  0  0  0  0  0  0  0  0  0  0  0  1  1
* CALM HOURS (=1) FOR DAY 147 *  1  1  1  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 148 *  1  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 149 *  0  0  1  1  1  0  0  0  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 150 *  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 151 *  1  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 154 *  0  1  0  1  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 155 *  0  0  0  0  1  0  0  0  0  0  0  1  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  1
* CALM HOURS (=1) FOR DAY 157 *  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 158 *  1  1  1  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  1
* CALM HOURS (=1) FOR DAY 159 *  1  1  1  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 160 *  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 162 *  0  0  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 163 *  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 164 *  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  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  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 167 *  0  0  1  1  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 169 *  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 171 *  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 174 *  0  1  1  1  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 175 *  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 176 *  0  0  0  1  0  0  0  0  0  0  1  0  0  0  0  0  0  0  0  1  0  0  1  1
* CALM HOURS (=1) FOR DAY 177 *  0  0  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 178 *  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 179 *  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 181 *  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 183 *  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 184 *  1  1  0  1  1  0  1  0  1  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 186 *  0  0  0  0  1  1  0  0  0  0  0  0  0  1  1  1  0  0  0  0  0  0  0  1
* CALM HOURS (=1) FOR DAY 187 *  0  0  1  1  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  1  0
* CALM HOURS (=1) FOR DAY 188 *  0  1  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  1
* CALM HOURS (=1) FOR DAY 189 *  1  1  1  1  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  1  1
* CALM HOURS (=1) FOR DAY 190 *  1  1  1  1  1  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 191 *  1  0  1  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  1  1  0
* CALM HOURS (=1) FOR DAY 192 *  1  1  1  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0  1
* CALM HOURS (=1) FOR DAY 193 *  1  0  1  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  1  0  0
* CALM HOURS (=1) FOR DAY 194 *  1  1  1  1  1  1  1  0  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  1
* CALM HOURS (=1) FOR DAY 195 *  1  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 196 *  1  1  1  1  1  1  1  1  0  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 197 *  1  0  1  1  1  1  1  0  0  0  0  0  1  0  0  0  0  0  0  0  1  1  1  1
* CALM HOURS (=1) FOR DAY 198 *  1  1  1  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  1  1  1  1  0  0
* CALM HOURS (=1) FOR DAY 199 *  1  1  1  1  1  1  1  1  0  0  0  0  0  0  1  0  0  0  0  1  1  1  1  1
```

* CALM HOURS (=1) FOR DAY 200 *	0	1	1	1	1	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1
* CALM HOURS (=1) FOR DAY 201 *	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 202 *	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 203 *	0	0	0	1	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 204 *	0	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 205 *	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
* CALM HOURS (=1) FOR DAY 206 *	1	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 207 *	1	1	1	0	0	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	0	1	1	1	1	1	1	1	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0
* CALM HOURS (=1) FOR DAY 209 *	0	1	1	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	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 213 *	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 214 *	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 215 *	0	1	1	1	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 216 *	1	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
* CALM HOURS (=1) FOR DAY 217 *	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 218 *	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1
* CALM HOURS (=1) FOR DAY 219 *	0	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 220 *	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 221 *	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 222 *	0	1	1	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	1
* CALM HOURS (=1) FOR DAY 223 *	1	1	1	1	0	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	
* CALM HOURS (=1) FOR DAY 224 *	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 225 *	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 226 *	0	1	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 227 *	0	0	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 228 *	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 229 *	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 230 *	0	0	1	1	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1
* CALM HOURS (=1) FOR DAY 231 *	1	0	1	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 232 *	1	0	1	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 233 *	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 234 *	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
* CALM HOURS (=1) FOR DAY 235 *	0	1	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 236 *	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 237 *	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 238 *	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY 239 *	1	1	1	1	1	0	1	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	1	0
* CALM HOURS (=1) FOR DAY 240 *	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
* CALM HOURS (=1) FOR DAY 241 *	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 243 *	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
* CALM HOURS (=1) FOR DAY 244 *	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
* CALM HOURS (=1) FOR DAY 245 *	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
* CALM HOURS (=1) FOR DAY 246 *	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 247 *	0	0	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 248 *	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 249 *	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 250 *	0	1	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 251 *	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 252 *	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0
* CALM HOURS (=1) FOR DAY 253 *	0	0	1	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 254 *	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	
* CALM HOURS (=1) FOR DAY 255 *	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
* CALM HOURS (=1) FOR DAY 256 *	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
* CALM HOURS (=1) FOR DAY 257 *	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1
* CALM HOURS (=1) FOR DAY 258 *	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
* CALM HOURS (=1) FOR DAY 259 *	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0
* CALM HOURS (=1) FOR DAY 260 *	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
* CALM HOURS (=1) FOR DAY 261 *	1	1	1	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 262 *	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0

* CALM HOURS (=1) FOR DAY 263 * 1 0 1 1 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0
* CALM HOURS (=1) FOR DAY 264 * 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 265 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 1
CALM HOURS (=1) FOR DAY 266 * 0 1 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 1 1 1
* CALM HOURS (=1) FOR DAY 267 * 1 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
CALM HOURS (=1) FOR DAY 268 * 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
CALM HOURS (=1) FOR DAY 269 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1
* CALM HOURS (=1) FOR DAY 270 * 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 1 0 0 1 1
* CALM HOURS (=1) FOR DAY 271 * 1 1 1 1 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 272 * 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 274 * 0 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 275 * 1 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
CALM HOURS (=1) FOR DAY 276 * 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 277 * 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 278 * 1 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 279 * 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 280 * 0 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 0
* CALM HOURS (=1) FOR DAY 281 * 1 1 0 1 1 1 1 1 0 0 1 0 0 0 0 0 0 0 0 1 1 1 1 1
* CALM HOURS (=1) FOR DAY 282 * 1 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 283 * 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 284 * 1 0 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 285 * 0 0 1 1 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 286 * 0 1 1 1 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0
CALM HOURS (=1) FOR DAY 287 * 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 1 0 0 1
* CALM HOURS (=1) FOR DAY 290 * 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 293 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1
CALM HOURS (=1) FOR DAY 294 * 1 1 1 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1
* CALM HOURS (=1) FOR DAY 295 * 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 298 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 0 1 0
CALM HOURS (=1) FOR DAY 299 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 300 * 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 302 * 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 303 * 1 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 1
* CALM HOURS (=1) FOR DAY 304 * 0 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0
* CALM HOURS (=1) FOR DAY 305 * 0 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 306 * 1 1 1 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 307 * 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 309 * 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 310 * 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 313 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 0
* CALM HOURS (=1) FOR DAY 314 * 1 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 315 * 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1
CALM HOURS (=1) FOR DAY 316 * 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
* CALM HOURS (=1) FOR DAY 317 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 0 1 0
* CALM HOURS (=1) FOR DAY 318 * 0 0 0 1 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 319 * 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 325 * 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
* CALM HOURS (=1) FOR DAY 326 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
CALM HOURS (=1) FOR DAY 327 * 1 1 0 1 1 1 0 1 0 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0
CALM HOURS (=1) FOR DAY 328 * 0 0 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0
* CALM HOURS (=1) FOR DAY 330 * 0 0 0 0 0 0 1 0 0 0 0 1 0 0 1 0 0 0 0 0 0 0 0 1
* CALM HOURS (=1) FOR DAY 331 * 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 332 * 1 1 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 333 * 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 334 * 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 335 * 0 0 0 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 336 * 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 337 * 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 338 * 0 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0

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* CALM HOURS (=1) FOR DAY 340 *  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 344 *  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 345 *  0  1  1  1  1  1  1  1  1  1  1  0  1  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 349 *  1  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 352 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  1  1  1
* CALM HOURS (=1) FOR DAY 353 *  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 355 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  1  1  1  1
* CALM HOURS (=1) FOR DAY 356 *  1  1  1  1  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  1  0  1  1  1
* CALM HOURS (=1) FOR DAY 357 *  1  1  0  1  0  1  1  1  1  0  0  0  0  0  0  0  0  0  0  1  1  1  1  0
* CALM HOURS (=1) FOR DAY 358 *  1  1  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 359 *  0  0  0  0  0  0  1  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  1  1  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 361 *  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 362 *  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 363 *  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
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*** ISCST BY KBN 11/86 *** 1982 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 516.96820 AND OCCURRED AT (500.0, 230.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	265.84048 (107, 5)	285.21271 (334, 5)	228.86662 (334, 4)	190.15454 (334, 4)	167.85155 (3, 3)
350.0 /	273.99463 (134, 4)	249.85660 (334, 5)	251.10284 (334, 4)	224.29272 (334, 4)	184.64989 (334, 4)
340.0 /	292.27881 (134, 4)	226.69127 (220, 4)	197.72385 (307, 5)	158.57217 (307, 5)	140.55527 (12, 4)
330.0 /	256.10526 (134, 5)	326.22351 (281, 5)	254.81561 (281, 5)	200.14621 (133, 4)	165.26344 (332, 7)
320.0 /	325.65472 (102, 5)	345.66183 (281, 5)	281.07718 (229, 5)	236.29326 (70, 4)	221.49297 (254, 6)
310.0 /	386.67221 (220, 5)	311.81970 (106, 5)	313.48175 (106, 5)	252.92722 (106, 5)	218.04675 (101, 6)
300.0 /	357.86780 (132, 4)	320.11880 (279, 5)	316.10568 (155, 6)	258.02789 (155, 6)	202.39250 (155, 6)
290.0 /	327.64050 (141, 5)	291.92187 (261, 4)	229.39532 (187, 5)	226.29387 (244, 6)	214.24667 (244, 6)
280.0 /	343.07422 (141, 5)	303.87387 (39, 5)	271.61954 (147, 6)	244.04758 (147, 6)	209.95605 (147, 6)
270.0 /	283.03320C(187, 4)	287.38071 (215, 6)	266.20978 (267, 4)	219.69299 (267, 4)	173.87766 (267, 4)
260.0 /	382.52963C(187, 4)	431.55243 (245, 5)	351.56201 (215, 6)	269.77756 (122, 4)	207.58704 (122, 4)
250.0 /	358.52142C(187, 4)	281.71216 (157, 6)	224.06369 (157, 6)	175.90410 (279, 4)	164.77066 (291, 5)
240.0 /	372.08533 (162, 4)	365.74619 (259, 4)	293.92310 (259, 4)	260.97375 (352, 5)	221.42479 (352, 5)
230.0 /	516.96820 (109, 5)	258.09827 (32, 4)	263.14105 (32, 4)	212.58313 (32, 4)	184.71985 (331, 2)
220.0 /	503.76147 (109, 5)	274.94250 (292, 4)	273.72754 (314, 4)	222.49243 (129, 4)	188.75571 (119, 5)
210.0 /	273.26556 (109, 5)	356.32971 (292, 4)	309.67365 (292, 4)	235.67621 (292, 4)	178.44475 (292, 4)
200.0 /	229.26964 (223, 4)	303.16626 (49, 4)	293.15765 (49, 4)	254.66605 (49, 4)	219.60205 (49, 4)
190.0 /	252.24449C(194, 4)	254.17570C(82, 5)	202.75174 (67, 4)	174.61029 (296, 6)	191.34453 (59, 4)
180.0 /	233.99895 (240, 4)	371.86218 (299, 4)	312.78381 (299, 4)	233.51920 (299, 4)	174.71141 (299, 4)
170.0 /	248.42917 (240, 4)	237.66765 (112, 5)	205.81213 (62, 4)	190.87708 (62, 4)	184.47661 (8, 8)
160.0 /	247.50308 (158, 5)	266.76923C(207, 5)	221.73340 (157, 3)	167.63565 (157, 3)	132.64688 (268, 7)
150.0 /	247.96568 (206, 5)	388.02890 (157, 3)	359.43002 (157, 3)	277.77914 (157, 3)	210.98430 (157, 3)
140.0 /	328.53003 (215, 4)	358.93759 (207, 4)	277.69571 (207, 4)	198.96269 (207, 4)	188.35387 (346, 4)
130.0 /	439.71201 (112, 4)	516.58276 (104, 5)	388.84082 (104, 5)	268.55548 (104, 5)	190.20721 (104, 5)
120.0 /	433.83264 (112, 4)	287.31393 (104, 5)	249.37883 (76, 4)	187.17947 (76, 4)	174.54010 (4, 6)
110.0 /	350.87897 (165, 4)	292.06085 (160, 6)	242.40195 (50, 4)	227.66724 (50, 4)	205.33269 (50, 4)
100.0 /	329.60498 (165, 4)	334.20450 (165, 5)	245.00375 (254, 4)	198.58456 (254, 4)	162.15356 (15, 4)
90.0 /	289.65204 (236, 5)	284.05176 (328, 4)	280.08765 (328, 4)	230.10045 (328, 4)	182.59067 (328, 4)
80.0 /	330.30804 (212, 5)	312.85400 (192, 4)	261.41528 (160, 3)	206.39261 (160, 3)	177.27702 (209, 4)
70.0 /	307.54138 (212, 5)	405.34369 (170, 4)	300.20871 (170, 4)	226.54094 (21, 4)	192.81104 (96, 1)
60.0 /	319.93082 (159, 4)	349.50803 (74, 5)	289.91180 (74, 5)	256.89352 (150, 4)	221.41470 (150, 4)
50.0 /	364.49463 (159, 4)	334.95587 (110, 5)	264.76343 (181, 6)	240.99713 (181, 6)	229.18243 (199, 4)
40.0 /	292.26431 (159, 4)	353.98007 (171, 5)	352.73468 (116, 5)	299.21820 (116, 5)	240.68858 (116, 5)
30.0 /	313.34070 (191, 4)	291.20715 (167, 5)	363.97400 (152, 6)	355.47754 (152, 6)	307.90259 (152, 6)
20.0 /	434.28149 (191, 4)	317.72009 (201, 5)	276.91345 (104, 6)	246.28058 (104, 6)	203.20276 (104, 6)
10.0 /	378.15219 (191, 4)	272.52524 (212, 3)	286.97855 (212, 3)	257.67722 (212, 3)	221.88707 (212, 3)

*** ISCST BY KBN 11/86 *** 1982 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 516.96820 AND OCCURRED AT (500.0, 230.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	182.88928 (3, 3)
350.0 /	152.66092 (332, 8)
340.0 /	126.61017 (349, 6)
330.0 /	169.92404 (332, 7)
320.0 /	203.21994 (254, 6)
310.0 /	194.80142 (101, 6)
300.0 /	185.86076 (114, 5)
290.0 /	196.42729 (244, 6)
280.0 /	179.67160 (147, 6)
270.0 /	144.40160 (158, 6)
260.0 /	200.07419 (277, 6)
250.0 /	167.26643 (291, 5)
240.0 /	202.75876 (143, 4)
230.0 /	218.63467 (331, 2)
220.0 /	185.33080 (321, 6)
210.0 /	170.03830 (33, 2)
200.0 /	190.57825 (49, 4)
190.0 /	197.22455 (59, 4)
180.0 /	150.44934 (176, 6)
170.0 /	202.28351 (8, 8)
160.0 /	143.66917 (268, 7)
150.0 /	162.82146 (157, 3)
140.0 /	182.40491 (346, 4)
130.0 /	179.21989C(130, 3)
120.0 /	181.69925 (4, 6)
110.0 /	183.52490 (50, 4)
100.0 /	144.85027 (191, 6)
90.0 /	163.85710 (287, 3)
80.0 /	155.59689 (209, 4)
70.0 /	202.88889 (96, 1)
60.0 /	191.47128 (173, 5)
50.0 /	215.18138 (199, 4)
40.0 /	193.11258 (116, 5)
30.0 /	258.03619 (152, 6)
20.0 /	165.40332 (104, 6)
10.0 /	190.04741 (212, 3)

*** ISCST BY KBN 11/86 *** 1982 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 400.54395 AND OCCURRED AT (900.0, 260.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	245.94713 (91, 4)	223.16016 (219, 4)	219.86142 (334, 5)	169.43141 (172, 6)	154.23227 (172, 6)
350.0 /	256.19992C(111, 4)	219.49991 (134, 4)	213.15536 (334, 5)	161.03682 (334, 5)	158.29742 (339, 5)
340.0 /	244.95969 (194, 5)	198.05612 (307, 5)	192.42859 (220, 4)	146.56265 (126, 6)	137.20097C(146, 3)
330.0 /	231.33997 (149, 4)	280.27826 (133, 4)	254.62378 (133, 4)	179.63939 (281, 5)	154.69942 (133, 4)
320.0 /	243.41815 (149, 4)	297.99316 (229, 5)	273.18060 (281, 5)	233.66039 (254, 6)	212.91124 (70, 4)
310.0 /	340.65094 (102, 5)	279.93884 (188, 3)	291.01590 (220, 6)	244.86937 (220, 6)	200.61974 (102, 6)
300.0 /	315.42676 (220, 5)	318.29724 (261, 4)	302.15247 (279, 5)	237.14035 (279, 5)	189.32159 (114, 5)
290.0 /	246.58018 (175, 4)	290.00165 (137, 5)	220.48547 (244, 6)	178.38005C(100, 3)	185.45238C(100, 3)
280.0 /	250.48080C(137, 4)	254.18918 (262, 5)	234.30486 (39, 5)	178.90910 (196, 5)	160.41362 (123, 6)
270.0 /	187.27483 (141, 5)	278.33456 (67, 5)	245.25287 (303, 4)	191.54344 (303, 4)	161.05557 (158, 6)
260.0 /	247.08513 (130, 5)	400.54395 (215, 6)	344.79318 (122, 4)	267.16977 (215, 6)	201.75639 (215, 6)
250.0 /	244.52997 (162, 4)	271.21487 (245, 5)	220.28886 (279, 4)	166.11049 (217, 6)	153.15942 (249, 6)
240.0 /	333.01898 (109, 5)	310.88843 (255, 5)	278.01251 (352, 5)	222.23444 (143, 4)	220.04312 (143, 4)
230.0 /	387.45981 (162, 4)	238.94829 (97, 4)	207.28941C(222, 5)	165.17090 (295, 5)	170.52794 (120, 3)
220.0 /	317.98666 (158, 4)	266.03284 (314, 4)	264.28033 (129, 4)	221.81706 (314, 4)	183.55522 (321, 6)
210.0 /	254.27245 (238, 5)	239.63681 (61, 4)	235.16833 (61, 4)	187.79807 (61, 4)	161.30362 (325, 7)
200.0 /	223.74997C(194, 4)	218.33688 (299, 5)	222.44052 (299, 5)	180.34087 (299, 5)	173.39523 (251, 5)
190.0 /	234.17369 (166, 4)	205.43045 (299, 4)	193.98126 (86, 3)	166.99377 (59, 4)	183.99545 (296, 6)
180.0 /	196.84532 (166, 4)	303.50214C(82, 5)	220.04558 (1, 4)	177.67032 (1, 4)	149.97760C(216, 3)
170.0 /	213.96684 (184, 4)	203.21469 (283, 4)	190.58871 (112, 5)	162.92542 (315, 3)	164.82372 (62, 4)
160.0 /	227.00464 (184, 4)	247.71359 (157, 3)	199.67734 (283, 4)	148.45802 (283, 4)	130.43907 (94, 4)
150.0 /	244.91226C(238, 4)	370.54541 (283, 5)	327.07306 (283, 5)	250.60783 (283, 5)	190.61188 (283, 5)
140.0 /	264.67773 (226, 5)	320.36713 (104, 5)	240.05487 (104, 5)	180.68774 (346, 4)	178.96550 (44, 3)
130.0 /	328.56317 (215, 4)	312.72546 (1, 5)	281.67923 (1, 5)	214.93181 (1, 5)	184.06772C(130, 3)
120.0 /	304.55087 (247, 4)	284.13788 (76, 4)	203.92461 (104, 5)	160.08705 (25, 4)	153.25276 (25, 4)
110.0 /	245.50217 (112, 4)	281.30252 (185, 3)	236.48405 (156, 6)	225.88168 (156, 6)	198.55273 (156, 6)
100.0 /	271.87216 (186, 4)	257.62503 (254, 4)	225.55801 (165, 5)	195.72580 (15, 4)	156.30096 (254, 4)
90.0 /	283.86395 (200, 4)	229.99565 (180, 4)	227.53757 (74, 4)	204.97783 (74, 4)	170.48972 (74, 4)
80.0 /	324.63284 (236, 5)	285.51816 (160, 3)	226.67339 (192, 4)	197.26335 (209, 4)	160.00470 (160, 3)
70.0 /	299.77274 (159, 4)	277.89740 (202, 4)	275.84253 (21, 4)	211.33456 (170, 4)	178.81232 (21, 4)
60.0 /	248.61601 (212, 5)	304.07278 (20, 5)	284.77136 (180, 6)	254.16501 (180, 6)	209.40881 (180, 6)
50.0 /	238.67815 (225, 5)	302.23056 (161, 5)	260.83447 (232, 4)	226.84605 (199, 4)	208.59821 (353, 6)
40.0 /	239.36670 (178, 4)	330.64041 (167, 4)	285.80585 (181, 6)	236.56696 (181, 6)	187.09659 (181, 6)
30.0 /	260.60852 (167, 5)	288.70566 (210, 5)	227.21643 (104, 6)	205.80338 (19, 4)	209.01170 (19, 4)
20.0 /	319.08643 (172, 4)	290.00012 (127, 5)	258.99634 (201, 5)	221.76256 (152, 6)	182.49573 (152, 6)
10.0 /	277.69299 (107, 5)	261.25092 (195, 3)	232.80962 (64, 4)	206.53142 (64, 4)	177.62207C(111, 3)

*** ISCST BY KBN 11/86 *** 1982 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 400.54395 AND OCCURRED AT (900.0, 260.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	146.60466 (173, 2)
350.0 /	151.59987 (339, 5)
340.0 /	126.57298 (12, 4)
330.0 /	147.67285 (64, 6)
320.0 /	185.58218 (70, 4)
310.0 /	168.24976 (102, 6)
300.0 /	159.57494 (155, 6)
290.0 /	174.97820C(100, 3)
280.0 /	165.23978 (278, 5)
270.0 /	140.73419C(193, 7)
260.0 /	192.71635 (331, 7)
250.0 /	150.51633 (249, 6)
240.0 /	183.31433 (352, 5)
230.0 /	179.30991 (36, 4)
220.0 /	181.42819 (119, 5)
210.0 /	169.81555 (325, 7)
200.0 /	158.48260 (251, 5)
190.0 /	189.12723 (272, 3)
180.0 /	133.88919 (297, 4)
170.0 /	147.24686 (340, 5)
160.0 /	117.95830 (169, 4)
150.0 /	147.76654 (283, 5)
140.0 /	174.22313 (44, 3)
130.0 /	171.05193 (66, 7)
120.0 /	162.24088 (24, 2)
110.0 /	178.36389 (151, 5)
100.0 /	142.41310 (328, 4)
90.0 /	151.34825 (128, 6)
80.0 /	141.83449 (37, 6)
70.0 /	161.05890C(131, 3)
60.0 /	186.58429 (150, 4)
50.0 /	207.91232 (353, 6)
40.0 /	155.23013 (78, 4)
30.0 /	204.01640 (19, 4)
20.0 /	147.66040 (152, 6)
10.0 /	162.95520C(111, 3)

*** ISCST BY KBN 11/86 *** 1982 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 1100, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 598.67944 AND OCCURRED AT (500.0, 230.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	265.84311 (107, 5)	285.44199 (334, 5)	230.06767 (334, 4)	193.10977 (334, 4)	167.87642 (3, 3)
350.0 /	278.32837 (134, 4)	250.52798 (334, 5)	252.19821 (334, 4)	226.22044 (334, 4)	187.42778 (334, 4)
340.0 /	296.64661 (134, 4)	245.75436 (229, 4)	219.19965 (229, 4)	164.66240 (229, 4)	140.55527 (12, 4)
330.0 /	257.78589 (134, 5)	326.53485 (281, 5)	256.67496 (133, 4)	206.11603 (133, 4)	167.92007 (133, 4)
320.0 /	329.07016 (102, 5)	345.95847 (281, 5)	282.97565 (229, 5)	239.80463 (70, 4)	224.07811 (254, 6)
310.0 /	391.56052 (220, 5)	316.57031 (106, 5)	320.29187 (106, 5)	262.97095 (106, 5)	226.70004 (101, 6)
300.0 /	369.67514 (132, 4)	334.04431 (279, 5)	330.35843 (155, 6)	273.79047 (155, 6)	220.99597 (114, 5)
290.0 /	332.30713 (141, 5)	306.06046 (261, 4)	234.30206 (261, 4)	228.54794 (244, 6)	218.04800 (244, 6)
280.0 /	347.50876 (141, 5)	304.09650 (39, 5)	272.65613 (147, 6)	247.07111 (147, 6)	215.15762 (147, 6)
270.0 /	283.67468C(187, 4)	287.42169 (215, 6)	267.03577 (267, 4)	227.67992 (38, 5)	208.79254 (38, 5)
260.0 /	383.05966C(187, 4)	431.74756 (245, 5)	352.94162 (215, 6)	275.00427 (122, 4)	215.27429 (122, 4)
250.0 /	358.94775C(187, 4)	281.81339 (157, 6)	226.04068 (157, 6)	208.09439 (245, 4)	202.54765 (245, 4)
240.0 /	422.77045 (162, 4)	367.56989 (259, 4)	298.07864 (259, 4)	261.56360 (352, 5)	222.62198 (352, 5)
230.0 /	598.67944 (109, 5)	313.51135 (32, 4)	323.58881 (32, 4)	278.06104 (32, 4)	235.55157 (32, 4)
220.0 /	582.15558 (109, 5)	384.81552 (292, 4)	361.87814 (129, 4)	318.20569 (129, 4)	273.71313 (129, 4)
210.0 /	348.37415 (109, 5)	482.70615 (292, 4)	436.37671 (292, 4)	362.61932 (292, 4)	305.06903 (292, 4)
200.0 /	250.29301 (223, 4)	304.31607 (49, 4)	296.64154 (49, 4)	260.74478 (49, 4)	227.72191 (49, 4)
190.0 /	253.90170C(194, 4)	254.72031C(82, 5)	210.83311 (67, 4)	175.67133 (67, 4)	191.67517 (59, 4)
180.0 /	234.04224 (240, 4)	372.34326 (299, 4)	315.73413 (299, 4)	239.32568 (299, 4)	182.63626 (299, 4)
170.0 /	248.45612 (240, 4)	240.67264 (112, 5)	217.11320 (292, 3)	192.04507 (62, 4)	184.60825 (8, 8)
160.0 /	247.73265 (158, 5)	268.80756C(207, 5)	224.34526 (157, 3)	172.34427 (157, 3)	134.09062 (94, 4)
150.0 /	250.79752 (206, 5)	388.55859 (157, 3)	361.71936 (157, 3)	282.35123 (157, 3)	217.67052 (157, 3)
140.0 /	378.12543 (215, 4)	361.59302 (207, 4)	284.36914 (207, 4)	208.47600 (207, 4)	190.05498 (346, 4)
130.0 /	445.32941 (112, 4)	518.75684 (104, 5)	394.56458 (104, 5)	277.32977 (104, 5)	234.32658 (162, 3)
120.0 /	439.23297 (112, 4)	288.63339 (104, 5)	251.81126 (76, 4)	191.50702 (76, 4)	174.54010 (4, 6)
110.0 /	356.28317 (165, 4)	295.34137 (160, 6)	244.63603 (50, 4)	231.55583 (50, 4)	210.58751 (50, 4)
100.0 /	335.06387 (165, 4)	339.07538 (165, 5)	248.31090 (254, 4)	233.64861 (162, 3)	201.22006 (162, 3)
90.0 /	294.18192 (236, 5)	285.02881 (328, 4)	282.77362 (328, 4)	234.37674 (328, 4)	187.99359 (328, 4)
80.0 /	331.91061 (212, 5)	314.81516 (192, 4)	264.44339 (160, 3)	211.04639 (160, 3)	179.36270 (209, 4)
70.0 /	309.97202 (212, 5)	409.24045 (170, 4)	309.19583 (170, 4)	230.60428 (21, 4)	193.13870 (96, 1)
60.0 /	322.17401 (159, 4)	352.07040 (74, 5)	296.93756 (74, 5)	260.17914 (150, 4)	225.59172 (150, 4)
50.0 /	366.53146 (159, 4)	336.88437 (110, 5)	265.05234 (181, 6)	241.67407 (181, 6)	229.25186 (199, 4)
40.0 /	294.14111 (159, 4)	357.45337 (171, 5)	354.50555 (116, 5)	303.04669 (116, 5)	246.35446 (116, 5)
30.0 /	313.40802 (191, 4)	292.87781 (167, 5)	364.17572 (152, 6)	355.93561 (152, 6)	308.78809 (152, 6)
20.0 /	434.45721 (191, 4)	318.81561 (201, 5)	277.51971 (104, 6)	247.52068 (104, 6)	205.29803 (104, 6)
10.0 /	378.32971 (191, 4)	272.78149 (212, 3)	288.96936 (212, 3)	261.38818 (212, 3)	226.50401 (212, 3)

*** ISCST BY KBN 11/86 *** 1982 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 1100, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 598.67944 AND OCCURRED AT (500.0, 230.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	182.94193 (3, 3)
350.0 /	153.48901 (334, 4)
340.0 /	141.08502 (259, 4)
330.0 /	170.32219 (332, 7)
320.0 /	207.15787 (254, 6)
310.0 /	204.17212 (101, 6)
300.0 /	217.57361 (114, 5)
290.0 /	201.56042 (244, 6)
280.0 /	186.59848 (147, 6)
270.0 /	189.45773 (38, 5)
260.0 /	202.77936 (357, 4)
250.0 /	191.09540 (245, 4)
240.0 /	202.79617 (143, 4)
230.0 /	218.82060 (331, 2)
220.0 /	237.58859 (129, 4)
210.0 /	263.31232 (292, 4)
200.0 /	200.03384 (49, 4)
190.0 /	202.81723 (272, 3)
180.0 /	155.99321 (176, 6)
170.0 /	202.48752 (8, 8)
160.0 /	143.93661 (268, 7)
150.0 /	170.95230 (157, 3)
140.0 /	185.05022 (346, 4)
130.0 /	189.89819 (162, 3)
120.0 /	181.69925 (4, 6)
110.0 /	189.65448 (50, 4)
100.0 /	153.64975 (162, 3)
90.0 /	163.93564 (287, 3)
80.0 /	158.55576 (209, 4)
70.0 /	203.39383 (96, 1)
60.0 /	194.69901 (173, 5)
50.0 /	215.30698 (199, 4)
40.0 /	200.07550 (116, 5)
30.0 /	259.50824 (152, 6)
20.0 /	168.37726 (104, 6)
10.0 /	194.83472 (212, 3)

*** ISCST BY KBN 11/86 *** 1982 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 1100, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 435.65012 AND OCCURRED AT (500.0, 230.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	247.85733 (261, 4)	229.62242 (219, 4)	222.59097 (334, 5)	171.31084 (172, 6)	157.50409 (172, 6)
350.0 /	256.19992C(111, 4)	224.55656 (134, 4)	218.11426 (334, 5)	168.82718 (334, 5)	159.25157 (339, 5)
340.0 /	247.91118 (194, 5)	227.28049 (220, 4)	199.92320 (307, 5)	162.71054 (307, 5)	139.65921 (126, 6)
330.0 /	231.67801 (149, 4)	280.51666 (133, 4)	256.19769 (281, 5)	182.72427 (281, 5)	165.49626 (332, 7)
320.0 /	243.71367 (149, 4)	298.74982 (229, 5)	276.06711 (281, 5)	234.95844 (254, 6)	218.02232 (70, 4)
310.0 /	343.90442 (102, 5)	289.14526 (220, 5)	297.67218 (220, 6)	259.28372 (102, 6)	223.43468 (102, 6)
300.0 /	320.04742 (220, 5)	331.54382 (261, 4)	317.41852 (279, 5)	255.40970 (279, 5)	219.99194 (155, 6)
290.0 /	247.96916 (175, 4)	294.37601 (137, 5)	232.29454 (187, 5)	188.07500 (231, 5)	185.45238C(100, 3)
280.0 /	250.92770C(137, 4)	276.05768 (69, 4)	240.14569 (69, 4)	209.58141 (38, 5)	186.76372 (38, 5)
270.0 /	191.49516 (141, 5)	278.38947 (67, 5)	247.63243 (38, 5)	222.33733 (267, 4)	179.21185 (267, 4)
260.0 /	249.36972 (130, 5)	400.56711 (215, 6)	347.04791 (122, 4)	271.01520 (215, 6)	208.23265 (215, 6)
250.0 /	297.63220 (162, 4)	271.29626 (245, 5)	221.29874 (279, 4)	205.59555 (45, 4)	188.38876 (45, 4)
240.0 /	417.99994 (109, 5)	325.33496 (227, 4)	278.23804 (352, 5)	222.23930 (143, 4)	220.05931 (143, 4)
230.0 /	435.65012 (162, 4)	309.93759 (109, 5)	252.30986 (257, 4)	214.22345 (257, 4)	187.34827 (245, 4)
220.0 /	386.65857 (158, 4)	348.90976 (314, 4)	355.24500 (314, 4)	302.81760 (314, 4)	253.67142 (314, 4)
210.0 /	279.96991 (292, 4)	324.32471 (61, 4)	321.43283 (314, 4)	282.31238 (314, 4)	245.03136 (314, 4)
200.0 /	234.76440 (238, 5)	218.94482 (299, 5)	224.35278 (299, 5)	184.33665 (299, 5)	173.86118 (251, 5)
190.0 /	234.48570 (166, 4)	207.07053 (101, 5)	194.08606 (86, 3)	174.83942 (296, 6)	191.03000 (272, 3)
180.0 /	197.08549 (166, 4)	303.83313C(82, 5)	223.49835 (1, 4)	182.65771 (1, 4)	150.65311 (62, 4)
170.0 /	218.66876 (184, 4)	207.59656 (292, 3)	206.39661 (62, 4)	180.47787 (292, 3)	166.45419 (62, 4)
160.0 /	230.88837 (184, 4)	248.39902 (157, 3)	201.59921 (283, 4)	151.79970 (283, 4)	132.81920 (268, 7)
150.0 /	247.38528 (205, 5)	371.62659 (283, 5)	331.18964 (283, 5)	257.82141 (283, 5)	199.95560 (283, 5)
140.0 /	268.67044 (226, 5)	322.09515 (104, 5)	244.38818 (104, 5)	182.04997 (104, 4)	180.52971 (44, 3)
130.0 /	377.95026 (215, 4)	313.35901 (1, 5)	283.91180 (1, 5)	265.83939 (162, 3)	200.78893 (104, 5)
120.0 /	306.33569 (247, 4)	284.93597 (76, 4)	207.25256 (104, 5)	160.40550 (25, 4)	153.67270 (25, 4)
110.0 /	249.05872 (112, 4)	284.28540 (185, 3)	241.64679 (160, 6)	230.90994 (156, 6)	203.50562 (156, 6)
100.0 /	272.98172 (186, 4)	259.08322 (254, 4)	234.72751 (165, 5)	203.16800 (254, 4)	164.34972 (15, 4)
90.0 /	284.62335 (200, 4)	234.43707 (165, 4)	229.09070 (74, 4)	207.61978 (74, 4)	185.27763 (162, 3)
80.0 /	329.82642 (236, 5)	292.95609 (212, 5)	231.02831 (192, 4)	198.49670 (209, 4)	165.71985 (160, 3)
70.0 /	302.04279 (159, 4)	278.96750 (202, 4)	277.84457 (21, 4)	223.33807 (170, 4)	184.83641 (21, 4)
60.0 /	251.64934 (212, 5)	304.84485 (20, 5)	285.33145 (180, 6)	255.43102 (180, 6)	211.63504 (180, 6)
50.0 /	238.69742 (225, 5)	304.87451 (161, 5)	263.97357 (232, 4)	227.05728 (232, 4)	209.21342 (353, 6)
40.0 /	239.38431 (178, 4)	331.54660 (167, 4)	287.47131 (181, 6)	240.38530 (181, 6)	193.14453 (181, 6)
30.0 /	260.61133 (167, 5)	290.75189 (210, 5)	227.97946 (104, 6)	207.68773 (19, 4)	212.09282 (19, 4)
20.0 /	319.10284 (172, 4)	291.60410 (127, 5)	263.84402 (201, 5)	223.01407 (152, 6)	184.72446 (152, 6)
10.0 /	277.69339 (107, 5)	261.52835 (195, 3)	233.19292 (64, 4)	207.45030 (64, 4)	177.62207C(111, 3)

*** ISCST BY KBN 11/86 *** 1982 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 1100, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 435.65012 AND OCCURRED AT (500.0, 230.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	146.77536 (173, 2)
350.0 /	153.34821 (339, 5)
340.0 /	128.01833 (219, 3)
330.0 /	150.38501 (338, 4)
320.0 /	192.09641 (70, 4)
310.0 /	192.46729 (102, 6)
300.0 /	178.58507 (155, 6)
290.0 /	174.97820C(100, 3)
280.0 /	165.42615 (278, 5)
270.0 /	147.43799 (158, 6)
260.0 /	200.67007 (277, 6)
250.0 /	168.95850 (45, 4)
240.0 /	185.29019 (352, 5)
230.0 /	203.25298 (32, 4)
220.0 /	232.42075 (119, 5)
210.0 /	216.35918 (314, 4)
200.0 /	159.30396 (251, 5)
190.0 /	197.81570 (59, 4)
180.0 /	142.88309 (299, 4)
170.0 /	147.32825 (340, 5)
160.0 /	119.22500 (169, 4)
150.0 /	158.14755 (283, 5)
140.0 /	176.64043 (44, 3)
130.0 /	179.59308C(130, 3)
120.0 /	162.87018 (24, 2)
110.0 /	178.86723 (151, 5)
100.0 /	146.34442 (328, 4)
90.0 /	151.67091 (128, 6)
80.0 /	145.27551 (37, 6)
70.0 /	161.54272C(131, 3)
60.0 /	191.15961 (150, 4)
50.0 /	209.02234 (353, 6)
40.0 /	171.30327 (292, 4)
30.0 /	208.05339 (19, 4)
20.0 /	160.49277 (109, 5)
10.0 /	162.95520C(111, 3)

*** ISCST BY KBN 11/86 *** 1982 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 797.53632 AND OCCURRED AT (500.0, 230.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	369.53561 (107, 5)	435.71017 (334, 5)	447.52878 (334, 5)	409.32965 (334, 5)	353.16119 (334, 5)
350.0 /	341.85278 (134, 4)	437.32870 (334, 5)	446.74667 (334, 5)	398.72937 (334, 5)	349.57568 (334, 4)
340.0 /	393.51526 (134, 4)	412.00146 (220, 4)	421.78537 (220, 4)	373.41705 (220, 4)	320.78323 (220, 4)
330.0 /	371.62054 (134, 5)	521.59241 (134, 5)	487.75278 (134, 5)	402.59332 (133, 4)	374.81866 (219, 3)
320.0 /	445.41211 (102, 5)	581.24426 (102, 5)	530.30164 (229, 5)	502.80930 (229, 5)	456.66107 (229, 5)
310.0 /	576.37567 (220, 5)	712.96527 (220, 5)	570.20361 (102, 6)	561.63409 (102, 6)	535.14301 (102, 6)
300.0 /	494.28098 (132, 4)	550.93225 (279, 5)	606.64307 (279, 5)	589.68256 (279, 5)	542.84326 (279, 5)
290.0 /	472.85275 (141, 5)	526.69275 (141, 5)	469.67786 (137, 5)	440.02255 (244, 6)	446.68945 (244, 6)
280.0 /	410.33762 (141, 5)	457.79590 (39, 5)	507.00998 (147, 6)	525.97119 (147, 6)	508.27466 (147, 6)
270.0 /	414.47885C(187, 4)	535.68713 (215, 6)	541.85632 (215, 6)	497.57690 (215, 6)	436.46094 (215, 6)
260.0 /	500.13446C(187, 4)	614.21393 (245, 5)	604.34900 (245, 5)	540.69092 (244, 5)	489.93152 (122, 4)
250.0 /	456.45660 (162, 4)	417.51349 (124, 5)	436.52386 (124, 5)	392.00354 (305, 4)	349.68921 (305, 4)
240.0 /	646.93042 (109, 5)	590.94373 (109, 5)	468.87421 (259, 4)	412.96310 (259, 4)	376.16000 (255, 5)
230.0 /	797.53632 (109, 5)	729.87427 (109, 5)	515.23596 (32, 4)	505.95697 (32, 4)	477.18829 (32, 4)
220.0 /	675.03986 (109, 5)	654.05884 (292, 4)	662.35474 (292, 4)	604.19452 (292, 4)	526.85852 (292, 4)
210.0 /	367.59515 (109, 5)	560.31543 (292, 4)	576.45807 (292, 4)	540.21222 (292, 4)	494.54929 (292, 4)
200.0 /	320.02863C(194, 4)	468.65012 (49, 4)	531.95331 (49, 4)	525.73254 (49, 4)	493.93146 (49, 4)
190.0 /	363.59479 (166, 4)	435.44629 (299, 4)	430.94028 (299, 4)	384.65039 (67, 4)	355.49066 (67, 4)
180.0 /	341.18021 (240, 4)	561.19751 (299, 4)	566.42303 (299, 4)	512.24988 (299, 4)	446.41827 (299, 4)
170.0 /	399.93799 (184, 4)	458.96408 (112, 5)	435.30148 (112, 5)	373.41650 (112, 5)	313.07111 (112, 5)
160.0 /	382.00336 (184, 4)	465.85907C(207, 5)	412.96716C(207, 5)	366.83002 (157, 3)	322.90942 (157, 3)
150.0 /	399.17981 (205, 5)	622.48376 (283, 5)	630.79803 (283, 5)	571.65479 (283, 5)	499.77255 (283, 5)
140.0 /	623.40930 (215, 4)	602.06329 (207, 4)	564.92480 (207, 4)	485.91525 (207, 4)	407.28406 (207, 4)
130.0 /	688.50781 (112, 4)	783.41101 (104, 5)	706.45819 (104, 5)	600.26770 (104, 5)	503.07126 (104, 5)
120.0 /	724.94012 (112, 4)	497.24652 (247, 4)	420.60962 (104, 5)	376.61462 (76, 4)	331.89511 (76, 4)
110.0 /	565.06451 (165, 4)	493.40979 (165, 4)	483.26056 (160, 6)	424.29526 (160, 6)	411.61188 (50, 4)
100.0 /	601.21613 (165, 4)	597.99200 (165, 5)	527.39380 (165, 5)	428.91858 (165, 5)	340.73419 (165, 5)
90.0 /	464.58105 (165, 4)	480.38580 (165, 5)	475.71811 (328, 4)	440.90451 (328, 4)	391.70331 (328, 4)
80.0 /	524.47205 (236, 5)	574.69922 (212, 5)	460.47958 (212, 5)	390.95184 (160, 3)	349.32358 (160, 3)
70.0 /	526.99835 (212, 5)	656.22119 (170, 4)	641.64380 (170, 4)	560.60980 (170, 4)	471.44092 (170, 4)
60.0 /	475.67694 (212, 5)	545.53442 (74, 5)	575.93378 (74, 5)	524.72186 (74, 5)	454.45453 (74, 5)
50.0 /	519.03564 (159, 4)	504.20703 (110, 5)	488.73865 (232, 4)	508.36749 (232, 4)	482.36481 (232, 4)
40.0 /	471.37360 (159, 4)	615.59821 (171, 5)	606.24329 (171, 5)	526.37830 (171, 5)	478.87592 (116, 5)
30.0 /	345.99414 (191, 4)	476.25217 (210, 5)	456.68893 (212, 4)	471.49890 (152, 6)	444.25305 (152, 6)
20.0 /	530.05450 (191, 4)	522.77625 (201, 5)	550.48816 (201, 5)	497.79062 (201, 5)	430.99902 (201, 5)
10.0 /	522.42175 (191, 4)	507.95538 (191, 4)	467.84912 (212, 3)	460.04584 (212, 3)	420.45331 (212, 3)

*** ISCST BY KBN 11/86 *** 1982 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 797.53632 AND OCCURRED AT (500.0, 230.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	341.83466 (362, 3)
350.0 /	319.95148 (334, 4)
340.0 /	299.34613 (126, 6)
330.0 /	348.84335 (219, 3)
320.0 /	422.35864 (254, 6)
310.0 /	500.72632 (102, 6)
300.0 /	484.28003 (279, 5)
290.0 /	434.02905 (244, 6)
280.0 /	473.15219 (147, 6)
270.0 /	372.35043 (215, 6)
260.0 /	437.08957 (122, 4)
250.0 /	318.55786 (245, 4)
240.0 /	335.23502 (255, 5)
230.0 /	439.43613 (32, 4)
220.0 /	456.21677 (314, 4)
210.0 /	448.48840 (292, 4)
200.0 /	453.74921 (49, 4)
190.0 /	346.17700 (59, 4)
180.0 /	383.52563 (299, 4)
170.0 /	308.30841 (8, 8)
160.0 /	281.07883 (94, 4)
150.0 /	431.19162 (283, 5)
140.0 /	371.57516 (346, 4)
130.0 /	419.27991 (104, 5)
120.0 /	288.38983 (76, 4)
110.0 /	389.31525 (50, 4)
100.0 /	291.51355 (72, 6)
90.0 /	345.47247 (328, 4)
80.0 /	309.13904 (160, 3)
70.0 /	392.07379 (170, 4)
60.0 /	402.69672 (173, 5)
50.0 /	439.92126 (232, 4)
40.0 /	435.39523 (116, 5)
30.0 /	411.08252 (152, 6)
20.0 /	367.70016 (201, 5)
10.0 /	378.37396 (212, 3)

*** ISCST BY KBN 11/86 *** 1982 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 637.11462 AND OCCURRED AT (500.0, 130.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	345.88995 (261, 4)	383.96912 (172, 5)	374.95026 (334, 4)	361.11169 (334, 4)	342.30942 (172, 6)
350.0 /	339.20566 (194, 5)	418.76901 (134, 4)	395.09967 (334, 4)	379.77817 (334, 4)	341.55927 (334, 5)
340.0 /	350.39679 (194, 5)	404.06378 (134, 4)	335.49896 (307, 5)	327.87311 (126, 6)	319.49432 (126, 6)
330.0 /	309.18970 (134, 4)	475.26706 (281, 5)	439.54755 (281, 5)	402.45074 (134, 5)	361.76648 (133, 4)
320.0 /	327.81744 (220, 5)	531.29181 (281, 5)	522.10175 (281, 5)	476.58786 (281, 5)	431.72357 (254, 6)
310.0 /	458.42883 (132, 4)	567.16260 (91, 5)	558.43396 (220, 5)	538.67682 (106, 5)	501.35461 (106, 5)
300.0 /	398.60974 (220, 5)	550.74133 (132, 4)	582.08075 (155, 6)	559.58563 (155, 6)	520.68506 (155, 6)
290.0 /	302.58075 (184, 4)	461.24304 (137, 5)	443.86642 (187, 5)	435.11472 (187, 5)	397.92221 (187, 5)
280.0 /	293.18512C(137, 4)	422.80719 (69, 4)	458.89706 (39, 5)	430.48138 (69, 4)	380.80408 (69, 4)
270.0 /	262.62506 (130, 5)	461.02460 (67, 5)	482.52048 (303, 4)	453.95898 (303, 4)	409.09991 (303, 4)
260.0 /	292.90759 (130, 5)	521.63501 (244, 5)	572.53040 (244, 5)	539.84729 (245, 5)	483.46545 (244, 5)
250.0 /	425.59088C(187, 4)	415.61597 (162, 4)	415.80536 (305, 4)	386.84967 (124, 5)	337.11285 (109, 6)
240.0 /	557.36157 (162, 4)	491.66760 (227, 4)	456.61838 (227, 4)	410.38440 (255, 5)	358.14209 (259, 4)
230.0 /	527.36285 (162, 4)	447.97833 (32, 4)	453.64951 (109, 5)	425.37680 (257, 4)	388.21429 (257, 4)
220.0 /	469.29880 (158, 4)	627.84192 (109, 5)	562.49780 (314, 4)	542.64075 (314, 4)	503.05954 (314, 4)
210.0 /	355.68329 (238, 5)	398.29343 (61, 4)	424.26730 (61, 4)	397.78326 (61, 4)	368.02277 (61, 4)
200.0 /	301.19913 (166, 4)	331.57938 (299, 5)	379.83798 (299, 5)	368.38586 (299, 5)	339.80441 (299, 5)
190.0 /	318.64618C(194, 4)	418.42590C(82, 5)	395.35971 (67, 4)	384.00299 (299, 4)	334.83755 (59, 4)
180.0 /	267.76007 (166, 4)	432.30246C(82, 5)	394.12427 (1, 4)	353.71808 (62, 4)	313.63239 (62, 4)
170.0 /	332.06458 (240, 4)	397.29535 (283, 4)	366.46844 (283, 4)	309.40500 (283, 4)	286.04855 (8, 8)
160.0 /	361.88287 (158, 5)	442.14209 (215, 5)	406.19061 (157, 3)	341.39008C(207, 5)	298.80356 (94, 4)
150.0 /	398.54907C(238, 4)	595.71136 (157, 3)	603.46265 (157, 3)	549.41223 (157, 3)	487.44427 (157, 3)
140.0 /	519.01990 (226, 5)	504.10181 (215, 4)	427.33063 (104, 5)	361.92014 (96, 5)	365.81235 (346, 4)
130.0 /	637.11462 (215, 4)	535.03857 (207, 4)	485.05307 (207, 4)	434.58057 (1, 5)	385.99231 (1, 5)
120.0 /	513.59924 (247, 4)	492.13971 (104, 5)	416.39392 (76, 4)	341.20990 (104, 5)	286.41455 (56, 4)
110.0 /	480.39862 (112, 4)	492.44446 (160, 6)	469.89569 (182, 6)	420.22217 (50, 4)	376.01385 (51, 5)
100.0 /	397.55637 (165, 5)	499.71753 (165, 4)	382.49664 (254, 4)	349.46542 (254, 4)	319.51550 (15, 4)
90.0 /	422.88998 (236, 5)	449.26776 (165, 4)	455.98163 (180, 4)	430.13696 (180, 4)	379.79669 (180, 4)
80.0 /	450.73987 (212, 5)	478.91064 (236, 5)	421.98959 (160, 3)	351.06100 (212, 5)	316.01007 (180, 3)
70.0 /	420.69370 (159, 4)	507.98218 (212, 5)	468.87579 (235, 4)	442.55258 (202, 4)	406.10950 (21, 4)
60.0 /	465.59393 (159, 4)	496.98230 (170, 4)	468.22009 (20, 5)	438.50583 (20, 5)	403.83466 (173, 5)
50.0 /	330.55573 (212, 5)	488.78375 (161, 5)	470.96594 (110, 5)	433.64221 (213, 4)	391.86926 (213, 4)
40.0 /	312.16547 (144, 5)	534.37360 (110, 5)	565.85107 (178, 5)	518.85364 (178, 5)	456.58969 (181, 6)
30.0 /	312.02875 (136, 4)	463.17139 (167, 5)	450.82565 (152, 6)	394.29565 (212, 4)	392.01059 (19, 4)
20.0 /	401.27063 (172, 4)	494.99976 (127, 5)	453.41809 (127, 5)	405.74237 (152, 6)	372.29535 (152, 6)
10.0 /	396.96942 (172, 4)	418.44284 (195, 3)	439.31577 (195, 3)	401.55011 (195, 3)	359.46152 (174, 5)

*** ISCST BY KBN 11/86 *** 1982 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 637.11462 AND OCCURRED AT (500.0, 130.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	325.94470 (172, 6)
350.0 /	311.25250 (339, 5)
340.0 /	290.96457 (327, 6)
330.0 /	329.29810 (133, 4)
320.0 /	403.80884 (229, 5)
310.0 /	453.97900 (106, 5)
300.0 /	474.15991 (155, 6)
290.0 /	350.97302 (187, 5)
280.0 /	323.25189 (196, 5)
270.0 /	359.85406 (303, 4)
260.0 /	422.03207 (244, 5)
250.0 /	313.97052 (109, 6)
240.0 /	334.76404 (35, 6)
230.0 /	357.17282 (241, 5)
220.0 /	451.42230 (292, 4)
210.0 /	339.95004 (61, 4)
200.0 /	308.82724 (320, 4)
190.0 /	329.13513 (296, 6)
180.0 /	272.91174 (62, 4)
170.0 /	261.89856 (112, 5)
160.0 /	280.02011 (157, 3)
150.0 /	426.89526 (157, 3)
140.0 /	345.06567 (44, 3)
130.0 /	350.64459 (66, 7)
120.0 /	271.20056 (24, 2)
110.0 /	329.68652 (51, 5)
100.0 /	290.24548 (15, 4)
90.0 /	327.16409 (180, 4)
80.0 /	302.06238 (209, 4)
70.0 /	370.56491 (21, 4)
60.0 /	386.78772 (74, 5)
50.0 /	343.74985 (213, 4)
40.0 /	414.76917 (181, 6)
30.0 /	396.50204 (19, 4)
20.0 /	339.85190 (152, 6)
10.0 /	310.91727 (174, 5)

ISCSTK6 MODEL, A VERSION OF
ISCST (VERSION 86170)
AN AIR QUALITY DISPERSION MODEL IN
SECTION 1. GUIDELINE MODELS.
IN UNAMAP (VERSION 6) JULY 1986.
SOURCE: FILE 6 ON UNAMAP MAGNETIC TAPE FROM NTIS.

CONVERTED BY :
KBN ENGINEERING AND APPLIED SCIENCES, INC.
GAINESVILLE, FLORIDA
(904)375-8000

CARD INPUT FILE IS	gpaaqs3h.i83
SUMMARY OUTPUT FILE IS	gpaaqs3h.o83
METEOROLOGICAL FILE IS	c:\iscst\jaxpre83.bin
TITLE OF RUN IS	1983 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87

*** ISCST BY KBN 11/86 *** 1983 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

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) = 2
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) = 0
PRINT 'N'-DAY TABLE(S) (YES=1,NO=0)	ISW(15) = 0
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) = 0
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 = 12
NUMBER OF SOURCE GROUPS (=0,ALL SOURCES)	NGROUP = 3
TIME PERIOD INTERVAL TO BE PRINTED (=0,ALL INTERVALS)	IPERD = 0
NUMBER OF X (RANGE) GRID VALUES	NXPNTS = 6
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 = 6.10 METERS
LOGICAL UNIT NUMBER OF METEOROLOGICAL DATA	IMET = 9
DECAY COEFFICIENT FOR PHYSICAL OR CHEMICAL DEPLETION	DECAY =0.000000E+00
SURFACE STATION NO.	ISS = 13889
YEAR OF SURFACE DATA	ISY = 83
UPPER AIR STATION NO.	IUS = 13861
YEAR OF UPPER AIR DATA	IUY = 83
ALLOCATED DATA STORAGE	LIMIT = 20000 WORDS
REQUIRED DATA STORAGE FOR THIS PROBLEM RUN	MIMIT = 6294 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
```

*** NUMBER OF SOURCE NUMBERS REQUIRED TO DEFINE SOURCE GROUPS ***
(NSOGRP)

1, 4, 3,

*** SOURCE NUMBERS DEFINING SOURCE GROUPS ***
(IDSOR)

103, 103, 1100, 9991, 9992, 103, 800, -9994,

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

1.50, 3.10, 5.10, 8.20, 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

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

500.0, 900.0, 1300.0, 1700.0, 2100.0, 2500.0,

*** 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,

*** SOURCE DATA ***

SOURCE NUMBER	TYPE	WAKE	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)
103	0	0	0	0.15120E+03	0.0	0.0	0.0	65.00	561.00	13.50	0.98	0.00	0.00	0.00
400	0	0	0	-.15100E+02	-15.0	30.0	0.0	76.20	367.00	8.80	3.66	0.00	0.00	0.00
500	0	0	0	-.86000E+01	-43.0	7.0	0.0	40.50	372.00	7.28	3.41	0.00	0.00	0.00
800	0	0	0	0.37700E+02	-165.0	14.0	0.0	76.20	474.00	13.93	4.02	0.00	0.00	0.00
1000	0	0	0	0.88800E+02	-88.0	64.0	0.0	76.20	450.00	15.39	3.66	0.00	0.00	0.00
1100	0	0	0	0.40500E+02	-192.0	58.0	0.0	70.10	489.00	22.20	3.66	0.00	0.00	0.00
1200	0	0	0	0.45200E+02	-78.0	110.0	0.0	37.00	474.00	14.54	1.22	0.00	0.00	0.00
1300	0	0	0	0.34740E+03	-87.0	88.0	0.0	70.70	501.00	17.15	2.74	0.00	0.00	0.00
9990	0	0	0	0.20110E+03	9100.0	-5700.0	0.0	22.30	458.00	31.70	3.14	0.00	0.00	0.00
9991	0	0	0	0.20110E+03	9100.0	-5700.0	0.0	22.30	458.00	31.70	3.14	0.00	0.00	0.00
9992	0	0	0	0.16360E+04	4600.0	5800.0	0.0	205.00	326.00	8.40	15.52	0.00	0.00	0.00
9994	0	0	0	0.37080E+03	8650.0	-5700.0	0.0	45.70	408.00	11.90	3.96	0.00	0.00	0.00

* CALM HOURS (=1) FOR DAY	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	2 *	1	0	1	1	0	0	0	1	1	1	1	1	1	0	0	0	1	0	0	0	0	1	0	0
* CALM HOURS (=1) FOR DAY	3 *	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	6 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0
* CALM HOURS (=1) FOR DAY	7 *	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1
* CALM HOURS (=1) FOR DAY	8 *	1	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	9 *	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	10 *	0	0	0	0	0	0	0	0	0	0	0	1	1	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	0	1	1	1
* CALM HOURS (=1) FOR DAY	14 *	1	1	1	1	1	0	0	0	0	0	1	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	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
* CALM HOURS (=1) FOR DAY	18 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
* 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	0	0	1
* CALM HOURS (=1) FOR DAY	22 *	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	23 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	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	1	1	0	0	0	1
* CALM HOURS (=1) FOR DAY	25 *	0	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1
* CALM HOURS (=1) FOR DAY	26 *	1	1	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	27 *	1	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	28 *	0	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	29 *	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
* CALM HOURS (=1) FOR DAY	30 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1
* CALM HOURS (=1) FOR DAY	31 *	1	0	1	1	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	1	1	
* CALM HOURS (=1) FOR DAY	32 *	1	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	35 *	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	36 *	0	0	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	37 *	0	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	39 *	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	40 *	1	1	1	1	1	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	1	1
* CALM HOURS (=1) FOR DAY	41 *	0	0	0	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	43 *	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	45 *	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	46 *	1	1	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY	47 *	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	48 *	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	49 *	0	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	50 *	1	0	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	51 *	0	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	53 *	0	1	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	62 *	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0
* CALM HOURS (=1) FOR DAY	63 *	1	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	66 *	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	67 *	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	73 *	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	74 *	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	78 *	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	79 *	0	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	81 *	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	82 *	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	85 *	1	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	88 *	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	89 *	1	1	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	91 *	0	0	1	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	94 *	0	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	95 *	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	96 *	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	97 *	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	98 *	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	99 *	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	100 *	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	102 *	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	103 *	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	106 *	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	108 *	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	109 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
* CALM HOURS (=1) FOR DAY	110 *	0	0	0	0	1	1	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0	1	1	1
* CALM HOURS (=1) FOR DAY	111 *	1	1	1	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	1
* CALM HOURS (=1) FOR DAY	112 *	1	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	116 *	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
* CALM HOURS (=1) FOR DAY	117 *	1	1	1	1	1	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	118 *	1	0	1	1	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1
* CALM HOURS (=1) FOR DAY	119 *	1	1	0	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
* CALM HOURS (=1) FOR DAY	120 *	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	121 *	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	122 *	0	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	124 *	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	125 *	0	1	0	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1
* CALM HOURS (=1) FOR DAY	126 *	1	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
* CALM HOURS (=1) FOR DAY	127 *	1	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	128 *	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	129 *	0	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	130 *	1	0	1	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	131 *	1	1	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	132 *	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1
* CALM HOURS (=1) FOR DAY	133 *	1	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	134 *	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	136 *	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	141 *	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	142 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
* CALM HOURS (=1) FOR DAY	143 *	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	144 *	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	145 *	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 146 * 1 1 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1
CALM HOURS (=1) FOR DAY 147 * 1 1 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1
CALM HOURS (=1) FOR DAY 148 * 1 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1
CALM HOURS (=1) FOR DAY 149 * 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 1
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 0
CALM HOURS (=1) FOR DAY 151 * 0 1 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 152 * 0 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 1 0
CALM HOURS (=1) FOR DAY 153 * 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 154 * 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 155 * 0 0 0 1 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 156 * 1 0 1 1 1 1 1 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0
CALM HOURS (=1) FOR DAY 158 * 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 159 * 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 1 0
CALM HOURS (=1) FOR DAY 160 * 0 1 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 161 * 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 164 * 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 165 * 0 1 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 166 * 0 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 1 0
CALM HOURS (=1) FOR DAY 167 * 1 0 0 1 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1
CALM HOURS (=1) FOR DAY 168 * 1 1 1 1 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 169 * 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1
CALM HOURS (=1) FOR DAY 170 * 1 1 1 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1
CALM HOURS (=1) FOR DAY 171 * 1 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 172 * 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 173 * 0 0 0 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 1
CALM HOURS (=1) FOR DAY 174 * 0 0 0 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 175 * 1 0 1 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 176 * 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 177 * 0 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 178 * 1 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 179 * 0 0 0 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 180 * 0 1 1 1 0 0 1 1 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 1
CALM HOURS (=1) FOR DAY 181 * 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 1 0 0 0 0 1 0 1
CALM HOURS (=1) FOR DAY 182 * 0 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0
CALM HOURS (=1) FOR DAY 183 * 0 0 0 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 184 * 0 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 185 * 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 187 * 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 188 * 0 0 0 0 0 1 0 0 0 0 1 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 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 191 * 1 1 1 1 1 1 1 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0
CALM HOURS (=1) FOR DAY 193 * 1 1 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 194 * 0 0 0 0 0 0 0 0 0 0 0 1 0 1 0 0 0 0 0 0 1 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 0
CALM HOURS (=1) FOR DAY 197 * 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 199 * 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 200 * 1 1 1 1 0 0 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0
CALM HOURS (=1) FOR DAY 201 * 1 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 202 * 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0
CALM HOURS (=1) FOR DAY 207 * 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 208 * 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 209 * 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 210 * 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 211 * 0 0 0 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 212 * 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 213 * 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 214 * 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 215 * 0 0 0 1 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1
CALM HOURS (=1) FOR DAY 216 * 0 1 1 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 217 * 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1

CALM HOURS (=1) FOR DAY 218 * 0 1 1 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1
CALM HOURS (=1) FOR DAY 219 * 0 0 0 1 1 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 220 * 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 221 * 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0
CALM HOURS (=1) FOR DAY 222 * 0 1 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 223 * 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 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 227 * 1 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 0
CALM HOURS (=1) FOR DAY 228 * 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1
CALM HOURS (=1) FOR DAY 229 * 1 0 1 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 230 * 0 0 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0
CALM HOURS (=1) FOR DAY 231 * 1 1 0 1 1 1 1 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0
CALM HOURS (=1) FOR DAY 233 * 0 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 234 * 0 0 0 0 1 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0
CALM HOURS (=1) FOR DAY 235 * 0 0 1 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 236 * 1 1 1 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 237 * 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 238 * 0 0 0 1 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 239 * 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 1 1 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 0
CALM HOURS (=1) FOR DAY 241 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 0
CALM HOURS (=1) FOR DAY 242 * 1 0 0 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0
CALM HOURS (=1) FOR DAY 243 * 0 0 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 244 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 1 0 0
CALM HOURS (=1) FOR DAY 245 * 1 0 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0 0 0 1
CALM HOURS (=1) FOR DAY 246 * 1 1 1 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 247 * 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 248 * 1 1 1 1 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 249 * 1 1 1 1 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 250 * 0 1 0 0 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 251 * 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 1 1 1
CALM HOURS (=1) FOR DAY 252 * 1 1 1 0 1 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 253 * 1 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 254 * 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 255 * 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 256 * 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 258 * 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 259 * 0 0 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0
CALM HOURS (=1) FOR DAY 260 * 0 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 1 0 1 0 0 0
CALM HOURS (=1) FOR DAY 261 * 1 1 1 1 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 262 * 1 1 1 1 1 0 0 1 0 0 0 0 0 0 0 0 1 0 0 1 0 1 1 0
CALM HOURS (=1) FOR DAY 263 * 1 1 1 1 1 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1
CALM HOURS (=1) FOR DAY 264 * 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 267 * 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 270 * 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 271 * 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 272 * 0 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 273 * 0 1 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
CALM HOURS (=1) FOR DAY 274 * 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1
CALM HOURS (=1) FOR DAY 275 * 1 1 0 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
CALM HOURS (=1) FOR DAY 276 * 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1
CALM HOURS (=1) FOR DAY 277 * 1 1 1 0 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 1 0 1
CALM HOURS (=1) FOR DAY 278 * 0 1 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 1 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 0 0 0 0 0 1 1 1 1 0
CALM HOURS (=1) FOR DAY 280 * 1 1 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 281 * 1 1 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 283 * 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 284 * 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 285 * 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1
CALM HOURS (=1) FOR DAY 286 * 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 287 *	1	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 288 *	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 291 *	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 292 *	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 295 *	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 296 *	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 297 *	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 298 *	0	0	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 299 *	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
CALM HOURS (=1) FOR DAY 300 *	0	0	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 301 *	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	
* CALM HOURS (=1) FOR DAY 302 *	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	
CALM HOURS (=1) FOR DAY 303 *	1	1	1	0	1	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 306 *	0	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 307 *	0	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0	1	0	1	1	1	1	0	
CALM HOURS (=1) FOR DAY 308 *	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 309 *	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 310 *	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	
* CALM HOURS (=1) FOR DAY 311 *	1	1	1	1	1	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
CALM HOURS (=1) FOR DAY 313 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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	1	1	1	1	1	1	1
* CALM HOURS (=1) FOR DAY 317 *	1	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	
CALM HOURS (=1) FOR DAY 318 *	1	1	1	1	0	1	1	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	
CALM HOURS (=1) FOR DAY 319 *	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
* CALM HOURS (=1) FOR DAY 320 *	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 321 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
CALM HOURS (=1) FOR DAY 322 *	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	
CALM HOURS (=1) FOR DAY 323 *	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	
* CALM HOURS (=1) FOR DAY 324 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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	1	1	1	1	1	1	1	1
CALM HOURS (=1) FOR DAY 326 *	1	1	1	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	0	1	
* CALM HOURS (=1) FOR DAY 327 *	1	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 329 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1
CALM HOURS (=1) FOR DAY 330 *	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1
* CALM HOURS (=1) FOR DAY 331 *	1	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 333 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
CALM HOURS (=1) FOR DAY 334 *	1	0	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	
CALM HOURS (=1) FOR DAY 335 *	1	1	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	
* CALM HOURS (=1) FOR DAY 336 *	1	0	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 339 *	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CALM HOURS (=1) FOR DAY 341 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1
* CALM HOURS (=1) FOR DAY 342 *	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	1	1	1	1	1	0	1	1	
CALM HOURS (=1) FOR DAY 343 *	0	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	
CALM HOURS (=1) FOR DAY 344 *	1	0	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	
* CALM HOURS (=1) FOR DAY 345 *	0	0	1	1	1	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 349 *	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1
CALM HOURS (=1) FOR DAY 350 *	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
CALM HOURS (=1) FOR DAY 356 *	0	0	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	
* CALM HOURS (=1) FOR DAY 357 *	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 360 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
CALM HOURS (=1) FOR DAY 361 *	1	1	1	1	1	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 362 *	0	0	0	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 363 *	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

*** ISCST BY KBN 11/86 *** 1983 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 412.31421 AND OCCURRED AT (900.0, 190.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	284.32819C(231, 5)	326.26959 (247, 4)	287.68246 (247, 4)	220.91515 (238, 4)	177.10826 (238, 4)
350.0 /	260.23822 (235, 5)	266.27844 (179, 4)	255.04089 (331, 5)	234.20880 (170, 4)	199.00946 (170, 4)
340.0 /	256.37714C(194, 4)	298.77936 (120, 4)	219.14226 (263, 4)	200.77487 (141, 3)	216.40958 (345, 4)
330.0 /	251.63560 (255, 4)	370.59192 (121, 4)	327.98752 (121, 4)	250.58983 (121, 4)	190.04996 (121, 4)
320.0 /	282.75909 (184, 5)	277.36707C(303, 4)	235.49615 (151, 6)	240.61185 (277, 6)	241.74023 (277, 6)
310.0 /	255.12262 (183, 5)	347.70740 (322, 5)	390.77817 (322, 5)	339.30438 (322, 5)	277.14069 (322, 5)
300.0 /	267.63013 (177, 4)	352.06567 (145, 6)	344.24585 (145, 6)	274.58099 (145, 6)	213.22826 (145, 6)
290.0 /	302.35312 (177, 4)	368.64624 (243, 5)	273.93100 (243, 5)	207.64880 (212, 5)	175.49895 (213, 4)
280.0 /	255.53296C(234, 4)	289.24609 (50, 5)	291.99289 (261, 5)	252.59210 (171, 4)	217.57365 (171, 4)
270.0 /	251.76474 (132, 4)	299.45737 (94, 5)	303.78278 (94, 5)	246.27289 (94, 5)	218.53656 (75, 2)
260.0 /	259.27118 (185, 5)	312.99487 (253, 5)	268.97742 (171, 5)	213.60141 (171, 5)	169.71696 (52, 1)
250.0 /	281.57727 (167, 4)	330.45270 (215, 4)	327.04880 (132, 3)	284.45599 (132, 3)	232.02765 (132, 3)
240.0 /	312.29840 (217, 4)	263.71796 (217, 4)	239.71953 (227, 5)	198.37663 (227, 5)	171.57541 (160, 5)
230.0 /	315.84216 (116, 5)	331.71103 (300, 5)	281.56177 (300, 5)	211.47189 (300, 5)	208.06491 (284, 5)
220.0 /	285.96118 (116, 5)	349.82065 (8, 5)	288.40833 (8, 5)	207.35239 (8, 5)	209.94531 (290, 7)
210.0 /	254.99573 (251, 5)	310.99487 (259, 4)	291.65863 (258, 5)	250.16025 (258, 5)	214.93069 (288, 6)
200.0 /	292.62817 (147, 4)	298.99899 (166, 5)	219.21756 (289, 3)	209.85068 (289, 3)	189.11987 (289, 3)
190.0 /	356.13031 (109, 4)	412.31421 (166, 4)	320.21265 (166, 4)	259.46262 (334, 5)	229.44577 (257, 8)
180.0 /	376.77466 (109, 4)	369.38168 (325, 4)	321.41879 (325, 4)	235.36766 (325, 4)	198.06512 (360, 6)
170.0 /	327.67392 (109, 4)	401.05832 (325, 4)	364.59604 (325, 4)	275.59753 (325, 4)	205.60973 (325, 4)
160.0 /	266.53979 (239, 4)	302.70319 (360, 5)	253.95557C(307, 4)	188.34042C(307, 4)	159.39232 (229, 3)
150.0 /	225.45018 (192, 4)	324.19958 (333, 5)	346.44696 (173, 4)	314.96603 (173, 4)	266.23322 (173, 4)
140.0 /	276.59814 (126, 5)	341.34238 (151, 4)	273.68390 (69, 3)	218.04916 (69, 3)	167.61526 (69, 3)
130.0 /	354.88116 (126, 5)	391.66675 (240, 5)	286.43442 (240, 5)	214.08704 (199, 6)	207.38641 (3, 2)
120.0 /	402.37085 (220, 5)	377.74957 (220, 5)	245.56424 (72, 4)	208.18576C(316, 6)	191.61101C(316, 6)
110.0 /	356.32190 (241, 5)	355.71213 (220, 5)	275.14636 (145, 4)	217.57677C(191, 3)	219.37140 (23, 5)
100.0 /	343.79553 (241, 5)	339.03687 (145, 5)	272.71313 (145, 5)	194.49577 (145, 5)	140.07559 (145, 5)
90.0 /	345.11057 (126, 4)	292.44110 (88, 5)	249.29233 (6, 5)	221.28708 (202, 3)	217.46574 (93, 3)
80.0 /	289.04520 (254, 4)	410.52924 (186, 4)	358.79160 (205, 3)	303.74188 (205, 3)	242.92923 (205, 3)
70.0 /	303.79996 (249, 4)	283.01096 (249, 4)	267.93323 (222, 6)	221.80840 (80, 3)	217.04880 (80, 3)
60.0 /	300.83685 (232, 5)	328.74115 (176, 4)	299.49130 (176, 4)	239.20538C(150, 3)	200.22813C(150, 3)
50.0 /	377.70834 (202, 4)	297.61554 (180, 4)	254.60107 (249, 6)	206.99622 (249, 6)	209.20126 (59, 7)
40.0 /	293.90509 (201, 5)	276.30847 (180, 4)	246.88249 (219, 4)	209.01555 (219, 4)	196.98822 (72, 6)
30.0 /	392.60068 (195, 5)	303.65720 (285, 4)	311.32516 (285, 4)	249.96262 (285, 4)	204.23886 (37, 6)
20.0 /	411.74066 (195, 5)	273.01846 (97, 4)	267.06796 (97, 4)	230.18840C(133, 3)	189.90111C(133, 3)
10.0 /	265.83813 (195, 5)	226.68945 (140, 4)	216.50049 (256, 4)	235.14793 (256, 4)	233.05457 (256, 4)

*** ISCST BY KBN 11/86 *** 1983 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 412.31421 AND OCCURRED AT (900.0, 190.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	165.29984 (179, 3)
350.0 /	164.79062 (170, 4)
340.0 /	215.39525 (345, 4)
330.0 /	171.20378 (65, 2)
320.0 /	233.06992 (277, 6)
310.0 /	227.51471 (65, 8)
300.0 /	167.38824 (145, 6)
290.0 /	173.98961 (26, 6)
280.0 /	186.96446 (171, 4)
270.0 /	229.49974 (75, 2)
260.0 /	174.62613 (174, 5)
250.0 /	188.54907 (132, 3)
240.0 /	154.40265 (160, 5)
230.0 /	209.76958 (284, 5)
220.0 /	214.83861 (290, 7)
210.0 /	222.85716 (288, 6)
200.0 /	193.70116 (364, 3)
190.0 /	237.76154 (257, 8)
180.0 /	193.55334 (360, 6)
170.0 /	207.26178 (353, 1)
160.0 /	157.04199 (3, 5)
150.0 /	220.93620 (173, 4)
140.0 /	139.27811 (61, 5)
130.0 /	213.11444 (3, 2)
120.0 /	177.10277 (349, 2)
110.0 /	220.63501 (23, 5)
100.0 /	139.47258 (115, 3)
90.0 /	210.17691 (93, 3)
80.0 /	193.95049 (205, 3)
70.0 /	204.14932 (80, 3)
60.0 /	171.00125C(150, 3)
50.0 /	215.85800 (59, 7)
40.0 /	198.63103 (72, 6)
30.0 /	211.77060 (37, 6)
20.0 /	157.98230 (296, 5)
10.0 /	222.52515 (256, 4)

*** ISCST BY KBN 11/86 *** 1983 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 354.77502 AND OCCURRED AT (500.0, 190.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	248.42914 (254, 5)	280.83847 (179, 4)	263.07281 (238, 4)	217.42737 (247, 4)	171.38449 (179, 3)
350.0 /	249.97232C(231, 5)	256.62827 (331, 5)	248.37436 (170, 4)	205.21782 (331, 5)	160.29610 (331, 5)
340.0 /	251.73898 (134, 4)	272.91226 (121, 4)	215.88445 (121, 4)	199.43669 (345, 4)	188.29845 (141, 3)
330.0 /	242.90500 (122, 4)	281.28143 (120, 4)	245.44524 (263, 4)	210.38818 (263, 4)	177.21112 (65, 2)
320.0 /	251.75772 (133, 4)	256.69464 (184, 5)	228.44437C(303, 4)	193.50352 (151, 6)	174.40970 (66, 5)
310.0 /	253.93967 (230, 4)	344.76813C(303, 4)	350.05170 (176, 6)	286.16193 (176, 6)	224.93491 (176, 6)
300.0 /	252.36990 (195, 4)	266.50876 (132, 5)	257.70435 (94, 4)	219.40585 (94, 4)	177.09946 (47, 4)
290.0 /	217.63072C(117, 4)	271.47095 (121, 5)	247.88322 (212, 5)	202.45573 (213, 4)	174.79912 (26, 6)
280.0 /	228.69115 (192, 4)	286.53448 (261, 5)	283.40872 (171, 4)	236.43967 (261, 5)	201.52646 (211, 6)
270.0 /	242.48895 (192, 4)	265.42657 (301, 5)	226.18890 (301, 5)	185.93930 (75, 2)	192.82500 (94, 5)
260.0 /	234.18613 (243, 5)	312.08008 (116, 4)	244.47095 (175, 6)	198.04965 (175, 6)	169.43823 (174, 5)
250.0 /	255.93271 (177, 4)	317.17203 (167, 4)	284.11292 (102, 4)	225.11656 (102, 4)	186.28937 (214, 3)
240.0 /	235.22003 (167, 4)	255.81607 (167, 4)	235.05856 (274, 5)	186.50774 (274, 5)	159.70200 (227, 5)
230.0 /	229.99713C(191, 5)	245.52690 (49, 5)	252.05286 (49, 5)	205.57016 (49, 5)	184.60350 (291, 6)
220.0 /	249.54082 (132, 4)	298.25522 (259, 4)	217.81328 (300, 4)	188.90918 (227, 6)	206.89648 (282, 7)
210.0 /	251.30540 (145, 4)	277.20197 (335, 4)	256.09140 (335, 4)	197.88780 (335, 4)	202.00395 (258, 5)
200.0 /	247.04124 (183, 5)	224.53796 (109, 4)	194.91417 (166, 5)	166.04657 (355, 4)	184.58228 (364, 3)
190.0 /	354.77502 (147, 4)	296.92242 (325, 5)	291.93295 (334, 5)	228.38853 (166, 4)	213.68994 (334, 5)
180.0 /	233.52899 (230, 4)	285.90607 (166, 4)	260.46674 (273, 4)	207.58521 (273, 4)	174.88208 (299, 4)
170.0 /	266.97986 (239, 4)	330.81378 (316, 5)	304.68994 (265, 4)	247.13318 (265, 4)	195.01425 (353, 1)
160.0 /	219.96562 (146, 4)	277.63885C(307, 4)	251.08728 (360, 5)	180.38055 (360, 5)	153.35027 (3, 5)
150.0 /	200.24667 (185, 4)	293.64282 (173, 4)	333.62994 (333, 5)	272.14209 (333, 5)	213.67670 (333, 5)
140.0 /	253.30492 (185, 4)	304.58655C(39, 5)	263.50037 (173, 4)	207.36174 (173, 4)	166.78467 (100, 3)
130.0 /	291.83206 (220, 5)	281.66431 (191, 4)	244.03809 (199, 6)	195.26187 (240, 5)	180.59610 (329, 3)
120.0 /	338.24619 (241, 4)	313.76257 (241, 4)	237.32623 (220, 5)	192.33917 (72, 4)	158.15900C(251, 6)
110.0 /	302.95874 (220, 5)	344.78281 (193, 4)	264.41794C(191, 3)	210.19269C(307, 6)	198.24902 (110, 3)
100.0 /	276.54367 (126, 4)	259.86151 (110, 6)	235.58664 (110, 6)	182.40587 (110, 6)	139.29077 (110, 6)
90.0 /	317.81125 (183, 4)	280.62900 (145, 5)	239.86597 (202, 3)	218.94171 (6, 5)	190.57327 (202, 3)
80.0 /	270.48083 (186, 4)	319.07556 (205, 3)	303.14038 (186, 4)	213.41882 (186, 4)	173.10368 (194, 3)
70.0 /	290.50165 (221, 5)	252.48186 (222, 6)	210.87144 (249, 4)	221.59288 (222, 6)	187.87334 (77, 7)
60.0 /	286.29962 (233, 5)	277.13623 (155, 5)	277.88040C(150, 3)	230.00653 (249, 6)	187.47392 (249, 6)
50.0 /	273.90329 (233, 5)	245.84579 (202, 4)	242.13034 (180, 4)	201.16962 (191, 6)	167.06116 (191, 6)
40.0 /	256.49664C(194, 5)	233.20264 (233, 5)	203.30559 (143, 4)	177.60260 (72, 6)	179.12859 (337, 6)
30.0 /	330.04269 (201, 5)	251.00452 (201, 5)	220.48845 (246, 6)	187.90289 (246, 6)	193.37808 (285, 4)
20.0 /	263.15976 (201, 5)	271.38245 (156, 6)	263.34503C(133, 3)	213.52151 (97, 4)	165.83246 (97, 4)
10.0 /	256.49658 (192, 5)	209.81804 (150, 4)	211.52664 (150, 4)	196.12749 (142, 3)	203.84229 (256, 6)

*** ISCST BY KBN 11/86 *** 1983 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 354.77502 AND OCCURRED AT (500.0, 190.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	144.14725 (105, 1)
350.0 /	126.38834 (331, 5)
340.0 /	168.99097 (141, 3)
330.0 /	170.44531 (32, 8)
320.0 /	169.29642 (66, 5)
310.0 /	224.51376 (322, 5)
300.0 /	165.47086 (47, 4)
290.0 /	168.19614 (248, 6)
280.0 /	183.78984 (211, 6)
270.0 /	154.67522 (20, 8)
260.0 /	173.02081 (211, 3)
250.0 /	180.29289 (160, 6)
240.0 /	148.22168 (137, 8)
230.0 /	171.37109 (291, 6)
220.0 /	211.71338 (282, 7)
210.0 /	187.68982 (294, 1)
200.0 /	189.39832 (288, 3)
190.0 /	219.50706 (4, 8)
180.0 /	168.33304 (258, 3)
170.0 /	165.84546 (352, 8)
160.0 /	156.34590 (5, 5)
150.0 /	168.71965 (333, 5)
140.0 /	138.58130 (100, 3)
130.0 /	177.23424 (329, 3)
120.0 /	167.07997C(316, 6)
110.0 /	189.42737 (110, 3)
100.0 /	127.01031 (13, 6)
90.0 /	184.87909 (78, 6)
80.0 /	166.12268 (67, 3)
70.0 /	195.44627 (77, 7)
60.0 /	163.56265C(158, 3)
50.0 /	153.47270 (144, 1)
40.0 /	183.71843 (337, 6)
30.0 /	178.72923 (244, 3)
20.0 /	155.07454C(133, 3)
10.0 /	205.31100 (256, 6)

*** ISCST BY KBN 11/86 *** 1983 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 1100, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 479.41309 AND OCCURRED AT (900.0, 220.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	284.32837C(231, 5)	326.31628 (247, 4)	288.68829 (247, 4)	234.37003 (238, 4)	188.87122 (238, 4)
350.0 /	260.23868 (235, 5)	268.01697 (179, 4)	270.20465 (331, 5)	235.26591 (170, 4)	200.96080 (170, 4)
340.0 /	263.28156C(194, 4)	298.85092 (120, 4)	219.53293 (263, 4)	200.85880 (141, 3)	216.91055 (345, 4)
330.0 /	251.87761 (255, 4)	370.68039 (121, 4)	330.65283 (121, 4)	257.19177 (121, 4)	200.12717 (121, 4)
320.0 /	284.35535 (184, 5)	288.00595C(303, 4)	242.52061 (112, 4)	241.40079 (277, 6)	243.28772 (277, 6)
310.0 /	264.72687 (183, 5)	355.48975 (322, 5)	399.54596 (322, 5)	349.71545 (322, 5)	289.48730 (322, 5)
300.0 /	273.16919 (177, 4)	367.19617 (145, 6)	360.26767 (145, 6)	293.11829 (145, 6)	234.45341 (145, 6)
290.0 /	308.10837 (177, 4)	372.66290 (243, 5)	279.77722 (243, 5)	220.52252 (166, 6)	188.36357 (213, 4)
280.0 /	279.25473 (132, 4)	289.41235 (50, 5)	293.45911 (261, 5)	256.43658 (171, 4)	223.92599 (171, 4)
270.0 /	320.13770 (132, 4)	299.47095 (94, 5)	304.81116 (94, 5)	249.38382 (94, 5)	218.83641 (75, 2)
260.0 /	259.27673 (185, 5)	313.20709 (253, 5)	270.82959 (171, 5)	218.23639 (171, 5)	176.23965 (330, 5)
250.0 /	286.34039 (167, 4)	330.69650 (215, 4)	327.04880 (132, 3)	284.45599 (132, 3)	232.02765 (132, 3)
240.0 /	318.90305 (217, 4)	275.49963 (217, 4)	241.15001 (227, 5)	202.15274 (227, 5)	173.05382 (160, 5)
230.0 /	366.08557 (116, 5)	371.21832 (8, 5)	332.15286 (8, 5)	274.91141 (8, 5)	232.88437 (8, 5)
220.0 /	334.04138 (116, 5)	479.41309 (8, 5)	414.85889 (8, 5)	331.26117 (8, 5)	271.39017 (8, 5)
210.0 /	326.28497 (259, 4)	390.64941 (259, 4)	342.18127 (258, 5)	302.18134 (258, 5)	255.40778 (258, 5)
200.0 /	293.41589 (147, 4)	302.69302 (166, 5)	244.32553 (289, 3)	241.24364 (289, 3)	227.07841 (289, 3)
190.0 /	358.15277 (109, 4)	413.39557 (166, 4)	325.00110 (166, 4)	260.37070 (334, 5)	229.61040 (257, 8)
180.0 /	379.53964 (109, 4)	369.71240 (325, 4)	323.45190 (325, 4)	239.34856 (325, 4)	203.83069 (273, 4)
170.0 /	330.68292 (109, 4)	401.21716 (325, 4)	365.84885 (325, 4)	278.48096 (325, 4)	210.29631 (325, 4)
160.0 /	266.75067 (239, 4)	303.06744 (360, 5)	254.53012C(307, 4)	189.57768C(307, 4)	159.91943 (229, 3)
150.0 /	228.84781 (192, 4)	324.81311 (333, 5)	347.41293 (173, 4)	316.79181 (173, 4)	269.07092 (173, 4)
140.0 /	278.84760 (126, 5)	343.71542 (151, 4)	274.85742 (69, 3)	220.52328 (69, 3)	171.68073 (69, 3)
130.0 /	356.70502 (126, 5)	394.35327 (240, 5)	292.19934 (301, 4)	232.47539 (301, 4)	208.03178 (3, 2)
120.0 /	404.79120 (220, 5)	386.23883 (220, 5)	245.82053 (220, 5)	217.20920 (216, 4)	192.76794C(316, 6)
110.0 /	362.81677 (241, 5)	384.84296 (145, 4)	322.70560 (145, 4)	245.38031 (145, 4)	220.38605 (23, 5)
100.0 /	349.32809 (241, 5)	340.65790 (145, 5)	276.47241 (145, 5)	199.88091 (145, 5)	160.31622 (251, 5)
90.0 /	347.79016 (126, 4)	295.56744 (88, 5)	250.44604 (6, 5)	224.09293 (202, 3)	221.19292 (93, 3)
80.0 /	289.89429 (254, 4)	414.88800 (186, 4)	360.75787 (205, 3)	307.41846 (205, 3)	248.18637 (205, 3)
70.0 /	305.37012 (249, 4)	290.37225 (249, 4)	270.15320 (222, 6)	225.97363 (222, 6)	218.89407 (80, 3)
60.0 /	302.21942 (232, 5)	328.98553 (176, 4)	300.45239 (176, 4)	239.20538C(150, 3)	200.22813C(150, 3)
50.0 /	378.25977 (202, 4)	297.98370 (180, 4)	255.34137 (249, 6)	208.54735 (249, 6)	209.40390 (59, 7)
40.0 /	294.61804 (201, 5)	277.42645 (180, 4)	247.62814 (219, 4)	210.61119 (219, 4)	197.26227 (72, 6)
30.0 /	392.83932 (195, 5)	303.72314 (285, 4)	311.96692 (285, 4)	251.55675 (285, 4)	204.60931 (37, 6)
20.0 /	412.15244 (195, 5)	276.97412 (201, 5)	268.17581 (97, 4)	231.58148C(133, 3)	192.11761C(133, 3)
10.0 /	266.16449 (195, 5)	240.52110 (46, 5)	242.36038 (46, 5)	235.14793 (256, 4)	233.05457 (256, 4)

*** ISCST BY KBN 11/86 *** 1983 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 1100, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 479.41309 AND OCCURRED AT (900.0, 220.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	167.63892 (179, 3)
350.0 /	178.03769 (217, 4)
340.0 /	216.40472 (345, 4)
330.0 /	180.13634 (217, 4)
320.0 /	235.49161 (277, 6)
310.0 /	238.62070 (322, 5)
300.0 /	190.38420 (145, 6)
290.0 /	183.00745 (26, 6)
280.0 /	195.08087 (171, 4)
270.0 /	229.99504 (75, 2)
260.0 /	182.34581 (211, 3)
250.0 /	188.54907 (132, 3)
240.0 /	156.77541 (160, 5)
230.0 /	214.01782 (284, 5)
220.0 /	239.70615 (290, 7)
210.0 /	228.30777 (288, 6)
200.0 /	212.21062 (289, 3)
190.0 /	238.08824 (257, 8)
180.0 /	193.88483 (360, 6)
170.0 /	207.72752 (353, 1)
160.0 /	157.32628 (3, 5)
150.0 /	224.72729 (173, 4)
140.0 /	141.49292 (61, 5)
130.0 /	214.09825 (3, 2)
120.0 /	177.62946 (349, 2)
110.0 /	222.17967 (23, 5)
100.0 /	140.45654 (115, 3)
90.0 /	214.52917 (93, 3)
80.0 /	200.34851 (205, 3)
70.0 /	206.81598 (80, 3)
60.0 /	171.00125C(150, 3)
50.0 /	216.22821 (59, 7)
40.0 /	199.14647 (72, 6)
30.0 /	212.42801 (37, 6)
20.0 /	158.15013 (296, 5)
10.0 /	222.52515 (256, 4)

*** ISCST BY KBN 11/86 *** 1983 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 1100, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 373.87506 AND OCCURRED AT (900.0, 220.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	257.11426 (254, 5)	282.06079 (179, 4)	276.02765 (238, 4)	220.20938 (247, 4)	172.93614 (179, 3)
350.0 /	249.97252C(231, 5)	267.81387 (331, 5)	248.79625 (170, 4)	222.83224 (331, 5)	178.18948 (331, 5)
340.0 /	251.73901 (134, 4)	272.93933 (121, 4)	216.72388 (121, 4)	199.61546 (345, 4)	188.41527 (141, 3)
330.0 /	242.91116 (122, 4)	281.49408 (120, 4)	246.15552 (263, 4)	212.11310 (263, 4)	178.05638 (32, 8)
320.0 /	255.20578 (183, 5)	284.80206 (112, 4)	240.14856C(303, 4)	196.00102 (151, 6)	174.87413 (66, 5)
310.0 /	256.37457 (230, 4)	354.04938C(303, 4)	356.86847 (176, 6)	295.54520 (176, 6)	237.22397 (176, 6)
300.0 /	257.59509 (195, 4)	271.67902 (132, 5)	270.59198 (94, 4)	232.94658 (94, 4)	198.77380 (47, 4)
290.0 /	221.19302C(117, 4)	275.95718 (121, 5)	252.36784 (212, 5)	214.01096 (212, 5)	184.75995 (166, 6)
280.0 /	255.84453C(234, 4)	286.87363 (261, 5)	284.75482 (171, 4)	240.06769 (261, 5)	203.98993 (211, 6)
270.0 /	242.51465 (192, 4)	267.11023 (275, 4)	227.65385 (301, 5)	186.10135 (75, 2)	198.26047 (94, 5)
260.0 /	238.96890 (243, 5)	312.15338 (116, 4)	245.62151 (175, 6)	205.27811 (330, 5)	172.12560 (171, 5)
250.0 /	262.65009 (230, 5)	325.16833 (167, 4)	299.11267 (102, 4)	249.21161 (8, 5)	215.23172 (8, 5)
240.0 /	270.03882 (116, 5)	261.51431 (167, 4)	237.51376 (274, 5)	192.11917 (274, 5)	165.91040 (227, 5)
230.0 /	273.54517 (132, 4)	361.63794 (300, 5)	314.49969 (300, 5)	247.16690 (300, 5)	218.28641 (291, 6)
220.0 /	312.25269 (132, 4)	373.87506 (259, 4)	296.37323 (300, 4)	252.93065 (300, 4)	232.59390 (290, 7)
210.0 /	297.68143 (251, 5)	324.69623 (301, 4)	287.21326 (301, 4)	235.80023 (301, 4)	219.20667 (288, 6)
200.0 /	267.37119 (183, 5)	235.94611 (109, 4)	216.33994 (271, 4)	177.07170 (271, 4)	184.82060 (364, 3)
190.0 /	355.67123 (147, 4)	297.43311 (325, 5)	292.25598 (334, 5)	236.23869 (166, 4)	215.50621 (334, 5)
180.0 /	265.59811 (116, 5)	290.56287 (273, 4)	281.47101 (273, 4)	239.26437 (273, 4)	198.28314 (360, 6)
170.0 /	277.45892 (116, 5)	331.49509 (316, 5)	307.35699 (265, 4)	251.31291 (265, 4)	199.56686 (265, 4)
160.0 /	220.03551 (146, 4)	277.75232C(307, 4)	252.89474 (360, 5)	183.81871 (360, 5)	153.50562 (3, 5)
150.0 /	204.16632 (185, 4)	293.93427 (173, 4)	336.49942 (333, 5)	277.81866 (333, 5)	221.85983 (333, 5)
140.0 /	257.16443 (185, 4)	304.95767C(39, 5)	264.38477 (173, 4)	209.08000 (173, 4)	168.31128 (100, 3)
130.0 /	306.90674 (181, 4)	300.77368 (301, 4)	291.94623 (240, 5)	215.84982 (199, 6)	182.97899 (109, 6)
120.0 /	340.79456 (241, 5)	314.29904 (241, 4)	245.56424 (72, 4)	208.97525C(316, 6)	169.79691 (216, 4)
110.0 /	304.29675 (220, 5)	361.43661 (220, 5)	269.20673C(191, 3)	223.56885C(191, 3)	198.24902 (110, 3)
100.0 /	278.60620 (126, 4)	264.18604 (145, 4)	238.02567 (110, 6)	196.03752 (251, 5)	146.37418 (145, 5)
90.0 /	318.76071 (183, 4)	282.37033 (145, 5)	241.66678 (202, 3)	221.17212 (6, 5)	193.91467 (202, 3)
80.0 /	270.62585 (186, 4)	319.66733 (205, 3)	312.41583 (186, 4)	225.11644 (186, 4)	173.13925 (194, 3)
70.0 /	291.68524 (221, 5)	253.06165 (222, 6)	217.43878 (249, 4)	222.85564 (80, 3)	188.29234 (77, 7)
60.0 /	289.29935 (233, 5)	278.61798 (155, 5)	277.88040C(150, 3)	230.75446 (249, 6)	188.75214 (249, 6)
50.0 /	277.03662 (233, 5)	253.49138 (202, 4)	243.64792 (180, 4)	207.17075 (191, 6)	176.15491 (191, 6)
40.0 /	256.54712C(194, 5)	239.70134 (233, 5)	206.06302 (143, 4)	177.71916 (72, 6)	179.35620 (337, 6)
30.0 /	331.05078 (201, 5)	260.24469 (201, 5)	220.96548 (246, 6)	189.12712 (246, 6)	196.28922 (285, 4)
20.0 /	263.85504 (201, 5)	273.14795 (97, 4)	263.95612C(133, 3)	215.98914 (97, 4)	169.73622 (97, 4)
10.0 /	260.12170 (192, 5)	227.06522 (140, 4)	216.50049 (256, 4)	210.71635 (46, 5)	204.21619 (256, 6)

*** ISCST BY KBN 11/86 *** 1983 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 1100, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 373.87506 AND OCCURRED AT (900.0, 220.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	153.46608 (217, 4)
350.0 /	167.70753 (170, 4)
340.0 /	184.29045 (217, 4)
330.0 /	172.71460 (32, 8)
320.0 /	181.95270 (217, 4)
310.0 /	231.24966 (65, 8)
300.0 /	186.79031 (47, 4)
290.0 /	169.81813 (248, 6)
280.0 /	187.41858 (211, 6)
270.0 /	159.40616 (94, 5)
260.0 /	175.31198 (174, 5)
250.0 /	185.19159 (8, 5)
240.0 /	149.36211 (137, 8)
230.0 /	207.77464 (291, 6)
220.0 /	230.82573 (282, 7)
210.0 /	217.02014 (258, 5)
200.0 /	194.12500 (364, 3)
190.0 /	219.86194 (4, 8)
180.0 /	178.23509 (273, 4)
170.0 /	166.50412 (352, 8)
160.0 /	156.61859 (5, 5)
150.0 /	178.59435 (333, 5)
140.0 /	140.53978 (100, 3)
130.0 /	179.32462 (329, 3)
120.0 /	168.58900C(316, 6)
110.0 /	189.42737 (110, 3)
100.0 /	128.79257 (13, 6)
90.0 /	186.96733 (78, 6)
80.0 /	166.54810 (67, 3)
70.0 /	196.09709 (77, 7)
60.0 /	163.56265C(158, 3)
50.0 /	153.91327 (144, 1)
40.0 /	184.11546 (337, 6)
30.0 /	178.72923 (244, 3)
20.0 /	158.01671C(133, 3)
10.0 /	206.03697 (256, 6)

*** ISCST BY KBN 11/86 *** 1983 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 676.40179 AND OCCURRED AT (900.0, 120.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	371.80759C(231, 5)	475.96347 (179, 4)	470.64954 (247, 4)	438.83856 (247, 4)	400.58530 (247, 4)
350.0 /	341.45551 (179, 4)	494.61578 (179, 4)	490.57477 (331, 5)	476.92712 (331, 5)	437.18414 (331, 5)
340.0 /	328.34814C(194, 4)	436.14374 (120, 4)	428.04028 (135, 4)	383.49408 (135, 4)	386.47836 (345, 4)
330.0 /	344.16086 (122, 4)	594.51184 (121, 4)	622.18054 (121, 4)	587.61487 (121, 4)	530.06909 (121, 4)
320.0 /	380.23279 (184, 5)	537.42938 (184, 5)	466.07687 (112, 4)	426.41260 (112, 4)	423.15460 (277, 6)
310.0 /	360.50415 (252, 5)	525.82996 (176, 6)	621.14233 (322, 5)	604.97858 (322, 5)	562.26361 (322, 5)
300.0 /	372.11777 (177, 4)	600.02399 (145, 6)	665.03107 (145, 6)	647.30090 (145, 6)	601.36768 (145, 6)
290.0 /	374.68637 (177, 4)	521.83112 (243, 5)	475.30078 (243, 5)	463.98962 (213, 4)	432.13721 (213, 4)
280.0 /	336.67953 (132, 4)	429.94623 (50, 5)	474.47263 (261, 5)	465.38632 (261, 5)	451.83112 (171, 4)
270.0 /	351.74976 (132, 4)	441.85443 (275, 5)	449.49268 (94, 5)	445.66260 (94, 5)	421.52759 (94, 5)
260.0 /	331.06354 (230, 5)	499.43552 (253, 5)	488.60483 (171, 5)	475.87961 (171, 5)	436.67389 (171, 5)
250.0 /	389.86484 (167, 4)	561.02863 (167, 4)	513.88641 (167, 4)	489.47382 (102, 4)	449.66266 (102, 4)
240.0 /	413.28403 (116, 5)	470.58273 (217, 4)	504.43076 (300, 5)	473.13998 (300, 5)	422.75327 (300, 5)
230.0 /	472.45148 (116, 5)	520.85657 (8, 5)	500.81604 (8, 5)	448.18903 (300, 5)	449.94113 (291, 6)
220.0 /	427.39398 (259, 4)	611.11639 (259, 4)	557.42896 (8, 5)	499.96503 (8, 5)	445.65039 (8, 5)
210.0 /	374.83398 (259, 4)	530.30615 (259, 4)	483.49716 (258, 5)	475.17773 (258, 5)	447.80267 (258, 5)
200.0 /	506.42160 (147, 4)	525.18140 (166, 5)	477.96228 (166, 5)	413.48785 (271, 4)	369.89609 (271, 4)
190.0 /	555.46588 (109, 4)	650.89758 (166, 4)	615.86230 (166, 4)	534.38312 (166, 4)	452.91147 (166, 4)
180.0 /	580.49652 (109, 4)	556.02020 (325, 4)	529.84167 (325, 4)	468.23398 (265, 4)	406.62891 (265, 4)
170.0 /	497.05649 (109, 4)	561.28552 (325, 4)	561.43695 (325, 4)	501.81540 (325, 4)	442.64917 (325, 4)
160.0 /	426.60864 (239, 4)	504.10455 (146, 4)	429.70685 (146, 4)	360.25864 (360, 5)	308.48096 (360, 5)
150.0 /	408.35217 (192, 4)	545.54199 (333, 5)	598.85742 (333, 5)	567.05725 (333, 5)	514.41327 (333, 5)
140.0 /	445.13464 (126, 5)	570.90570 (151, 4)	504.25473 (250, 4)	433.02722 (250, 4)	365.58005 (250, 4)
130.0 /	574.67090 (126, 5)	604.76508 (240, 5)	537.94501 (240, 5)	452.77490 (240, 5)	375.45605 (240, 5)
120.0 /	639.05090 (220, 5)	676.40179 (220, 5)	521.08014 (241, 4)	437.35077 (241, 4)	396.54379 (72, 4)
110.0 /	619.04138 (241, 5)	657.01257 (220, 5)	528.82068 (145, 4)	461.28302 (100, 4)	412.69214 (100, 4)
100.0 /	589.48761 (241, 5)	496.50864 (241, 4)	441.15735 (145, 5)	406.82761 (155, 4)	359.98383 (155, 4)
90.0 /	509.69330 (126, 4)	525.28271 (126, 4)	444.41684 (88, 5)	417.26385 (87, 5)	410.35312 (87, 5)
80.0 /	413.09741 (254, 4)	641.51813 (186, 4)	607.48615 (186, 4)	568.03735 (205, 3)	530.68463 (205, 3)
70.0 /	397.41663 (196, 4)	558.11243 (186, 4)	525.42993 (186, 4)	453.85483 (222, 6)	425.35059 (222, 6)
60.0 /	436.89389 (221, 5)	438.53857 (155, 5)	462.49561 (155, 5)	449.78586 (203, 6)	422.00800 (203, 6)
50.0 /	456.79675 (202, 4)	490.68015 (202, 4)	415.08893 (143, 5)	409.70410 (143, 5)	375.02536 (143, 5)
40.0 /	411.95346 (202, 4)	471.32001 (202, 4)	406.09436 (180, 4)	366.97861 (219, 4)	336.74045 (219, 4)
30.0 /	459.44186 (195, 5)	511.12189 (201, 5)	448.78708 (285, 4)	418.97739 (285, 4)	384.63559 (285, 4)
20.0 /	560.56250 (195, 5)	562.11890 (201, 5)	465.53033 (156, 6)	427.93369 (142, 4)	385.49048 (142, 4)
10.0 /	447.51184 (195, 5)	413.92395 (195, 5)	360.65317 (142, 4)	392.62982 (256, 4)	416.17291 (256, 4)

*** ISCST BY KBN 11/86 *** 1983 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 676.40179 AND OCCURRED AT (900.0, 120.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	357.50671 (247, 4)
350.0 /	385.63770 (331, 5)
340.0 /	395.93469 (345, 4)
330.0 /	464.98523 (121, 4)
320.0 /	425.32431 (277, 6)
310.0 /	515.13629 (322, 5)
300.0 /	542.37463 (145, 6)
290.0 /	392.87445 (213, 4)
280.0 /	425.11169 (171, 4)
270.0 /	387.11371 (94, 5)
260.0 /	388.29306 (171, 5)
250.0 /	407.05453 (102, 4)
240.0 /	369.54980 (300, 5)
230.0 /	440.42798 (291, 6)
220.0 /	396.87787 (8, 5)
210.0 /	415.32092 (258, 5)
200.0 /	329.88681 (289, 3)
190.0 /	380.77698 (166, 4)
180.0 /	361.11557 (273, 4)
170.0 /	387.89413 (325, 4)
160.0 /	289.63474 (360, 3)
150.0 /	457.74725 (333, 5)
140.0 /	326.96814 (100, 3)
130.0 /	356.00110 (109, 6)
120.0 /	363.18524 (72, 4)
110.0 /	375.16003 (23, 5)
100.0 /	311.38416 (155, 4)
90.0 /	390.44125 (87, 5)
80.0 /	487.34338 (205, 3)
70.0 /	386.79663 (222, 6)
60.0 /	382.57053 (203, 6)
50.0 /	333.50644 (191, 6)
40.0 /	307.10876 (219, 4)
30.0 /	371.99097 (37, 6)
20.0 /	336.14539 (142, 4)
10.0 /	419.06512 (256, 4)

*** ISCST BY KBN 11/86 *** 1983 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 648.90149 AND OCCURRED AT (900.0, 110.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	313.71909 (179, 4)	457.59650 (247, 4)	459.01035 (238, 4)	427.30209 (238, 4)	372.34738 (238, 4)
350.0 /	340.27539C(231, 5)	431.97540 (331, 5)	445.59467 (179, 4)	407.66559 (141, 4)	364.40619 (141, 4)
340.0 /	316.84888 (134, 4)	423.21185 (135, 4)	391.69769 (120, 4)	357.22229 (345, 4)	327.31741 (135, 4)
330.0 /	328.74094 (133, 4)	470.62683 (122, 4)	432.92380 (122, 4)	370.27899 (263, 4)	351.64597 (32, 8)
320.0 /	349.86639 (133, 4)	492.00204 (183, 5)	408.24170 (322, 5)	402.22040 (277, 6)	365.38620 (112, 4)
310.0 /	344.69385 (183, 5)	511.90350 (322, 5)	599.91370 (176, 6)	583.08167 (176, 6)	546.68591 (176, 6)
300.0 /	330.14880 (132, 5)	492.78452 (121, 5)	477.09894 (121, 5)	449.50485 (94, 4)	419.49316 (94, 4)
290.0 /	281.69620C(234, 4)	517.26660 (177, 4)	464.66196 (213, 4)	423.60858 (243, 5)	375.92795 (121, 5)
280.0 /	303.17422C(234, 4)	405.25128 (261, 5)	439.12341 (50, 5)	459.57751 (171, 4)	437.00806 (261, 5)
270.0 /	274.15045 (243, 5)	382.08484 (275, 4)	439.48422 (275, 5)	394.52780 (275, 5)	333.95538 (275, 5)
260.0 /	328.13483 (167, 4)	440.37741 (167, 4)	475.49316 (253, 5)	431.33008 (89, 4)	403.35858 (330, 5)
250.0 /	373.65097 (217, 4)	497.58420 (215, 4)	513.34930 (102, 4)	440.12366 (132, 3)	419.69101 (132, 3)
240.0 /	381.44141 (217, 4)	469.64746 (300, 5)	387.18259 (274, 5)	385.34784 (227, 5)	363.89178 (227, 5)
230.0 /	369.07581 (259, 4)	482.52927 (300, 5)	495.42355 (300, 5)	447.55246 (8, 5)	415.14545 (344, 4)
220.0 /	372.95630 (116, 5)	576.08673 (8, 5)	552.34473 (259, 4)	457.39392 (259, 4)	384.90610 (300, 4)
210.0 /	373.82800 (193, 5)	416.94955 (301, 4)	482.07492 (259, 4)	417.61435 (289, 3)	389.05481 (289, 3)
200.0 /	418.31967 (109, 4)	486.23364 (109, 4)	434.83505 (271, 4)	395.38995 (166, 5)	334.41711 (289, 3)
190.0 /	485.80307 (147, 4)	508.67001 (109, 4)	417.58527 (334, 5)	409.88281 (334, 5)	383.31879 (334, 5)
180.0 /	392.83298 (116, 5)	510.70013 (265, 4)	521.81671 (265, 4)	462.57599 (325, 4)	402.01373 (325, 4)
170.0 /	455.90765 (239, 4)	513.37726 (316, 5)	507.11301 (265, 4)	454.47031 (265, 4)	394.05002 (265, 4)
160.0 /	376.00647 (146, 4)	443.21115 (360, 5)	417.34360 (360, 5)	338.65829 (146, 4)	299.95251 (360, 3)
150.0 /	334.75290 (185, 4)	474.05676 (298, 5)	507.52670 (173, 4)	492.80353 (173, 4)	452.05539 (173, 4)
140.0 /	407.88965 (185, 4)	536.44116 (250, 4)	504.00989 (151, 4)	415.92172 (151, 4)	354.62921 (100, 3)
130.0 /	472.49878 (241, 5)	523.98694 (191, 4)	435.95483 (191, 4)	382.48898 (109, 6)	374.88132 (109, 6)
120.0 /	591.12518 (241, 5)	633.64789 (241, 4)	494.29370 (220, 5)	427.79712 (72, 4)	372.49570 (241, 4)
110.0 /	556.21570 (220, 5)	648.90149 (241, 4)	525.01208 (241, 4)	451.35849 (145, 4)	379.36371 (145, 4)
100.0 /	410.02069 (196, 5)	465.63306 (145, 5)	433.09787 (155, 4)	389.61523 (124, 5)	340.37122 (124, 5)
90.0 /	459.93271 (241, 5)	497.01233 (88, 5)	436.98437 (145, 5)	401.90048 (6, 5)	386.35141 (78, 5)
80.0 /	409.58624 (183, 4)	558.00287 (254, 4)	580.58313 (205, 3)	514.73022 (186, 4)	423.75836 (186, 4)
70.0 /	397.04684 (249, 4)	496.65765 (249, 4)	456.56723 (222, 6)	440.22339 (186, 4)	358.80194 (186, 4)
60.0 /	424.01813 (196, 4)	430.21667 (176, 4)	449.55713 (203, 6)	425.43359 (155, 5)	373.27972 (155, 5)
50.0 /	432.94418 (233, 5)	468.47314 (233, 5)	406.55951 (249, 6)	393.08188 (191, 6)	362.88403 (191, 6)
40.0 /	365.33005 (233, 5)	464.46991 (233, 5)	387.46893 (219, 4)	346.43088 (143, 4)	312.20038 (143, 4)
30.0 /	455.89026 (201, 5)	396.76935 (180, 4)	345.06738 (180, 4)	326.18735 (246, 6)	352.50079 (37, 6)
20.0 /	419.94992 (201, 5)	474.15533 (195, 5)	443.91241 (142, 4)	424.81958 (156, 6)	371.82907 (156, 6)
10.0 /	304.16864 (192, 5)	358.92273 (201, 5)	335.62875 (256, 4)	344.13071 (142, 3)	360.34787 (142, 3)

*** ISCST BY KBN 11/86 *** 1983 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 648.90149 AND OCCURRED AT (900.0, 110.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	317.54492 (238, 4)
350.0 /	334.42950 (170, 4)
340.0 /	290.37494C(178, 3)
330.0 /	357.79364 (32, 8)
320.0 /	347.51727 (66, 5)
310.0 /	500.20520 (176, 6)
300.0 /	386.85764 (94, 4)
290.0 /	326.40558 (121, 5)
280.0 /	398.75473 (261, 5)
270.0 /	347.85156 (75, 2)
260.0 /	375.09555 (330, 5)
250.0 /	400.11871 (132, 3)
240.0 /	330.82571 (227, 5)
230.0 /	382.65411 (344, 4)
220.0 /	377.33322 (271, 6)
210.0 /	354.48581 (289, 3)
200.0 /	328.54724 (364, 3)
190.0 /	359.49933 (257, 8)
180.0 /	350.16818 (265, 4)
170.0 /	341.66537 (265, 4)
160.0 /	263.64423 (360, 5)
150.0 /	407.24338 (173, 4)
140.0 /	311.50433 (187, 6)
130.0 /	351.63840 (3, 2)
120.0 /	321.12961 (241, 4)
110.0 /	361.68954 (100, 4)
100.0 /	291.56042 (124, 5)
90.0 /	373.35229 (78, 5)
80.0 /	348.45663 (186, 4)
70.0 /	342.36984 (80, 3)
60.0 /	351.52692 (338, 5)
50.0 /	330.87888 (143, 5)
40.0 /	299.17487 (72, 6)
30.0 /	351.14670 (285, 4)
20.0 /	323.94153 (156, 6)
10.0 /	358.89728 (328, 4)

ISCSTK6 MODEL, A VERSION OF
ISCST (VERSION 86170)
AN AIR QUALITY DISPERSION MODEL IN
SECTION 1. GUIDELINE MODELS.
IN UNAMAP (VERSION 6) JULY 1986.
SOURCE: FILE 6 ON UNAMAP MAGNETIC TAPE FROM NTIS.

CONVERTED BY :
KBN ENGINEERING AND APPLIED SCIENCES, INC.
GAINESVILLE, FLORIDA
(904)375-8000

CARD INPUT FILE IS	gpaaqs3h.i84
SUMMARY OUTPUT FILE IS	gpaaqs3h.o84
METEOROLOGICAL FILE IS	c:\airprog\jaxpre84.bin
TITLE OF RUN IS	1984 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87

*** ISCST BY KBN 11/86 *** 1984 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

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) = 2
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) = 0
PRINT 'N'-DAY TABLE(S) (YES=1,NO=0)	ISW(15) = 0
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) = 0
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 = 12
NUMBER OF SOURCE GROUPS (=0,ALL SOURCES)	NGROUP = 3
TIME PERIOD INTERVAL TO BE PRINTED (=0,ALL INTERVALS)	IPERD = 0
NUMBER OF X (RANGE) GRID VALUES	NXPNTS = 6
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 = 6.10 METERS
LOGICAL UNIT NUMBER OF METEOROLOGICAL DATA	IMET = 9
DECAY COEFFICIENT FOR PHYSICAL OR CHEMICAL DEPLETION	DECAY =0.000000E+00
SURFACE STATION NO.	ISS = 13889
YEAR OF SURFACE DATA	ISY = 84
UPPER AIR STATION NO.	IUS = 13861
YEAR OF UPPER AIR DATA	IUY = 84
ALLOCATED DATA STORAGE	LIMIT = 20000 WORDS
REQUIRED DATA STORAGE FOR THIS PROBLEM RUN	MIMIT = 6294 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
```

*** NUMBER OF SOURCE NUMBERS REQUIRED TO DEFINE SOURCE GROUPS ***
(NSOGRP)

1, 4, 3,

*** SOURCE NUMBERS DEFINING SOURCE GROUPS ***
(IDSOR)

103, 103, 1100, 9991, 9992, 103, 800, -9994,

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

1.50, 3.10, 5.10, 8.20, 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 CATEGORY	WIND SPEED CATEGORY 1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

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

500.0, 900.0, 1300.0, 1700.0, 2100.0, 2500.0,

*** 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,

*** ISCST BY KBN 11/86 *** 1984 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

*** SOURCE DATA ***

SOURCE NUMBER	TYPE	WAKE	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)
103	0	0	0	0.15120E+03	0.0	0.0	0.0	65.00	561.00	13.50	0.98	0.00	0.00	0.00
400	0	0	0	-.15100E+02	-15.0	30.0	0.0	76.20	367.00	8.80	3.66	0.00	0.00	0.00
500	0	0	0	-.86000E+01	-43.0	7.0	0.0	40.50	372.00	7.28	3.41	0.00	0.00	0.00
800	0	0	0	0.37700E+02	-165.0	14.0	0.0	76.20	474.00	13.93	4.02	0.00	0.00	0.00
1000	0	0	0	0.88800E+02	-88.0	64.0	0.0	76.20	450.00	15.39	3.66	0.00	0.00	0.00
1100	0	0	0	0.40500E+02	-192.0	58.0	0.0	70.10	489.00	22.20	3.66	0.00	0.00	0.00
1200	0	0	0	0.45200E+02	-78.0	110.0	0.0	37.00	474.00	14.54	1.22	0.00	0.00	0.00
1300	0	0	0	0.34740E+03	-87.0	88.0	0.0	70.70	501.00	17.15	2.74	0.00	0.00	0.00
9990	0	0	0	0.20110E+03	9100.0	-5700.0	0.0	22.30	458.00	31.70	3.14	0.00	0.00	0.00
9991	0	0	0	0.20110E+03	9100.0	-5700.0	0.0	22.30	458.00	31.70	3.14	0.00	0.00	0.00
9992	0	0	0	0.16360E+04	4600.0	5800.0	0.0	205.00	326.00	8.40	15.52	0.00	0.00	0.00
9994	0	0	0	0.37080E+03	8650.0	-5700.0	0.0	45.70	408.00	11.90	3.96	0.00	0.00	0.00

* CALM HOURS (=1) FOR DAY	1 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0
CALM HOURS (=1) FOR DAY	2 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
CALM HOURS (=1) FOR DAY	3 *	0	1	1	1	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	1	1	1	0	1
* CALM HOURS (=1) FOR DAY	4 *	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1
* CALM HOURS (=1) FOR DAY	5 *	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1
CALM HOURS (=1) FOR DAY	6 *	1	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	7 *	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	8 *	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
CALM HOURS (=1) FOR DAY	9 *	1	1	1	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0
CALM HOURS (=1) FOR DAY	10 *	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	16 *	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	0
* CALM HOURS (=1) FOR DAY	17 *	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	18 *	0	0	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	19 *	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	24 *	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	1	0	0	0
CALM HOURS (=1) FOR DAY	25 *	0	0	0	1	1	1	0	1	0	0	0	0	0	0	1	1	1	0	1	0	0	0	0	0
CALM HOURS (=1) FOR DAY	27 *	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	29 *	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
CALM HOURS (=1) FOR DAY	30 *	0	0	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	32 *	1	1	1	0	1	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1
* CALM HOURS (=1) FOR DAY	33 *	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
* CALM HOURS (=1) FOR DAY	34 *	1	1	1	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
CALM HOURS (=1) FOR DAY	35 *	1	1	0	0	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY	38 *	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	39 *	1	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
CALM HOURS (=1) FOR DAY	40 *	1	1	1	1	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	41 *	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
* CALM HOURS (=1) FOR DAY	42 *	1	1	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	43 *	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	44 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0
* CALM HOURS (=1) FOR DAY	45 *	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	46 *	1	1	1	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	47 *	1	1	1	1	0	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	1	1	1

* CALM HOURS (=1) FOR DAY 48 *	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1
* CALM HOURS (=1) FOR DAY 49 *	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1
* CALM HOURS (=1) FOR DAY 50 *	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
* CALM HOURS (=1) FOR DAY 51 *	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	0
* CALM HOURS (=1) FOR DAY 52 *	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	1	1
* 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	0	1	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
* CALM HOURS (=1) FOR DAY 56 *	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 57 *	1	1	1	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 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	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	1	1	1	1	0
* CALM HOURS (=1) FOR DAY 63 *	0	0	1	1	1	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	1	1	1	1
* CALM HOURS (=1) FOR DAY 64 *	1	1	1	1	1	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 68 *	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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
* CALM HOURS (=1) FOR DAY 70 *	1	1	1	1	1	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	1
* CALM HOURS (=1) FOR DAY 71 *	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1
* CALM HOURS (=1) FOR DAY 72 *	1	1	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 73 *	0	0	0	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0
* CALM HOURS (=1) FOR DAY 74 *	0	1	1	1	1	1	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	
* CALM HOURS (=1) FOR DAY 75 *	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	
* CALM HOURS (=1) FOR DAY 76 *	1	1	1	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	
* CALM HOURS (=1) FOR DAY 77 *	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	
* CALM HOURS (=1) FOR DAY 78 *	1	1	1	1	1	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1		
* CALM HOURS (=1) FOR DAY 79 *	0	1	1	1	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 80 *	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 82 *	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	
* CALM HOURS (=1) FOR DAY 83 *	0	1	1	1	1	0	1	1	0	1	1	0	0	0	0	0	0	0	0	1	0	1	1		
* CALM HOURS (=1) FOR DAY 84 *	1	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 86 *	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 87 *	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 90 *	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 91 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	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	1	1	1	1		
* CALM HOURS (=1) FOR DAY 93 *	0	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 94 *	0	0	0	1	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 98 *	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	
* CALM HOURS (=1) FOR DAY 99 *	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 101 *	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 102 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	
* CALM HOURS (=1) FOR DAY 103 *	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1		
* CALM HOURS (=1) FOR DAY 104 *	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 105 *	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 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	
* CALM HOURS (=1) FOR DAY 109 *	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 110 *	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 111 *	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 112 *	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 113 *	1	1	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 115 *	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 116 *	0	1	1	1	1	1	1	0	1	1	0	1	0	1	0	0	0	0	0	0	1	1	1		
* CALM HOURS (=1) FOR DAY 117 *	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 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	
* CALM HOURS (=1) FOR DAY 119 *	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	
* CALM HOURS (=1) FOR DAY 120 *	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
* CALM HOURS (=1) FOR DAY 121 *	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 122 *	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 123 *	0	1	1	1	1	0	0	1	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	
* CALM HOURS (=1) FOR DAY 124 *	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 126 *	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	

CALM HOURS (=1) FOR DAY 127 * 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 128 * 0 1 1 1 1 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0
CALM HOURS (=1) FOR DAY 130 * 0 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 131 * 1 1 1 1 1 1 0 0 0 0 1 1 1 0 0 0 0 0 0 0 1 1 1 1
CALM HOURS (=1) FOR DAY 132 * 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1
CALM HOURS (=1) FOR DAY 133 * 1 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 1 1
CALM HOURS (=1) FOR DAY 134 * 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0
CALM HOURS (=1) FOR DAY 136 * 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 137 * 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 1
CALM HOURS (=1) FOR DAY 138 * 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1
CALM HOURS (=1) FOR DAY 139 * 1 1 1 1 1 1 0 1 0 0 0 0 0 1 0 0 0 0 0 0 0 0 1 1
CALM HOURS (=1) FOR DAY 140 * 1 1 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 142 * 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 144 * 0 0 1 1 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 145 * 0 0 0 1 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 146 * 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 1
CALM HOURS (=1) FOR DAY 147 * 1 1 1 1 1 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 148 * 1 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 149 * 0 1 0 0 1 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 150 * 0 0 0 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1
CALM HOURS (=1) FOR DAY 152 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1
CALM HOURS (=1) FOR DAY 153 * 1 1 0 1 1 1 0 0 0 0 0 1 0 0 0 0 0 0 0 0 1 1 1 1
CALM HOURS (=1) FOR DAY 154 * 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 155 * 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 156 * 1 1 1 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 157 * 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1
CALM HOURS (=1) FOR DAY 158 * 1 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 159 * 1 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 160 * 1 1 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 161 * 1 1 1 1 1 1 1 1 0 0 1 0 0 0 0 0 0 0 0 0 1 1 1 1
CALM HOURS (=1) FOR DAY 162 * 1 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1
CALM HOURS (=1) FOR DAY 163 * 1 1 1 1 0 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 1 1
CALM HOURS (=1) FOR DAY 164 * 1 1 1 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 165 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0 0
CALM HOURS (=1) FOR DAY 166 * 0 1 1 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1
CALM HOURS (=1) FOR DAY 167 * 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 0
CALM HOURS (=1) FOR DAY 168 * 0 0 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1
CALM HOURS (=1) FOR DAY 169 * 1 1 1 1 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 170 * 1 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 171 * 0 0 1 1 1 1 1 0 0 0 0 1 0 1 1 0 0 0 0 0 0 0 0 0
CALM HOURS (=1) FOR DAY 172 * 1 1 0 0 1 0 0 0 0 0 0 0 0 1 0 0 0 1 0 1 0 0 0 0
CALM HOURS (=1) FOR DAY 173 * 1 0 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0
CALM HOURS (=1) FOR DAY 174 * 0 1 0 1 1 1 1 0 0 0 0 0 0 1 0 0 0 0 0 0 0 1 1 1
CALM HOURS (=1) FOR DAY 175 * 1 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 1 1 1
CALM HOURS (=1) FOR DAY 176 * 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1
CALM HOURS (=1) FOR DAY 177 * 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 178 * 0 1 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 179 * 1 0 1 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 180 * 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0
CALM HOURS (=1) FOR DAY 183 * 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 184 * 1 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1
CALM HOURS (=1) FOR DAY 185 * 1 1 1 1 1 1 1 0 0 1 1 0 1 0 0 0 0 0 0 0 1 0 0 1
CALM HOURS (=1) FOR DAY 186 * 0 1 1 1 1 1 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0
CALM HOURS (=1) FOR DAY 187 * 0 0 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 188 * 0 1 1 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 1
CALM HOURS (=1) FOR DAY 189 * 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 190 * 0 1 1 1 0 1 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0
CALM HOURS (=1) FOR DAY 191 * 0 0 0 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 192 * 1 1 1 1 1 1 1 1 1 0 0 0 1 0 0 0 0 0 0 0 1 1 1 1
CALM HOURS (=1) FOR DAY 193 * 1 1 1 0 1 1 1 1 0 0 0 1 1 0 0 0 0 0 0 0 0 1 1 0

* CALM HOURS (=1) FOR DAY 194 *	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 195 *	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 196 *	0	1	1	1	1	1	1	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 197 *	1	1	1	1	1	1	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1
* CALM HOURS (=1) FOR DAY 198 *	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
CALM HOURS (=1) FOR DAY 199 *	1	1	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 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	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 202 *	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
CALM HOURS (=1) FOR DAY 203 *	1	1	1	1	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 204 *	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
CALM HOURS (=1) FOR DAY 205 *	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
CALM HOURS (=1) FOR DAY 206 *	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	
* CALM HOURS (=1) FOR DAY 207 *	1	1	1	1	1	1	0	1	1	1	0	1	1	0	0	0	0	0	0	0	1	1	1	
* CALM HOURS (=1) FOR DAY 208 *	1	1	1	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 209 *	0	1	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1
CALM HOURS (=1) FOR DAY 210 *	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
* CALM HOURS (=1) FOR DAY 211 *	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
CALM HOURS (=1) FOR DAY 212 *	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 213 *	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
* CALM HOURS (=1) FOR DAY 214 *	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1	0
* CALM HOURS (=1) FOR DAY 215 *	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 216 *	1	1	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
CALM HOURS (=1) FOR DAY 217 *	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
* CALM HOURS (=1) FOR DAY 218 *	0	1	1	1	1	1	1	0	1	1	1	0	1	0	0	0	0	0	0	0	0	1	1	0
CALM HOURS (=1) FOR DAY 219 *	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1
CALM HOURS (=1) FOR DAY 220 *	1	1	1	1	1	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 221 *	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
CALM HOURS (=1) FOR DAY 222 *	0	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1
CALM HOURS (=1) FOR DAY 223 *	0	1	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 224 *	1	0	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 225 *	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 226 *	0	0	1	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 227 *	1	1	1	0	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY 228 *	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
CALM HOURS (=1) FOR DAY 229 *	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
CALM HOURS (=1) FOR DAY 230 *	0	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
* CALM HOURS (=1) FOR DAY 231 *	1	1	0	1	0	1	1	0	0	1	0	0	0	0	0	0	1	1	0	1	0	0	0	0
* CALM HOURS (=1) FOR DAY 232 *	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
CALM HOURS (=1) FOR DAY 233 *	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
CALM HOURS (=1) FOR DAY 234 *	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 235 *	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 237 *	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
CALM HOURS (=1) FOR DAY 238 *	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
* CALM HOURS (=1) FOR DAY 239 *	1	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 240 *	0	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
CALM HOURS (=1) FOR DAY 241 *	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
* CALM HOURS (=1) FOR DAY 242 *	1	1	1	1	1	0	1	1	1	1	0	1	0	0	1	0	0	0	0	0	1	1	1	1
* CALM HOURS (=1) FOR DAY 243 *	1	1	1	1	1	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	1	1	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	1	1	1	0	0	0
CALM HOURS (=1) FOR DAY 245 *	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	1
* CALM HOURS (=1) FOR DAY 246 *	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
CALM HOURS (=1) FOR DAY 247 *	1	1	1	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 248 *	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY 249 *	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 251 *	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 252 *	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	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY 256 *	1	1	0	0	1	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0	1	1	0	0
CALM HOURS (=1) FOR DAY 257 *	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0

* CALM HOURS (=1) FOR DAY 258 * 0 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 1 0 0 0
* CALM HOURS (=1) FOR DAY 259 * 0 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0
* CALM HOURS (=1) FOR DAY 260 * 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 263 * 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 264 * 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 0 1
* CALM HOURS (=1) FOR DAY 265 * 1 0 0 1 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1
* CALM HOURS (=1) FOR DAY 266 * 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
* CALM HOURS (=1) FOR DAY 267 * 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 268 * 0 0 0 1 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 269 * 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 1
* CALM HOURS (=1) FOR DAY 270 * 1 0 1 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 271 * 1 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 273 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1
* CALM HOURS (=1) FOR DAY 274 * 1 1 0 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
* CALM HOURS (=1) FOR DAY 275 * 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 276 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1
* CALM HOURS (=1) FOR DAY 277 * 1 1 1 1 1 1 1 1 0 0 0 0 0 0 1 0 0 0 0 1 1 1 1 1
* CALM HOURS (=1) FOR DAY 278 * 1 1 1 1 1 1 1 1 1 1 0 0 0 1 0 0 0 0 0 1 1 1 1 1
* CALM HOURS (=1) FOR DAY 279 * 1 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 1 1 1 0 1 1
* CALM HOURS (=1) FOR DAY 280 * 1 1 1 1 1 1 1 1 0 1 0 0 0 0 0 0 0 0 1 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 281 * 1 0 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 282 * 0 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 1 0
* CALM HOURS (=1) FOR DAY 283 * 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 285 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 0 1
* CALM HOURS (=1) FOR DAY 286 * 1 1 1 1 0 0 0 0 0 0 0 0 1 0 0 0 0 0 1 1 1 1 1 1
* CALM HOURS (=1) FOR DAY 287 * 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 1 1
* CALM HOURS (=1) FOR DAY 288 * 1 1 1 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0 1 1 1 0 1 1
* CALM HOURS (=1) FOR DAY 289 * 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 1 1 0 0 0 1 1 1
* CALM HOURS (=1) FOR DAY 290 * 1 1 1 1 1 1 1 1 1 0 0 1 0 0 0 0 0 0 0 0 1 0 0 1
* CALM HOURS (=1) FOR DAY 291 * 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 1 0 0 0 0 0 0 1 1
* CALM HOURS (=1) FOR DAY 292 * 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 293 * 1 1 1 1 1 1 0 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 1 1
* CALM HOURS (=1) FOR DAY 294 * 1 1 1 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 295 * 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 296 * 0 1 1 1 1 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 297 * 1 1 1 1 0 0 1 1 0 0 0 1 0 0 0 0 0 0 0 0 0 1 1 1
* CALM HOURS (=1) FOR DAY 298 * 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1
* CALM HOURS (=1) FOR DAY 299 * 1 1 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 301 * 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 302 * 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 303 * 0 0 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 1 1 1 1 1
* CALM HOURS (=1) FOR DAY 304 * 1 0 1 1 1 1 1 1 1 0 1 0 0 0 0 0 0 0 1 0 0 1 1 1
* CALM HOURS (=1) FOR DAY 305 * 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 306 * 1 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 307 * 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 308 * 0 0 0 1 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0
* CALM HOURS (=1) FOR DAY 309 * 0 1 1 1 1 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 310 * 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 311 * 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 0
* CALM HOURS (=1) FOR DAY 314 * 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 315 * 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0
* CALM HOURS (=1) FOR DAY 318 * 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1
* CALM HOURS (=1) FOR DAY 319 * 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1
* CALM HOURS (=1) FOR DAY 320 * 1 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 1 1 1 1 1 1
* CALM HOURS (=1) FOR DAY 321 * 1 1 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 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1
* CALM HOURS (=1) FOR DAY 323 * 1 1 1 1 0 1 1 1 1 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0
* CALM HOURS (=1) FOR DAY 329 * 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 330 * 0 1 1 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0
* CALM HOURS (=1) FOR DAY 331 * 1 1 1 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1

* CALM HOURS (=1) FOR DAY 332 *	1	1	1	1	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 333 *	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 334 *	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
* CALM HOURS (=1) FOR DAY 335 *	0	1	1	1	1	1	0	1	0	1	0	0	0	0	0	0	0	1	1	1	0	0	1	1
* CALM HOURS (=1) FOR DAY 336 *	1	0	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	1	1	1
CALM HOURS (=1) FOR DAY 337 *	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
CALM HOURS (=1) FOR DAY 338 *	1	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
* CALM HOURS (=1) FOR DAY 339 *	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 340 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	0	0
CALM HOURS (=1) FOR DAY 342 *	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1	1	1	1	1	1
* CALM HOURS (=1) FOR DAY 343 *	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1
CALM HOURS (=1) FOR DAY 344 *	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1
CALM HOURS (=1) FOR DAY 345 *	1	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 346 *	0	0	0	0	0	1	1	0	0	0	1	1	0	0	0	0	1	0	0	0	1	1	1	1
* CALM HOURS (=1) FOR DAY 347 *	1	1	0	0	0	1	0	1	1	0	0	0	1	0	0	0	0	0	1	1	1	1	1	1
CALM HOURS (=1) FOR DAY 348 *	0	0	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
CALM HOURS (=1) FOR DAY 349 *	1	0	1	1	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0
* CALM HOURS (=1) FOR DAY 350 *	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 351 *	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
CALM HOURS (=1) FOR DAY 352 *	0	0	1	0	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0
* CALM HOURS (=1) FOR DAY 353 *	0	1	1	1	0	1	1	1	1	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0
* CALM HOURS (=1) FOR DAY 354 *	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0
CALM HOURS (=1) FOR DAY 355 *	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1
* CALM HOURS (=1) FOR DAY 356 *	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0
* CALM HOURS (=1) FOR DAY 357 *	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0
CALM HOURS (=1) FOR DAY 358 *	1	1	1	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 359 *	1	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	1	1	1	1
* CALM HOURS (=1) FOR DAY 360 *	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	0	1	1	1	1
CALM HOURS (=1) FOR DAY 361 *	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 363 *	0	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
* CALM HOURS (=1) FOR DAY 364 *	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1
* CALM HOURS (=1) FOR DAY 365 *	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1	1	1	1	1
CALM HOURS (=1) FOR DAY 366 *	1	1	1	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

*** ISCST BY KBN 11/86 *** 1984 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 462.25803 AND OCCURRED AT (500.0, 170.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	280.55280 (187, 4)	373.33224 (112, 4)	302.65427 (112, 4)	219.20030 (112, 4)	187.73009 (320, 5)
350.0 /	293.98871 (208, 5)	316.87030C(348, 4)	340.30835 (320, 5)	363.38583 (320, 5)	333.41608 (320, 5)
340.0 /	331.51462 (217, 4)	266.53806 (198, 4)	222.25864 (166, 4)	194.22913 (366, 8)	222.07701 (366, 8)
330.0 /	336.58325 (217, 4)	275.35962 (211, 4)	290.87439 (216, 6)	242.57231 (216, 6)	192.91296 (216, 6)
320.0 /	274.71545 (228, 5)	310.59515C(366, 4)	277.04022 (168, 4)	211.63805 (168, 4)	187.57915 (197, 6)
310.0 /	322.81500 (167, 4)	305.01178 (167, 4)	283.91632 (158, 6)	252.89159 (158, 6)	216.97226 (158, 6)
300.0 /	383.52997 (167, 5)	315.07568 (99, 4)	284.48584 (192, 6)	229.77631 (192, 6)	180.34564 (274, 5)
290.0 /	425.16718 (133, 5)	415.87436 (133, 5)	259.43719 (133, 5)	205.79724 (218, 6)	196.23309 (366, 6)
280.0 /	358.45392C(160, 4)	323.97528 (239, 4)	265.44232 (78, 5)	215.78143 (78, 5)	184.09464C(353, 6)
270.0 /	375.76538 (158, 4)	331.34888 (120, 4)	278.61078 (120, 4)	209.40714 (120, 4)	164.99622C(319, 6)
260.0 /	456.30396 (158, 4)	277.19458 (238, 5)	241.48734 (33, 5)	198.07098 (33, 5)	181.79687 (33, 6)
250.0 /	363.34198 (238, 4)	340.27133 (358, 5)	314.36545 (358, 5)	235.06157 (358, 5)	172.83635 (358, 5)
240.0 /	258.56644 (238, 4)	347.99500 (270, 4)	275.93884 (358, 5)	204.82077 (358, 5)	192.80087 (268, 6)
230.0 /	258.30762 (188, 5)	327.99646 (192, 4)	233.12810 (329, 5)	221.88248 (146, 4)	231.85031 (146, 4)
220.0 /	256.97495C(218, 5)	311.08908 (276, 5)	273.14685C(9, 4)	239.72858C(9, 4)	196.40562C(9, 4)
210.0 /	261.92648 (208, 4)	385.52927 (2, 4)	351.34763 (2, 4)	273.66681 (2, 4)	209.85185 (2, 4)
200.0 /	251.80559C(242, 5)	278.54172 (4, 5)	254.67780 (362, 4)	215.55563 (362, 4)	177.49406 (4, 4)
190.0 /	317.42688 (130, 5)	284.76074 (241, 4)	237.34160 (7, 4)	197.45915 (7, 4)	203.64990 (325, 7)
180.0 /	456.71497 (130, 5)	216.67844 (69, 4)	212.09857 (69, 4)	189.06567 (21, 5)	187.68677 (327, 2)
170.0 /	462.25803 (130, 5)	240.69189 (130, 5)	198.88840 (152, 4)	176.08087 (20, 6)	198.28909 (20, 6)
160.0 /	290.25256 (153, 5)	224.24115 (288, 5)	207.34641 (151, 6)	186.17273 (151, 6)	203.50961 (21, 2)
150.0 /	294.24408 (228, 4)	387.55371 (151, 4)	323.99576 (151, 4)	243.13652 (151, 4)	190.03146 (119, 5)
140.0 /	266.56250 (229, 4)	316.79016 (318, 4)	296.51282 (38, 5)	249.02177 (38, 5)	198.78429 (38, 5)
130.0 /	256.06396 (145, 4)	294.50269 (243, 4)	290.23938 (243, 4)	234.55991 (243, 4)	183.50195 (243, 4)
120.0 /	315.16830 (259, 4)	326.49640 (230, 4)	283.30862 (115, 3)	247.52222 (115, 3)	202.57742 (115, 3)
110.0 /	362.57309 (223, 4)	367.46484 (259, 4)	302.38660 (259, 4)	232.17206 (259, 4)	177.73074 (259, 4)
100.0 /	346.47870 (258, 4)	378.04028 (258, 4)	301.86655 (258, 4)	236.95909 (258, 4)	198.58209 (172, 3)
90.0 /	259.75424 (245, 5)	421.17111 (67, 5)	340.49704 (67, 5)	252.01929 (67, 5)	188.19064 (67, 5)
80.0 /	258.17621 (172, 4)	347.62628 (76, 5)	253.34665 (76, 5)	177.14104 (315, 4)	183.23996 (80, 8)
70.0 /	256.21228 (258, 5)	324.47189 (105, 5)	242.03409 (226, 5)	210.74216 (357, 6)	217.08911 (357, 6)
60.0 /	375.28436 (223, 5)	366.23544 (315, 4)	386.43353 (354, 4)	356.52975 (354, 4)	304.78540 (354, 4)
50.0 /	358.19455 (257, 5)	294.46664 (180, 4)	266.46982 (180, 4)	203.81438 (237, 4)	189.58257 (201, 6)
40.0 /	270.40894 (111, 4)	375.86237 (111, 4)	360.15451 (123, 4)	305.32074 (123, 4)	246.51489 (123, 4)
30.0 /	255.47949 (117, 4)	336.47742 (48, 5)	267.61554 (210, 4)	207.55920 (129, 6)	212.43506 (201, 7)
20.0 /	341.21494 (156, 5)	297.08295 (48, 5)	220.01477 (48, 5)	173.82349 (34, 4)	188.25084 (10, 6)
10.0 /	341.03061 (156, 5)	327.36569 (112, 4)	247.97018 (112, 4)	197.94318 (210, 6)	191.54617 (210, 6)

*** ISCST BY KBN 11/86 *** 1984 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 462.25803 AND OCCURRED AT (500.0, 170.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	173.31085 (248, 6)
350.0 /	290.02301 (320, 5)
340.0 /	228.67880 (366, 8)
330.0 /	164.91304 (44, 5)
320.0 /	185.20395 (197, 6)
310.0 /	185.56555 (158, 6)
300.0 /	159.99959 (364, 6)
290.0 /	201.32599 (366, 6)
280.0 /	175.57822C(353, 6)
270.0 /	154.00053C(319, 6)
260.0 /	165.10732 (33, 6)
250.0 /	178.56409 (145, 7)
240.0 /	189.53336 (268, 6)
230.0 /	224.75742 (146, 4)
220.0 /	178.96678 (361, 5)
210.0 /	171.48798 (8, 4)
200.0 /	162.29454 (23, 2)
190.0 /	206.22208 (325, 7)
180.0 /	183.50987 (327, 2)
170.0 /	202.03101 (20, 6)
160.0 /	212.45059 (21, 2)
150.0 /	167.39801 (14, 2)
140.0 /	190.80600 (254, 3)
130.0 /	160.32939 (45, 6)
120.0 /	198.03775 (135, 6)
110.0 /	159.62999 (233, 4)
100.0 /	186.89807 (172, 3)
90.0 /	163.75249C(173, 3)
80.0 /	178.97852 (80, 8)
70.0 /	207.13440 (357, 6)
60.0 /	254.82072 (354, 4)
50.0 /	177.93694 (201, 6)
40.0 /	198.43591 (123, 4)
30.0 /	200.16846 (201, 7)
20.0 /	191.53552 (10, 6)
10.0 /	181.09317 (210, 6)

*** ISCST BY KBN 11/86 *** 1984 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 402.39410 AND OCCURRED AT (900.0, 90.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	251.19798 (156, 5)	331.97485C(303, 4)	262.78619C(303, 4)	217.23479 (320, 5)	184.07837 (248, 6)
350.0 /	253.63876 (247, 5)	263.67957 (112, 5)	253.99933C(348, 4)	181.27068C(348, 4)	158.36150 (65, 1)
340.0 /	275.79306 (208, 5)	260.57520 (166, 4)	187.72301 (214, 5)	167.42154 (166, 4)	152.75635 (347, 4)
330.0 /	241.14539 (228, 5)	270.17752 (216, 6)	257.50714 (211, 3)	207.33530 (211, 3)	162.16431 (211, 3)
320.0 /	226.92789 (208, 5)	297.69690 (168, 4)	273.23093C(366, 4)	208.84898C(366, 4)	183.68777 (195, 7)
310.0 /	261.07547 (167, 5)	260.85629 (203, 4)	253.68250 (41, 4)	204.53629 (41, 4)	172.20763 (179, 5)
300.0 /	279.03271 (167, 4)	288.24628 (133, 5)	270.73383 (366, 5)	219.43896 (366, 5)	179.69780 (192, 6)
290.0 /	280.20587 (111, 5)	302.65546 (160, 5)	257.22125 (218, 6)	172.91977 (366, 6)	182.89799 (301, 6)
280.0 /	344.04224 (133, 5)	289.52835 (160, 5)	241.32233 (83, 5)	206.13626 (83, 5)	169.46936 (78, 5)
270.0 /	279.85883 (157, 4)	278.96558 (159, 4)	218.05656 (159, 4)	170.43829C(319, 6)	157.43758 (120, 4)
260.0 /	349.73669 (157, 4)	259.95874 (120, 4)	219.47891 (120, 4)	194.92210 (33, 6)	160.87140 (240, 6)
250.0 /	340.91467 (158, 4)	274.32983 (238, 4)	240.73856 (40, 5)	195.22923 (40, 5)	167.21379 (203, 5)
240.0 /	237.31805 (157, 4)	301.55338 (159, 5)	252.15704 (159, 5)	184.87053 (159, 5)	177.03148 (234, 5)
230.0 /	256.86880 (167, 5)	293.16571 (276, 5)	221.54411 (192, 4)	205.85007 (329, 5)	208.04657 (17, 6)
220.0 /	241.27292C(133, 4)	286.23544 (2, 5)	258.12305 (33, 4)	219.36169 (33, 4)	180.18335 (361, 5)
210.0 /	227.53825C(133, 4)	315.64069 (276, 4)	276.00482 (276, 4)	237.38475 (352, 5)	195.33372 (352, 5)
200.0 /	250.82477 (132, 4)	259.19452 (277, 4)	225.24675 (4, 5)	202.70573 (4, 4)	172.63908 (362, 4)
190.0 /	252.70171 (134, 4)	238.43163 (220, 4)	235.65112 (241, 4)	185.85641 (326, 2)	201.94699 (326, 2)
180.0 /	265.29523 (208, 4)	214.16264 (130, 5)	204.02991 (130, 3)	177.41258 (327, 2)	175.37370 (21, 5)
170.0 /	255.08592 (219, 4)	206.46466 (152, 4)	163.98608 (4, 5)	162.71683 (234, 3)	167.63896 (13, 2)
160.0 /	279.71777 (219, 4)	200.52045 (229, 4)	181.24722 (220, 5)	175.57928 (220, 5)	166.89702 (220, 5)
150.0 /	291.66785 (153, 5)	350.23862 (288, 5)	267.42737 (119, 5)	231.17154 (119, 5)	183.11221 (151, 4)
140.0 /	260.95312 (256, 4)	271.62549 (38, 5)	287.94666 (318, 4)	219.26428 (318, 4)	191.16850 (254, 3)
130.0 /	247.79794C(171, 4)	283.56534 (255, 5)	260.12415 (69, 5)	211.22562 (69, 5)	172.76569 (45, 6)
120.0 /	242.88867 (194, 5)	315.63629 (256, 4)	261.34579 (287, 4)	208.46843 (35, 6)	196.87921 (135, 6)
110.0 /	317.93311 (258, 4)	283.98257 (258, 4)	229.44597 (156, 4)	183.04626 (233, 4)	172.82809 (233, 4)
100.0 /	313.94473 (223, 4)	373.71680 (135, 4)	288.32953 (135, 4)	227.97404 (224, 6)	187.97141 (258, 4)
90.0 /	244.74484 (142, 4)	402.39410 (135, 4)	304.25360 (135, 4)	212.67331 (135, 4)	172.81232C(173, 3)
80.0 /	230.51422 (142, 4)	305.01459 (292, 4)	208.68785 (194, 4)	173.41862 (76, 5)	162.32985 (315, 4)
70.0 /	252.05406C(243, 5)	285.32843 (155, 4)	232.94589 (315, 4)	189.82585C(196, 3)	166.52129 (236, 2)
60.0 /	302.29602 (258, 5)	344.77313 (226, 5)	340.54126 (315, 4)	255.95282 (315, 4)	201.12303 (257, 6)
50.0 /	300.37103 (223, 5)	288.78467 (237, 4)	261.05536 (237, 4)	196.51830 (180, 4)	156.04913 (237, 4)
40.0 /	261.75253 (140, 5)	341.90512 (123, 4)	278.69562 (6, 5)	239.79759 (182, 3)	202.86911 (6, 4)
30.0 /	252.81146 (156, 5)	295.14832 (210, 4)	258.37534 (129, 6)	205.24100 (201, 7)	162.00774 (129, 6)
20.0 /	258.11160C(134, 5)	218.84842 (210, 4)	197.60303 (210, 4)	168.57794 (10, 4)	179.63873 (10, 4)
10.0 /	256.39087 (134, 4)	252.72360 (141, 4)	227.45081 (183, 4)	184.04576 (292, 5)	173.52678 (150, 4)

*** ISCST BY KBN 11/86 *** 1984 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 402.39410 AND OCCURRED AT (900.0, 90.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	156.80075 (320, 5)
350.0 /	164.20276 (65, 1)
340.0 /	136.54898 (347, 4)
330.0 /	153.60550 (216, 6)
320.0 /	174.05984 (195, 7)
310.0 /	162.82715 (99, 8)
300.0 /	150.07047 (274, 5)
290.0 /	181.98776 (301, 6)
280.0 /	155.90324 (202, 4)
270.0 /	148.11598 (279, 6)
260.0 /	151.43964 (74, 6)
250.0 /	153.71458 (203, 5)
240.0 /	168.24429 (234, 5)
230.0 /	217.30420 (17, 6)
220.0 /	170.92133 (262, 7)
210.0 /	163.34052 (2, 4)
200.0 /	155.83987 (300, 1)
190.0 /	200.99821 (326, 2)
180.0 /	182.65532 (15, 2)
170.0 /	182.69006 (13, 2)
160.0 /	160.02695 (261, 1)
150.0 /	161.18199 (151, 2)
140.0 /	166.52081C(92, 3)
130.0 /	154.60722 (96, 7)
120.0 /	193.87506 (27, 6)
110.0 /	141.55710C(290, 4)
100.0 /	150.43994 (258, 4)
90.0 /	144.18396 (67, 5)
80.0 /	141.30432 (315, 4)
70.0 /	175.47014 (236, 2)
60.0 /	189.07605 (257, 6)
50.0 /	148.10210 (125, 3)
40.0 /	183.94809 (6, 4)
30.0 /	153.56332 (58, 7)
20.0 /	176.32983 (10, 4)
10.0 /	165.60840 (150, 4)

*** ISCST BY KBN 11/86 *** 1984 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 402.39410 AND OCCURRED AT (900.0, 90.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	156.80075 (320, 5)
350.0 /	164.20276 (65, 1)
340.0 /	136.54898 (347, 4)
330.0 /	153.60550 (216, 6)
320.0 /	174.05984 (195, 7)
310.0 /	162.82715 (99, 8)
300.0 /	150.07047 (274, 5)
290.0 /	181.98776 (301, 6)
280.0 /	155.90324 (202, 4)
270.0 /	148.11598 (279, 6)
260.0 /	151.43964 (74, 6)
250.0 /	153.71458 (203, 5)
240.0 /	168.24429 (234, 5)
230.0 /	217.30420 (17, 6)
220.0 /	170.92133 (262, 7)
210.0 /	163.34052 (2, 4)
200.0 /	155.83987 (300, 1)
190.0 /	200.99821 (326, 2)
180.0 /	182.65532 (15, 2)
170.0 /	182.69006 (13, 2)
160.0 /	160.02695 (261, 1)
150.0 /	161.18199 (151, 2)
140.0 /	166.52081C(92, 3)
130.0 /	154.60722 (96, 7)
120.0 /	193.87506 (27, 6)
110.0 /	141.55710C(290, 4)
100.0 /	150.43994 (258, 4)
90.0 /	144.18396 (67, 5)
80.0 /	141.30432 (315, 4)
70.0 /	175.47014 (236, 2)
60.0 /	189.07605 (257, 6)
50.0 /	148.10210 (125, 3)
40.0 /	183.94809 (6, 4)
30.0 /	153.56332 (58, 7)
20.0 /	176.32983 (10, 4)
10.0 /	165.60840 (150, 4)

*** ISCST BY KBN 11/86 *** 1984 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 402.39410 AND OCCURRED AT (900.0, 90.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	156.80075 (320, 5)
350.0 /	164.20276 (65, 1)
340.0 /	136.54898 (347, 4)
330.0 /	153.60550 (216, 6)
320.0 /	174.05984 (195, 7)
310.0 /	162.82715 (99, 8)
300.0 /	150.07047 (274, 5)
290.0 /	181.98776 (301, 6)
280.0 /	155.90324 (202, 4)
270.0 /	148.11598 (279, 6)
260.0 /	151.43964 (74, 6)
250.0 /	153.71458 (203, 5)
240.0 /	168.24429 (234, 5)
230.0 /	217.30420 (17, 6)
220.0 /	170.92133 (262, 7)
210.0 /	163.34052 (2, 4)
200.0 /	155.83987 (300, 1)
190.0 /	200.99821 (326, 2)
180.0 /	182.65532 (15, 2)
170.0 /	182.69006 (13, 2)
160.0 /	160.02695 (261, 1)
150.0 /	161.18199 (151, 2)
140.0 /	166.52081C(92, 3)
130.0 /	154.60722 (96, 7)
120.0 /	193.87506 (27, 6)
110.0 /	141.55710C(290, 4)
100.0 /	150.43994 (258, 4)
90.0 /	144.18396 (67, 5)
80.0 /	141.30432 (315, 4)
70.0 /	175.47014 (236, 2)
60.0 /	189.07605 (257, 6)
50.0 /	148.10210 (125, 3)
40.0 /	183.94809 (6, 4)
30.0 /	153.56332 (58, 7)
20.0 /	176.32983 (10, 4)
10.0 /	165.60840 (150, 4)

*** ISCST BY KBN 11/86 *** 1984 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 1100, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 462.89304 AND OCCURRED AT (500.0, 170.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	291.44083 (227, 5)	374.05750 (112, 4)	307.16718 (112, 4)	226.97429 (112, 4)	188.38870 (320, 5)
350.0 /	321.59549 (227, 5)	316.97894C(348, 4)	340.89209 (320, 5)	364.79575 (320, 5)	335.84927 (320, 5)
340.0 /	334.17950 (217, 4)	266.63446 (198, 4)	227.82916 (166, 4)	194.32727 (366, 8)	222.30917 (366, 8)
330.0 /	338.86044 (217, 4)	279.20325 (211, 4)	291.74911 (216, 6)	244.99657 (216, 6)	197.23291 (216, 6)
320.0 /	277.79239 (228, 5)	310.99182C(366, 4)	277.96497 (168, 4)	214.01433 (168, 4)	188.46788 (197, 6)
310.0 /	338.62662 (167, 4)	321.64142 (167, 4)	289.15350 (158, 6)	261.21161 (158, 6)	228.35278 (158, 6)
300.0 /	437.80365 (167, 5)	332.10361 (99, 4)	297.58820 (192, 6)	244.56982 (192, 6)	196.40897 (192, 6)
290.0 /	429.83078 (133, 5)	421.73950 (133, 5)	274.22357 (133, 5)	218.47952 (218, 6)	219.69806 (234, 5)
280.0 /	358.76862C(160, 4)	324.81683 (239, 4)	266.49261 (78, 5)	218.93646 (78, 5)	184.88054C(353, 6)
270.0 /	375.79132 (158, 4)	331.81866 (120, 4)	283.94150 (120, 4)	218.77454 (120, 4)	168.95105 (120, 4)
260.0 /	456.32385 (158, 4)	292.41235 (238, 5)	290.29639 (33, 5)	240.87540 (33, 5)	191.48204 (33, 5)
250.0 /	365.89276 (238, 4)	340.57660 (358, 5)	315.43539 (358, 5)	242.18987 (330, 4)	197.70976 (203, 5)
240.0 /	260.56802 (238, 4)	351.31073 (270, 4)	276.47958 (358, 5)	205.91507 (358, 5)	196.58202 (234, 5)
230.0 /	297.97961 (167, 5)	365.88397 (276, 5)	279.97235 (276, 5)	256.29910 (329, 5)	235.29570 (146, 4)
220.0 /	299.49875C(218, 5)	391.32477 (2, 5)	354.08920 (2, 5)	296.23474 (2, 5)	252.75949C(9, 4)
210.0 /	291.59161 (208, 4)	436.42725 (2, 4)	403.94373 (2, 4)	328.57916 (2, 4)	268.03027 (352, 5)
200.0 /	288.92920 (178, 4)	296.01672 (4, 5)	288.97287 (362, 4)	246.16190 (362, 4)	201.19835 (362, 4)
190.0 /	317.89343 (130, 5)	287.96558 (241, 4)	240.15271 (241, 4)	198.51651 (7, 4)	204.19835 (325, 7)
180.0 /	457.37427 (130, 5)	228.31845 (130, 5)	213.82358 (69, 4)	192.72504 (352, 5)	188.08359 (327, 2)
170.0 /	462.89304 (130, 5)	249.99088 (130, 5)	214.27072 (352, 5)	220.07964 (352, 5)	198.53081 (20, 6)
160.0 /	316.14801 (153, 5)	243.48624 (229, 4)	209.61572 (151, 6)	190.17607 (151, 6)	203.80878 (21, 2)
150.0 /	317.19489 (153, 5)	390.00156 (151, 4)	330.66821 (151, 4)	252.92712 (151, 4)	195.59344 (119, 5)
140.0 /	298.23807 (229, 4)	317.50073 (318, 4)	298.61127 (38, 5)	252.88531 (38, 5)	204.22330 (38, 5)
130.0 /	260.90067 (145, 4)	294.99951 (243, 4)	291.80847 (243, 4)	237.49139 (243, 4)	187.72604 (243, 4)
120.0 /	318.08981 (259, 4)	330.53381 (230, 4)	285.62689 (115, 3)	251.48911 (115, 3)	215.88310C(161, 4)
110.0 /	363.68567 (223, 4)	374.00729 (259, 4)	308.88736 (259, 4)	239.41467 (259, 4)	185.81082 (259, 4)
100.0 /	347.53949 (258, 4)	386.04388 (258, 4)	310.33990 (258, 4)	245.89572 (258, 4)	199.94835 (172, 3)
90.0 /	260.66443 (245, 5)	424.27374 (67, 5)	347.72705 (67, 5)	261.88055 (67, 5)	199.16887 (67, 5)
80.0 /	261.43240 (172, 4)	349.67453 (76, 5)	258.30115 (76, 5)	180.42075 (76, 5)	184.99278 (80, 8)
70.0 /	256.60455 (258, 5)	327.00189 (105, 5)	242.72099 (226, 5)	210.91986 (357, 6)	217.37114 (357, 6)
60.0 /	375.99121 (223, 5)	366.46872 (315, 4)	388.74500 (354, 4)	360.45349 (354, 4)	309.81308 (354, 4)
50.0 /	359.74701 (257, 5)	370.47211 (180, 4)	339.78354 (180, 4)	265.77130 (180, 4)	206.54092 (180, 4)
40.0 /	270.41913 (111, 4)	377.96643 (111, 4)	361.51596 (123, 4)	308.46454 (123, 4)	251.69388 (123, 4)
30.0 /	255.56029 (117, 4)	336.61044 (48, 5)	268.34750 (210, 4)	210.04967 (129, 6)	212.53081 (201, 7)
20.0 /	341.39581 (156, 5)	297.41699 (48, 5)	222.51889 (48, 5)	174.80325 (34, 4)	188.34863 (10, 6)
10.0 /	341.21658 (156, 5)	327.73999 (112, 4)	250.54369 (112, 4)	198.31409 (210, 6)	192.29987 (210, 6)

*** ISCST BY KBN 11/86 *** 1984 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 1100, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 462.89304 AND OCCURRED AT (500.0, 170.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	175.36284 (248, 6)
350.0 /	293.40308 (320, 5)
340.0 /	229.12126 (366, 8)
330.0 /	165.20203 (44, 5)
320.0 /	186.77185 (197, 6)
310.0 /	199.11682 (158, 6)
300.0 /	195.51700 (364, 6)
290.0 /	217.52637 (234, 5)
280.0 /	176.85431C(353, 6)
270.0 /	155.20898C(319, 6)
260.0 /	167.00383 (33, 6)
250.0 /	178.86339 (145, 7)
240.0 /	190.45123 (268, 6)
230.0 /	227.08441 (146, 4)
220.0 /	215.66406C(9, 4)
210.0 /	232.28946 (352, 5)
200.0 /	177.66672 (276, 4)
190.0 /	207.24200 (325, 7)
180.0 /	184.31686 (327, 2)
170.0 /	202.48102 (20, 6)
160.0 /	212.94489 (21, 2)
150.0 /	167.51917 (14, 2)
140.0 /	192.15701 (254, 3)
130.0 /	163.76712 (45, 6)
120.0 /	202.52763C(161, 4)
110.0 /	163.90193 (233, 4)
100.0 /	188.83398 (172, 3)
90.0 /	164.28693C(173, 3)
80.0 /	181.60924 (80, 8)
70.0 /	207.55884 (357, 6)
60.0 /	260.42963 (354, 4)
50.0 /	177.93694 (201, 6)
40.0 /	205.31473 (123, 4)
30.0 /	200.17133 (201, 7)
20.0 /	191.75182 (10, 6)
10.0 /	182.34531 (210, 6)

*** ISCST BY KBN 11/86 *** 1984 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 1100, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 462.89304 AND OCCURRED AT (500.0, 170.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	291.44083 (227, 5)	374.05750 (112, 4)	307.16718 (112, 4)	226.97429 (112, 4)	188.38870 (320, 5)
350.0 /	321.59549 (227, 5)	316.97894C(348, 4)	340.89209 (320, 5)	364.79575 (320, 5)	335.84927 (320, 5)
340.0 /	334.17950 (217, 4)	266.63446 (198, 4)	227.82916 (166, 4)	194.32727 (366, 8)	222.30917 (366, 8)
330.0 /	338.86044 (217, 4)	279.20325 (211, 4)	291.74911 (216, 6)	244.99657 (216, 6)	197.23291 (216, 6)
320.0 /	277.79239 (228, 5)	310.99182C(366, 4)	277.96497 (168, 4)	214.01433 (168, 4)	188.46788 (197, 6)
310.0 /	338.62662 (167, 4)	321.64142 (167, 4)	289.15350 (158, 6)	261.21161 (158, 6)	228.35278 (158, 6)
300.0 /	437.80365 (167, 5)	332.10361 (99, 4)	297.58820 (192, 6)	244.56982 (192, 6)	196.40897 (192, 6)
290.0 /	429.83078 (133, 5)	421.73950 (133, 5)	274.22357 (133, 5)	218.47952 (218, 6)	219.69806 (234, 5)
280.0 /	358.76862C(160, 4)	324.81683 (239, 4)	266.49261 (78, 5)	218.93646 (78, 5)	184.88054C(353, 6)
270.0 /	375.79132 (158, 4)	331.81866 (120, 4)	283.94150 (120, 4)	218.77454 (120, 4)	168.95105 (120, 4)
260.0 /	456.32385 (158, 4)	292.41235 (238, 5)	290.29639 (33, 5)	240.87540 (33, 5)	191.48204 (33, 5)
250.0 /	365.89276 (238, 4)	340.57660 (358, 5)	315.43539 (358, 5)	242.18987 (330, 4)	197.70976 (203, 5)
240.0 /	260.56802 (238, 4)	351.31073 (270, 4)	276.47958 (358, 5)	205.91507 (358, 5)	196.58202 (234, 5)
230.0 /	297.97961 (167, 5)	365.88397 (276, 5)	279.97235 (276, 5)	256.29910 (329, 5)	235.29570 (146, 4)
220.0 /	299.49875C(218, 5)	391.32477 (2, 5)	354.08920 (2, 5)	296.23474 (2, 5)	252.75949C(9, 4)
210.0 /	291.59161 (208, 4)	436.42725 (2, 4)	403.94373 (2, 4)	328.57916 (2, 4)	268.03027 (352, 5)
200.0 /	288.92920 (178, 4)	296.01672 (4, 5)	288.97287 (362, 4)	246.16190 (362, 4)	201.19835 (362, 4)
190.0 /	317.89343 (130, 5)	287.96558 (241, 4)	240.15271 (241, 4)	198.51651 (7, 4)	204.19835 (325, 7)
180.0 /	457.37427 (130, 5)	228.31845 (130, 5)	213.82358 (69, 4)	192.72504 (352, 5)	188.08359 (327, 2)
170.0 /	462.89304 (130, 5)	249.99088 (130, 5)	214.27072 (352, 5)	220.07964 (352, 5)	198.53081 (20, 6)
160.0 /	316.14801 (153, 5)	243.48624 (229, 4)	209.61572 (151, 6)	190.17607 (151, 6)	203.80878 (21, 2)
150.0 /	317.19489 (153, 5)	390.00156 (151, 4)	330.66821 (151, 4)	252.92712 (151, 4)	195.59344 (119, 5)
140.0 /	298.23807 (229, 4)	317.50073 (318, 4)	298.61127 (38, 5)	252.88531 (38, 5)	204.22330 (38, 5)
130.0 /	260.90067 (145, 4)	294.99951 (243, 4)	291.80847 (243, 4)	237.49139 (243, 4)	187.72604 (243, 4)
120.0 /	318.08981 (259, 4)	330.53381 (230, 4)	285.62689 (115, 3)	251.48911 (115, 3)	215.88310C(161, 4)
110.0 /	363.68567 (223, 4)	374.00729 (259, 4)	308.88736 (259, 4)	239.41467 (259, 4)	185.81082 (259, 4)
100.0 /	347.53949 (258, 4)	386.04388 (258, 4)	310.33990 (258, 4)	245.89572 (258, 4)	199.94835 (172, 3)
90.0 /	260.66443 (245, 5)	424.27374 (67, 5)	347.72705 (67, 5)	261.88055 (67, 5)	199.16887 (67, 5)
80.0 /	261.43240 (172, 4)	349.67453 (76, 5)	258.30115 (76, 5)	180.42075 (76, 5)	184.99278 (80, 8)
70.0 /	256.60455 (258, 5)	327.00189 (105, 5)	242.72099 (226, 5)	210.91986 (357, 6)	217.37114 (357, 6)
60.0 /	375.99121 (223, 5)	366.46872 (315, 4)	388.74500 (354, 4)	360.45349 (354, 4)	309.81308 (354, 4)
50.0 /	359.74701 (257, 5)	370.47211 (180, 4)	339.78354 (180, 4)	265.77130 (180, 4)	206.54092 (180, 4)
40.0 /	270.41913 (111, 4)	377.96643 (111, 4)	361.51596 (123, 4)	308.46454 (123, 4)	251.69388 (123, 4)
30.0 /	255.56029 (117, 4)	336.61044 (48, 5)	268.34750 (210, 4)	210.04967 (129, 6)	212.53081 (201, 7)
20.0 /	341.39581 (156, 5)	297.41699 (48, 5)	222.51889 (48, 5)	174.80325 (34, 4)	188.34863 (10, 6)
10.0 /	341.21658 (156, 5)	327.73999 (112, 4)	250.54369 (112, 4)	198.31409 (210, 6)	192.29987 (210, 6)

*** ISCST BY KBN 11/86 *** 1984 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 1100, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 462.89304 AND OCCURRED AT (500.0, 170.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	175.36284 (248, 6)
350.0 /	293.40308 (320, 5)
340.0 /	229.12126 (366, 8)
330.0 /	165.20203 (44, 5)
320.0 /	186.77185 (197, 6)
310.0 /	199.11682 (158, 6)
300.0 /	195.51700 (364, 6)
290.0 /	217.52637 (234, 5)
280.0 /	176.85431C(353, 6)
270.0 /	155.20898C(319, 6)
260.0 /	167.00383 (33, 6)
250.0 /	178.86339 (145, 7)
240.0 /	190.45123 (268, 6)
230.0 /	227.08441 (146, 4)
220.0 /	215.66406C(9, 4)
210.0 /	232.28946 (352, 5)
200.0 /	177.66672 (276, 4)
190.0 /	207.24200 (325, 7)
180.0 /	184.31686 (327, 2)
170.0 /	202.48102 (20, 6)
160.0 /	212.94489 (21, 2)
150.0 /	167.51917 (14, 2)
140.0 /	192.15701 (254, 3)
130.0 /	163.76712 (45, 6)
120.0 /	202.52763C(161, 4)
110.0 /	163.90193 (233, 4)
100.0 /	188.83398 (172, 3)
90.0 /	164.28693C(173, 3)
80.0 /	181.60924 (80, 8)
70.0 /	207.55884 (357, 6)
60.0 /	260.42963 (354, 4)
50.0 /	177.93694 (201, 6)
40.0 /	205.31473 (123, 4)
30.0 /	200.17133 (201, 7)
20.0 /	191.75182 (10, 6)
10.0 /	182.34531 (210, 6)

*** ISCST BY KBN 11/86 *** 1984 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 1100, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 406.18237 AND OCCURRED AT (900.0, 90.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	280.55292 (187, 4)	332.22534C(303, 4)	265.06058C(303, 4)	217.54956 (320, 5)	185.36969 (248, 6)
350.0 /	295.31525 (208, 5)	263.96661 (112, 5)	255.63342C(348, 4)	184.64340C(348, 4)	167.59099 (358, 5)
340.0 /	277.05261 (208, 5)	261.66614 (166, 4)	188.54161 (214, 5)	181.88614 (219, 6)	181.84293 (219, 6)
330.0 /	244.33572 (228, 5)	270.26306 (216, 6)	258.69119 (211, 3)	211.01251 (211, 3)	168.83820 (211, 3)
320.0 /	228.04124 (208, 5)	297.83401 (168, 4)	274.84778C(366, 4)	212.50333C(366, 4)	184.93590 (195, 7)
310.0 /	316.03867 (167, 5)	264.09863 (203, 4)	257.15924 (41, 4)	214.52826 (179, 5)	185.63373 (179, 5)
300.0 /	294.18448 (167, 4)	295.52051 (192, 6)	283.05640 (366, 5)	233.29697 (366, 5)	192.21941 (274, 5)
290.0 /	314.27521 (167, 5)	304.63281 (160, 5)	267.70294 (218, 6)	204.16679 (234, 5)	198.20117 (366, 6)
280.0 /	349.08102 (133, 5)	298.56253 (188, 5)	259.90430 (188, 5)	211.13754 (188, 5)	174.99101 (78, 5)
270.0 /	280.83188 (157, 4)	279.83777 (159, 4)	222.50768 (159, 4)	170.84740C(319, 6)	165.75746C(319, 6)
260.0 /	350.57660 (157, 4)	282.43515 (33, 5)	248.22656 (331, 4)	216.13756 (331, 4)	186.18411 (331, 4)
250.0 /	340.92966 (158, 4)	291.36386 (330, 4)	291.49716 (330, 4)	237.29385 (358, 5)	195.96526 (353, 4)
240.0 /	237.96649 (157, 4)	305.26758 (159, 5)	257.84540 (159, 5)	200.79997 (146, 5)	193.25980 (268, 6)
230.0 /	288.29156 (188, 5)	351.52350 (192, 4)	278.73553 (329, 5)	226.95044 (146, 4)	230.01767 (329, 5)
220.0 /	290.45380C(133, 4)	375.30896 (276, 5)	329.36084C(9, 4)	295.91174C(9, 4)	249.69962 (2, 5)
210.0 /	277.54242C(133, 4)	400.48837 (276, 4)	363.06152 (276, 4)	308.90610 (352, 5)	266.91858 (2, 4)
200.0 /	270.83826 (208, 4)	281.68097 (276, 4)	261.97668 (276, 4)	225.33452 (276, 4)	197.61516 (276, 4)
190.0 /	281.81848 (178, 4)	244.81895 (4, 5)	237.84355 (7, 4)	190.02776 (276, 4)	202.41534 (326, 2)
180.0 /	299.24359 (208, 4)	219.34442 (219, 4)	205.89206 (130, 3)	191.42398 (21, 5)	179.11357 (21, 5)
170.0 /	256.77798 (219, 4)	207.16937 (152, 4)	207.78815 (4, 5)	204.77341 (4, 5)	196.94794 (352, 5)
160.0 /	280.73138 (219, 4)	225.56908 (288, 5)	187.59763 (229, 4)	180.74821 (220, 5)	172.38719 (220, 5)
150.0 /	295.47028 (228, 4)	351.28391 (288, 5)	271.26892 (119, 5)	236.31938 (119, 5)	194.52994 (151, 4)
140.0 /	262.62521 (256, 4)	272.16000 (38, 5)	290.22229 (318, 4)	223.05437 (318, 4)	192.02161 (254, 3)
130.0 /	249.82007C(171, 4)	285.24350 (255, 5)	263.04929 (69, 5)	216.48755 (69, 5)	175.63370 (45, 6)
120.0 /	243.12488 (194, 5)	318.43951 (256, 4)	263.38974 (287, 4)	216.30307 (97, 4)	207.89055 (115, 3)
110.0 /	318.88116 (258, 4)	291.37317 (258, 4)	234.23344 (244, 5)	185.61737 (233, 4)	176.40575 (233, 4)
100.0 /	315.00839 (223, 4)	376.44739 (135, 4)	294.48801 (135, 4)	231.05847 (224, 6)	197.17520 (258, 4)
90.0 /	245.45142 (142, 4)	406.18237 (135, 4)	312.49396 (135, 4)	223.72704 (135, 4)	173.19054C(173, 3)
80.0 /	231.30756 (142, 4)	307.20032 (292, 4)	212.15897 (194, 4)	177.33635 (315, 4)	162.60013 (315, 4)
70.0 /	255.78210C(243, 5)	287.81036 (155, 4)	233.46196 (315, 4)	192.29773C(196, 3)	166.83411 (236, 2)
60.0 /	303.16443 (258, 5)	345.06308 (226, 5)	341.54193 (315, 4)	258.13144 (315, 4)	202.37346 (257, 6)
50.0 /	301.40808 (223, 5)	296.77661 (237, 4)	266.94678 (237, 4)	209.90747 (237, 4)	189.58257 (201, 6)
40.0 /	261.77686 (140, 5)	342.11975 (123, 4)	300.39282 (180, 4)	248.14525 (180, 4)	208.56079 (180, 4)
30.0 /	252.88074 (156, 5)	295.23990 (210, 4)	259.27826 (129, 6)	206.70172 (201, 7)	166.27168 (129, 6)
20.0 /	261.94568C(134, 5)	218.94730 (210, 4)	198.40976 (210, 4)	168.89713 (10, 4)	180.45929 (10, 4)
10.0 /	256.47012 (134, 4)	253.21294 (141, 4)	228.30475 (183, 4)	185.73407 (183, 4)	174.44334 (150, 4)

*** ISCST BY KBN 11/86 *** 1984 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 1100, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 406.18237 AND OCCURRED AT (900.0, 90.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	157.86942 (320, 5)
350.0 /	203.64360 (358, 5)
340.0 /	161.39525 (219, 6)
330.0 /	159.58585 (216, 6)
320.0 /	175.62933 (195, 7)
310.0 /	184.52989 (99, 8)
300.0 /	174.03215 (131, 6)
290.0 /	203.96378 (366, 6)
280.0 /	156.47250 (202, 4)
270.0 /	151.18288 (279, 6)
260.0 /	163.26822 (331, 4)
250.0 /	176.67691 (203, 5)
240.0 /	189.87346 (234, 5)
230.0 /	217.74133 (17, 6)
220.0 /	215.14423 (2, 5)
210.0 /	221.87427 (2, 4)
200.0 /	165.67654 (362, 4)
190.0 /	201.91333 (326, 2)
180.0 /	182.87334 (15, 2)
170.0 /	183.00809 (13, 2)
160.0 /	162.77582 (220, 5)
150.0 /	162.26271 (151, 2)
140.0 /	166.79604C(92, 3)
130.0 /	155.94925 (96, 7)
120.0 /	199.46722 (135, 6)
110.0 /	147.03125 (259, 4)
100.0 /	159.64868 (258, 4)
90.0 /	155.30988 (67, 5)
80.0 /	141.63576 (315, 4)
70.0 /	175.93761 (236, 2)
60.0 /	190.92090 (257, 6)
50.0 /	162.26266 (180, 4)
40.0 /	187.00214 (6, 4)
30.0 /	153.86169 (58, 7)
20.0 /	177.86986 (10, 4)
10.0 /	167.38240 (192, 4)

*** ISCST BY KBN 11/86 *** 1984 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 749.96155 AND OCCURRED AT (900.0, 290.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	387.59314 (156, 5)	607.73016 (112, 4)	597.47144 (112, 4)	534.31030 (112, 4)	464.97922 (112, 4)
350.0 /	392.59259 (208, 5)	449.36462C(348, 4)	507.03180 (320, 5)	560.51678 (320, 5)	541.91016 (320, 5)
340.0 /	399.36511 (217, 4)	476.88385 (166, 4)	498.00946 (166, 4)	457.03110 (166, 4)	398.16357 (166, 4)
330.0 /	432.97443 (217, 4)	540.11914 (217, 4)	478.38513 (216, 6)	458.99435 (216, 6)	425.53571 (216, 6)
320.0 /	365.18967 (228, 5)	482.69287 (197, 5)	468.69788C(366, 4)	434.12228C(366, 4)	393.03769 (187, 6)
310.0 /	453.53854 (167, 5)	615.90430 (167, 4)	529.13208 (158, 6)	547.50085 (158, 6)	530.32050 (158, 6)
300.0 /	559.35187 (167, 5)	620.19897 (167, 5)	527.96173 (192, 6)	514.52588 (192, 6)	481.48691 (192, 6)
290.0 /	531.06885 (133, 5)	749.96155 (133, 5)	621.27527 (133, 5)	488.48520 (133, 5)	407.22482 (133, 5)
280.0 /	434.34546C(160, 4)	613.32037 (239, 4)	601.66229 (239, 4)	510.04974 (239, 4)	412.24994 (239, 4)
270.0 /	522.34387 (158, 4)	578.83533 (120, 4)	621.61090 (120, 4)	570.63849 (120, 4)	498.50079 (120, 4)
260.0 /	541.91357 (158, 4)	551.97791 (238, 4)	475.47919 (238, 5)	440.48926 (238, 5)	418.58249 (331, 4)
250.0 /	455.54773 (238, 4)	523.80963 (238, 4)	467.13287 (358, 5)	422.08130 (314, 5)	385.45932 (40, 5)
240.0 /	327.02142 (167, 5)	491.48520 (192, 4)	459.93256 (192, 4)	416.73190 (146, 6)	385.51483 (146, 6)
230.0 /	372.36316 (167, 5)	547.55231 (276, 5)	518.61206 (276, 5)	480.81174 (329, 5)	460.90118 (329, 5)
220.0 /	367.67432C(133, 4)	505.04395 (2, 5)	527.76495 (2, 5)	491.13629 (2, 5)	443.76596 (2, 5)
210.0 /	387.10217 (208, 4)	600.59204 (2, 4)	639.92993 (2, 4)	602.78577 (2, 4)	549.63312 (2, 4)
200.0 /	416.23218 (178, 4)	402.72150 (4, 5)	387.31152 (276, 4)	374.57385 (4, 4)	361.78058 (235, 4)
190.0 /	547.71765 (130, 5)	464.84497 (241, 4)	465.88452 (241, 4)	418.52924 (241, 4)	363.89972 (241, 4)
180.0 /	722.74512 (130, 5)	602.64203 (130, 5)	403.37720 (69, 4)	396.32016 (21, 5)	389.24658 (21, 5)
170.0 /	671.69861 (130, 5)	555.68335 (130, 5)	396.69202 (152, 4)	371.68262 (152, 4)	329.73596 (152, 4)
160.0 /	490.61816 (153, 5)	402.00214 (229, 4)	387.20209 (151, 6)	382.24902 (151, 6)	356.75925 (151, 6)
150.0 /	483.65161 (153, 5)	692.21423 (151, 4)	680.44226 (151, 4)	601.32166 (151, 4)	514.74890 (151, 4)
140.0 /	464.85876 (229, 4)	478.39880 (318, 4)	501.74545 (38, 5)	475.62314 (38, 5)	432.10458 (38, 5)
130.0 /	477.71738 (145, 4)	514.70874 (255, 5)	519.85229 (255, 5)	465.60349 (255, 5)	405.57739 (69, 5)
120.0 /	494.91406 (259, 4)	573.12915 (194, 5)	495.31848 (230, 4)	461.23117 (97, 4)	426.61935 (97, 4)
110.0 /	518.25677 (259, 4)	674.56958 (259, 4)	574.86572 (259, 4)	505.02960 (259, 4)	442.61981 (259, 4)
100.0 /	529.53943 (258, 4)	694.35394 (258, 4)	577.81903 (258, 4)	496.84937 (258, 4)	433.86218 (258, 4)
90.0 /	378.31555 (258, 4)	713.15002 (135, 4)	673.23132 (135, 4)	576.99438 (135, 4)	483.34210 (67, 5)
80.0 /	427.07697 (172, 4)	502.21674 (76, 5)	463.13452 (76, 5)	396.42712 (76, 5)	351.98975 (80, 8)
70.0 /	402.44318 (172, 4)	491.25696 (105, 5)	451.34274 (105, 5)	380.94977 (113, 5)	344.41302 (113, 5)
60.0 /	453.65424 (223, 5)	583.59064 (225, 4)	547.33521 (354, 4)	549.54492 (354, 4)	506.13120 (354, 4)
50.0 /	459.65192 (223, 5)	573.24146 (237, 4)	497.76816 (237, 4)	444.33551 (237, 4)	398.96066 (237, 4)
40.0 /	432.33575 (257, 5)	588.05823 (111, 4)	587.65503 (111, 4)	518.31470 (111, 4)	451.21796 (123, 4)
30.0 /	322.26648 (111, 4)	511.03381 (111, 4)	450.42529 (111, 4)	399.36264 (123, 4)	358.23080 (123, 4)
20.0 /	430.58673 (156, 5)	464.36737 (48, 5)	431.21979 (247, 5)	381.17120 (48, 5)	345.59705 (10, 4)
10.0 /	475.79395 (156, 5)	439.49097 (112, 4)	420.25363 (112, 4)	363.43796 (112, 4)	332.05634 (183, 4)

*** ISCST BY KBN 11/86 *** 1984 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 749.96155 AND OCCURRED AT (900.0, 290.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	397.93051 (112, 4)
350.0 /	500.68414 (320, 5)
340.0 /	380.61499 (366, 8)
330.0 /	387.74854 (216, 6)
320.0 /	377.36020 (187, 6)
310.0 /	496.24838 (158, 6)
300.0 /	438.42966 (192, 6)
290.0 /	364.25317 (120, 6)
280.0 /	376.15414 (78, 5)
270.0 /	426.66943 (120, 4)
260.0 /	385.95142 (331, 4)
250.0 /	352.00983 (40, 5)
240.0 /	352.57126 (234, 5)
230.0 /	426.69659 (329, 5)
220.0 /	405.17615C(9, 4)
210.0 /	494.06390 (2, 4)
200.0 /	343.09503 (235, 4)
190.0 /	359.03345 (325, 7)
180.0 /	370.55307 (21, 5)
170.0 /	325.65411 (20, 6)
160.0 /	348.13620 (21, 2)
150.0 /	436.84265 (151, 4)
140.0 /	386.76147 (38, 5)
130.0 /	360.66388 (69, 5)
120.0 /	386.78705 (97, 4)
110.0 /	386.42670 (259, 4)
100.0 /	379.39996 (258, 4)
90.0 /	411.85300 (67, 5)
80.0 /	365.48212 (80, 8)
70.0 /	306.75772 (355, 5)
60.0 /	453.58936 (354, 4)
50.0 /	355.25751 (237, 4)
40.0 /	409.69641 (123, 4)
30.0 /	323.93085 (129, 6)
20.0 /	357.64197 (10, 4)
10.0 /	315.36868 (210, 6)

*** ISCST BY KBN 11/86 *** 1984 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 645.85120 AND OCCURRED AT (900.0, 90.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	343.71008 (187, 4)	459.73984C(303, 4)	447.29343C(303, 4)	384.04294C(303, 4)	340.69543 (50, 5)
350.0 /	370.31931 (227, 5)	422.27219 (112, 5)	437.53659C(348, 4)	377.17075C(348, 4)	325.08417 (118, 4)
340.0 /	398.71826 (208, 5)	463.24023 (208, 5)	359.87839 (198, 4)	330.82520 (366, 8)	368.56723 (366, 8)
330.0 /	315.99557 (228, 5)	475.32809 (211, 4)	469.66510 (211, 4)	446.26361 (211, 3)	415.91669 (211, 3)
320.0 /	314.75912 (208, 5)	460.70941C(366, 4)	463.62366 (197, 5)	418.67267 (197, 5)	392.05573C(366, 4)
310.0 /	447.47815 (167, 4)	482.08789 (159, 6)	522.41522 (159, 6)	504.84027 (159, 6)	469.06226 (159, 6)
300.0 /	401.20129 (111, 5)	562.61462 (133, 5)	526.53210 (218, 6)	498.97485 (218, 6)	457.65350 (366, 5)
290.0 /	385.75262C(160, 4)	537.41669 (160, 5)	522.82410 (160, 5)	451.33850 (160, 5)	388.31943 (218, 6)
280.0 /	390.40231 (133, 5)	506.26880C(160, 4)	490.42084 (188, 5)	443.70383 (188, 5)	411.27353 (78, 5)
270.0 /	412.16913 (157, 4)	485.15765 (158, 4)	446.70276 (239, 5)	425.68124 (239, 5)	379.72690 (239, 5)
260.0 /	480.46967 (238, 4)	470.64011 (158, 4)	437.33444 (331, 4)	439.53513 (331, 4)	384.54773 (33, 5)
250.0 /	397.14597 (157, 4)	458.33359 (358, 5)	449.45529 (314, 5)	410.30283 (358, 5)	378.88657 (314, 5)
240.0 /	322.20581 (192, 4)	464.91028 (137, 5)	438.81726 (137, 5)	398.95575 (192, 4)	353.52084 (234, 5)
230.0 /	342.45493C(218, 5)	456.99109 (192, 4)	466.45990 (329, 5)	461.96613 (276, 5)	396.81677 (276, 5)
220.0 /	348.17169C(218, 5)	451.41730 (276, 5)	462.81213C(9, 4)	464.06674C(9, 4)	438.12570C(9, 4)
210.0 /	358.54269 (178, 4)	511.12924 (276, 4)	506.36484 (276, 4)	466.98132 (276, 4)	425.75275 (276, 4)
200.0 /	366.91632 (208, 4)	375.75790 (276, 4)	377.38586 (4, 5)	367.98627 (235, 4)	342.63550 (4, 4)
190.0 /	379.58517 (208, 4)	429.20667 (130, 5)	408.26416 (286, 4)	392.21185 (286, 4)	356.19183 (286, 4)
180.0 /	392.26630 (208, 4)	396.43188 (219, 4)	397.83356 (151, 5)	386.22849 (69, 4)	351.05579 (69, 4)
170.0 /	458.35825 (219, 4)	360.37500 (152, 4)	336.94110 (130, 5)	306.61279 (184, 5)	314.94183 (20, 6)
160.0 /	480.61627 (219, 4)	381.18356 (219, 4)	365.69818 (220, 5)	362.10974 (220, 5)	347.92587 (220, 5)
150.0 /	479.37366 (228, 4)	539.62433 (288, 5)	484.50146 (119, 5)	439.33893 (119, 5)	382.04205 (119, 5)
140.0 /	419.40643 (256, 4)	445.12863 (38, 5)	466.43451 (318, 4)	402.00998 (177, 5)	359.05249 (177, 5)
130.0 /	403.53357 (256, 4)	509.76328 (224, 4)	469.51364 (155, 3)	446.42453 (69, 5)	401.78772 (255, 5)
120.0 /	457.96616 (145, 4)	564.99603 (230, 4)	493.62964 (256, 4)	451.90088 (115, 3)	414.94153 (115, 3)
110.0 /	501.05002 (223, 4)	536.55078 (223, 4)	466.98944 (244, 5)	429.76538 (244, 5)	374.56378 (244, 5)
100.0 /	509.41254 (223, 4)	509.85629 (135, 4)	490.48618 (98, 4)	466.04889 (98, 4)	420.30237 (98, 4)
90.0 /	367.87778 (135, 4)	645.85120 (67, 5)	639.00232 (67, 5)	563.92334 (67, 5)	479.69867 (135, 4)
80.0 /	328.32233 (142, 4)	481.70966 (67, 5)	420.55884 (67, 5)	368.78778 (194, 4)	332.53381 (76, 5)
70.0 /	333.33228 (258, 5)	455.83356 (155, 4)	406.36078 (155, 4)	380.15060 (105, 5)	321.59766 (355, 5)
60.0 /	426.62000 (258, 5)	533.54932 (237, 4)	500.84091 (225, 4)	434.06357 (225, 5)	380.84921 (315, 4)
50.0 /	456.40973 (257, 5)	555.13660 (225, 4)	482.23322 (225, 4)	412.52008 (140, 4)	361.11435 (140, 4)
40.0 /	356.49915 (121, 5)	473.97934 (121, 5)	509.37714 (123, 4)	491.78513 (123, 4)	434.87640 (111, 4)
30.0 /	312.00827 (117, 4)	409.12192 (48, 5)	426.28662 (123, 4)	376.25067 (129, 6)	354.73163 (129, 6)
20.0 /	310.41901C(134, 5)	426.92975 (247, 5)	431.12558 (48, 5)	376.63135 (247, 5)	327.10168 (48, 5)
10.0 /	311.10022 (111, 5)	424.39694 (117, 4)	364.09943 (183, 4)	356.50317 (183, 4)	311.71674 (210, 6)

*** ISCST BY KBN 11/86 *** 1984 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 645.85120 AND OCCURRED AT (900.0, 90.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	330.18765 (248, 6)
350.0 /	280.93478 (118, 4)
340.0 /	339.22452 (166, 4)
330.0 /	379.81506 (211, 3)
320.0 /	347.74435C(366, 4)
310.0 /	426.32211 (159, 6)
300.0 /	417.42993 (366, 5)
290.0 /	356.57858 (218, 6)
280.0 /	332.42975 (188, 5)
270.0 /	327.69031 (239, 5)
260.0 /	347.15472 (33, 5)
250.0 /	334.03796 (138, 4)
240.0 /	343.79318 (146, 6)
230.0 /	354.21713 (251, 4)
220.0 /	398.21396 (2, 5)
210.0 /	385.05145 (276, 4)
200.0 /	303.48349 (4, 4)
190.0 /	349.87518 (326, 2)
180.0 /	339.49329 (276, 3)
170.0 /	292.73663 (13, 2)
160.0 /	328.80264 (220, 5)
150.0 /	332.43100 (119, 5)
140.0 /	345.56683 (254, 3)
130.0 /	342.71991 (255, 5)
120.0 /	374.89478 (115, 3)
110.0 /	330.68097 (233, 4)
100.0 /	370.36755 (98, 4)
90.0 /	395.24960 (135, 4)
80.0 /	280.76685 (194, 4)
70.0 /	301.89746 (113, 5)
60.0 /	339.12598 (315, 4)
50.0 /	330.20193 (125, 3)
40.0 /	379.26242 (6, 5)
30.0 /	315.33197 (123, 4)
20.0 /	292.51346 (141, 3)
10.0 /	300.36792 (183, 4)

ISCSTK6 MODEL, A VERSION OF
ISCST (VERSION 86170)
AN AIR QUALITY DISPERSION MODEL IN
SECTION 1. GUIDELINE MODELS.
IN UNAMAP (VERSION 6) JULY 1986.
SOURCE: FILE 6 ON UNAMAP MAGNETIC TAPE FROM NTIS.

CONVERTED BY :
KBN ENGINEERING AND APPLIED SCIENCES, INC.
GAINESVILLE, FLORIDA
(904)375-8000

CARD INPUT FILE IS	GPAAQS3H.I85
SUMMARY OUTPUT FILE IS	GPAAQS3H.O85
METEOROLOGICAL FILE IS	C:\AIRPROG\JAXPRE85.BIN
TITLE OF RUN IS	1985 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87

*** ISCST BY KBN 11/86 *** 1985 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

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) = 2
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) = 0
PRINT 'N'-DAY TABLE(S) (YES=1,NO=0)	ISW(15) = 0
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) = 0
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 = 12
NUMBER OF SOURCE GROUPS (=0,ALL SOURCES)	NGROUP = 3
TIME PERIOD INTERVAL TO BE PRINTED (=0,ALL INTERVALS)	IPERD = 0
NUMBER OF X (RANGE) GRID VALUES	NXPNTS = 6
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 = 6.10 METERS
LOGICAL UNIT NUMBER OF METEOROLOGICAL DATA	IMET = 9
DECAY COEFFICIENT FOR PHYSICAL OR CHEMICAL DEPLETION	DECAY =0.000000E+00
SURFACE STATION NO.	ISS = 13889
YEAR OF SURFACE DATA	ISY = 85
UPPER AIR STATION NO.	IUS = 13861
YEAR OF UPPER AIR DATA	IUY = 85
ALLOCATED DATA STORAGE	LIMIT = 20000 WORDS
REQUIRED DATA STORAGE FOR THIS PROBLEM RUN	MIMIT = 6294 WORDS

*** ISCST BY KBN 11/86 *** 1985 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

*** 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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*** NUMBER OF SOURCE NUMBERS REQUIRED TO DEFINE SOURCE GROUPS ***
(NSOGRP)

1, 4, 3,

*** SOURCE NUMBERS DEFINING SOURCE GROUPS ***
(IDSOR)

103, 103, 1100, 9991, 9992, 103, 800, -9994,

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

1.50, 3.10, 5.10, 8.20, 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

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

500.0, 900.0, 1300.0, 1700.0, 2100.0, 2500.0,

*** 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,

*** SOURCE DATA ***

SOURCE NUMBER	TYPE	WAKE	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)
103	0	0	0	0.15120E+03	0.0	0.0	0.0	65.00	561.00	13.50	0.98	0.00	0.00	0.00
400	0	0	0	-.15100E+02	-15.0	30.0	0.0	76.20	367.00	8.80	3.66	0.00	0.00	0.00
500	0	0	0	-.86000E+01	-43.0	7.0	0.0	40.50	372.00	7.28	3.41	0.00	0.00	0.00
800	0	0	0	0.37700E+02	-165.0	14.0	0.0	76.20	474.00	13.93	4.02	0.00	0.00	0.00
1000	0	0	0	0.88800E+02	-88.0	64.0	0.0	76.20	450.00	15.39	3.66	0.00	0.00	0.00
1100	0	0	0	0.40500E+02	-192.0	58.0	0.0	70.10	489.00	22.20	3.66	0.00	0.00	0.00
1200	0	0	0	0.45200E+02	-78.0	110.0	0.0	37.00	474.00	14.54	1.22	0.00	0.00	0.00
1300	0	0	0	0.34740E+03	-87.0	88.0	0.0	70.70	501.00	17.15	2.74	0.00	0.00	0.00
9990	0	0	0	0.20110E+03	9100.0	-5700.0	0.0	22.30	458.00	31.70	3.14	0.00	0.00	0.00
9991	0	0	0	0.20110E+03	9100.0	-5700.0	0.0	22.30	458.00	31.70	3.14	0.00	0.00	0.00
9992	0	0	0	0.16360E+04	4600.0	5800.0	0.0	205.00	326.00	8.40	15.52	0.00	0.00	0.00
9994	0	0	0	0.37080E+03	8650.0	-5700.0	0.0	45.70	408.00	11.90	3.96	0.00	0.00	0.00

* CALM HOURS (=1) FOR DAY	1 *	0	0	1	0	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	2 *	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	5 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1
CALM HOURS (=1) FOR DAY	6 *	1	1	1	1	0	0	1	0	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
* CALM HOURS (=1) FOR DAY	7 *	1	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	8 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1
CALM HOURS (=1) FOR DAY	9 *	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	10 *	0	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1
* CALM HOURS (=1) FOR DAY	11 *	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	13 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
* CALM HOURS (=1) FOR DAY	14 *	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	15 *	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	16 *	1	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1
CALM HOURS (=1) FOR DAY	19 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
* CALM HOURS (=1) FOR DAY	20 *	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	23 *	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	24 *	1	1	1	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	26 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
* CALM HOURS (=1) FOR DAY	27 *	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	0
CALM HOURS (=1) FOR DAY	28 *	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	29 *	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	1	1	1
* CALM HOURS (=1) FOR DAY	30 *	1	1	1	1	1	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CALM HOURS (=1) FOR DAY	31 *	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	36 *	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	38 *	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	39 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
CALM HOURS (=1) FOR DAY	40 *	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
* CALM HOURS (=1) FOR DAY	41 *	1	1	1	1	1	1	0	1	1	0	0	0	1	0	0	0	0	0	0	0	1	1	1	1
* CALM HOURS (=1) FOR DAY	42 *	1	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	45 *	0	0	0	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
CALM HOURS (=1) FOR DAY	46 *	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
* CALM HOURS (=1) FOR DAY	47 *	1	1	1	1	1	0	1	1	0	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1
CALM HOURS (=1) FOR DAY	48 *	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	1	1	1	1	1

* CALM HOURS (=1) FOR DAY 49 *	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 50 *	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	1	1	0
CALM HOURS (=1) FOR DAY 51 *	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 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
* CALM HOURS (=1) FOR DAY 53 *	0	1	1	1	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 54 *	0	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 56 *	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
* CALM HOURS (=1) FOR DAY 57 *	0	0	0	1	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 58 *	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 59 *	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 60 *	0	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 61 *	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
CALM HOURS (=1) FOR DAY 62 *	1	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 63 *	0	0	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 64 *	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
CALM HOURS (=1) FOR DAY 65 *	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 67 *	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1
* CALM HOURS (=1) FOR DAY 68 *	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
* CALM HOURS (=1) FOR DAY 69 *	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 70 *	1	1	1	1	1	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 71 *	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 72 *	1	1	1	1	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
CALM HOURS (=1) FOR DAY 73 *	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
* CALM HOURS (=1) FOR DAY 78 *	1	1	1	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 79 *	1	1	1	1	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 80 *	1	0	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 81 *	0	0	0	0	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 82 *	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
CALM HOURS (=1) FOR DAY 83 *	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 *	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
* CALM HOURS (=1) FOR DAY 85 *	1	0	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 86 *	1	0	1	1	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 87 *	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 88 *	0	1	1	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 89 *	1	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 90 *	1	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 92 *	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 93 *	1	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 94 *	0	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 95 *	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 96 *	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1
CALM HOURS (=1) FOR DAY 97 *	0	0	1	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	1	1	1	1	0	
CALM HOURS (=1) FOR DAY 98 *	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 99 *	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1
* CALM HOURS (=1) FOR DAY 100 *	1	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
CALM HOURS (=1) FOR DAY 101 *	1	1	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 102 *	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 104 *	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 105 *	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 106 *	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 107 *	1	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 108 *	1	1	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 109 *	1	1	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 110 *	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1
* CALM HOURS (=1) FOR DAY 111 *	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
CALM HOURS (=1) FOR DAY 112 *	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
CALM HOURS (=1) FOR DAY 113 *	1	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 114 *	1	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	
CALM HOURS (=1) FOR DAY 115 *	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1

* CALM HOURS (=1) FOR DAY 116 * 1 1 1 1 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 1 1 0
* CALM HOURS (=1) FOR DAY 117 * 0 1 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 0 0
* CALM HOURS (=1) FOR DAY 118 * 1 1 1 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 121 * 0 1 1 1 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1
* CALM HOURS (=1) FOR DAY 122 * 1 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 123 * 0 0 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0
* CALM HOURS (=1) FOR DAY 125 * 0 0 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0
* CALM HOURS (=1) FOR DAY 126 * 1 1 1 1 1 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1
* CALM HOURS (=1) FOR DAY 128 * 0 0 0 0 1 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0
* CALM HOURS (=1) FOR DAY 129 * 0 1 1 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1
* CALM HOURS (=1) FOR DAY 130 * 1 0 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0
* CALM HOURS (=1) FOR DAY 131 * 1 1 0 1 1 1 1 1 0 0 0 0 0 0 1 0 0 0 0 0 0 0 1 1
* CALM HOURS (=1) FOR DAY 132 * 1 1 1 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 1
* CALM HOURS (=1) FOR DAY 133 * 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 134 * 0 1 1 1 1 1 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 1 1 1
* CALM HOURS (=1) FOR DAY 135 * 1 1 1 0 1 0 0 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 1
* CALM HOURS (=1) FOR DAY 136 * 1 1 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0
* CALM HOURS (=1) FOR DAY 138 * 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 139 * 1 1 1 1 1 1 0 1 0 0 0 0 0 0 0 1 1 0 0 1 1 0 1 1
* CALM HOURS (=1) FOR DAY 140 * 0 1 1 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 141 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0
* CALM HOURS (=1) FOR DAY 142 * 1 0 1 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 143 * 1 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0
* CALM HOURS (=1) FOR DAY 145 * 1 1 1 1 0 0 0 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 1 1
* CALM HOURS (=1) FOR DAY 146 * 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 147 * 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 148 * 1 1 1 1 1 1 1 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0
* CALM HOURS (=1) FOR DAY 149 * 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 150 * 1 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0
* CALM HOURS (=1) FOR DAY 151 * 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 153 * 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 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 1 0 0 0 1 0
* CALM HOURS (=1) FOR DAY 155 * 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 159 * 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 160 * 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 161 * 0 0 0 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 162 * 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
* 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 0 0
* CALM HOURS (=1) FOR DAY 164 * 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 165 * 1 1 1 1 0 1 1 1 0 0 0 0 0 1 0 0 0 0 0 0 0 1 1 0
* CALM HOURS (=1) FOR DAY 166 * 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 0 0 0 0
* CALM HOURS (=1) FOR DAY 168 * 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 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 1 0 0 1 0
* CALM HOURS (=1) FOR DAY 171 * 0 0 0 0 1 1 0 0 0 0 1 0 0 0 0 0 0 0 0 1 1 1 0 1
* CALM HOURS (=1) FOR DAY 172 * 1 1 1 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 173 * 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1
* CALM HOURS (=1) FOR DAY 174 * 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1
* CALM HOURS (=1) FOR DAY 175 * 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 1 1 1
* CALM HOURS (=1) FOR DAY 176 * 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1
* CALM HOURS (=1) FOR DAY 177 * 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0
* CALM HOURS (=1) FOR DAY 178 * 0 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 179 * 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 1 1 0 0 0 1
* CALM HOURS (=1) FOR DAY 180 * 1 1 1 1 1 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 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 0 1 0 0 0
* CALM HOURS (=1) FOR DAY 184 * 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 185 * 0 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 186 * 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 1 0 0 0 1
* CALM HOURS (=1) FOR DAY 187 * 0 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 188 * 0 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 0
* CALM HOURS (=1) FOR DAY 189 * 1 0 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 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	1	0	0	0	1	0	0
* CALM HOURS (=1) FOR DAY 191 *	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 192 *	0	0	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
* CALM HOURS (=1) FOR DAY 193 *	1	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 194 *	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	0	0	1	1	0	1	1	1
* CALM HOURS (=1) FOR DAY 195 *	1	1	1	1	1	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1
* CALM HOURS (=1) FOR DAY 196 *	1	1	1	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	1	0	1
* CALM HOURS (=1) FOR DAY 197 *	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
* CALM HOURS (=1) FOR DAY 198 *	0	0	1	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1
* CALM HOURS (=1) FOR DAY 199 *	1	1	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 200 *	1	1	1	1	1	1	1	1	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	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 202 *	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 203 *	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 204 *	1	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 205 *	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 206 *	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 207 *	1	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	
* CALM HOURS (=1) FOR DAY 208 *	0	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
* CALM HOURS (=1) FOR DAY 209 *	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 210 *	0	0	1	1	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
* CALM HOURS (=1) FOR DAY 211 *	1	1	1	1	1	1	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	1	1	
* CALM HOURS (=1) FOR DAY 212 *	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1
* CALM HOURS (=1) FOR DAY 213 *	0	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 214 *	0	0	0	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 216 *	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 217 *	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 218 *	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
* CALM HOURS (=1) FOR DAY 219 *	0	0	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
* CALM HOURS (=1) FOR DAY 220 *	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 221 *	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 222 *	0	1	1	1	1	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	1
* CALM HOURS (=1) FOR DAY 223 *	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
* CALM HOURS (=1) FOR DAY 224 *	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
* CALM HOURS (=1) FOR DAY 225 *	1	1	1	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 226 *	1	1	1	1	1	1	1	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	
* CALM HOURS (=1) FOR DAY 227 *	1	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 228 *	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
* CALM HOURS (=1) FOR DAY 229 *	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 230 *	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 231 *	0	0	0	1	1	0	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0	1	1	
* CALM HOURS (=1) FOR DAY 232 *	0	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 233 *	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 234 *	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	
* CALM HOURS (=1) FOR DAY 235 *	1	1	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
* CALM HOURS (=1) FOR DAY 236 *	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	0	0	0	0	1	1	1	
* CALM HOURS (=1) FOR DAY 237 *	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0
* CALM HOURS (=1) FOR DAY 238 *	1	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 239 *	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 240 *	0	0	1	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 241 *	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 242 *	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 245 *	0	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 246 *	1	1	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 247 *	1	0	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
* CALM HOURS (=1) FOR DAY 248 *	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
* CALM HOURS (=1) FOR DAY 249 *	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	0	0	0	0	0	1	1	1	
* CALM HOURS (=1) FOR DAY 250 *	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
* CALM HOURS (=1) FOR DAY 251 *	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	
* CALM HOURS (=1) FOR DAY 252 *	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0

* CALM HOURS (=1) FOR DAY 253 * 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 0 0 0 0 0 0
* CALM HOURS (=1) FOR DAY 254 * 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 255 * 0 1 0 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1
* CALM HOURS (=1) FOR DAY 256 * 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 260 * 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 261 * 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 264 * 0 0 0 1 1 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 265 * 0 1 1 1 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 1 0 1 0
* CALM HOURS (=1) FOR DAY 266 * 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 267 * 0 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0 1 0 0 1 0 1 1 1
* CALM HOURS (=1) FOR DAY 268 * 1 1 1 0 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 1 1 1
* CALM HOURS (=1) FOR DAY 269 * 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 270 * 0 0 0 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 271 * 1 1 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 272 * 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 273 * 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 274 * 1 1 1 1 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 275 * 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 1 0 1 1 1
* CALM HOURS (=1) FOR DAY 276 * 1 1 1 1 1 1 1 1 1 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0
* CALM HOURS (=1) FOR DAY 277 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 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 0
* CALM HOURS (=1) FOR DAY 279 * 0 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 280 * 0 1 1 1 1 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 281 * 1 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 284 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0 0 0
* CALM HOURS (=1) FOR DAY 285 * 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 286 * 0 0 0 0 0 1 0 0 0 0 0 0 0 1 0 0 0 0 0 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 287 * 1 1 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 1 1 0
* CALM HOURS (=1) FOR DAY 288 * 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 1 0 0 0 1 0
* CALM HOURS (=1) FOR DAY 289 * 1 1 1 0 1 0 1 1 1 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0
* CALM HOURS (=1) FOR DAY 290 * 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 292 * 0 0 0 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1
* CALM HOURS (=1) FOR DAY 293 * 0 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 0
* CALM HOURS (=1) FOR DAY 294 * 1 1 1 1 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 1 1 1
* CALM HOURS (=1) FOR DAY 295 * 1 1 1 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 296 * 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 297 * 1 1 1 1 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 298 * 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 299 * 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 301 * 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 305 * 0 0 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 306 * 1 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 1 1 1 0 1 0 0
* CALM HOURS (=1) FOR DAY 307 * 1 1 1 1 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 310 * 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 311 * 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 312 * 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 1
* CALM HOURS (=1) FOR DAY 313 * 1 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 314 * 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 315 * 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 316 * 0 0 0 0 1 1 0 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0 1 1
* CALM HOURS (=1) FOR DAY 317 * 1 1 1 1 1 1 1 1 1 1 0 1 0 0 0 0 0 0 0 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 318 * 1 0 1 1 1 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 1 1
* CALM HOURS (=1) FOR DAY 319 * 1 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 1 1 1 1
* CALM HOURS (=1) FOR DAY 320 * 1 1 1 1 1 1 1 1 0 1 0 1 0 0 0 0 0 0 0 0 1 1 1 1 1
* CALM HOURS (=1) FOR DAY 321 * 1 1 1 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 1
* CALM HOURS (=1) FOR DAY 322 * 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 324 * 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 326 * 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 327 * 0 1 1 1 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 1 0 1 1
* CALM HOURS (=1) FOR DAY 328 * 0 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 0

```
* CALM HOURS (=1) FOR DAY 329 *  0  1  1  1  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  1  1  1  1
* CALM HOURS (=1) FOR DAY 330 *  1  1  1  1  1  1  1  1  1  0  0  0  0  0  0  0  0  0  0  1  0  0  0  0
* CALM HOURS (=1) FOR DAY 331 *  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 332 *  0  0  1  1  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 333 *  1  0  1  1  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 334 *  0  0  0  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  1  0  0  1
* CALM HOURS (=1) FOR DAY 335 *  1  0  1  1  1  0  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 339 *  0  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 341 *  1  1  0  1  0  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  1  0  1  1
* CALM HOURS (=1) FOR DAY 342 *  0  0  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  1  1  1
* CALM HOURS (=1) FOR DAY 343 *  1  1  1  1  1  1  1  1  1  0  0  0  0  0  0  0  0  0  1  1  1  1  1  1
* CALM HOURS (=1) FOR DAY 344 *  1  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 345 *  1  1  1  1  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 347 *  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 349 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  1  1  0  0
* CALM HOURS (=1) FOR DAY 350 *  0  1  1  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  1  1  1
* CALM HOURS (=1) FOR DAY 351 *  1  1  1  1  1  1  1  1  0  0  0  0  1  0  0  0  0  1  1  1  1  1  1  1
* CALM HOURS (=1) FOR DAY 352 *  0  0  1  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 353 *  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  1  1  1  1
* CALM HOURS (=1) FOR DAY 354 *  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 355 *  0  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 356 *  1  0  0  0  0  1  1  1  1  0  0  0  0  0  0  0  0  0  1  1  1  0  1  1
* CALM HOURS (=1) FOR DAY 357 *  0  0  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 361 *  0  0  0  1  1  1  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0
* CALM HOURS (=1) FOR DAY 362 *  0  0  1  1  1  1  1  0  1  1  0  0  0  0  0  0  0  0  0  0  0  1  1  1
* CALM HOURS (=1) FOR DAY 363 *  1  1  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 364 *  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  1  0  0  1  1  1  1  1
* CALM HOURS (=1) FOR DAY 365 *  1  1  1  1  1  1  1  1  1  0  0  0  0  0  0  0  0  0  0  0  1  0  0  0
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*** ISCST BY KBN 11/86 *** 1985 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 484.22443 AND OCCURRED AT (500.0, 210.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	476.63361 (157, 5)	315.27512 (157, 5)	243.34631 (219, 4)	217.99753 (219, 4)	182.42822 (332, 5)
350.0 /	385.50766 (157, 5)	381.94800 (94, 5)	308.14243 (94, 5)	226.68481 (94, 5)	221.19420 (247, 6)
340.0 /	361.71176 (113, 5)	266.99817 (345, 4)	280.38715 (345, 4)	231.43466 (345, 4)	183.36565 (345, 4)
330.0 /	361.39471 (228, 5)	324.22693 (238, 5)	230.07159 (70, 6)	190.75446 (70, 6)	150.99585 (70, 6)
320.0 /	366.62802 (208, 5)	311.29382 (287, 5)	303.38156 (177, 5)	256.70343 (217, 4)	219.31535C(307, 6)
310.0 /	302.81903 (251, 5)	420.04379 (209, 6)	365.12299 (209, 6)	279.11902 (209, 6)	216.91980 (245, 6)
300.0 /	257.34753 (202, 4)	314.23462 (70, 4)	282.24323 (195, 6)	247.45805 (241, 3)	224.89165 (241, 3)
290.0 /	268.81256 (116, 5)	371.99506 (235, 5)	342.03076 (235, 5)	267.80579 (235, 5)	206.24272 (235, 5)
280.0 /	254.01450 (208, 4)	292.99524 (110, 5)	247.97891 (313, 5)	204.13220 (112, 6)	191.51697 (112, 6)
270.0 /	195.19385 (132, 4)	235.73947 (314, 5)	227.50983 (314, 5)	188.54019 (268, 6)	206.84262 (268, 6)
260.0 /	232.24644 (132, 4)	318.00787 (125, 5)	305.39560 (225, 5)	245.25499 (225, 5)	198.28488 (101, 6)
250.0 /	341.78973 (235, 4)	272.49103 (235, 4)	235.89653 (296, 4)	189.68015 (296, 4)	201.44212 (243, 2)
240.0 /	313.24567 (235, 4)	376.49487 (199, 6)	320.28711C(222, 4)	306.94415C(222, 4)	263.35651C(222, 4)
230.0 /	293.49847 (133, 5)	262.86203C(130, 3)	272.69467C(130, 3)	234.31828C(130, 3)	196.08066 (66, 6)
220.0 /	346.85068 (131, 4)	326.16946 (364, 4)	308.71161 (364, 4)	233.18826 (364, 4)	185.70718 (124, 3)
210.0 /	484.22443 (131, 4)	246.28667 (281, 3)	252.46281 (281, 3)	205.77702 (281, 3)	161.74284 (281, 3)
200.0 /	390.01801 (131, 4)	356.64355 (108, 4)	347.15903 (108, 4)	282.70361 (108, 4)	222.77490 (108, 4)
190.0 /	289.07971 (254, 4)	292.30862 (254, 4)	310.14120 (40, 4)	262.53006 (40, 4)	209.77771 (40, 4)
180.0 /	441.09003 (190, 4)	258.76389 (155, 4)	252.08502C(351, 6)	225.78665 (342, 4)	228.18719 (342, 4)
170.0 /	467.68182 (190, 4)	281.81064 (98, 4)	282.73853 (46, 4)	281.16675 (139, 5)	277.96240 (139, 5)
160.0 /	347.55975 (190, 4)	347.59125 (289, 4)	242.85197 (289, 4)	178.57610 (285, 4)	157.57401 (250, 4)
150.0 /	320.16055 (147, 4)	271.46255 (147, 4)	197.27576 (349, 4)	190.00713 (269, 5)	171.26964 (269, 5)
140.0 /	268.65771 (198, 4)	236.07480 (355, 5)	286.84344 (177, 4)	278.05249 (177, 4)	238.97913 (177, 4)
130.0 /	359.05109 (136, 4)	362.85944 (253, 4)	282.33771 (289, 5)	226.86707 (356, 5)	188.89868 (177, 4)
120.0 /	296.11179 (136, 4)	357.80615 (160, 4)	314.36520 (153, 6)	265.03635 (154, 6)	223.19170 (154, 6)
110.0 /	262.45227 (185, 5)	278.32980 (191, 6)	226.79874 (349, 5)	192.07834 (349, 5)	164.51639C(118, 3)
100.0 /	289.16769 (185, 5)	327.14233 (161, 5)	314.60419 (161, 5)	244.79141 (161, 5)	186.13965 (161, 5)
90.0 /	286.20746 (190, 5)	336.40314 (197, 4)	271.57666 (197, 4)	213.72604 (188, 5)	193.94211 (188, 5)
80.0 /	438.32590 (230, 4)	350.63983 (142, 5)	254.36534 (10, 5)	207.14911 (183, 3)	213.73106 (308, 2)
70.0 /	446.54510 (230, 4)	300.85962 (183, 5)	296.69659 (183, 3)	254.58057 (183, 3)	207.82990 (183, 3)
60.0 /	373.86743 (183, 5)	339.55536 (180, 4)	250.06247 (237, 4)	210.00485 (237, 4)	169.34616 (168, 4)
50.0 /	477.88672C(231, 4)	305.59631 (181, 6)	329.20630 (181, 6)	273.76962 (181, 6)	216.91061 (181, 6)
40.0 /	376.48996C(231, 4)	284.80896 (357, 4)	326.77783 (188, 3)	314.47592 (188, 3)	270.57376 (188, 3)
30.0 /	341.43307 (114, 4)	320.65955 (191, 5)	250.14268 (277, 4)	201.69444 (277, 4)	157.67746 (277, 4)
20.0 /	252.68602 (192, 5)	248.59833 (95, 5)	243.54892 (87, 6)	196.57599 (87, 6)	160.46001C(229, 3)
10.0 /	303.30835 (228, 4)	307.52960C(63, 4)	284.35077C(159, 3)	219.14749 (247, 5)	206.17259 (206, 3)

*** ISCST BY KBN 11/86 *** 1985 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 484.22443 AND OCCURRED AT (500.0, 210.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	194.56659 (37, 6)
350.0 /	213.01495 (247, 6)
340.0 /	166.31654C(210, 3)
330.0 /	140.49004 (244, 6)
320.0 /	213.54233C(307, 6)
310.0 /	200.95300 (245, 6)
300.0 /	201.20847 (241, 3)
290.0 /	172.28159 (113, 6)
280.0 /	174.55756 (112, 6)
270.0 /	207.08389 (268, 6)
260.0 /	204.04953 (101, 6)
250.0 /	205.85318 (243, 2)
240.0 /	219.63333C(222, 4)
230.0 /	194.39268 (66, 6)
220.0 /	185.98694 (124, 3)
210.0 /	153.18204 (315, 2)
200.0 /	180.29399 (315, 3)
190.0 /	211.86815 (140, 3)
180.0 /	213.79730 (342, 4)
170.0 /	255.45488 (139, 5)
160.0 /	139.75319 (250, 4)
150.0 /	150.96802 (269, 5)
140.0 /	198.70769 (177, 4)
130.0 /	159.80173 (21, 4)
120.0 /	186.33890 (198, 4)
110.0 /	158.20123 (18, 2)
100.0 /	159.72374 (43, 2)
90.0 /	167.66772 (188, 5)
80.0 /	223.88994 (308, 2)
70.0 /	168.60596 (183, 3)
60.0 /	155.91197 (347, 6)
50.0 /	172.03842 (181, 6)
40.0 /	226.12169 (188, 3)
30.0 /	158.78056 (358, 6)
20.0 /	155.94241C(229, 3)
10.0 /	221.52240 (206, 3)

*** ISCST BY KBN 11/86 *** 1985 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 380.96368 AND OCCURRED AT (500.0, 360.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	380.96368 (114, 5)	286.43253 (86, 5)	239.33775 (86, 5)	180.87169 (332, 5)	179.81720 (219, 4)
350.0 /	329.62778 (209, 4)	306.14450 (208, 4)	238.57886 (86, 4)	219.40317 (247, 6)	191.79362 (304, 6)
340.0 /	341.14804 (210, 5)	264.26245 (208, 4)	184.55460C(253, 6)	167.35629C(253, 6)	166.59752C(210, 3)
330.0 /	324.41754 (210, 5)	242.79533 (228, 5)	215.44756 (238, 5)	163.24609C(253, 6)	137.43478 (244, 6)
320.0 /	365.48071 (228, 5)	306.81332 (228, 5)	299.66025 (217, 4)	253.73923 (177, 5)	207.22002 (217, 4)
310.0 /	243.58179 (204, 4)	334.22775 (78, 5)	301.62927 (219, 5)	251.68353 (219, 5)	212.37000 (209, 6)
300.0 /	243.72160 (204, 4)	282.36774 (195, 6)	257.10089 (241, 3)	226.10954 (195, 6)	175.37053 (195, 6)
290.0 /	235.97369 (250, 4)	335.95654 (266, 4)	269.18634 (266, 4)	209.33194 (113, 6)	191.04919 (113, 6)
280.0 /	207.82085 (240, 5)	264.24948 (218, 5)	226.75720 (248, 5)	201.36119 (313, 5)	161.50159 (266, 5)
270.0 /	176.41411 (208, 4)	229.78679 (100, 4)	225.35130 (235, 6)	185.94391 (235, 6)	173.29587C(227, 3)
260.0 /	222.83167 (125, 5)	304.74225 (225, 5)	248.33066 (268, 5)	192.77011 (268, 5)	190.63278 (225, 5)
250.0 /	191.01016C(116, 4)	271.59833 (303, 5)	221.83727 (225, 5)	179.08665 (200, 5)	169.79942 (200, 5)
240.0 /	276.09512 (254, 5)	259.81201 (235, 4)	318.85956 (199, 6)	240.12596 (199, 6)	180.84329 (199, 6)
230.0 /	235.10875 (251, 4)	256.32693 (132, 6)	226.09512 (174, 5)	181.45798 (66, 6)	191.52121C(130, 3)
220.0 /	239.76831 (133, 5)	240.56407 (337, 5)	244.28220 (337, 5)	202.90900 (298, 4)	182.37164 (298, 4)
210.0 /	132.42778 (133, 5)	217.35764 (108, 4)	199.75987 (312, 4)	165.64162 (303, 4)	158.06664 (303, 4)
200.0 /	260.01410 (254, 4)	334.32239 (145, 6)	291.62308 (59, 4)	249.15140 (59, 4)	200.98015 (59, 4)
190.0 /	287.16537 (190, 4)	285.39856 (145, 6)	261.13153 (145, 4)	219.80823 (265, 4)	206.04436 (265, 4)
180.0 /	352.22751 (155, 4)	237.72398 (107, 4)	196.52110 (352, 4)	221.69829C(351, 6)	205.29807 (265, 4)
170.0 /	287.71280 (155, 4)	273.99078 (46, 4)	238.66289 (139, 5)	233.97314 (46, 4)	185.63231 (46, 4)
160.0 /	247.26816 (147, 4)	244.61453 (98, 4)	205.94754 (92, 4)	167.96645 (349, 4)	151.23886 (285, 4)
150.0 /	229.84947 (135, 5)	239.47891 (289, 4)	195.92990 (269, 5)	161.33209 (349, 4)	143.97501 (76, 5)
140.0 /	243.71062 (135, 5)	219.99309 (161, 4)	197.37817 (355, 4)	195.37708 (355, 4)	179.52896 (29, 3)
130.0 /	280.04822 (198, 4)	349.65656 (289, 5)	274.86450 (356, 5)	223.61418 (177, 4)	179.45505 (356, 5)
120.0 /	262.67117C(153, 5)	327.58029C(48, 5)	287.20590 (154, 6)	251.86150 (198, 4)	219.91119 (198, 4)
110.0 /	250.54517 (151, 5)	267.61993 (160, 4)	223.30554 (191, 6)	176.60588C(118, 3)	159.55429 (19, 4)
100.0 /	286.92352 (212, 4)	261.69354 (153, 3)	265.90491 (153, 3)	215.92986 (153, 3)	169.42554 (153, 3)
90.0 /	274.21088 (212, 4)	258.80673 (127, 4)	240.04706 (152, 3)	194.01425 (197, 4)	153.28250 (58, 4)
80.0 /	268.64157 (115, 4)	295.32938 (149, 4)	244.38229 (142, 5)	205.80968 (25, 4)	206.42802 (25, 4)
70.0 /	378.56177 (115, 4)	292.21063 (149, 4)	263.53583 (151, 6)	226.06506 (57, 6)	192.75322 (57, 6)
60.0 /	367.60052 (196, 4)	318.91815 (148, 4)	243.01707 (180, 4)	181.84973 (168, 4)	167.39020 (237, 4)
50.0 /	327.32904 (232, 4)	285.40591 (168, 5)	263.46457 (168, 5)	225.09143 (185, 3)	191.58221 (168, 5)
40.0 /	343.78818 (183, 4)	280.69666 (183, 4)	257.46191 (185, 6)	216.61783 (185, 6)	172.72815 (185, 6)
30.0 /	281.73431 (117, 5)	266.44238 (114, 4)	215.94772 (191, 5)	165.11038 (87, 4)	157.65517 (358, 6)
20.0 /	229.84947 (208, 5)	246.79282 (346, 5)	225.00403 (95, 5)	172.90215 (247, 5)	156.33929 (225, 4)
10.0 /	279.97522 (202, 4)	304.54266C(159, 3)	266.56845 (247, 5)	217.36584C(159, 3)	173.41724 (247, 5)

*** ISCST BY KBN 11/86 *** 1985 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 380.96368 AND OCCURRED AT (500.0, 360.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	174.82843 (332, 5)
350.0 /	189.99358 (304, 6)
340.0 /	145.86702 (345, 4)
330.0 /	136.88745 (304, 2)
320.0 /	169.05853 (126, 6)
310.0 /	174.65097 (219, 5)
300.0 /	146.59399 (227, 6)
290.0 /	167.96826C(273, 8)
280.0 /	153.88365 (266, 6)
270.0 /	168.87463C(227, 3)
260.0 /	162.66934 (103, 3)
250.0 /	155.53784 (200, 5)
240.0 /	206.75871 (60, 1)
230.0 /	177.04709 (257, 2)
220.0 /	160.00255 (298, 4)
210.0 /	145.03191 (262, 8)
200.0 /	176.45941 (108, 4)
190.0 /	180.86612 (265, 4)
180.0 /	202.82269 (257, 8)
170.0 /	147.55826 (46, 4)
160.0 /	129.76297 (12, 5)
150.0 /	148.82709 (76, 5)
140.0 /	162.49783 (29, 3)
130.0 /	154.87772 (177, 4)
120.0 /	184.11066 (154, 6)
110.0 /	153.78653 (19, 4)
100.0 /	143.69383 (161, 5)
90.0 /	156.89690 (58, 4)
80.0 /	200.19701 (25, 4)
70.0 /	166.44904 (57, 6)
60.0 /	150.68124 (168, 4)
50.0 /	164.48859 (168, 5)
40.0 /	168.93094 (105, 3)
30.0 /	134.99652 (184, 6)
20.0 /	138.93715 (225, 4)
10.0 /	155.31857 (187, 3)

*** ISCST BY KBN 11/86 *** 1985 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 1100, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 539.89288 AND OCCURRED AT (500.0, 210.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	476.63449 (157, 5)	320.40045 (157, 5)	244.84695 (219, 4)	218.87747 (219, 4)	186.02243 (332, 5)
350.0 /	385.51074 (157, 5)	382.22507 (94, 5)	311.41211 (94, 5)	233.58128 (94, 5)	222.21100 (247, 6)
340.0 /	361.71185 (113, 5)	267.00793 (345, 4)	281.03418 (345, 4)	233.52576 (345, 4)	187.42352 (345, 4)
330.0 /	362.19760 (228, 5)	330.65460 (238, 5)	230.35477 (70, 6)	191.69241 (70, 6)	152.93971 (70, 6)
320.0 /	366.90491 (208, 5)	312.36502 (287, 5)	304.34058 (177, 5)	258.34937 (217, 4)	219.57687C(307, 6)
310.0 /	305.61725 (251, 5)	426.15210 (209, 6)	374.55737 (209, 6)	292.85687 (209, 6)	229.37009 (209, 6)
300.0 /	264.77435 (202, 4)	325.15665 (70, 4)	293.28241 (195, 6)	255.23386 (241, 3)	233.76585 (241, 3)
290.0 /	270.58710 (116, 5)	376.05511 (235, 5)	348.77863 (235, 5)	277.92087 (235, 5)	219.08286 (235, 5)
280.0 /	254.42010 (208, 4)	293.51495 (110, 5)	248.83849 (313, 5)	206.96500 (112, 6)	195.96851 (112, 6)
270.0 /	234.49966 (132, 4)	237.32323 (100, 4)	228.89008 (314, 5)	188.78598 (268, 6)	207.37230 (268, 6)
260.0 /	270.93237 (132, 4)	318.46448 (125, 5)	306.88281 (225, 5)	249.33432 (225, 5)	198.51520 (101, 6)
250.0 /	343.25299 (235, 4)	275.84033 (235, 4)	238.82617 (296, 4)	195.01561 (296, 4)	201.68742 (243, 2)
240.0 /	314.44604 (235, 4)	376.74484 (199, 6)	321.19696 (199, 6)	307.56171C(222, 4)	264.56448C(222, 4)
230.0 /	319.55524 (133, 5)	271.91025 (119, 4)	273.33362C(130, 3)	236.08450C(130, 3)	196.56772 (66, 6)
220.0 /	399.08334 (131, 4)	337.95712 (337, 5)	340.68134 (337, 5)	293.47244 (337, 5)	250.03305 (337, 5)
210.0 /	539.89288 (131, 4)	261.98450 (281, 3)	270.45850 (281, 3)	226.84593 (281, 3)	188.23880 (337, 5)
200.0 /	449.14221 (131, 4)	373.07202 (108, 4)	367.89841 (108, 4)	308.03290 (108, 4)	252.47699 (108, 4)
190.0 /	292.68359 (254, 4)	299.98227 (254, 4)	310.45752 (40, 4)	263.27887 (40, 4)	237.60504 (265, 4)
180.0 /	442.22241 (190, 4)	265.53177 (155, 4)	252.52591C(351, 6)	247.47734 (265, 4)	228.63101 (342, 4)
170.0 /	468.49548 (190, 4)	304.96777 (98, 4)	283.82825 (46, 4)	281.56036 (139, 5)	278.63797 (139, 5)
160.0 /	347.92218 (190, 4)	349.06836 (289, 4)	247.85002 (289, 4)	179.40540 (285, 4)	169.26408 (281, 3)
150.0 /	320.96960 (147, 4)	277.72601 (147, 4)	198.28711 (349, 4)	191.30876 (269, 5)	173.46762 (269, 5)
140.0 /	269.29034 (198, 4)	263.46716 (131, 4)	287.18240 (177, 4)	278.66333 (177, 4)	240.00108 (177, 4)
130.0 /	361.68466 (136, 4)	364.30673 (253, 4)	286.55515 (289, 5)	230.42503 (356, 5)	189.58252 (177, 4)
120.0 /	297.76801 (136, 4)	362.56451 (160, 4)	315.71112 (153, 6)	267.34949 (154, 6)	226.59698 (154, 6)
110.0 /	268.09485 (185, 5)	279.05579 (191, 6)	227.38055 (349, 5)	193.17865 (349, 5)	172.86626 (108, 4)
100.0 /	293.99265 (185, 5)	327.88452 (161, 5)	316.76221 (161, 5)	248.80081 (161, 5)	191.89740 (161, 5)
90.0 /	289.93582 (190, 5)	337.57901 (197, 4)	274.37766 (197, 4)	214.91769 (188, 5)	195.55899 (188, 5)
80.0 /	442.15573 (230, 4)	352.74719 (142, 5)	255.32494 (10, 5)	208.99962 (183, 3)	214.24620 (308, 2)
70.0 /	452.12555 (230, 4)	307.29156 (183, 5)	298.90344 (183, 3)	258.15775 (183, 3)	212.18488 (183, 3)
60.0 /	375.30774 (183, 5)	340.83984 (180, 4)	251.77116 (237, 4)	213.54071 (237, 4)	172.74998 (237, 4)
50.0 /	479.65887C(231, 4)	305.87292 (181, 6)	330.94913 (181, 6)	277.70453 (181, 6)	223.07591 (181, 6)
40.0 /	378.58456C(231, 4)	286.89087 (183, 4)	326.92355 (188, 3)	314.84369 (188, 3)	271.29816 (188, 3)
30.0 /	341.45721 (114, 4)	321.44180 (191, 5)	250.80106 (277, 4)	203.57231 (277, 4)	160.98320 (277, 4)
20.0 /	252.73129 (192, 5)	255.58569 (364, 5)	244.70447 (87, 6)	199.64555 (87, 6)	162.27066C(229, 3)
10.0 /	304.22092 (228, 4)	308.07159C(63, 4)	284.83926C(159, 3)	227.14529 (247, 5)	206.29173 (206, 3)

*** ISCST BY KBN 11/86 *** 1985 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 1100, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 539.89288 AND OCCURRED AT (500.0, 210.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	194.56659 (37, 6)
350.0 /	214.65045 (247, 6)
340.0 /	166.60266C(210, 3)
330.0 /	140.49004 (244, 6)
320.0 /	213.94115C(307, 6)
310.0 /	214.05121 (235, 4)
300.0 /	210.76276 (241, 3)
290.0 /	183.50595 (113, 6)
280.0 /	180.10925 (112, 6)
270.0 /	208.01950 (268, 6)
260.0 /	204.46927 (101, 6)
250.0 /	206.30023 (243, 2)
240.0 /	221.66777C(222, 4)
230.0 /	195.29083 (66, 6)
220.0 /	219.80499 (97, 4)
210.0 /	172.91576 (291, 3)
200.0 /	210.19580 (108, 4)
190.0 /	212.04492 (140, 3)
180.0 /	214.39935 (342, 4)
170.0 /	256.50067 (139, 5)
160.0 /	159.10620 (281, 3)
150.0 /	154.04282 (108, 4)
140.0 /	200.26414 (177, 4)
130.0 /	160.83536 (21, 4)
120.0 /	189.94955 (198, 4)
110.0 /	158.76906 (18, 2)
100.0 /	163.44571 (43, 2)
90.0 /	169.87534 (108, 4)
80.0 /	224.67365 (308, 2)
70.0 /	182.57175 (108, 4)
60.0 /	156.24313 (347, 6)
50.0 /	179.88591 (181, 6)
40.0 /	227.30157 (188, 3)
30.0 /	159.55779 (358, 6)
20.0 /	158.81219C(229, 3)
10.0 /	221.72739 (206, 3)

*** ISCST BY KBN 11/86 *** 1985 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 1100, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 380.96747 AND OCCURRED AT (500.0, 360.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	380.96747 (114, 5)	286.75299 (86, 5)	242.14468 (86, 5)	185.41745 (86, 5)	180.80949 (219, 4)
350.0 /	329.62814 (209, 4)	306.42187 (208, 4)	241.68469 (86, 4)	219.92528 (247, 6)	192.35889 (304, 6)
340.0 /	346.41888 (210, 5)	264.81332 (208, 4)	185.01306 (208, 4)	167.69815C(253, 6)	166.77461C(210, 3)
330.0 /	329.25031 (210, 5)	245.20386 (228, 5)	224.39165 (238, 5)	164.00986C(253, 6)	137.43478 (244, 6)
320.0 /	366.13998 (228, 5)	309.82565 (228, 5)	300.22763 (217, 4)	256.08105 (177, 5)	210.46678 (217, 4)
310.0 /	251.97311 (204, 4)	358.28070 (78, 5)	315.72498 (219, 5)	266.58038 (219, 5)	224.01067 (219, 5)
300.0 /	252.02350 (204, 4)	292.89343 (195, 6)	263.74884 (241, 3)	238.69022 (195, 6)	189.76224 (195, 6)
290.0 /	241.72136 (112, 4)	345.80170 (266, 4)	280.86090 (266, 4)	218.11401 (113, 6)	201.20122 (113, 6)
280.0 /	208.41446 (240, 5)	267.97318 (218, 5)	230.76871 (248, 5)	204.00578 (313, 5)	167.11513 (343, 5)
270.0 /	176.87260 (208, 4)	235.76205 (314, 5)	226.15100 (235, 6)	188.17993 (235, 6)	173.59940C(227, 3)
260.0 /	222.83237 (125, 5)	304.76413 (225, 5)	250.19846 (268, 5)	197.68993 (268, 5)	197.61205 (225, 5)
250.0 /	195.56718C(116, 4)	271.70654 (303, 5)	222.16527 (225, 5)	181.30005 (200, 5)	173.47240 (200, 5)
240.0 /	288.42786 (254, 5)	280.20981 (62, 4)	320.56033C(222, 4)	245.31851 (199, 6)	188.33757 (199, 6)
230.0 /	257.73770 (251, 4)	264.02216 (174, 5)	247.83855 (51, 5)	215.02910 (51, 5)	194.58488C(130, 3)
220.0 /	264.74829 (133, 5)	326.16946 (364, 4)	310.80930 (69, 4)	262.99884 (69, 4)	234.05481 (97, 4)
210.0 /	166.33330 (172, 4)	256.50839 (131, 4)	245.75256 (337, 5)	215.67276 (337, 5)	188.10014 (339, 5)
200.0 /	263.02002 (254, 4)	335.42807 (145, 6)	292.38458 (59, 4)	251.13017 (59, 4)	208.52670 (315, 3)
190.0 /	288.09872 (190, 4)	286.19678 (145, 6)	264.44495 (145, 4)	258.59485 (265, 4)	211.25981 (40, 4)
180.0 /	352.48532 (155, 4)	238.70134 (107, 4)	232.06589 (265, 4)	226.10962 (342, 4)	226.09575 (265, 4)
170.0 /	287.85388 (155, 4)	274.16284 (46, 4)	238.87314 (139, 5)	236.28046 (46, 4)	189.24577 (46, 4)
160.0 /	248.40727 (147, 4)	262.06534 (98, 4)	210.14738 (92, 4)	173.11259 (250, 4)	168.53746 (250, 4)
150.0 /	231.62567 (135, 5)	240.03752 (289, 4)	196.47385 (269, 5)	163.49048 (349, 4)	144.24350 (76, 5)
140.0 /	245.00919 (135, 5)	237.52893 (355, 5)	230.34753 (131, 4)	197.27869 (355, 4)	182.40976 (355, 4)
130.0 /	280.52814 (198, 4)	351.44324 (289, 5)	276.67276 (356, 5)	224.02963 (177, 4)	184.70172 (356, 5)
120.0 /	263.71820C(153, 5)	329.03186C(48, 5)	288.45377 (154, 6)	255.27386 (198, 4)	223.33720 (198, 4)
110.0 /	253.70074 (151, 5)	271.17294 (160, 4)	225.26744 (191, 6)	178.43399C(118, 3)	167.21904C(118, 3)
100.0 /	291.64337 (212, 4)	262.73581 (153, 3)	269.03558 (153, 3)	221.40154 (153, 3)	177.02292 (108, 4)
90.0 /	279.57758 (212, 4)	260.94803 (127, 4)	244.33560 (152, 3)	200.55907 (152, 3)	179.37534 (108, 4)
80.0 /	268.91412 (115, 4)	297.95050 (149, 4)	249.89262 (142, 5)	208.56480 (25, 4)	210.26958 (25, 4)
70.0 /	379.02582 (115, 4)	296.90576 (149, 4)	265.40201 (151, 6)	230.28018 (57, 6)	198.71472 (57, 6)
60.0 /	372.32822 (196, 4)	321.24988 (148, 4)	247.38133 (180, 4)	182.16577 (168, 4)	169.89795 (168, 4)
50.0 /	327.88208 (232, 4)	286.89673 (168, 5)	267.83292 (168, 5)	231.16759 (168, 5)	198.72693 (168, 5)
40.0 /	343.84433 (183, 4)	285.97827 (357, 4)	259.03143 (185, 6)	219.85950 (185, 6)	177.60143 (185, 6)
30.0 /	281.78607 (117, 5)	272.78064 (114, 4)	219.81932 (191, 5)	168.26755 (87, 4)	158.10922 (358, 6)
20.0 /	230.39908 (208, 5)	248.61615 (95, 5)	242.72800 (364, 5)	195.16647 (364, 5)	159.01514 (87, 6)
10.0 /	287.04761 (202, 4)	304.56671C(159, 3)	276.00998 (247, 5)	218.76468C(159, 3)	180.37633 (247, 5)

*** ISCST BY KBN 11/86 *** 1985 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 1100, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 380.96747 AND OCCURRED AT (500.0, 360.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	179.17278 (332, 5)
350.0 /	191.09637 (304, 6)
340.0 /	151.73923 (345, 4)
330.0 /	137.18561 (304, 2)
320.0 /	175.56242 (126, 6)
310.0 /	207.09305 (245, 6)
300.0 /	164.33894 (227, 6)
290.0 /	175.72482 (235, 5)
280.0 /	154.63739 (266, 6)
270.0 /	169.37584C(227, 3)
260.0 /	174.89478 (135, 6)
250.0 /	160.33887 (200, 5)
240.0 /	206.97302 (60, 1)
230.0 /	182.00507 (257, 2)
220.0 /	216.56773 (337, 5)
210.0 /	171.21216 (339, 5)
200.0 /	198.00647 (315, 3)
190.0 /	206.46812 (265, 4)
180.0 /	203.62663 (257, 8)
170.0 /	152.24191 (46, 4)
160.0 /	156.28139 (250, 4)
150.0 /	153.99991 (269, 5)
140.0 /	164.57214 (355, 4)
130.0 /	156.10501 (108, 4)
120.0 /	188.44945 (154, 6)
110.0 /	156.53833 (19, 4)
100.0 /	157.67601 (108, 4)
90.0 /	169.62326 (188, 5)
80.0 /	204.78612 (25, 4)
70.0 /	173.54430 (57, 6)
60.0 /	151.53635 (168, 4)
50.0 /	171.80907 (168, 5)
40.0 /	169.10522 (105, 3)
30.0 /	152.26071 (119, 4)
20.0 /	144.90022 (119, 4)
10.0 /	155.91876 (187, 3)

*** ISCST BY KBN 11/86 *** 1985 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 733.98792 AND OCCURRED AT (500.0, 180.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	579.83032 (157, 5)	663.64502 (157, 5)	502.88840 (157, 5)	425.06696 (86, 5)	373.88095 (86, 5)
350.0 /	598.93744 (157, 5)	688.01318 (157, 5)	606.86499 (94, 5)	559.95441 (94, 5)	488.72409 (94, 5)
340.0 /	454.25571 (113, 5)	537.68781 (113, 5)	463.11279 (345, 4)	449.30466 (345, 4)	421.84973 (345, 4)
330.0 /	451.46851 (210, 5)	543.16199 (210, 5)	494.27472 (238, 5)	425.36166 (238, 5)	349.64377 (238, 5)
320.0 /	460.69672 (228, 5)	630.69910 (228, 5)	523.47626 (228, 5)	452.00104 (217, 4)	424.77368 (217, 4)
310.0 /	408.56787 (251, 5)	696.21985 (209, 6)	730.79163 (209, 6)	683.59058 (209, 6)	612.73596 (209, 6)
300.0 /	325.10312 (202, 4)	489.39267 (195, 6)	534.82837 (195, 6)	511.89850 (195, 6)	489.04672 (241, 3)
290.0 /	334.50760 (116, 5)	538.25659 (235, 5)	597.38672 (235, 5)	572.27881 (235, 5)	525.46039 (235, 5)
280.0 /	288.80161 (208, 4)	432.53339 (110, 5)	422.87006 (110, 5)	382.29987 (85, 5)	379.24823 (112, 6)
270.0 /	316.79742 (132, 4)	447.66882 (125, 5)	439.53595 (50, 6)	402.54614 (314, 5)	371.36017 (314, 5)
260.0 /	313.84512 (235, 4)	499.09763 (125, 5)	546.69678 (225, 5)	535.87939 (225, 5)	498.74924 (225, 5)
250.0 /	427.99780 (235, 4)	535.78430 (235, 4)	542.96985 (199, 6)	488.06470 (199, 6)	414.56320 (199, 6)
240.0 /	395.85004 (133, 5)	458.08163 (199, 6)	483.79181 (199, 6)	451.83994 (199, 6)	404.55954 (199, 6)
230.0 /	411.36569 (133, 5)	472.11658 (119, 4)	485.27893 (119, 4)	445.23264 (51, 5)	415.71545 (51, 5)
220.0 /	580.68219 (131, 4)	528.12939 (131, 4)	522.79578 (337, 5)	514.80896 (337, 5)	484.46448 (337, 5)
210.0 /	671.11237 (131, 4)	560.06415 (131, 4)	459.13190 (108, 4)	439.94635 (281, 3)	414.87201 (281, 3)
200.0 /	509.72141 (131, 4)	596.19482 (145, 6)	610.74683 (145, 6)	554.98328 (145, 6)	481.36560 (145, 6)
190.0 /	554.96558 (190, 4)	519.19104 (190, 4)	416.38312 (146, 4)	384.00192 (40, 4)	348.10791 (40, 4)
180.0 /	733.98792 (190, 4)	552.62830 (190, 4)	374.26584C(351, 6)	357.11462C(351, 6)	336.15283 (257, 8)
170.0 /	717.53650 (190, 4)	515.73541 (98, 4)	447.38071 (46, 4)	415.79956 (46, 4)	408.13803 (139, 5)
160.0 /	504.29449 (190, 4)	563.57043 (289, 4)	503.32770 (289, 4)	422.62915 (289, 4)	346.30182 (289, 4)
150.0 /	517.56915 (147, 4)	507.98947 (147, 4)	353.53204 (147, 4)	359.33948 (269, 5)	348.96161 (269, 5)
140.0 /	410.17123 (193, 5)	408.88849 (189, 5)	391.68542 (177, 4)	391.13879 (177, 4)	359.32758 (355, 4)
130.0 /	575.53052 (136, 4)	560.69513 (198, 4)	491.51266 (289, 5)	450.12811 (356, 5)	411.03546 (356, 5)
120.0 /	519.70947 (136, 4)	634.69177 (160, 4)	584.77399 (160, 4)	492.99130 (160, 4)	407.52570 (160, 4)
110.0 /	435.44894 (185, 5)	519.40924 (160, 4)	439.18024 (160, 4)	384.97736 (118, 5)	345.22055 (118, 5)
100.0 /	496.04095 (185, 5)	472.21954 (161, 5)	502.26450 (161, 5)	463.77145 (161, 5)	417.92755 (161, 5)
90.0 /	498.12180 (212, 4)	468.65015 (118, 4)	463.89697 (152, 3)	449.50034 (152, 3)	414.93927 (152, 3)
80.0 /	570.50342 (230, 4)	518.12463 (142, 5)	476.76544 (142, 5)	408.06296 (142, 5)	381.60736 (25, 4)
70.0 /	683.46912 (230, 4)	546.71851 (149, 4)	479.39374 (183, 3)	455.18918 (183, 3)	425.72055 (57, 6)
60.0 /	561.93146 (196, 4)	605.93323 (183, 5)	482.07886 (180, 4)	434.71161 (159, 5)	404.65387 (237, 4)
50.0 /	601.36523C(231, 4)	517.74963 (232, 4)	504.27728 (181, 6)	503.22040 (181, 6)	472.25977 (181, 6)
40.0 /	570.97845C(231, 4)	551.44873 (183, 4)	468.24261 (357, 4)	429.21375 (188, 3)	409.61115 (188, 3)
30.0 /	430.61142 (114, 4)	552.86700 (114, 4)	429.81891 (191, 5)	371.46335 (191, 5)	319.79510 (277, 4)
20.0 /	303.72253 (117, 5)	398.54340 (191, 5)	424.77576 (87, 6)	414.05438 (87, 6)	383.90839 (87, 6)
10.0 /	378.89413 (228, 4)	516.49548 (95, 5)	592.71820 (95, 5)	574.54126 (95, 5)	512.93848 (95, 5)

*** ISCST BY KBN 11/86 *** 1985 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 733.98792 AND OCCURRED AT (500.0, 180.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	357.84177 (332, 5)
350.0 /	416.84735 (94, 5)
340.0 /	386.62000 (345, 4)
330.0 /	289.77271 (70, 6)
320.0 /	394.08215 (217, 4)
310.0 /	538.09070 (209, 6)
300.0 /	460.29575 (241, 3)
290.0 /	471.38837 (235, 5)
280.0 /	368.58859 (112, 6)
270.0 /	336.86407 (223, 6)
260.0 /	449.16183 (225, 5)
250.0 /	376.21161 (200, 5)
240.0 /	371.31012C(222, 4)
230.0 /	376.41815 (51, 5)
220.0 /	444.47729 (337, 5)
210.0 /	379.89246 (281, 3)
200.0 /	428.21884 (108, 4)
190.0 /	327.09546 (140, 3)
180.0 /	347.61740 (257, 8)
170.0 /	392.14355 (139, 5)
160.0 /	293.90808 (12, 5)
150.0 /	330.45892 (269, 5)
140.0 /	341.47479 (355, 4)
130.0 /	368.46021 (356, 5)
120.0 /	362.41675 (154, 6)
110.0 /	324.82779 (19, 4)
100.0 /	371.64182 (161, 5)
90.0 /	375.58530 (152, 3)
80.0 /	382.13312 (25, 4)
70.0 /	400.93771 (57, 6)
60.0 /	369.45981 (237, 4)
50.0 /	430.18298 (181, 6)
40.0 /	385.90024 (188, 3)
30.0 /	292.52197 (277, 4)
20.0 /	345.92255 (87, 6)
10.0 /	440.66534 (95, 5)

*** ISCST BY KBN 11/86 *** 1985 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 584.21228 AND OCCURRED AT (900.0, 350.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	900.0	1300.0	1700.0	2100.0
360.0 /	471.95822 (114, 5)	520.94659 (114, 5)	463.44598 (86, 5)	368.63437 (157, 5)	364.39243 (332, 5)
350.0 /	433.14606 (209, 4)	584.21228 (94, 5)	506.23203 (86, 4)	476.93161 (86, 4)	426.63831 (86, 4)
340.0 /	444.71234 (210, 5)	511.66162 (209, 4)	405.81882 (208, 4)	349.76367 (208, 4)	309.50043 (345, 5)
330.0 /	450.67932 (228, 5)	540.51868 (238, 5)	400.59052 (210, 5)	343.35983 (70, 6)	317.62103 (70, 6)
320.0 /	453.07687 (208, 5)	544.47595 (208, 5)	468.08521 (217, 4)	434.61072 (177, 5)	402.13092 (126, 6)
310.0 /	347.14059 (204, 4)	550.30530 (78, 5)	534.63135 (219, 5)	509.08554 (219, 5)	481.50421 (219, 5)
300.0 /	322.41205 (204, 4)	488.33325 (227, 6)	512.27405 (227, 6)	503.76608 (241, 3)	472.70935 (195, 6)
290.0 /	325.95813 (240, 5)	524.90338 (266, 4)	522.14026 (266, 4)	480.89532 (266, 4)	428.76990 (266, 4)
280.0 /	243.32391 (240, 5)	418.46188 (85, 5)	419.79211 (85, 5)	382.03818 (179, 5)	369.15820 (266, 5)
270.0 /	262.93634 (155, 5)	417.93268 (50, 6)	438.47031 (125, 5)	395.90765 (50, 6)	366.95135 (235, 6)
260.0 /	312.91919 (132, 4)	470.91049 (225, 5)	484.81207 (125, 5)	427.48300 (268, 5)	397.85834 (217, 6)
250.0 /	296.86749 (254, 5)	521.11511 (199, 6)	454.25543 (303, 5)	427.00446 (303, 5)	389.95493 (200, 5)
240.0 /	365.71411 (254, 5)	447.44870 (133, 5)	416.74533 (120, 4)	419.03317C(222, 4)	397.29443C(222, 4)
230.0 /	346.26178 (131, 4)	381.22736 (51, 5)	446.13867 (51, 5)	433.28943 (119, 4)	391.51599 (174, 5)
220.0 /	308.23669 (133, 5)	459.46362 (337, 5)	473.30661 (69, 4)	463.99298 (69, 4)	435.50171 (69, 4)
210.0 /	249.08873 (254, 4)	468.79440 (108, 4)	442.21008 (281, 3)	403.89246 (108, 4)	363.98547 (312, 4)
200.0 /	391.85959 (254, 4)	507.14807 (108, 4)	559.66931 (108, 4)	523.30090 (108, 4)	474.00421 (108, 4)
190.0 /	408.35730 (155, 4)	500.27832 (254, 4)	411.23230 (40, 4)	372.14264 (146, 5)	347.14426 (265, 4)
180.0 /	543.23914 (155, 4)	524.85345 (155, 4)	370.94611 (352, 4)	353.25778 (352, 4)	330.30969 (342, 4)
170.0 /	394.03610 (155, 4)	450.61890 (190, 4)	446.64304 (98, 4)	401.67819 (139, 5)	374.62738 (46, 4)
160.0 /	424.93610 (147, 4)	396.54974 (98, 4)	391.56784 (92, 4)	347.03571 (92, 4)	312.59241 (12, 5)
150.0 /	377.13074 (135, 5)	368.75409 (289, 4)	349.79419 (269, 5)	310.93396 (349, 4)	282.14499 (349, 4)
140.0 /	399.48578 (198, 4)	406.64465 (198, 4)	382.12964 (355, 5)	367.28693 (355, 4)	358.88657 (177, 4)
130.0 /	434.75177 (198, 4)	536.60211 (253, 4)	487.94812 (253, 4)	418.69299 (253, 4)	354.59058 (198, 4)
120.0 /	431.21478C(253, 5)	521.34076C(48, 5)	496.48169 (153, 6)	448.89108 (153, 6)	400.30768 (153, 6)
110.0 /	386.45325 (160, 4)	451.76498C(141, 5)	432.34689C(141, 5)	373.69366C(141, 5)	335.42505 (189, 6)
100.0 /	492.41757 (151, 5)	438.38718 (212, 4)	457.95984 (153, 3)	444.11353 (153, 3)	407.69873 (153, 3)
90.0 /	453.12363 (190, 5)	447.34290 (197, 4)	462.90155 (118, 4)	413.55096 (311, 5)	374.55722 (311, 5)
80.0 /	467.69736 (190, 5)	467.00317 (197, 4)	437.10190 (197, 4)	372.01849 (197, 4)	348.80698 (308, 2)
70.0 /	471.21979 (115, 4)	537.18982 (115, 4)	474.12558 (149, 4)	444.59760 (151, 6)	417.00366 (151, 6)
60.0 /	539.25000 (183, 5)	530.95996 (142, 4)	442.45383 (159, 5)	431.08954 (237, 4)	394.46289 (159, 5)
50.0 /	494.68567 (196, 4)	482.74969C(231, 4)	454.56238 (168, 5)	438.05713 (168, 5)	402.14081 (168, 5)
40.0 /	423.07721 (183, 4)	514.00690C(231, 4)	434.25134 (185, 6)	428.61340 (357, 4)	385.38892 (185, 6)
30.0 /	345.13034 (117, 5)	478.41635 (192, 4)	402.18051 (114, 4)	340.24323 (277, 4)	307.05951 (191, 5)
20.0 /	296.80505 (157, 4)	389.00433 (346, 5)	401.04950 (346, 5)	368.06592 (346, 5)	320.47778 (346, 5)
10.0 /	330.89084 (202, 4)	486.05734C(63, 4)	459.26413 (247, 5)	424.41718 (247, 5)	376.93292 (247, 5)

*** ISCST BY KBN 11/86 *** 1985 G-P TRS SCREENING 3 HOUR -SO2 AND AAQS 11/10/87 ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 103, 800, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 584.21228 AND OCCURRED AT (900.0, 350.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 2500.0
360.0 /	323.58508 (86, 5)
350.0 /	396.39038 (247, 6)
340.0 /	291.46130 (345, 5)
330.0 /	283.17892 (238, 5)
320.0 /	382.10678 (126, 6)
310.0 /	449.72241 (219, 5)
300.0 /	427.14780 (227, 6)
290.0 /	384.15558 (113, 6)
280.0 /	349.93799 (266, 5)
270.0 /	335.52240 (268, 6)
260.0 /	370.03305 (217, 6)
250.0 /	344.90100 (199, 6)
240.0 /	355.39648 (199, 6)
230.0 /	351.07422 (174, 5)
220.0 /	399.41858 (69, 4)
210.0 /	326.60394 (312, 4)
200.0 /	409.64587 (145, 6)
190.0 /	316.19214 (265, 4)
180.0 /	320.99268 (342, 4)
170.0 /	334.84323 (46, 4)
160.0 /	282.08493 (289, 4)
150.0 /	251.74597 (349, 4)
140.0 /	325.11359 (177, 4)
130.0 /	311.53448 (198, 4)
120.0 /	355.06665 (153, 6)
110.0 /	303.92047 (118, 5)
100.0 /	364.80768 (153, 3)
90.0 /	330.25165 (311, 5)
80.0 /	370.89972 (308, 2)
70.0 /	380.38461 (151, 6)
60.0 /	345.53015 (159, 5)
50.0 /	363.30890 (168, 5)
40.0 /	348.21701 (185, 6)
30.0 /	259.50659 (358, 6)
20.0 /	279.88605 (32, 4)
10.0 /	331.66327 (247, 5)

Maximum Predicted SO_2 Concentrations

Refined Modeling Analysis for Comparison to AAQS

ISCSTK6 MODEL, A VERSION OF
ISCST (VERSION 86170)
AN AIR QUALITY DISPERSION MODEL IN
SECTION 1. GUIDELINE MODELS.
IN UNAMAP (VERSION 6) JULY 1986.
SOURCE: FILE 6 ON UNAMAP MAGNETIC TAPE FROM NTIS.

CONVERTED BY :
KBN ENGINEERING AND APPLIED SCIENCES, INC.
GAINESVILLE, FLORIDA
(904)375-8000

CARD INPUT FILE IS	graqs3.i81	AAQS
SUMMARY OUTPUT FILE IS	graqs3.o81	
METEOROLOGICAL FILE IS	jaxpre81.bin	
TITLE OF RUN IS	1981 REFINED 3-HOUR AAQS TRS AT 1200 lb/hr NO DOWNWASH	

*** ISCST BY KBN 11/86 *** 1981 REFINED 3-HOUR AAQS TRS AT 1200 lb/hr NO DOWNWASH ***

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) = 2
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) = 0
PRINT 'N'-DAY TABLE(S) (YES=1,NO=0)	ISW(15) = 0
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) = 0
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 = 23
NUMBER OF SOURCE GROUPS (=0,ALL SOURCES)	NGROUP = 3
TIME PERIOD INTERVAL TO BE PRINTED (=0,ALL INTERVALS)	IPERD = 0
NUMBER OF X (RANGE) GRID VALUES	NXPNTS = 7
NUMBER OF Y (THETA) GRID VALUES	NYPNTS = 7
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 = 6.10 METERS
LOGICAL UNIT NUMBER OF METEOROLOGICAL DATA	IMET = 9
DECAY COEFFICIENT FOR PHYSICAL OR CHEMICAL DEPLETION	DECAY =0.000000E+00
SURFACE STATION NO.	ISS = 13889
YEAR OF SURFACE DATA	ISY = 81
UPPER AIR STATION NO.	IUS = 13861
YEAR OF UPPER AIR DATA	IUY = 81
ALLOCATED DATA STORAGE	LIMIT = 20000 WORDS
REQUIRED DATA STORAGE FOR THIS PROBLEM RUN	MIMIT = 5792 WORDS

*** ISCST BY KBN 11/86 *** 1981 REFINED 3-HOUR AAQS TRS AT 1200 lb/hr NO DOWNWASH ***

*** METEOROLOGICAL DAYS TO BE PROCESSED ***
(IF=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 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 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 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 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 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 0 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   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 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 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 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 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   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 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 0 0 0 0
```

*** NUMBER OF SOURCE NUMBERS REQUIRED TO DEFINE SOURCE GROUPS ***
(NSOGRP)

1, 4, 3,

*** SOURCE NUMBERS DEFINING SOURCE GROUPS ***
(IDSOR)

100, 100, -1400, 9991, 9992, 100, 1100, -9994,

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

1.50, 3.10, 5.10, 8.20, 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 CATEGORY	WIND SPEED CATEGORY 1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

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

600.0, 700.0, 800.0, 900.0, 1000.0, 1100.0, 1200.0,

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

(DEGREES)

74.0, 76.0, 78.0, 80.0, 82.0, 84.0, 86.0,

*** ISCST BY KBN 11/86 *** 1981 REFINED 3-HOUR AAQS TRS AT 1200 lb/hr NO DOWNWASH ***

*** 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)
100	0	0	0	0.15190E+03	0.0	0.0	0.0	65.00	561.00	13.50	0.98	0.00	0.00	0.00
200	0	0	0	-.15100E+02	-15.0	30.0	0.0	76.20	367.00	8.80	3.66	0.00	0.00	0.00
400	0	0	0	-.86000E+01	-43.0	7.0	0.0	40.50	372.00	7.28	3.41	0.00	0.00	0.00
500	0	0	0	-.13000E+00	-15.0	30.0	0.0	30.50	366.00	7.53	0.76	0.00	0.00	0.00
600	0	0	0	-.18000E+00	-15.0	30.0	0.0	30.50	375.00	9.51	0.91	0.00	0.00	0.00
700	0	0	0	-.18000E+00	-43.0	7.0	0.0	33.20	369.00	3.57	0.76	0.00	0.00	0.00
800	0	0	0	-.24000E+00	40.0	-73.0	0.0	15.20	401.00	5.24	1.28	0.00	0.00	0.00
900	0	0	0	-.24000E+00	34.0	-77.0	0.0	15.90	341.00	10.67	1.71	0.00	0.00	0.00
1000	0	0	0	-.48000E+00	41.0	-112.0	0.0	15.90	342.00	8.47	1.71	0.00	0.00	0.00
1100	0	0	0	0.37000E+02	-165.0	14.0	0.0	76.20	474.00	13.93	4.02	0.00	0.00	0.00
1200	0	0	0	0.88800E+02	-88.0	64.0	0.0	76.20	450.00	15.39	3.66	0.00	0.00	0.00
1300	0	0	0	0.68000E+00	-114.0	46.0	0.0	76.20	346.00	8.26	1.52	0.00	0.00	0.00
1400	0	0	0	0.13200E+01	-25.0	-146.0	0.0	45.40	351.00	16.46	1.31	0.00	0.00	0.00
1500	0	0	0	0.39700E+02	-192.0	58.0	0.0	70.10	489.00	22.20	3.66	0.00	0.00	0.00
1600	0	0	0	0.77000E+00	-150.0	87.0	0.0	67.70	344.00	12.11	1.52	0.00	0.00	0.00
1700	0	0	0	0.14500E+01	40.0	-137.0	0.0	45.40	350.00	14.27	1.32	0.00	0.00	0.00
1800	0	0	0	0.45300E+02	-78.0	110.0	0.0	37.00	474.00	14.54	1.22	0.00	0.00	0.00
1900	0	0	0	0.19710E+03	-87.0	88.0	0.0	70.70	502.00	18.49	2.74	0.00	0.00	0.00
2000	0	0	0	0.15030E+03	-104.0	78.0	0.0	70.70	500.00	15.81	2.74	0.00	0.00	0.00
9990	0	0	0	0.20110E+03	8650.0	-5700.0	0.0	22.30	458.00	31.70	3.14	0.00	0.00	0.00
9991	0	0	0	0.20110E+03	8650.0	-5700.0	0.0	22.30	458.00	31.70	3.14	0.00	0.00	0.00
9992	0	0	0	0.16360E+04	9100.0	-5700.0	0.0	205.00	326.00	8.40	15.52	0.00	0.00	0.00
9993	0	0	0	0.37080E+03	4600.0	5800.0	0.0	45.70	408.00	11.90	3.96	0.00	0.00	0.00

* 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 1 1 1

CALM HOURS (=1) FOR DAY 176 * 0 1 1 0 1 0 1 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0

* CALM HOURS (=1) FOR DAY 177 * 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0

*** ISCST BY KBN 11/86 *** 1981 REFINED 3-HOUR AAQS TRS AT 1200 lb/hr NO DOWNWASH ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 100, 1100, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 983.37634 AND OCCURRED AT (600.0, 84.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 600.0	700.0	800.0	900.0	1000.0
86.0 /	979.69989 (177, 4)	941.65302 (177, 4)	851.46204 (177, 4)	751.21570 (177, 4)	658.74487 (177, 4)
84.0 /	983.37634 (177, 4)	947.18726 (177, 4)	856.79706 (177, 4)	755.62964 (177, 4)	662.22192 (177, 4)
82.0 /	966.52100 (177, 4)	931.37274 (177, 4)	841.10779 (177, 4)	739.87793 (177, 4)	646.60022 (177, 4)
80.0 /	930.43085 (177, 4)	895.59003 (177, 4)	805.87732 (177, 4)	705.51721 (177, 4)	613.46973 (177, 4)
78.0 /	877.56165 (177, 4)	842.56287 (177, 4)	754.02954 (177, 4)	655.59564 (177, 4)	565.92786 (177, 4)
76.0 /	811.20654 (177, 4)	775.90863 (177, 4)	689.47656 (177, 4)	594.16077 (177, 4)	508.06149 (177, 4)
74.0 /	735.11670 (177, 4)	699.78528 (177, 4)	616.57983 (177, 4)	525.67078 (177, 4)	444.32764 (177, 4)

*** ISCST BY KBN 11/86 *** 1981 REFINED 3-HOUR AAQS TRS AT 1200 lb/hr NO DOWNWASH ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 100, 1100, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 983.37634 AND OCCURRED AT (600.0, 84.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 1100.0	1200.0
86.0 /	580.00922 (177, 4)	515.91119 (177, 4)
84.0 /	582.76001 (177, 4)	518.12488 (177, 4)
82.0 /	567.48285 (177, 4)	503.27216 (177, 4)
80.0 /	535.77264 (177, 4)	472.94077 (177, 4)
78.0 /	490.72897 (177, 4)	430.21375 (177, 4)
76.0 /	439.34924 (132, 4)	412.15906 (132, 4)
74.0 /	409.35016 (132, 4)	381.94272 (132, 4)

*** ISCST BY KBN 11/86 *** 1981 REFINED 3-HOUR AAQS TRS AT 1200 lb/hr NO DOWNWASH ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 100, 1100, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 608.99414 AND OCCURRED AT (700.0, 80.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 600.0	700.0	800.0	900.0	1000.0
86.0 /	570.10754 (132, 5)	524.89886 (132, 4)	489.96124 (132, 4)	448.41486 (132, 4)	411.56259 (132, 4)
84.0 /	567.64233 (132, 4)	565.43982 (132, 4)	530.62427 (132, 4)	488.13184 (132, 4)	450.13684 (132, 4)
82.0 /	593.88495 (132, 4)	594.27856 (132, 4)	559.66943 (132, 4)	516.48248 (132, 4)	477.58517 (132, 4)
80.0 /	606.88062 (132, 4)	608.99414 (132, 4)	574.48663 (132, 4)	530.73145 (132, 4)	491.10275 (132, 4)
78.0 /	605.75964 (132, 4)	608.51208 (132, 4)	573.88409 (132, 4)	529.62292 (132, 4)	489.39145 (132, 4)
76.0 /	590.85590 (132, 4)	593.13531 (132, 4)	558.15271 (132, 4)	513.45166 (132, 4)	472.76215 (132, 4)
74.0 /	563.54669 (132, 4)	564.37775 (132, 4)	528.90698 (132, 4)	483.91565 (132, 4)	442.99420 (132, 4)

*** ISCST BY KBN 11/86 *** 1981 REFINED 3-HOUR AAQS TRS AT 1200 lb/hr NO DOWNWASH ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 100, 1100, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 608.99414 AND OCCURRED AT (700.0, 80.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 1100.0	1200.0
86.0 /	382.10205 (132, 4)	359.02829 (132, 4)
84.0 /	419.57379 (132, 4)	395.40756 (132, 4)
82.0 /	446.09592 (132, 4)	420.95996 (132, 4)
80.0 /	458.82849 (132, 4)	432.84531 (132, 4)
78.0 /	456.46344 (132, 4)	429.77710 (132, 4)
76.0 /	436.42230 (177, 4)	379.12408 (177, 4)
74.0 /	377.25351 (177, 4)	323.99957 (177, 4)

ISCSTK6 MODEL, A VERSION OF
ISCST (VERSION 86170)
AN AIR QUALITY DISPERSION MODEL IN
SECTION 1. GUIDELINE MODELS.
IN UNAMAP (VERSION 6) JULY 1986.
SOURCE: FILE 6 ON UNAMAP MAGNETIC TAPE FROM NTIS.

CONVERTED BY :
KBN ENGINEERING AND APPLIED SCIENCES, INC.
GAINESVILLE, FLORIDA
(904)375-8000

CARD INPUT FILE IS	graqsdw3.i81 AAQS
SUMMARY OUTPUT FILE IS	graqsdw3.z81
METEOROLOGICAL FILE IS	jaxpre81.bin
TITLE OF RUN IS	1981 REFINED 3-HOUR PSD TRS AT 1200 lb/hr WITH DOWNWASH

*** ISCST BY KBN 11/86 *** 1981 REFINED 3-HOUR PSD TRS AT 1200 lb/hr WITH DOWNWASH ***

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) = 2
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) = 0
PRINT 'N'-DAY TABLE(S) (YES=1,NO=0)	ISW(15) = 0
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) = 0
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 = 23
NUMBER OF SOURCE GROUPS (=0,ALL SOURCES)	NGROUP = 3
TIME PERIOD INTERVAL TO BE PRINTED (=0,ALL INTERVALS)	IPERD = 0
NUMBER OF X (RANGE) GRID VALUES	NXPNTS = 7
NUMBER OF Y (THETA) GRID VALUES	NYPNTS = 7
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 = 6.10 METERS
LOGICAL UNIT NUMBER OF METEOROLOGICAL DATA	IMET = 9
DECAY COEFFICIENT FOR PHYSICAL OR CHEMICAL DEPLETION	DECAY =0.000000E+00
SURFACE STATION NO.	ISS = 13889
YEAR OF SURFACE DATA	ISY = 81
UPPER AIR STATION NO.	IUS = 13861
YEAR OF UPPER AIR DATA	IUY = 81
ALLOCATED DATA STORAGE	LIMIT = 20000 WORDS
REQUIRED DATA STORAGE FOR THIS PROBLEM RUN	MIMIT = 5792 WORDS

*** ISCST BY KBN 11/86 *** 1981 REFINED 3-HOUR PSD TRS AT 1200 lb/hr WITH DOWNWASH ***

*** METEOROLOGICAL DAYS TO BE PROCESSED ***
(IF=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 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 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 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 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 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 0 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   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 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 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 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 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   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 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 0 0 0 0
```

*** NUMBER OF SOURCE NUMBERS REQUIRED TO DEFINE SOURCE GROUPS ***
(NSOGRP)

1, 4, 3,

*** SOURCE NUMBERS DEFINING SOURCE GROUPS ***
(IDSOR)

100, 100, -1400, 9991, 9992, 100, 1100, -9994,

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

1.50, 3.10, 5.10, 8.20, 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

*** ISCST BY KBN 11/86 *** 1981 REFINED 3-HOUR PSD TRS AT 1200 lb/hr WITH DOWNWASH ***

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

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

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

600.0, 700.0, 800.0, 900.0, 1000.0, 1100.0, 1200.0,

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

(DEGREES)

74.0, 76.0, 78.0, 80.0, 82.0, 84.0, 86.0,

*** ISCST BY KBN 11/86 *** 1981 REFINED 3-HOUR PSD TRS AT 1200 lb/hr WITH DOWNWASH ***

*** 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)
100	0	0	0	0.15190E+03	0.0	0.0	0.0	65.00	561.00	13.50	0.98	0.00	0.00	0.00
200	0	0	0	-.15100E+02	-15.0	30.0	0.0	76.20	367.00	8.80	3.66	30.50	31.00	31.00
400	0	0	0	-.86000E+01	-43.0	7.0	0.0	40.50	372.00	7.28	3.41	30.50	31.00	31.00
500	0	0	0	-.13000E+00	-15.0	30.0	0.0	30.50	366.00	7.53	0.76	30.50	31.00	31.00
600	0	0	0	-.18000E+00	-15.0	30.0	0.0	30.50	375.00	9.51	0.91	30.50	31.00	31.00
700	0	0	0	-.18000E+00	-43.0	7.0	0.0	33.20	369.00	3.57	0.76	30.50	31.00	31.00
800	0	0	0	-.24000E+00	40.0	-73.0	0.0	15.20	401.00	5.24	1.28	0.00	0.00	0.00
900	0	0	0	-.24000E+00	34.0	-77.0	0.0	15.90	341.00	10.67	1.71	0.00	0.00	0.00
1000	0	0	0	-.48000E+00	41.0	-112.0	0.0	15.90	342.00	8.47	1.71	0.00	0.00	0.00
1100	0	0	0	0.37000E+02	-165.0	14.0	0.0	76.20	474.00	13.93	4.02	33.50	64.80	64.80
1200	0	0	0	0.88800E+02	-88.0	64.0	0.0	76.20	450.00	15.39	3.66	33.50	64.80	64.80
1300	0	0	0	0.68000E+00	-114.0	46.0	0.0	76.20	346.00	8.26	1.52	33.50	64.80	64.80
1400	0	0	0	0.13200E+01	-25.0	-146.0	0.0	45.40	351.00	16.46	1.31	0.00	0.00	0.00
1500	0	0	0	0.39700E+02	-192.0	58.0	0.0	70.10	489.00	22.20	3.66	33.50	64.80	64.80
1600	0	0	0	0.77000E+00	-150.0	87.0	0.0	67.70	344.00	12.11	1.52	33.50	64.80	64.80
1700	0	0	0	0.14500E+01	40.0	-137.0	0.0	45.40	350.00	14.27	1.32	0.00	0.00	0.00
1800	0	0	0	0.45300E+02	-78.0	110.0	0.0	37.00	474.00	14.54	1.22	33.50	64.80	64.80
1900	0	0	0	0.19710E+03	-87.0	88.0	0.0	70.70	502.00	18.49	2.74	33.50	64.80	64.80
2000	0	0	0	0.15030E+03	-104.0	78.0	0.0	70.70	500.00	15.81	2.74	33.50	64.80	64.80
9990	0	0	0	0.20110E+03	8650.0	-5700.0	0.0	22.30	458.00	31.70	3.14	0.00	0.00	0.00
9991	0	0	0	0.20110E+03	8650.0	-5700.0	0.0	22.30	458.00	31.70	3.14	0.00	0.00	0.00
9992	0	0	0	0.16360E+04	9100.0	-5700.0	0.0	205.00	326.00	8.40	15.52	0.00	0.00	0.00
9993	0	0	0	0.37080E+03	4600.0	5800.0	0.0	45.70	408.00	11.90	3.96	0.00	0.00	0.00

* 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 1 1 1

* CALM HOURS (=1) FOR DAY 176 * 0 1 1 0 1 0 1 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0

* CALM HOURS (=1) FOR DAY 177 * 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0

*** ISCST BY KBN 11/86 *** 1981 REFINED 3-HOUR PSD TRS AT 1200 lb/hr WITH DOWNWASH ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 100, 1100, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 989.97961 AND OCCURRED AT (600.0, 84.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 600.0	700.0	800.0	900.0	1000.0
86.0 /	985.20508 (177, 4)	945.05115 (177, 4)	853.16669 (177, 4)	751.76196 (177, 4)	658.57092 (177, 4)
84.0 /	989.97961 (177, 4)	951.19666 (177, 4)	858.78210 (177, 4)	756.26099 (177, 4)	662.02875 (177, 4)
82.0 /	974.18799 (177, 4)	935.94934 (177, 4)	843.34595 (177, 4)	740.59009 (177, 4)	646.40320 (177, 4)
80.0 /	939.05237 (177, 4)	900.64594 (177, 4)	808.32147 (177, 4)	706.30078 (177, 4)	613.28687 (177, 4)
78.0 /	886.95337 (177, 4)	847.96912 (177, 4)	756.61426 (177, 4)	656.43518 (177, 4)	565.77692 (177, 4)
76.0 /	821.11737 (177, 4)	781.50262 (177, 4)	692.12201 (177, 4)	595.03479 (177, 4)	507.95648 (177, 4)
74.0 /	745.24506 (177, 4)	705.38379 (177, 4)	619.19794 (177, 4)	526.55249 (177, 4)	444.27621 (177, 4)

*** ISCST BY KBN 11/86 *** 1981 REFINED 3-HOUR PSD TRS AT 1200 lb/hr WITH DOWNWASH ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 100, 1100, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 989.97961 AND OCCURRED AT (600.0, 84.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 1100.0	1200.0
86.0 /	579.42200 (177, 4)	515.10937 (177, 4)
84.0 /	582.10327 (177, 4)	517.23383 (177, 4)
82.0 /	566.78613 (177, 4)	502.33002 (177, 4)
80.0 /	535.07153 (177, 4)	471.99280 (177, 4)
78.0 /	490.06042 (177, 4)	429.30676 (177, 4)
76.0 /	437.90118 (132, 4)	410.84027 (132, 4)
74.0 /	407.92258 (132, 4)	380.65723 (132, 4)

*** ISCST BY KBN 11/86 *** 1981 REFINED 3-HOUR PSD TRS AT 1200 lb/hr WITH DOWNWASH ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 100, 1100, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 609.11389 AND OCCURRED AT (700.0, 80.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 600.0	700.0	800.0	900.0	1000.0
86.0 /	570.10754 (132, 5)	525.23126 (132, 4)	489.59772 (132, 4)	447.73993 (132, 4)	410.77667 (132, 4)
84.0 /	569.36224 (132, 4)	565.66864 (132, 4)	530.09900 (132, 4)	487.27011 (132, 4)	449.16168 (132, 4)
82.0 /	595.69153 (132, 4)	594.43646 (132, 4)	558.98871 (132, 4)	515.43420 (132, 4)	476.42224 (132, 4)
80.0 /	608.86017 (132, 4)	609.11389 (132, 4)	573.66937 (132, 4)	529.51587 (132, 4)	489.77484 (132, 4)
78.0 /	607.97394 (132, 4)	608.62537 (132, 4)	572.96191 (132, 4)	528.27789 (132, 4)	487.94138 (132, 4)
76.0 /	593.33752 (132, 4)	593.27161 (132, 4)	557.16827 (132, 4)	512.03070 (132, 4)	471.24841 (132, 4)
74.0 /	566.29669 (132, 4)	564.56226 (132, 4)	527.91003 (132, 4)	482.48199 (132, 4)	441.48413 (132, 4)

*** ISCST BY KBN 11/86 *** 1981 REFINED 3-HOUR PSD TRS AT 1200 lb/hr WITH DOWNWASH ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 100, 1100, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 609.11389 AND OCCURRED AT (700.0, 80.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 1100.0	1200.0
86.0 /	381.30612 (132, 4)	358.27051 (132, 4)
84.0 /	418.59836 (132, 4)	394.48566 (132, 4)
82.0 /	444.94574 (132, 4)	419.88159 (132, 4)
80.0 /	457.52942 (132, 4)	431.63815 (132, 4)
78.0 /	455.06036 (132, 4)	428.48590 (132, 4)
76.0 /	435.81943 (177, 4)	378.29968 (177, 4)
74.0 /	376.74091 (177, 4)	323.28882 (177, 4)

ISCSTK6 MODEL, A VERSION OF
ISCST (VERSION 86170)
AN AIR QUALITY DISPERSION MODEL IN
SECTION 1. GUIDELINE MODELS.
IN UNAMAP (VERSION 6) JULY 1986.
SOURCE: FILE 6 ON UNAMAP MAGNETIC TAPE FROM NTIS.

CONVERTED BY :
KBN ENGINEERING AND APPLIED SCIENCES, INC.
GAINESVILLE, FLORIDA
(904)375-8000

CARD INPUT FILE IS	GAREF.I84	AAQS
SUMMARY OUTPUT FILE IS	GAREF.O84	
METEOROLOGICAL FILE IS	\AIRPROG\JAXPRE84.BIN	
TITLE OF RUN IS	SOURCE CONTRIBUTION/1984 REFINED 24-HR	

*** ISCST BY KBN 11/86 *** SOURCE CONTRIBUTION/1984 REFINED 24-HR ***

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) = 2
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) = 0
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) = 0
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) = 0
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 = 23
NUMBER OF SOURCE GROUPS (=0,ALL SOURCES)	NGROUP = 1
TIME PERIOD INTERVAL TO BE PRINTED (=0,ALL INTERVALS)	IPERD = 0
NUMBER OF X (RANGE) GRID VALUES	NXPNTS = 7
NUMBER OF Y (THETA) GRID VALUES	NYPNTS = 7
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 = 6.10 METERS
LOGICAL UNIT NUMBER OF METEOROLOGICAL DATA	IMET = 9
DECAY COEFFICIENT FOR PHYSICAL OR CHEMICAL DEPLETION	DECAY =0.000000E+00
SURFACE STATION NO.	ISS = 13889
YEAR OF SURFACE DATA	ISY = 84
UPPER AIR STATION NO.	IUS = 13861
YEAR OF UPPER AIR DATA	IUY = 84
ALLOCATED DATA STORAGE	LIMIT = 20000 WORDS
REQUIRED DATA STORAGE FOR THIS PROBLEM RUN	MIMIT = 5302 WORDS

*** METEOROLOGICAL DAYS TO BE PROCESSED ***
(IF=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 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 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 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 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 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 0 0 0 0 0 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 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 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 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 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 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 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 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
```

*** NUMBER OF SOURCE NUMBERS REQUIRED TO DEFINE SOURCE GROUPS ***
(NSOGRP)

3,

*** SOURCE NUMBERS DEFINING SOURCE GROUPS ***
(IDSOR)

100, 1100, -9993,

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

1.50, 3.10, 5.10, 8.20, 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

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

1000.0, 1100.0, 1200.0, 1300.0, 1400.0, 1500.0, 1600.0,

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

(DEGREES)

304.0, 306.0, 308.0, 310.0, 312.0, 314.0, 316.0,

*** 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)
100	0	0	0	0.98800E+02	0.0	0.0	0.0	65.00	561.00	13.50	0.98	0.00	0.00	0.00
200	0	0	0	-.15100E+02	-15.0	30.0	0.0	76.20	367.00	8.80	3.66	0.00	0.00	0.00
400	0	0	0	-.86000E+01	-43.0	7.0	0.0	40.50	372.00	7.28	3.41	0.00	0.00	0.00
500	0	0	0	-.13000E+00	-15.0	30.0	0.0	30.50	366.00	7.53	0.76	0.00	0.00	0.00
600	0	0	0	-.18000E+00	-15.0	30.0	0.0	30.50	375.00	9.51	0.91	0.00	0.00	0.00
700	0	0	0	-.18000E+00	-43.0	7.0	0.0	33.20	369.00	3.57	0.76	0.00	0.00	0.00
800	0	0	0	-.24000E+00	40.0	-73.0	0.0	15.20	401.00	5.24	1.28	0.00	0.00	0.00
900	0	0	0	-.24000E+00	34.0	-77.0	0.0	15.90	341.00	10.67	1.71	0.00	0.00	0.00
1000	0	0	0	-.48000E+00	41.0	-112.0	0.0	15.90	342.00	8.47	1.71	0.00	0.00	0.00
1100	0	0	0	0.37000E+02	-165.0	14.0	0.0	76.20	474.00	13.93	4.02	0.00	0.00	0.00
1200	0	0	0	0.88800E+02	-88.0	64.0	0.0	76.20	450.00	15.39	3.66	0.00	0.00	0.00
1300	0	0	0	0.68000E+00	-114.0	46.0	0.0	76.20	346.00	8.26	1.52	0.00	0.00	0.00
1400	0	0	0	0.13200E+01	-25.0	-146.0	0.0	45.40	351.00	16.46	1.31	0.00	0.00	0.00
1500	0	0	0	0.39700E+02	-192.0	58.0	0.0	70.10	489.00	22.20	3.66	0.00	0.00	0.00
1600	0	0	0	0.77000E+00	-150.0	87.0	0.0	67.70	344.00	12.11	1.52	0.00	0.00	0.00
1700	0	0	0	0.14500E+01	40.0	-137.0	0.0	45.40	350.00	14.27	1.32	0.00	0.00	0.00
1800	0	0	0	0.45300E+02	-78.0	110.0	0.0	37.00	474.00	14.54	1.22	0.00	0.00	0.00
1900	0	0	0	0.19710E+03	-87.0	88.0	0.0	70.70	502.00	18.49	2.74	0.00	0.00	0.00
2000	0	0	0	0.15030E+03	-104.0	78.0	0.0	70.70	500.00	15.81	2.74	0.00	0.00	0.00
9990	0	0	0	0.20110E+03	9100.0	-5700.0	0.0	22.30	458.00	31.70	3.14	0.00	0.00	0.00
9991	0	0	0	0.20110E+03	9100.0	-5700.0	0.0	22.30	458.00	31.70	3.14	0.00	0.00	0.00
9992	0	0	0	0.16360E+04	4600.0	5800.0	0.0	205.00	326.00	8.40	15.52	0.00	0.00	0.00
9993	0	0	0	0.37080E+03	8650.0	-5700.0	0.0	45.70	408.00	11.90	3.96	0.00	0.00	0.00

* CALM HOURS (=1) FOR DAY 98 * 0 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 0 1

* CALM HOURS (=1) FOR DAY 99 * 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 166 * 0 1 1 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1

* CALM HOURS (=1) FOR DAY 167 * 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 1 1 1 0

*** ISCST BY KBN 11/86 *** SOURCE CONTRIBUTION/1984 REFINED 24-HR ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 100, 1100, -9993,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 226.23222 AND OCCURRED AT (1000.0, 304.0) *

DIRECTION /	RANGE (METERS)				
(DEGREES) /	1000.0	1100.0	1200.0	1300.0	1400.0
316.0 /	134.66589C(167, 1)	130.55719C(167, 1)	125.14079C(167, 1)	123.52615C(99, 1)	123.85954C(99, 1)
314.0 /	152.54895C(167, 1)	147.43221C(167, 1)	144.81956C(99, 1)	146.59526C(99, 1)	147.60864C(99, 1)
312.0 /	170.54564C(167, 1)	164.23929C(167, 1)	163.59618C(99, 1)	166.39165C(99, 1)	168.17340C(99, 1)
310.0 /	189.26839C(167, 1)	182.26042C(167, 1)	175.55157C(99, 1)	179.33641C(99, 1)	181.89995C(99, 1)
308.0 /	207.03214C(167, 1)	200.16437C(167, 1)	191.31764C(167, 1)	182.84824C(167, 1)	185.41280C(99, 1)
306.0 /	220.27226C(167, 1)	214.04390C(167, 1)	205.58302C(167, 1)	197.35002C(167, 1)	190.16254C(167, 1)
304.0 /	226.23222C(167, 1)	220.53221C(167, 1)	212.49837C(167, 1)	204.58540C(167, 1)	197.63359C(167, 1)

*** ISCST BY KBN 11/86 *** SOURCE CONTRIBUTION/1984 REFINED 24-HR ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 100, 1100, -9993,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 226.23222 AND OCCURRED AT (1000.0, 304.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 1500.0	1600.0
316.0 /	123.74720C(99, 1)	123.27143C(99, 1)
314.0 /	147.96402C(99, 1)	147.77934C(99, 1)
312.0 /	169.07231C(99, 1)	169.24243C(99, 1)
310.0 /	183.38425C(99, 1)	183.96831C(99, 1)
308.0 /	187.39882C(99, 1)	188.38530C(99, 1)
306.0 /	184.01884C(167, 1)	180.02382C(99, 1)
304.0 /	191.67268C(167, 1)	186.48071C(167, 1)

*** ISCST BY KBN 11/86 *** SOURCE CONTRIBUTION/1984 REFINED 24-HR ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 100, 1100, -9993,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 182.24541 AND OCCURRED AT (1300.0, 308.0) *

DIRECTION /	RANGE (METERS)				
(DEGREES) /	1000.0	1100.0	1200.0	1300.0	1400.0
316.0 /	117.78463C(99, 1)	120.94255C(99, 1)	122.67358C(99, 1)	120.00765C(167, 1)	115.67875C(167, 1)
314.0 /	136.85841C(99, 1)	141.81201C(99, 1)	140.97578C(167, 1)	134.92921C(167, 1)	129.84273C(167, 1)
312.0 /	152.51199C(99, 1)	159.24721C(99, 1)	156.51666C(167, 1)	149.30598C(167, 1)	143.20137C(167, 1)
310.0 /	161.87680C(99, 1)	170.01169C(99, 1)	173.60326C(167, 1)	165.44730C(167, 1)	158.46375C(167, 1)
308.0 /	162.92586C(99, 1)	171.56035C(99, 1)	177.77177C(99, 1)	182.24541C(99, 1)	175.51492C(167, 1)
306.0 /	155.63481C(99, 1)	163.38832C(99, 1)	169.26405C(99, 1)	173.66704C(99, 1)	176.85942C(99, 1)
304.0 /	142.78300C(99, 1)	148.40767C(99, 1)	152.80856C(99, 1)	156.12691C(99, 1)	158.46284C(99, 1)

*** ISCST BY KBN 11/86 *** SOURCE CONTRIBUTION/1984 REFINED 24-HR ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 100, 1100, -9993,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 182.24541 AND OCCURRED AT (1300.0, 308.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 1500.0	1600.0
316.0 /	112.06033C(167, 1)	108.96383C(167, 1)
314.0 /	125.61501C(167, 1)	122.02267C(167, 1)
312.0 /	138.10573C(167, 1)	133.77046C(167, 1)
310.0 /	152.57970C(167, 1)	147.53821C(167, 1)
308.0 /	169.28093C(167, 1)	163.89717C(167, 1)
306.0 /	178.92532C(99, 1)	178.68306C(167, 1)
304.0 /	159.86186C(99, 1)	160.45079C(99, 1)

ISCSTK6 MODEL, A VERSION OF
ISCST (VERSION 86170)
AN AIR QUALITY DISPERSION MODEL IN
SECTION 1. GUIDELINE MODELS.
IN UNAMAP (VERSION 6) JULY 1986.
SOURCE: FILE 6 ON UNAMAP MAGNETIC TAPE FROM NTIS.

CONVERTED BY :
KBN ENGINEERING AND APPLIED SCIENCES, INC.
GAINESVILLE, FLORIDA
(904)375-8000

CARD INPUT FILE IS	RDAQ84.IN
SUMMARY OUTPUT FILE IS	RDAQ84.OUT
METEOROLOGICAL FILE IS	\AIRPROG\JAXPRE84.BIN
TITLE OF RUN IS	1984 REFINED 24-HR WITH BLDG DWNWSH

AAQS

*** ISCST BY KBN 11/86 *** 1984 REFINED 24-HR WITH BLDG DWNWSH ***

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) = 2
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) = 0
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) = 0
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) = 0
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 = 23
NUMBER OF SOURCE GROUPS (=0,ALL SOURCES)	NGROUP = 3
TIME PERIOD INTERVAL TO BE PRINTED (=0,ALL INTERVALS)	IPERD = 0
NUMBER OF X (RANGE) GRID VALUES	NXPNTS = 11
NUMBER OF Y (THETA) GRID VALUES	NYPNTS = 5
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 = 6.10 METERS
LOGICAL UNIT NUMBER OF METEOROLOGICAL DATA	IMET = 9
DECAY COEFFICIENT FOR PHYSICAL OR CHEMICAL DEPLETION	DECAY =0.000000E+00
SURFACE STATION NO.	ISS = 13889
YEAR OF SURFACE DATA	ISY = 84
UPPER AIR STATION NO.	IUS = 13861
YEAR OF UPPER AIR DATA	IUY = 84
ALLOCATED DATA STORAGE	LIMIT = 20000 WORDS
REQUIRED DATA STORAGE FOR THIS PROBLEM RUN	MIMIT = 5896 WORDS

*** METEOROLOGICAL DAYS TO BE PROCESSED ***
(IF=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 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 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 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 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 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 0 0 0 0 0 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 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 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 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 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 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 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 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
```

*** NUMBER OF SOURCE NUMBERS REQUIRED TO DEFINE SOURCE GROUPS ***
(NSOGRP)

1, 4, 3,

*** SOURCE NUMBERS DEFINING SOURCE GROUPS ***
(IDSOR)

100, 100, -1400, 9991, 9992, 100, 1100, -9994,

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

1.50, 3.10, 5.10, 8.20, 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 CATEGORY	WIND SPEED CATEGORY 1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

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

500.0, 600.0, 700.0, 800.0, 900.0, 1000.0, 1100.0, 1200.0, 1300.0, 1400.0,
1500.0,

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

(DEGREES)

302.0, 306.0, 310.0, 314.0, 318.0,

*** 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)
100	0	0	0	0.98800E+02	0.0	0.0	0.0	65.00	561.00	13.50	0.98	0.00	0.00	0.00
200	0	0	0	-.15100E+02	-15.0	30.0	0.0	76.20	367.00	8.80	3.66	31.00	31.00	30.50
400	0	0	0	-.86000E+01	-43.0	7.0	0.0	40.50	372.00	7.28	3.41	31.00	31.00	30.50
500	0	0	0	-.13000E+00	-15.0	30.0	0.0	30.50	366.00	7.53	0.76	31.00	31.00	30.50
600	0	0	0	-.18000E+00	-15.0	30.0	0.0	30.50	375.00	9.51	0.91	31.00	31.00	30.50
700	0	0	0	-.18000E+00	-43.0	7.0	0.0	33.20	369.00	3.57	0.76	31.00	31.00	30.50
800	0	0	0	-.24000E+00	40.0	-73.0	0.0	15.20	401.00	5.24	1.28	0.00	0.00	0.00
900	0	0	0	-.24000E+00	34.0	-77.0	0.0	15.90	341.00	10.67	1.71	0.00	0.00	0.00
1000	0	0	0	-.48000E+00	41.0	-112.0	0.0	15.90	342.00	8.47	1.71	0.00	0.00	0.00
1100	0	0	0	0.37000E+02	-165.0	14.0	0.0	76.20	474.00	13.93	4.02	33.50	64.80	64.80
1200	0	0	0	0.88800E+02	-88.0	64.0	0.0	76.20	450.00	15.39	3.66	33.50	64.80	64.80
1300	0	0	0	0.68000E+00	-114.0	46.0	0.0	76.20	346.00	8.26	1.52	33.50	64.80	64.80
1400	0	0	0	0.13200E+01	-25.0	-146.0	0.0	45.40	351.00	16.46	1.31	0.00	0.00	0.00
1500	0	0	0	0.39700E+02	-192.0	58.0	0.0	70.10	489.00	22.20	3.66	33.50	64.80	64.80
1600	0	0	0	0.77000E+00	-150.0	87.0	0.0	67.70	344.00	12.11	1.52	33.50	64.80	64.80
1700	0	0	0	0.14500E+01	40.0	-137.0	0.0	45.40	350.00	14.27	1.32	0.00	0.00	0.00
1800	0	0	0	0.45300E+02	-78.0	110.0	0.0	37.00	474.00	14.54	1.22	33.50	64.80	64.80
1900	0	0	0	0.19710E+03	-87.0	88.0	0.0	70.70	502.00	18.49	2.74	33.50	64.80	64.80
2000	0	0	0	0.15030E+03	-104.0	78.0	0.0	70.70	500.00	15.81	2.74	33.50	64.80	64.80
9990	0	0	0	0.20110E+03	9100.0	-5700.0	0.0	22.30	458.00	31.70	3.14	0.00	0.00	0.00
9991	0	0	0	0.20110E+03	9100.0	-5700.0	0.0	22.30	458.00	31.70	3.14	0.00	0.00	0.00
9992	0	0	0	0.16360E+04	4600.0	5800.0	0.0	205.00	326.00	8.40	15.52	0.00	0.00	0.00
9993	0	0	0	0.37080E+03	8650.0	-5700.0	0.0	45.70	408.00	11.90	3.96	0.00	0.00	0.00

* CALM HOURS (=1) FOR DAY 98 * 0 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 0 1

CALM HOURS (=1) FOR DAY 99 * 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 166 * 0 1 1 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1

* CALM HOURS (=1) FOR DAY 167 * 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 1 1 1 0

*** ISCST BY KBN 11/86 *** 1984 REFINED 24-HR WITH BLDG DWNWSH ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 100, 1100, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 262.49521 AND OCCURRED AT (500.0, 310.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	600.0	700.0	800.0	900.0
318.0 /	183.52664C(166, 1)	150.81415C(166, 1)	132.56099C(167, 1)	131.37427C(167, 1)	130.59637C(167, 1)
314.0 /	230.53978C(99, 1)	211.84138C(99, 1)	197.95053C(99, 1)	187.39539C(99, 1)	180.08319C(99, 1)
310.0 /	262.49521C(99, 1)	249.70268C(99, 1)	237.44170C(99, 1)	227.41191C(99, 1)	221.04469C(99, 1)
306.0 /	207.54234C(167, 1)	226.78326C(167, 1)	231.00565C(167, 1)	236.89694C(167, 1)	239.04463C(167, 1)
302.0 /	204.67058C(167, 1)	216.60310C(167, 1)	221.73053C(167, 1)	230.35481C(167, 1)	235.33894C(167, 1)

*** ISCST BY KBN 11/86 *** 1984 REFINED 24-HR WITH BLDG DWNWSH ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 100, 1100, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 262.49521 AND OCCURRED AT (500.0, 310.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 1000.0	1100.0	1200.0	1300.0	1400.0
318.0 /	127.20805C(167, 1)	121.20544C(167, 1)	114.74508C(167, 1)	109.12783C(99, 1)	107.50513C(99, 1)
314.0 /	175.74426C(99, 1)	172.32207C(99, 1)	169.61363C(99, 1)	167.35561C(99, 1)	165.30086C(99, 1)
310.0 /	218.05351C(99, 1)	215.89484C(99, 1)	214.14944C(99, 1)	212.56674C(99, 1)	210.89366C(99, 1)
306.0 /	234.29195C(167, 1)	224.64655C(167, 1)	213.88896C(167, 1)	210.14651C(99, 1)	210.17685C(99, 1)
302.0 /	233.02609C(167, 1)	225.32222C(167, 1)	216.04659C(167, 1)	207.29623C(167, 1)	199.72453C(167, 1)

*** ISCST BY KBN 11/86 *** 1984 REFINED 24-HR WITH BLDG DWNWSH ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 100, 1100, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 262.49521 AND OCCURRED AT (500.0, 310.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 1500.0
318.0 /	105.96613C(99, 1)
314.0 /	163.29050C(99, 1)
310.0 /	208.99832C(99, 1)
306.0 /	209.50905C(99, 1)
302.0 /	193.30061C(167, 1)

*** ISCST BY KBN 11/86 *** 1984 REFINED 24-HR WITH BLDG DWNWSH ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 100, 1100, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 209.70958 AND OCCURRED AT (600.0, 310.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	600.0	700.0	800.0	900.0
318.0 /	148.01419C(99, 1)	136.84558C(99, 1)	128.94826C(99, 1)	122.89806C(99, 1)	118.51765C(99, 1)
314.0 /	161.80289C(167, 1)	170.58919C(167, 1)	168.73784C(167, 1)	169.23633C(167, 1)	169.04449C(167, 1)
310.0 /	199.62105C(167, 1)	209.70958C(167, 1)	207.29384C(167, 1)	208.05879C(167, 1)	207.15746C(167, 1)
306.0 /	192.13673C(99, 1)	202.94360C(99, 1)	204.85536C(99, 1)	203.61227C(99, 1)	204.01247C(99, 1)
302.0 /	124.23056C(99, 1)	133.30879C(99, 1)	138.27664C(99, 1)	140.70987C(99, 1)	143.18976C(99, 1)

*** ISCST BY KBN 11/86 *** 1984 REFINED 24-HR WITH BLDG DWNWSH ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 100, 1100, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 209.70958 AND OCCURRED AT (600.0, 310.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 1000.0	1100.0	1200.0	1300.0	1400.0
318.0 /	115.58013C(99, 1)	113.04370C(99, 1)	110.93012C(99, 1)	108.97297C(167, 1)	104.16077C(167, 1)
314.0 /	164.81238C(167, 1)	157.18513C(167, 1)	148.99020C(167, 1)	141.70210C(167, 1)	135.65619C(167, 1)
310.0 /	200.93225C(167, 1)	190.87749C(167, 1)	180.22321C(167, 1)	170.71812C(167, 1)	162.75949C(167, 1)
306.0 /	206.05156C(99, 1)	208.03191C(99, 1)	209.40454C(99, 1)	204.04826C(167, 1)	195.67119C(167, 1)
302.0 /	146.06638C(99, 1)	148.68643C(99, 1)	150.66785C(99, 1)	151.92874C(99, 1)	152.40401C(99, 1)

*** ISCST BY KBN 11/86 *** 1984 REFINED 24-HR WITH BLDG DWNWSH ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 100, 1100, -9994,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 209.70958 AND OCCURRED AT (600.0, 310.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 1500.0
318.0 /	100.15478C(167, 1)
314.0 /	130.67728C(167, 1)
310.0 /	156.15759C(167, 1)
306.0 /	188.63580C(167, 1)
302.0 /	152.13388C(99, 1)

Maximum Predicted SO_2 Concentrations

Refined Modeling Analysis for Comparison to PSD Class II Increments

ISCSTK6 MODEL, A VERSION OF
ISCST (VERSION 86170)
AN AIR QUALITY DISPERSION MODEL IN
SECTION 1. GUIDELINE MODELS.
IN UNAMAP (VERSION 6) JULY 1986.
SOURCE: FILE 6 ON UNAMAP MAGNETIC TAPE FROM NTIS.

CONVERTED BY :
KBN ENGINEERING AND APPLIED SCIENCES, INC.
GAINESVILLE, FLORIDA
(904)375-8000

PSD

CARD INPUT FILE IS	grpsd3.i82
SUMMARY OUTPUT FILE IS	grpsd3.o82
METEOROLOGICAL FILE IS	jaxpre82.bin
TITLE OF RUN IS	1982 REFINED 3-HOUR PSD TRS AT 1200 lb/hr NO DOWNWASH

*** ISCST BY KBN 11/86 *** 1982 REFINED 3-HOUR PSD TRS AT 1200 lb/hr NO DOWNWASH ***

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) = 2
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) = 0
PRINT 'N'-DAY TABLE(S) (YES=1,NO=0)	ISW(15) = 0
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) = 0
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 = 23
NUMBER OF SOURCE GROUPS (=0,ALL SOURCES)	NGROUP = 3
TIME PERIOD INTERVAL TO BE PRINTED (=0,ALL INTERVALS)	IPERD = 0
NUMBER OF X (RANGE) GRID VALUES	NXPNTS = 7
NUMBER OF Y (THETA) GRID VALUES	NYPNTS = 7
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 = 6.10 METERS
LOGICAL UNIT NUMBER OF METEOROLOGICAL DATA	IMET = 9
DECAY COEFFICIENT FOR PHYSICAL OR CHEMICAL DEPLETION	DECAY =0.000000E+00
SURFACE STATION NO.	ISS = 13889
YEAR OF SURFACE DATA	ISY = 82
UPPER AIR STATION NO.	IUS = 13861
YEAR OF UPPER AIR DATA	IUY = 82
ALLOCATED DATA STORAGE	LIMIT = 20000 WORDS
REQUIRED DATA STORAGE FOR THIS PROBLEM RUN	MIMIT = 5792 WORDS

*** ISCST BY KBN 11/86 *** 1982 REFINED 3-HOUR PSD TRS AT 1200 lb/hr NO DOWNWASH ***

*** METEOROLOGICAL DAYS TO BE PROCESSED ***
(IF=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 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 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 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 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 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 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 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 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 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 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 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 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 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 0 0 0
```

*** NUMBER OF SOURCE NUMBERS REQUIRED TO DEFINE SOURCE GROUPS ***
(NSOGRP)

1, 4, 3,

*** SOURCE NUMBERS DEFINING SOURCE GROUPS ***
(IDSOR)

100, 100, -1400, 9991, 9992, 100, 1100, -9994,

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

1.50, 3.10, 5.10, 8.20, 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 CATEGORY	WIND SPEED CATEGORY 1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

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

400.0, 500.0, 600.0, 700.0, 800.0, 900.0, 1000.0,

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

(DEGREES)

224.0, 226.0, 228.0, 230.0, 232.0, 234.0, 236.0,

*** ISCST BY KBN 11/86 *** 1982 REFINED 3-HOUR PSD TRS AT 1200 lb/hr NO DOWNWASH ***

*** 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)
100	0	0	0	0.15190E+03	0.0	0.0	0.0	65.00	561.00	13.50	0.98	0.00	0.00	0.00
200	0	0	0	-.15100E+02	-15.0	30.0	0.0	76.20	367.00	8.80	3.66	0.00	0.00	0.00
400	0	0	0	-.86000E+01	-43.0	7.0	0.0	40.50	372.00	7.28	3.41	0.00	0.00	0.00
500	0	0	0	-.13000E+00	-15.0	30.0	0.0	30.50	366.00	7.53	0.76	0.00	0.00	0.00
600	0	0	0	-.18000E+00	-15.0	30.0	0.0	30.50	375.00	9.51	0.91	0.00	0.00	0.00
700	0	0	0	-.18000E+00	-43.0	7.0	0.0	33.20	369.00	3.57	0.76	0.00	0.00	0.00
800	0	0	0	-.24000E+00	40.0	-73.0	0.0	15.20	401.00	5.24	1.28	0.00	0.00	0.00
900	0	0	0	-.24000E+00	34.0	-77.0	0.0	15.90	341.00	10.67	1.71	0.00	0.00	0.00
1000	0	0	0	-.48000E+00	41.0	-112.0	0.0	15.90	342.00	8.47	1.71	0.00	0.00	0.00
1100	0	0	0	0.37000E+02	-165.0	14.0	0.0	76.20	474.00	13.93	4.02	0.00	0.00	0.00
1200	0	0	0	0.88800E+02	-88.0	64.0	0.0	76.20	450.00	15.39	3.66	0.00	0.00	0.00
1300	0	0	0	0.68000E+00	-114.0	46.0	0.0	76.20	346.00	8.26	1.52	0.00	0.00	0.00
1400	0	0	0	0.13200E+01	-25.0	-146.0	0.0	45.40	351.00	16.46	1.31	0.00	0.00	0.00
1500	0	0	0	0.39700E+02	-192.0	58.0	0.0	70.10	489.00	22.20	3.66	0.00	0.00	0.00
1600	0	0	0	0.77000E+00	-150.0	87.0	0.0	67.70	344.00	12.11	1.52	0.00	0.00	0.00
1700	0	0	0	0.14500E+01	40.0	-137.0	0.0	45.40	350.00	14.27	1.32	0.00	0.00	0.00
1800	0	0	0	0.45300E+02	-78.0	110.0	0.0	37.00	474.00	14.54	1.22	0.00	0.00	0.00
1900	0	0	0	0.19710E+03	-87.0	88.0	0.0	70.70	502.00	18.49	2.74	0.00	0.00	0.00
2000	0	0	0	0.15030E+03	-104.0	78.0	0.0	70.70	500.00	15.81	2.74	0.00	0.00	0.00
9990	0	0	0	0.20110E+03	8650.0	-5700.0	0.0	22.30	458.00	31.70	3.14	0.00	0.00	0.00
9991	0	0	0	0.20110E+03	8650.0	-5700.0	0.0	22.30	458.00	31.70	3.14	0.00	0.00	0.00
9992	0	0	0	0.16360E+04	9100.0	-5700.0	0.0	205.00	326.00	8.40	15.52	0.00	0.00	0.00
9993	0	0	0	0.37080E+03	4600.0	5800.0	0.0	45.70	408.00	11.90	3.96	0.00	0.00	0.00

* CALM HOURS (=1) FOR DAY 108 * 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1

* CALM HOURS (=1) FOR DAY 109 * 0 1 1 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 162 * 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1

*** ISCST BY KBN 11/86 *** 1982 REFINED 3-HOUR PSD TRS AT 1200 lb/hr NO DOWNWASH ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 100, -1400, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 515.26715 AND OCCURRED AT (500.0, 226.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 400.0	500.0	600.0	700.0	800.0
236.0 /	314.16898 (162, 4)	402.31708 (109, 5)	376.51819 (109, 5)	309.18930 (109, 5)	254.91264 (109, 5)
234.0 /	314.76373 (109, 5)	438.39999 (109, 5)	409.70935 (109, 5)	336.33218 (109, 5)	276.80344 (109, 5)
232.0 /	337.77048 (109, 5)	468.76767 (109, 5)	438.16632 (109, 5)	359.99933 (109, 5)	296.10666 (109, 5)
230.0 /	355.26669 (109, 5)	492.31577 (109, 5)	461.02588 (109, 5)	379.59164 (109, 5)	312.40186 (109, 5)
228.0 /	366.44800 (109, 5)	508.09006 (109, 5)	477.46576 (109, 5)	394.47040 (109, 5)	325.17908 (109, 5)
226.0 /	370.69809 (109, 5)	515.26715 (109, 5)	486.65341 (109, 5)	403.89276 (109, 5)	333.77527 (109, 5)
224.0 /	367.61703 (109, 5)	513.16943 (109, 5)	487.75897 (109, 5)	407.01520 (109, 5)	337.38055 (109, 5)

*** ISCST BY KBN 11/86 *** 1982 REFINED 3-HOUR PSD TRS AT 1200 lb/hr NO DOWNWASH ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 100, -1400, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 515.26715 AND OCCURRED AT (500.0, 226.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 900.0	1000.0
236.0 /	212.63306 (109, 5)	177.27832 (109, 5)
234.0 /	230.61038 (109, 5)	192.42369 (109, 5)
232.0 /	246.70697 (109, 5)	206.26511 (109, 5)
230.0 /	260.59805 (109, 5)	218.53152 (109, 5)
228.0 /	271.83151 (109, 5)	228.79788 (109, 5)
226.0 /	279.77368 (109, 5)	236.43877 (109, 5)
224.0 /	283.62491 (109, 5)	240.65353 (109, 5)

*** ISCST BY KBN 11/86 *** 1982 REFINED 3-HOUR PSD TRS AT 1200 lb/hr NO DOWNWASH ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 100, -1400, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 378.00632 AND OCCURRED AT (500.0, 234.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 400.0	500.0	600.0	700.0	800.0
236.0 /	287.23630 (109, 5)	374.13559 (162, 4)	313.51178 (162, 4)	246.91089 (162, 4)	201.40704 (162, 4)
234.0 /	314.69821 (162, 4)	378.00632 (162, 4)	317.54291 (162, 4)	248.85980 (162, 4)	201.46103 (162, 4)
232.0 /	310.46729 (162, 4)	376.26849 (162, 4)	316.93835 (162, 4)	247.26251 (162, 4)	198.69998 (162, 4)
230.0 /	301.62598 (162, 4)	368.95728 (162, 4)	311.69659 (162, 4)	242.17596 (162, 4)	193.24358 (162, 4)
228.0 /	288.51984 (162, 4)	356.36298 (162, 4)	302.04712 (162, 4)	233.83221 (162, 4)	185.34949 (162, 4)
226.0 /	271.66913 (162, 4)	339.03510 (162, 4)	288.46548 (162, 4)	222.66669 (162, 4)	175.43790 (162, 4)
224.0 /	251.76457 (162, 4)	317.78015 (162, 4)	271.69498 (162, 4)	209.34636 (162, 4)	164.12138 (162, 4)

*** ISCST BY KBN 11/86 *** 1982 REFINED 3-HOUR PSD TRS AT 1200 lb/hr NO DOWNWASH ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 100, -1400, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 378.00632 AND OCCURRED AT (500.0, 234.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 900.0	1000.0
236.0 /	165.99654 (162, 4)	135.62257 (162, 4)
234.0 /	165.14310 (162, 4)	134.61951 (162, 4)
232.0 /	161.99843 (162, 4)	144.88440 (162, 5)
230.0 /	163.00330 (162, 5)	151.68237 (162, 5)
228.0 /	163.04710 (162, 5)	151.36722 (162, 5)
226.0 /	155.39066 (162, 5)	143.83963 (162, 5)
224.0 /	140.99329 (162, 5)	130.05591 (162, 5)

ISCSTK6 MODEL, A VERSION OF
ISCST (VERSION 86170)
AN AIR QUALITY DISPERSION MODEL IN
SECTION 1. GUIDELINE MODELS.
IN UNAMAP (VERSION 6) JULY 1986.
SOURCE: FILE 6 ON UNAMAP MAGNETIC TAPE FROM NTIS.

CONVERTED BY :
KBN ENGINEERING AND APPLIED SCIENCES, INC.
GAINESVILLE, FLORIDA
(904)375-8000

CARD INPUT FILE IS	grpsddw3.i82 PSD
SUMMARY OUTPUT FILE IS	grpsddw3.o82
METEOROLOGICAL FILE IS	jaxpre82.bin
TITLE OF RUN IS	1982 REFINED 3-HOUR PSD TRS AT 1200 lb/hr

*** ISCST BY KBN 11/86 *** 1982 REFINED 3-HOUR PSD TRS AT 1200 lb/hr ***

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) = 2
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) = 0
PRINT 'N'-DAY TABLE(S) (YES=1,NO=0)	ISW(15) = 0
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) = 0
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 = 23
NUMBER OF SOURCE GROUPS (=0,ALL SOURCES)	NGROUP = 3
TIME PERIOD INTERVAL TO BE PRINTED (=0,ALL INTERVALS)	IPERD = 0
NUMBER OF X (RANGE) GRID VALUES	NXPNTS = 7
NUMBER OF Y (THETA) GRID VALUES	NYPNTS = 7
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 = 6.10 METERS
LOGICAL UNIT NUMBER OF METEOROLOGICAL DATA	IMET = 9
DECAY COEFFICIENT FOR PHYSICAL OR CHEMICAL DEPLETION	DECAY =0.000000E+00
SURFACE STATION NO.	ISS = 13889
YEAR OF SURFACE DATA	ISY = 82
UPPER AIR STATION NO.	IUS = 13861
YEAR OF UPPER AIR DATA	IUY = 82
ALLOCATED DATA STORAGE	LIMIT = 20000 WORDS
REQUIRED DATA STORAGE FOR THIS PROBLEM RUN	MIMIT = 5792 WORDS

*** METEOROLOGICAL DAYS TO BE PROCESSED ***
(IF=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 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 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 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 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 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 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 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 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 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 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 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 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 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 0 0 0
```

*** NUMBER OF SOURCE NUMBERS REQUIRED TO DEFINE SOURCE GROUPS ***
(NSOGRP)

1, 4, 3,

*** SOURCE NUMBERS DEFINING SOURCE GROUPS ***
(IDSOR)

100, 100, -1400, 9991, 9992, 100, 1100, -9994,

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

1.50, 3.10, 5.10, 8.20, 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 CATEGORY	WIND SPEED CATEGORY 1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

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

400.0, 500.0, 600.0, 700.0, 800.0, 900.0, 1000.0,

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

(DEGREES)

224.0, 226.0, 228.0, 230.0, 232.0, 234.0, 236.0,

*** ISCST BY KBN 11/86 *** 1982 REFINED 3-HOUR PSD TRS AT 1200 lb/hr ***

*** 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)
100	0	0	0	0.15190E+03	0.0	0.0	0.0	65.00	561.00	13.50	0.98	0.00	0.00	0.00
200	0	0	0	-.15100E+02	-15.0	30.0	0.0	76.20	367.00	8.80	3.66	30.50	31.00	31.00
400	0	0	0	-.86000E+01	-43.0	7.0	0.0	40.50	372.00	7.28	3.41	30.50	31.00	31.00
500	0	0	0	-.13000E+00	-15.0	30.0	0.0	30.50	366.00	7.53	0.76	30.50	31.00	31.00
600	0	0	0	-.18000E+00	-15.0	30.0	0.0	30.50	375.00	9.51	0.91	30.50	31.00	31.00
700	0	0	0	-.18000E+00	-43.0	7.0	0.0	33.20	369.00	3.57	0.76	30.50	31.00	31.00
800	0	0	0	-.24000E+00	40.0	-73.0	0.0	15.20	401.00	5.24	1.28	0.00	0.00	0.00
900	0	0	0	-.24000E+00	34.0	-77.0	0.0	15.90	341.00	10.67	1.71	0.00	0.00	0.00
1000	0	0	0	-.48000E+00	41.0	-112.0	0.0	15.90	342.00	8.47	1.71	0.00	0.00	0.00
1100	0	0	0	0.37000E+02	-165.0	14.0	0.0	76.20	474.00	13.93	4.02	33.50	64.80	64.80
1200	0	0	0	0.88800E+02	-88.0	64.0	0.0	76.20	450.00	15.39	3.66	33.50	64.80	64.80
1300	0	0	0	0.68000E+00	-114.0	46.0	0.0	76.20	346.00	8.26	1.52	33.50	64.80	64.80
1400	0	0	0	0.13200E+01	-25.0	-146.0	0.0	45.40	351.00	16.46	1.31	0.00	0.00	0.00
1500	0	0	0	0.39700E+02	-192.0	58.0	0.0	70.10	489.00	22.20	3.66	33.50	64.80	64.80
1600	0	0	0	0.77000E+00	-150.0	87.0	0.0	67.70	344.00	12.11	1.52	33.50	64.80	64.80
1700	0	0	0	0.14500E+01	40.0	-137.0	0.0	45.40	350.00	14.27	1.32	0.00	0.00	0.00
1800	0	0	0	0.45300E+02	-78.0	110.0	0.0	37.00	474.00	14.54	1.22	33.50	64.80	64.80
1900	0	0	0	0.19710E+03	-87.0	88.0	0.0	70.70	502.00	18.49	2.74	33.50	64.80	64.80
2000	0	0	0	0.15030E+03	-104.0	78.0	0.0	70.70	500.00	15.81	2.74	33.50	64.80	64.80
9990	0	0	0	0.20110E+03	8650.0	-5700.0	0.0	22.30	458.00	31.70	3.14	0.00	0.00	0.00
9991	0	0	0	0.20110E+03	8650.0	-5700.0	0.0	22.30	458.00	31.70	3.14	0.00	0.00	0.00
9992	0	0	0	0.16360E+04	9100.0	-5700.0	0.0	205.00	326.00	8.40	15.52	0.00	0.00	0.00
9993	0	0	0	0.37080E+03	4600.0	5800.0	0.0	45.70	408.00	11.90	3.96	0.00	0.00	0.00

* CALM HOURS (=1) FOR DAY 108 * 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1

* CALM HOURS (=1) FOR DAY 109 * 0 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 162 * 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1

*** ISCST BY KBN 11/86 *** 1982 REFINED 3-HOUR PSD TRS AT 1200 lb/hr ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 100, -1400, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 512.69348 AND OCCURRED AT (500.0, 226.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 400.0	500.0	600.0	700.0	800.0
236.0 /	309.57065 (162, 4)	400.69662 (109, 5)	376.36252 (109, 5)	309.12305 (109, 5)	254.89178 (109, 5)
234.0 /	310.28735 (162, 4)	436.60754 (109, 5)	409.46689 (109, 5)	336.23111 (109, 5)	276.77338 (109, 5)
232.0 /	329.97736 (109, 5)	466.77621 (109, 5)	437.81775 (109, 5)	359.85596 (109, 5)	296.06641 (109, 5)
230.0 /	346.87411 (109, 5)	490.11346 (109, 5)	460.55829 (109, 5)	379.40100 (109, 5)	312.35141 (109, 5)
228.0 /	357.59436 (109, 5)	505.68597 (109, 5)	476.87534 (109, 5)	394.23138 (109, 5)	325.11932 (109, 5)
226.0 /	361.57855 (109, 5)	512.69348 (109, 5)	485.94830 (109, 5)	403.60846 (109, 5)	333.70807 (109, 5)
224.0 /	358.47052 (109, 5)	510.48032 (109, 5)	486.95917 (109, 5)	406.69324 (109, 5)	337.30829 (109, 5)

*** ISCST BY KBN 11/86 *** 1982 REFINED 3-HOUR PSD TRS AT 1200 lb/hr ***

* HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 100, -1400, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 512.69348 AND OCCURRED AT (500.0, 226.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 900.0	1000.0
236.0 /	212.63300 (109, 5)	177.28685 (109, 5)
234.0 /	230.61276 (109, 5)	192.43933 (109, 5)
232.0 /	246.71385 (109, 5)	206.29120 (109, 5)
230.0 /	260.61188 (109, 5)	218.57162 (109, 5)
228.0 /	271.85461 (109, 5)	228.85495 (109, 5)
226.0 /	279.80771 (109, 5)	236.51457 (109, 5)
224.0 /	283.67023 (109, 5)	240.74779 (109, 5)

*** ISCST BY KBN 11/86 *** 1982 REFINED 3-HOUR PSD TRS AT 1200 lb/hr ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 100, -1400, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 377.83850 AND OCCURRED AT (500.0, 234.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 400.0	500.0	600.0	700.0	800.0
236.0 /	280.82855 (109, 5)	373.93018 (162, 4)	313.51105 (162, 4)	246.91061 (162, 4)	201.40691 (162, 4)
234.0 /	307.64954 (109, 5)	377.83850 (162, 4)	317.54102 (162, 4)	248.85892 (162, 4)	201.46062 (162, 4)
232.0 /	306.28955 (162, 4)	376.08456 (162, 4)	316.93335 (162, 4)	247.26001 (162, 4)	198.69879 (162, 4)
230.0 /	297.70828 (162, 4)	368.74634 (162, 4)	311.68475 (162, 4)	242.16974 (162, 4)	193.24051 (162, 4)
228.0 /	284.86072 (162, 4)	356.11902 (162, 4)	302.02170 (162, 4)	233.81833 (162, 4)	185.34241 (162, 4)
226.0 /	268.24927 (162, 4)	338.74725 (162, 4)	288.41553 (162, 4)	222.63846 (162, 4)	175.42313 (162, 4)
224.0 /	248.53850 (162, 4)	317.43185 (162, 4)	271.60425 (162, 4)	209.29349 (162, 4)	164.09312 (162, 4)

*** ISCST BY KBN 11/86 *** 1982 REFINED 3-HOUR PSD TRS AT 1200 lb/hr ***

* SECOND HIGHEST 3-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 100, -1400, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 377.83850 AND OCCURRED AT (500.0, 234.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 900.0	1000.0
236.0 /	165.99648 (162, 4)	135.62256 (162, 4)
234.0 /	165.14291 (162, 4)	134.61942 (162, 4)
232.0 /	161.99786 (162, 4)	144.74893 (162, 5)
230.0 /	162.67206 (162, 5)	151.54933 (162, 5)
228.0 /	162.73380 (162, 5)	151.24088 (162, 5)
226.0 /	155.10678 (162, 5)	143.72415 (162, 5)
224.0 /	140.74709 (162, 5)	129.95444 (162, 5)

ISCSTK6 MODEL, A VERSION OF
ISCST (VERSION 86170)
AN AIR QUALITY DISPERSION MODEL IN
SECTION 1. GUIDELINE MODELS.
IN UNAMAP (VERSION 6) JULY 1986.
SOURCE: FILE 6 ON UNAMAP MAGNETIC TAPE FROM NTIS.

CONVERTED BY :
KBN ENGINEERING AND APPLIED SCIENCES, INC.
GAINESVILLE, FLORIDA
(904)375-8000

CARD INPUT FILE IS	GPREF.I84	PSD
SUMMARY OUTPUT FILE IS	GPREF.O84	
METEOROLOGICAL FILE IS	\AIRPROG\JAXPRE84.BIN	
TITLE OF RUN IS	SOURCE CONTRIBUTION/1984 REFINED 24-HR	

*** ISCST BY KBN 11/86 *** SOURCE CONTRIBUTION/1984 REFINED 24-HR ***

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) = 2
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) = 0
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) = 0
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) = 0
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 = 23
NUMBER OF SOURCE GROUPS (=0,ALL SOURCES)	NGROUP = 1
TIME PERIOD INTERVAL TO BE PRINTED (=0,ALL INTERVALS)	IPERD = 0
NUMBER OF X (RANGE) GRID VALUES	NXPNTS = 7
NUMBER OF Y (THETA) GRID VALUES	NYPNTS = 7
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 = 6.10 METERS
LOGICAL UNIT NUMBER OF METEOROLOGICAL DATA	IMET = 9
DECAY COEFFICIENT FOR PHYSICAL OR CHEMICAL DEPLETION	DECAY =0.000000E+00
SURFACE STATION NO.	ISS = 13889
YEAR OF SURFACE DATA	ISY = 84
UPPER AIR STATION NO.	IUS = 13861
YEAR OF UPPER AIR DATA	IUY = 84
ALLOCATED DATA STORAGE	LIMIT = 20000 WORDS
REQUIRED DATA STORAGE FOR THIS PROBLEM RUN	MIMIT = 5302 WORDS

*** METEOROLOGICAL DAYS TO BE PROCESSED ***
(IF=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 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
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 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 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 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 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   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 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 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 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 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   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 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 0 0 0 0
```

*** NUMBER OF SOURCE NUMBERS REQUIRED TO DEFINE SOURCE GROUPS ***
(NSOGRP)

4,

*** SOURCE NUMBERS DEFINING SOURCE GROUPS ***
(IDSOR)

100, -1400, 9991, 9992,

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

1.50, 3.10, 5.10, 8.20, 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 CATEGORY	WIND SPEED CATEGORY 1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

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

600.0, 700.0, 800.0, 900.0, 1000.0, 1100.0, 1200.0,

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

(DEGREES)

204.0, 206.0, 208.0, 210.0, 212.0, 214.0, 216.0,

*** ISCST BY KBN 11/86 *** SOURCE CONTRIBUTION/1984 REFINED 24-HR ***

*** SOURCE DATA ***

SOURCE NUMBER	TYPE	WAKE	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)
100	0	0	0	0.98800E+02	0.0	0.0	0.0	65.00	561.00	13.50	0.98	0.00	0.00	0.00
200	0	0	0	-.15100E+02	-15.0	30.0	0.0	76.20	367.00	8.80	3.66	0.00	0.00	0.00
400	0	0	0	-.86000E+01	-43.0	7.0	0.0	40.50	372.00	7.28	3.41	0.00	0.00	0.00
500	0	0	0	-.13000E+00	-15.0	30.0	0.0	30.50	366.00	7.53	0.76	0.00	0.00	0.00
600	0	0	0	-.18000E+00	-15.0	30.0	0.0	30.50	375.00	9.51	0.91	0.00	0.00	0.00
700	0	0	0	-.18000E+00	-43.0	7.0	0.0	33.20	369.00	3.57	0.76	0.00	0.00	0.00
800	0	0	0	-.24000E+00	40.0	-73.0	0.0	15.20	401.00	5.24	1.28	0.00	0.00	0.00
900	0	0	0	-.24000E+00	34.0	-77.0	0.0	15.90	341.00	10.67	1.71	0.00	0.00	0.00
1000	0	0	0	-.48000E+00	41.0	-112.0	0.0	15.90	342.00	8.47	1.71	0.00	0.00	0.00
1100	0	0	0	0.37000E+02	-165.0	14.0	0.0	76.20	474.00	13.93	4.02	0.00	0.00	0.00
1200	0	0	0	0.88800E+02	-88.0	64.0	0.0	76.20	450.00	15.39	3.66	0.00	0.00	0.00
1300	0	0	0	0.68000E+00	-114.0	46.0	0.0	76.20	346.00	8.26	1.52	0.00	0.00	0.00
1400	0	0	0	0.13200E+01	-25.0	-146.0	0.0	45.40	351.00	16.46	1.31	0.00	0.00	0.00
1500	0	0	0	0.39700E+02	-192.0	58.0	0.0	70.10	489.00	22.20	3.66	0.00	0.00	0.00
1600	0	0	0	0.77000E+00	-150.0	87.0	0.0	67.70	344.00	12.11	1.52	0.00	0.00	0.00
1700	0	0	0	0.14500E+01	40.0	-137.0	0.0	45.40	350.00	14.27	1.32	0.00	0.00	0.00
1800	0	0	0	0.45300E+02	-78.0	110.0	0.0	37.00	474.00	14.54	1.22	0.00	0.00	0.00
1900	0	0	0	0.19710E+03	-87.0	88.0	0.0	70.70	502.00	18.49	2.74	0.00	0.00	0.00
2000	0	0	0	0.15030E+03	-104.0	78.0	0.0	70.70	500.00	15.81	2.74	0.00	0.00	0.00
9990	0	0	0	0.20110E+03	9100.0	-5700.0	0.0	22.30	458.00	31.70	3.14	0.00	0.00	0.00
9991	0	0	0	0.20110E+03	9100.0	-5700.0	0.0	22.30	458.00	31.70	3.14	0.00	0.00	0.00
9992	0	0	0	0.16360E+04	4600.0	5800.0	0.0	205.00	326.00	8.40	15.52	0.00	0.00	0.00
9993	0	0	0	0.37080E+03	8650.0	-5700.0	0.0	45.70	408.00	11.90	3.96	0.00	0.00	0.00

CALM HOURS (=1) FOR DAY 2 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1

CALM HOURS (=1) FOR DAY 276 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1

*** ISCST BY KBN 11/86 *** SOURCE CONTRIBUTION/1984 REFINED 24-HR ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 100, -1400, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 88.59270 AND OCCURRED AT (1000.0, 216.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 600.0	700.0	800.0	900.0	1000.0
216.0 /	66.74132C(276, 1)	78.64942C(276, 1)	85.43584C(276, 1)	88.32810C(276, 1)	88.59270C(276, 1)
214.0 /	64.62382C(276, 1)	76.72630C(276, 1)	83.95335C(276, 1)	87.29723C(276, 1)	87.93618C(276, 1)
212.0 /	61.81253C(2, 1)	72.89866C(276, 1)	79.99917C(276, 1)	83.38828C(276, 1)	84.14898C(276, 1)
210.0 /	59.87004C(2, 1)	69.22544C(2, 1)	74.44199C(2, 1)	77.05549C(276, 1)	77.72437C(276, 1)
208.0 /	56.70855C(2, 1)	65.70898C(2, 1)	70.85148C(2, 1)	73.15267C(2, 1)	73.60786C(2, 1)
206.0 /	52.49802C(2, 1)	60.73817C(2, 1)	65.52956C(2, 1)	67.70039C(2, 1)	68.11620C(2, 1)
204.0 /	47.61310C(2, 1)	54.76239C(2, 1)	58.96431C(2, 1)	60.86272C(2, 1)	61.17422C(2, 1)

*** ISCST BY KBN 11/86 *** SOURCE CONTRIBUTION/1984 REFINED 24-HR ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 100, -1400, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 88.59270 AND OCCURRED AT (1000.0, 216.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 1100.0	1200.0
216.0 /	87.24316C(276, 1)	85.02205C(276, 1)
214.0 /	86.86677C(276, 1)	84.84074C(276, 1)
212.0 /	83.23000C(276, 1)	81.35706C(276, 1)
210.0 /	76.85777C(276, 1)	75.12206C(276, 1)
208.0 /	72.80568C(2, 1)	71.37922C(2, 1)
206.0 /	67.34525C(2, 1)	65.94987C(2, 1)
204.0 /	60.42306C(2, 1)	59.08521C(2, 1)

*** ISCST BY KBN 11/86 *** SOURCE CONTRIBUTION/1984 REFINED 24-HR ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 100, -1400, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 78.47392 AND OCCURRED AT (1000.0, 212.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 600.0	700.0	800.0	900.0	1000.0
216.0 /	61.93859C(2, 1)	70.45901C(2, 1)	74.84782C(2, 1)	76.45123C(2, 1)	76.30445C(2, 1)
214.0 /	62.50280C(2, 1)	71.53584C(2, 1)	76.29130C(2, 1)	78.11668C(2, 1)	78.10802C(2, 1)
212.0 /	61.28143C(276, 1)	71.14865C(2, 1)	76.20496C(2, 1)	78.27499C(2, 1)	78.47392C(2, 1)
210.0 /	56.98082C(276, 1)	67.51204C(276, 1)	73.97846C(276, 1)	76.69962C(2, 1)	77.08073C(2, 1)
208.0 /	52.25400C(276, 1)	61.33671C(276, 1)	66.86144C(276, 1)	69.42153C(276, 1)	69.89061C(276, 1)
206.0 /	47.77656C(276, 1)	55.35986C(276, 1)	59.89318C(276, 1)	61.91636C(276, 1)	62.19262C(276, 1)
204.0 /	44.15234C(276, 1)	50.45668C(276, 1)	54.16590C(276, 1)	55.77535C(276, 1)	55.94270C(276, 1)

*** ISCST BY KBN 11/86 *** SOURCE CONTRIBUTION/1984 REFINED 24-HR ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 100, -1400, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 78.47392 AND OCCURRED AT (1000.0, 212.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 1100.0	1200.0
216.0 /	75.04843C(2, 1)	73.22723C(2, 1)
214.0 /	76.91668C(2, 1)	75.14532C(2, 1)
212.0 /	77.43214C(2, 1)	75.80097C(2, 1)
210.0 /	76.19035C(2, 1)	74.69468C(2, 1)
208.0 /	69.04537C(276, 1)	67.46903C(276, 1)
206.0 /	61.39820C(276, 1)	60.02303C(276, 1)
204.0 /	55.25171C(276, 1)	54.10701C(276, 1)

ISCSTK6 MODEL, A VERSION OF
ISCST (VERSION 86170)
AN AIR QUALITY DISPERSION MODEL IN
SECTION 1. GUIDELINE MODELS.
IN UNAMAP (VERSION 6) JULY 1986.
SOURCE: FILE 6 ON UNAMAP MAGNETIC TAPE FROM NTIS.

CONVERTED BY :
KBN ENGINEERING AND APPLIED SCIENCES, INC.
GAINESVILLE, FLORIDA
(904)375-8000

PSD

CARD INPUT FILE IS	RDPS84.IN
SUMMARY OUTPUT FILE IS	RDPS84.OUT
METEOROLOGICAL FILE IS	\AIRPROG\JAXPRE84.BIN
TITLE OF RUN IS	1984 REFINED 24-HR WITH BLDG DWNWSH

*** ISCST BY KBN 11/86 *** 1984 REFINED 24-HR WITH BLDG DWNWSH ***

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) = 2
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) = 0
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) = 0
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) = 0
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 = 23
NUMBER OF SOURCE GROUPS (=0,ALL SOURCES)	NGROUP = 3
TIME PERIOD INTERVAL TO BE PRINTED (=0,ALL INTERVALS)	IPERD = 0
NUMBER OF X (RANGE) GRID VALUES	NXPNTS = 11
NUMBER OF Y (THETA) GRID VALUES	NYPNTS = 5
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 = 6.10 METERS
LOGICAL UNIT NUMBER OF METEOROLOGICAL DATA	IMET = 9
DECAY COEFFICIENT FOR PHYSICAL OR CHEMICAL DEPLETION	DECAY =0.000000E+00
SURFACE STATION NO.	ISS = 13889
YEAR OF SURFACE DATA	ISY = 84
UPPER AIR STATION NO.	IUS = 13861
YEAR OF UPPER AIR DATA	IUY = 84
ALLOCATED DATA STORAGE	LIMIT = 20000 WORDS
REQUIRED DATA STORAGE FOR THIS PROBLEM RUN	MIMIT = 5896 WORDS

*** METEOROLOGICAL DAYS TO BE PROCESSED ***
(IF=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 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
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 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 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 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 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   0 0 0 0 0 0 0 0 0 0   0 0 0 0 0 0 0 0 0 0
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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 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 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 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 0 0 0 0 0 0   0 0 0 0 0 0
```

*** NUMBER OF SOURCE NUMBERS REQUIRED TO DEFINE SOURCE GROUPS ***
(NSOGRP)

1, 4, 3,

*** SOURCE NUMBERS DEFINING SOURCE GROUPS ***
(IDSOR)

100, 100, -1400, 9991, 9992, 100, 1100, -9994,

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

1.50, 3.10, 5.10, 8.20, 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 CATEGORY	WIND SPEED CATEGORY 1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

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

500.0, 600.0, 700.0, 800.0, 900.0, 1000.0, 1100.0, 1200.0, 1300.0, 1400.0,
1500.0,

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

(DEGREES)

202.0, 206.0, 210.0, 214.0, 218.0,

*** SOURCE DATA ***

SOURCE NUMBER	TYPE	WAKE	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)
100	0	0	0	0.98800E+02	0.0	0.0	0.0	65.00	561.00	13.50	0.98	0.00	0.00	0.00
200	0	0	0	-.15100E+02	-15.0	30.0	0.0	76.20	367.00	8.80	3.66	31.00	31.00	30.50
400	0	0	0	-.86000E+01	-43.0	7.0	0.0	40.50	372.00	7.28	3.41	31.00	31.00	30.50
500	0	0	0	-.13000E+00	-15.0	30.0	0.0	30.50	366.00	7.53	0.76	31.00	31.00	30.50
600	0	0	0	-.18000E+00	-15.0	30.0	0.0	30.50	375.00	9.51	0.91	31.00	31.00	30.50
700	0	0	0	-.18000E+00	-43.0	7.0	0.0	33.20	369.00	3.57	0.76	31.00	31.00	30.50
800	0	0	0	-.24000E+00	40.0	-73.0	0.0	15.20	401.00	5.24	1.28	0.00	0.00	0.00
900	0	0	0	-.24000E+00	34.0	-77.0	0.0	15.90	341.00	10.67	1.71	0.00	0.00	0.00
1000	0	0	0	-.48000E+00	41.0	-112.0	0.0	15.90	342.00	8.47	1.71	0.00	0.00	0.00
1100	0	0	0	0.37000E+02	-165.0	14.0	0.0	76.20	474.00	13.93	4.02	33.50	64.80	64.80
1200	0	0	0	0.88800E+02	-88.0	64.0	0.0	76.20	450.00	15.39	3.66	33.50	64.80	64.80
1300	0	0	0	0.68000E+00	-114.0	46.0	0.0	76.20	346.00	8.26	1.52	33.50	64.80	64.80
1400	0	0	0	0.13200E+01	-25.0	-146.0	0.0	45.40	351.00	16.46	1.31	0.00	0.00	0.00
1500	0	0	0	0.39700E+02	-192.0	58.0	0.0	70.10	489.00	22.20	3.66	33.50	64.80	64.80
1600	0	0	0	0.77000E+00	-150.0	87.0	0.0	67.70	344.00	12.11	1.52	33.50	64.80	64.80
1700	0	0	0	0.14500E+01	40.0	-137.0	0.0	45.40	350.00	14.27	1.32	0.00	0.00	0.00
1800	0	0	0	0.45300E+02	-78.0	110.0	0.0	37.00	474.00	14.54	1.22	33.50	64.80	64.80
1900	0	0	0	0.19710E+03	-87.0	88.0	0.0	70.70	502.00	18.49	2.74	33.50	64.80	64.80
2000	0	0	0	0.15030E+03	-104.0	78.0	0.0	70.70	500.00	15.81	2.74	33.50	64.80	64.80
9990	0	0	0	0.20110E+03	9100.0	-5700.0	0.0	22.30	458.00	31.70	3.14	0.00	0.00	0.00
9991	0	0	0	0.20110E+03	9100.0	-5700.0	0.0	22.30	458.00	31.70	3.14	0.00	0.00	0.00
9992	0	0	0	0.16360E+04	4600.0	5800.0	0.0	205.00	326.00	8.40	15.52	0.00	0.00	0.00
9993	0	0	0	0.37080E+03	8650.0	-5700.0	0.0	45.70	408.00	11.90	3.96	0.00	0.00	0.00

CALM HOURS (=1) FOR DAY 2 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1

CALM HOURS (=1) FOR DAY 276 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1

*** ISCST BY KBN 11/86 *** 1984 REFINED 24-HR WITH BLDG DWNWSH ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 100, -1400, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 87.26500 AND OCCURRED AT (1000.0, 214.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 1000.0	1100.0	1200.0	1300.0	1400.0
218.0 /	85.75481C(276, 1)	84.17731C(276, 1)	81.85586C(276, 1)	79.24491C(276, 1)	76.57683C(276, 1)
214.0 /	87.26500C(276, 1)	86.34158C(276, 1)	84.43896C(276, 1)	82.06182C(276, 1)	79.50179C(276, 1)
210.0 /	77.24882C(276, 1)	76.49106C(276, 1)	74.84649C(276, 1)	72.76613C(276, 1)	70.76337C(2, 1)
206.0 /	67.48666C(2, 1)	66.83580C(2, 1)	65.54280C(2, 1)	63.93437C(2, 1)	62.20453C(2, 1)
202.0 /	53.32279C(2, 1)	52.68331C(2, 1)	51.52175C(2, 1)	50.08538C(2, 1)	48.53087C(2, 1)

*** ISCST BY KBN 11/86 *** 1984 REFINED 24-HR WITH BLDG DWNWSH ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 100, -1400, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 87.26500 AND OCCURRED AT (1000.0, 214.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 1500.0
218.0 /	73.96825C(276, 1)
214.0 /	76.92352C(276, 1)
210.0 /	69.06802C(2, 1)
206.0 /	60.46157C(2, 1)
202.0 /	47.03671C(276, 1)

*** ISCST BY KBN 11/86 *** 1984 REFINED 24-HR WITH BLDG DWNWSH ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 100, -1400, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 77.20158 AND OCCURRED AT (1000.0, 214.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 500.0	600.0	700.0	800.0	900.0
218.0 /	45.12445C(2, 1)	58.41790C(2, 1)	66.49816C(2, 1)	70.72812C(2, 1)	72.38809C(2, 1)
214.0 /	45.91586C(2, 1)	60.54655C(2, 1)	69.85063C(2, 1)	74.88969C(2, 1)	76.98061C(2, 1)
210.0 /	42.44271C(276, 1)	56.06638C(276, 1)	66.67150C(276, 1)	73.13743C(2, 1)	75.61529C(2, 1)
206.0 /	37.10075C(276, 1)	47.03586C(276, 1)	54.74029C(276, 1)	59.39609C(276, 1)	61.53197C(276, 1)
202.0 /	33.68993C(276, 1)	40.91898C(276, 1)	46.47566C(276, 1)	49.79400C(276, 1)	51.30407C(276, 1)

*** ISCST BY KBN 11/86 *** 1984 REFINED 24-HR WITH BLDG DWNWSH ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 100, -1400, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 77.20158 AND OCCURRED AT (1000.0, 214.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 1000.0	1100.0	1200.0	1300.0	1400.0
218.0 /	72.40819C(2, 1)	71.36893C(2, 1)	69.76106C(2, 1)	67.89696C(2, 1)	65.93467C(2, 1)
214.0 /	77.20158C(2, 1)	76.19474C(2, 1)	74.57121C(2, 1)	72.69313C(2, 1)	70.73858C(2, 1)
210.0 /	76.19658C(2, 1)	75.47138C(2, 1)	74.11069C(2, 1)	72.47697C(2, 1)	70.51540C(276, 1)
206.0 /	61.90459C(276, 1)	61.18841C(276, 1)	59.87458C(276, 1)	58.28881C(276, 1)	56.61335C(276, 1)
202.0 /	51.56740C(276, 1)	51.09408C(276, 1)	50.23005C(276, 1)	49.19790C(276, 1)	48.11366C(276, 1)

*** ISCST BY KBN 11/86 *** 1984 REFINED 24-HR WITH BLDG DWNWSH ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM SOURCES: 100, -1400, 9991, 9992,
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 77.20158 AND OCCURRED AT (1000.0, 214.0) *

DIRECTION / (DEGREES) /	RANGE (METERS) 1500.0
218.0 /	63.95634C(2, 1)
214.0 /	68.79741C(2, 1)
210.0 /	68.24733C(276, 1)
206.0 /	54.94896C(276, 1)
202.0 /	46.95182C(2, 1)