PREVENTION OF SIGNIFICANT DETERIORATION (PSD) APPLICATION TAMPA ELECTRIC COMPANY

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TECO
TAMPA ELECTRIC COMPANY

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VOLUME 1

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TECO BIG BEND UNIT 4

PREVENTION OF SIGNIFICANT DETERIORATION ANALYSIS

Prepared for:

TAMPA ELECTRIC COMPANY
Tampa, Florida

Prepared by:

ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
Gainesville, Florida

78-128-001

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APPENDICES

1.0 INTRODUCTION

Tampa Electric Company (TECO) of Tampa, Florida is proposing to construct a new coal-fired electric generating unit at their existing Big Bend power plant. The new unit, known as Big Bend Unit 4, will be of 425 MW net generating capacity, coal-fired, and designed to meet all applicable air quality control laws and regulations. Big Bend Unit 4 will utilize the existing stack servicing Big Bend Unit 3. Currently, there are three coal-fired generating units in operation at Big Bend, located in Hillsborough County, Florida (Figure 1-1). The new unit is scheduled for commercial operation in the mid-1980's.

Prior to construction of the new unit, federal and state approvals must be obtained, which include air pollution source construction permits. The source applicant is required to demonstrate compliance with applicable air quality regulations prior to permit issuance. These regulations include Prevention of Significant Deterioration (PSD) for both the State of Florida and the U.S. Environmental Protection Agency (EPA). Ambient Air Quality Standards (AAQS), control technology review including Best Available Control Technology (BACT) demonstration, PSD allowable increments, ambient air monitoring, and additional impacts analysis are required.

In addition, because Big Bend is located near two designated nonattainment areas (one for sulfur dioxide and one for particulate matter, see Figure 1-2), it must be demonstrated that emissions from the proposed source will not exceed certain "significance of impact levels" within the nonattainment areas. If such levels are exceeded, the source would be subject to very stringent permitting conditions, including application of Lowest Achievable Emission Rates (LAER) and better than one-for-one emissions offsets for applicable pollutants.

A summary of air quality regulations applicable to the proposed Big Bend Unit 4 is presented in Table 1-1. Table 1-2 lists AAQS applicable

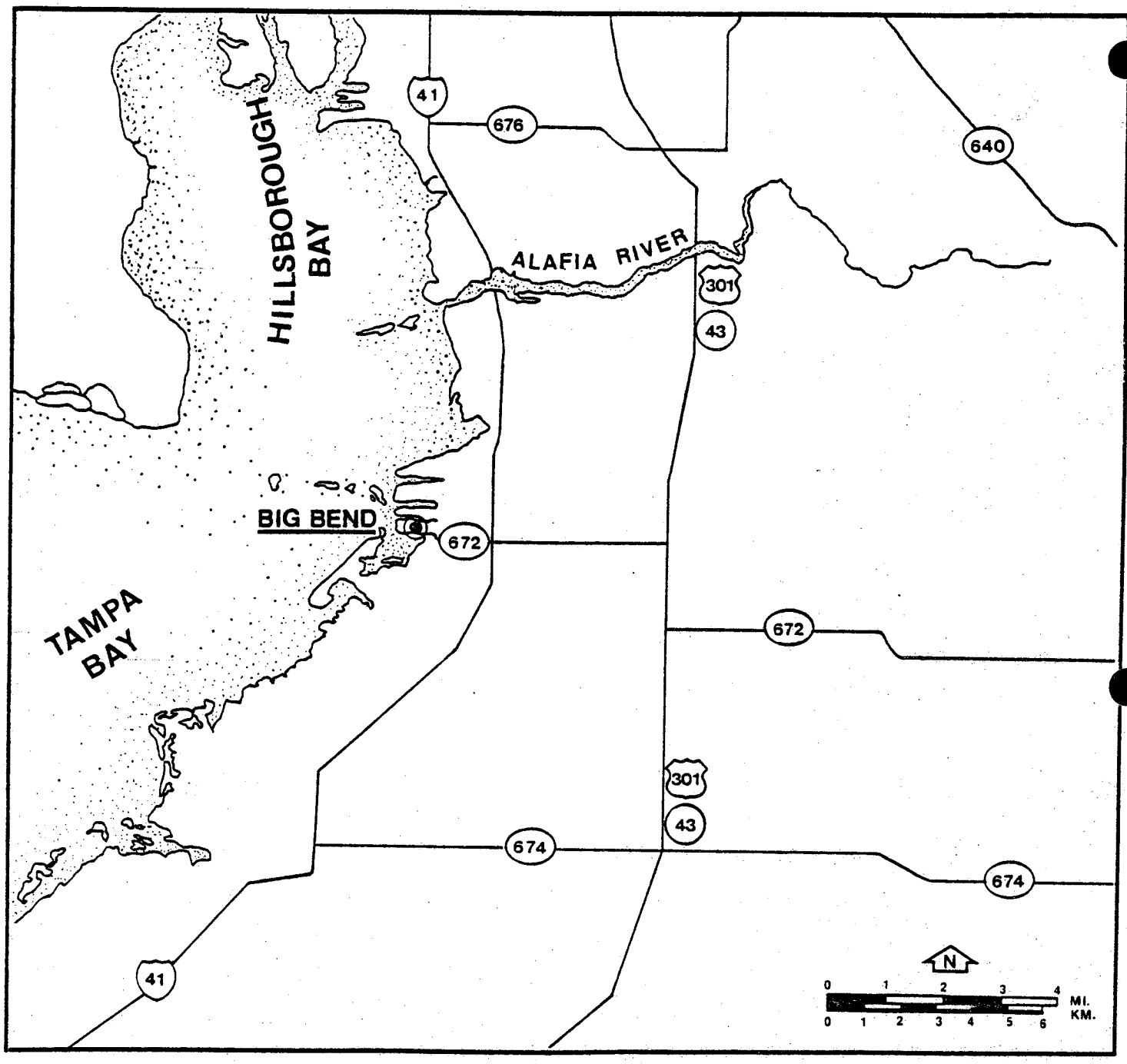

FIGURE 1-1. Location of Tampa Electric Company Big Bend Generating Units

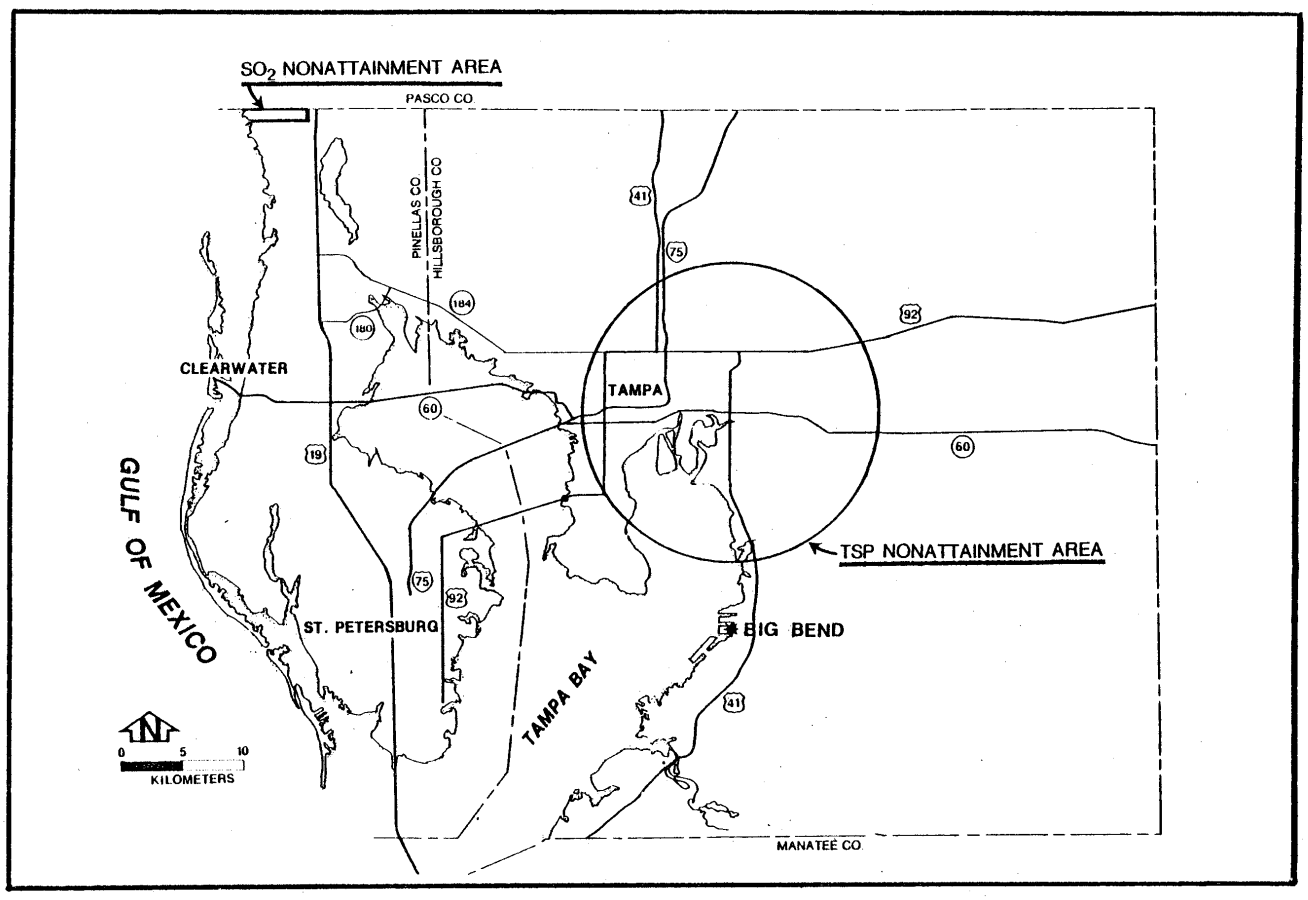

FIGURE 1-2. Locations of SO_2 and TSP Nonattainment Areas in Relation to Tampa Electric Company Big Bend Power Plant

Table 1-1. Prevention of Significant Deterioration Regulations Applicable to the Proposed TECO Big Bend Unit 4

Requirement	Federal Regulation*	State of Florida† Regulation
General Source Applicability	40 CFR 52.21(i)	FAC 17-2.04(1)
Control Technology Review	40 CFR 52.21(j)	
New Source Performance Standards	40 CFR 52.21(j)(1)	FAC 17-2.04(6)(c)
Best Available Control Technology	40 CFR 52.21(j)(2)	FAC 17-2.04(6)(c)
Air Quality Review	40 CFR 52.21(l)	
Ambient Air Quality Standards	40 CFR 52.21(l)(1)	FAC 17-2.04(6)(a)
Allowable Increments	40 CFR 52.21(l)(2)	FAC 17-2.04(6)(a)
Monitoring	40 CFR 52.21(n)	
Source Information	40 CFR 52.21(o)	FAC 17-2.04(6)(a)
Stack Heights	40 CFR 52.21(h)	
Additional Impact Analyses	40 CFR 52.21(p)	
Public Participation	40 CFR 52.21(r)	FAC 17-2.04(9)
Referenced Requirements		
New Source Performance Standards	40 CFR 60, Da	FAC 17-2.05(6)
Best Available Control Technology	40 CFR 52.21(b)(10)	FAC 17-2.03
Ambient Air Quality Standards	40 CFR 50	FAC 17-2.06(1)
Allowable Increments	40 CFR 52.21(c)	FAC 17-2.04(1)

* CFR = Code of Federal Regulation.
† FAC = Florida Administrative Code.

Table 1-2. National and State of Florida Ambient Air Quality Standards Applicable to the Proposed Site, Hillsborough County, Florida

Pollutant	Averaging Time	National Primary Standard	National Secondary Standard	Florida
Suspended Particulate Matter	Annual Geometric Mean	75 ug/m^3	60 ug/m^3	60 ug/m^3
	24-Hour Maximum	260 ug/m^3*	150 ug/m^3*	150 ug/m^3*
Sulfur Dioxide	Annual Arithmetic Mean	80 ug/m^3	N/A	60 ug/m^3
	24-Hour Maximum	365 ug/m^3*	N/A	260 ug/m^3*
	3-Hour Maximum	N/A	1,300 ug/m^3*	1,300 ug/m^3*
Carbon Monoxide	8-Hour Maximum	9 ppm*	9 ppm*	9 ppm*
	1-Hour Maximum	35 ppm*	35 ppm*	35 ppm*
Hydrocarbons	3-Hour Maximum (6 to 9 A.M.)	.24 ppm*	.24 ppm*	.24 ppm*
Nitrogen Dioxide	Annual Arithmetic Mean	100 ug/m^3	100 ug/m^3	100 ug/m^3
Ozone	1-Hour Maximum	120 ppb*	120 ppb*	80 ppb*

* Maximum concentration not to be exceeded more than once per year.
Source: Florida Administrative Code, Chapter 17-2.
Code of Federal Regulations, Title 40, Part 50.

to the Big Bend site, and Table 1-3 lists allowable PSD increments. Hillsborough and surrounding counties are designated Class II for PSD purposes. "Significance of impact levels" for nonattainment areas for sulfur dioxide and particulate matter, as promulgated by the U.S. EPA and State of Florida, are shown in Table 1-4.

This document, which has been prepared as part of air construction permit applications for the proposed Big Bend Unit 4, is being submitted to both the U.S. EPA and Florida Department of Environmental Regulation (FDER) for review. Volume I presents the air quality impact analysis, while Volume II presents the Best Available Control Technology review.

Table 1-3. Federal and State of Florida Prevention of Significant Deterioration Allowable Increments (ug/m^3)

Pollutant/Averaging Time	Class I	Class II	Class III
Particulate Matter			
Annual Geometric Mean	5	19	37
24-Hour Maximum*	10	37	75
Sulfur Dioxide			
Annual Arithmetic Mean	2	20	40
24-Hour Maximum*	5	91	182
3-Hour Maximum*	25	512	700

*Increment can be exceeded once per year.

Source: Federal Register, Vol. 43, No. 118, June 19, 1978.
Florida Administrative Code, Chapter 17-2.

Table 1-4. Federal and State of Florida Significance of Impact Levels for Sulfur Dioxide and Particulate Matter (ug/m^3)

Pollutant	Averaging Time		
	Annual	24-Hour	3-Hour
Particulate Matter	1	5	—
Sulfur Dioxide	1	5	25

Source: Federal Register, Volume 43, No. 118, June 19, 1978.
Florida Administrative Code, Chapter 17-2.

2.0 SOURCE DESCRIPTION

Tampa Electric Company proposes to construct and operate a coal-fired, steam-electric generating facility, Unit 4, at their Big Bend Station site. The station presently consists of three coal-fired units, having a total nameplate rating of 1,336.5 Mw and a net continuous rating of 1,062 Mw. Units 1 and 2 discharge flue gases via a 490-foot common-flue stack; Unit 3 is served by an identical stack, which is designed to accommodate another unit.

Pollutant emissions from the existing units at Big Bend Station are limited by the Florida Air Pollution Regulations, as revised in March 1979. Prior to the revisions, SO_2 emissions were limited by a maximum 2-hour average of 6.5 lb/MMBtu, and emission limitations of 35 tph for all three units on a 3-hour average, and 32 tph on a 24-hour average. The emission limitations were subsequently revised to 31.5 tph, 3-hour average, and 25 tph, 24-hour average. The emission of particulate matter may not exceed 0.1 lb/MMBtu heat input from each of the three units. Unit 3 is limited to an emission of 0.7 lb/MMBtu of NO_x.

The proposed Unit 4 will have a net rating of 425 Mw. This new steam-electric generating facility is scheduled for commercial operation in March 1985. Flue gases from Unit 4 will be vented and discharged through the existing stack for Unit 3.

The New Source Performance Standards (NSPS) for utility boilers restrict pollutant emissions of particulates, SO_2, and NO_x, and require a percentage reduction in potential emissions. In the case of particulates and NO_x, compliance with the emission limitation ensures achievement of the required reduction. The emission limitation for particulates is 0.03 lb/MMBtu; that for NO_x is 0.6 lb/MMBtu when firing bituminous coal. SO_2 emissions are not to exceed 1.2 lb/MMBtu or potential SO_2 emissions must be reduced by 90 percent, unless the

emission is less than 0.6 lb/MMBtu. The required reduction can never be less than 70 percent.

The air pollution control techniques and systems that are incorporated in the facility design for the subject pollutant emissions are described below:

1. Particulate matter will be controlled by an electrostatic precipitator (ESP) installed at the exit of the air preheater.
2. SO_2 emissions will be minimized by a combination of coal washing and scrubbing by means of a flue gas desulfurization system.
3. NO_x and CO formation during combustion will be inhibited by proper operation and design of the boiler and combustion air control system.

A detailed description of the existing units and the proposed Unit 4 is presented in Volume II of this document. The air pollution control techniques and systems included in the facility design and the operating procedures that ensure compliance with NSPS are also presented in Volume II. The operating and emission parameters for each of the four units at 50, 75, and 100 percent of maximum continuous rating are summarized in Table 2-1. These parameters were used in the PSD modeling evaluation. Sulfur dioxide emissions from the new Unit 4 were based upon the maximum NSPS limitation of 1.2 lb/MMBtu and the maximum heat input capability of the boiler of 4692 MMBtu/hr.

The building housing the new Unit 4 will be approximately 264 feet, and the tallest existing building at the Big Bend site is 204 feet. Based upon EPA criteria defining stack height limitations (Federal Register, Vol. 44., No. 9, January 12, 1979), the existing stacks of 490 foot height will not exceed Good Engineering Practice.

NOT EQUAL

Table 2.1. Plant Operating and Pollutant Emission Parameters, TECO Big Bend Unit 4 PSD

Parameter	Unit 1			Unit 2			Unit 3			Unit 4		
Load (percent)	100	75	50	100	75	50	100	75	50	100	75	50
Generation (Mw)	362	272	191	338	254	169	362	272	191	417	313	209
Heat Input Rate (MMBtu/hr)	4,037	3,142	2,143	3,996	3,110	2,122	4,115	3,203	2,185	4,330	3,244	2,241
Flue Gas Rate (1,000 ACFM)	1,276	1,020	724	1,276	1,020	724	1,285	999	693	1,778	1,422	1,013 — WRONG
Flue Gas Temperature (°F)	301	282	261	301	282	261	292	268	249	156	156	156
Stack Height (ft)	490 (Common Stack Units 1 and 2)						490 (Common Stack Units 3 and 4)					
Stack I.D. (ft)	24						24					
Emissions (lb/hr)												
SO_2* - 31.5 tons/hr Units 1-3 1.2 lb/MMBtu - Unit 4	20,936	15,702	10,468	20,723	15,543	10,362	21,341	16,005	10,670	5,630†	4,223	2,815
Particulate Matter: 0.1 lb/MMBtu - Units 1-3 0.03 lb/MMBtu - Unit 4	404	302	202	400	300	200	411	309	206	141†	106	70
NO_x	2,826	2,202	1,500	2,797	2,177	1,485	2,881	2,249	1,530	2,598†	1,946	1,345

* Emission apportioned by heat input rate.
† Based upon maximum input heat rate of 4692 MMBtu/hr.

3.0 METHODOLOGY

3.1 AMBIENT MONITORING

3.1.1 Sampling Methods

Sampling methods utilized in the TECO monitoring network are presented in this section. Methods and procedures are discussed for sulfur dioxide, total suspended particulate matter, and nitrogen dioxide data.

Sulfur Dioxide (Non-Continuous)--Sulfur dioxide sampling was conducted at all TECO stations using procedures consistent with the EPA reference method (pararosaniline method) as described in the Federal Register (CFR 40, Part 50.11, Appendix A, July 1, 1976). The principal of the method is the absorption of sulfur dioxide in a 0.04 M solution of potassium tetrachloromercurate (TCM) forming a stable dichlorosulfitomercurate complex. Pararosaniline methyl sulfonic acid is formed by the reaction between the dichlorosulfitomercurate complex, pararosaniline, and formaldehyde. The concentration of pararosaniline methyl sulfonic acid is subsequently determined spectrophotometrically.

The effects of the principal known interferences have been minimized or eliminated. Interferences by oxides of nitrogen are eliminated by sulfamic acid, heavy metals by ethylenediaminetetraacetic acid (EDTA), and phosphoric acid. After sample collection, the solutions are relatively stable, however, recent studies show that temperatures above 22°C cause high losses of SO_2 (Fuerst, et al., 1976). The presence of EDTA enhances the stability of SO_2 in solution. Samples stored at 5°C suffer no detectable losses of sulfur dioxide. The rate of decay is independent of the concentrations of SO_2.

Beginning in July 1976, all TECO and HCEPC sulfur dioxide bubblers were equipped with temperature control devices, and constant temperature containers were utilized to store and ship samples. The TECO temperature-controlled samplers were equipped with constant recording thermometers to verify that sampling was conducted within the temperature ranges specified by the U.S. Environmental Protection Agency (EPA). These specifications require that samples be collected at 25°C (77°F) or less and maintained at 20°C (68°F) or less until analysis.

Considerable research by the EPA has been directed toward evaluation of the method. Resulting modifications, as presented in the Federal Register (Vol. 36, No. 21, Appendix A, Paragraphs 2 and 8.3) indicate that the absorption efficiency is greater than 98 percent for sulfur dioxide concentrations greater than 25 ug/m^3 within a certain temperature range.

Sulfur Dioxide (Continuous)--Continuous sulfur dioxide monitors in the vicinity of TECO Big Bend have historically been operated by both TECO and HCEPC. TECO monitors were initially installed, operated and monitored by Environmental Science and Engineering, Inc. (ESE) as part of a joint venture between TECO, ESE and Environmental Research and Technology, Inc. (ERT). After July 30, 1978, the monitoring network was operated by TECO's Central Testing Laboratory.

TECO continuous sulfur dioxide monitors are Thermo Electron Model 43 pulsed fluorescent analyzers. The pulsed fluorescent method operates on the principle of sending pulsating ultraviolet light through the sample gas, which is contained in a fluorescent chamber. The ultraviolet radiation excites SO_2 molecules which then give off a characteristic decay radiation. A photomultiplier tube detects the magnitude of energy release and converts the reading into a voltage which is in direct proportion to the concentration of SO_2 in the sample stream.

The Thermo Electron analyzers were complemented with ancillary equipment in order to ensure accurate data collection. Equipment included chart recorders, and several calibration systems. A complete description of the TECO monitoring system, including quality assurance, operation, maintenance and calibration procedures can be found in two documents developed by ERT and submitted to EPA Region IV and the FDER. These documents are: "Big Bend Monitoring Networks Quality Assurance Manual", December 1976, and "Big Bend Monitoring Network Operations, Service and Maintenance Manual", December 1976.

The Thermo Electron Model 43 analyzer operating on the 0-0.5 ppm range was designated as an equivalent method by EPA on February 27, 1976 (Federal Register, Vol. 41, No. 40). The analyzers at several of the TECO stations were operated on the 0-1 ppm range. The manufacturer has recently submitted to EPA the necessary documentation and has received equivalency approval on the 0-1 ppm range (Federal Register, Vol. 44, No. 72, April 12, 1979).

Total Suspended Particulate Matter--The procedure used for collection of total suspended particulate matter samples was the Federal Reference Method (40 CFR, Part 50, Appendix B, 1976). Air is drawn into a covered housing and through a glass fiber filter by means of a high flow rate blower at a flow rate of 40 to 60 ft^3/minute. Suspended particles are collected on the filter surface. The mass concentration (ug/m^3) of the suspended particulate matter in the ambient air is computed by measuring the mass of collected particles and the volume of air sampled.

The only interferences of the method are contaminants that would block the filter and cause a rapid drop in air flow at a non-uniform rate. Glass filter efficiencies are comparatively insensitive to changes in relative humidity.

Nitrogen Dioxide--During the sampling period, the "Sodium Arsenite Method for the Determination of Nitrogen Dioxide in the Atmosphere" was utilized for all NO_2 samples collected by the TECO network. This method was designated as an equivalent sampling method in the Federal Register, Volumn 42, Page 62971, December 14, 1977. The method involves the adsorption of NO_2 in a sodium hydroxide-sodium arsenite solution and spectrophotometric analysis of the resulting nitrite ion.

3.1.2 Quality Assurance

As described previously, all TECO monitoring stations were operated according to the promulgated Federal Reference Methods. Monitoring

sites were located and evaluated for proper siting criteria by use of an ERT developed computer program. This program incorporated recommended criteria and guidelines for siting both continous and non-continuous monitors.

As an additional measure to insure valid data collection, TECO had independent audits performed by environmental consulting firms during the period 1976 through 1978. Audits were performed on both the continuous and non-continuous monitoring stations. These audits consisted of review of field procedures, inspection of monitoring sites and equipment, and operational checks of flow rates, pumps, orifices, etc. In addition, TECO laboratories were audited periodically to insure proper data analysis and calculation.

Table 3-1 summarizes the audits which TECO and TECO's consultants performed on the three ambient air monitoring networks (SO_2, TSP, and NO_2) during the data collection period. The table also shows the individuals involved in the audits and the dates the audits were performed.

Table 3-1. TECO Ambient Monitoring Network Audits Performed During the Period 1976 Through 1978

Company Performing Audit	Non-Continuous* Network Audit Performed	Continuous† Network Audit Performed	Persons Performing Audit
Environmental Research & Technology, Inc.		March 2, 1977	A. Sacco, ERT M. Gillespie, ERT R. Durgan, ESE
Environmental Research & Technology, Inc.		April 1, 1977	M. Gillespie, ERT H. Chow, ERT R. Durgan, ESE
Environmental Research & Technology, Inc.		June 8, 1977	A. Sacco, ERT R. Durgan, ESE
Environmental Research & Technology, Inc.		August 24, 1977	A. Sacco, ERT R. Durgan, ESE
Science Associates, Inc.		September 12, 1977	E. Franzblau, SAI R. Durgan, ESE
Environmental Science and Engineering, Inc.	November 1977		A. Graham, ESE D. Layton, TECO
Environmental Research & Technology, Inc.		December 12, 1977	A. Sacco, ERT R. Durgan, ESE

Table 3-1. TECO Ambient Monitoring Network Audits Performed During the Period 1976 Through 1978 (Continued, page 2 of 2)

Company Performing Audit	Non-Continuous* Network Audit Performed	Continuous† Network Audit Performed	Persons Performing Audit
Science Associates, Inc.		January 10, 1978	S. Burton, SAI E. Franzblau, SAI D. Brittan, EPA A. Sacco, ERT R. Durgan, ESE M. Jackson, ESE
Environmental Science and Engineering, Inc.	April 1978		M. Jackson, ESE K. Hensley, TECO
Environmental Research & Technology, Inc.		April 19, 1978	A. Sacco, ERT R. Durgan, ESE
Environmental Science and Engineering, Inc.	November 1978	November 1978	A. Graham, ESE R. Durgan, TECO

* Includes sulfur dioxide and nitrogen dioxide bubblers and total suspended particulate matter monitors.

† Includes continuous sulfur dioxide monitors.

3.2 DISPERSION MODELING

The use of dispersion modeling in performing impact analyses, estimating baseline and future air quality levels, and determining compliance with ambient air quality standards (AAQS) and allowable Prevention of Significant Deterioration (PSD) increments is required by EPA and FDER regulations. Specifically, such an assessment will be based on EPA's Guideline on Air Quality Models (October 1978). Use of models other than those recommended in this document can sometimes be approved by EPA after a determination has been made as to their equivalence to EPA models. However, the Guideline's recommended models and analysis techniques will be closely followed in this report.

Several widely recognized techniques for estimating or predicting ground-level pollutant concentrations are utilized. Three EPA-approved models used are: the Air Quality Display Model (AQDM-Briggs), the Point Multiple Model with wind shear effects (PTMTPW), and the CRSTER Single Source Model (see Appendix A for description).

The long-term model AQDM (with Briggs plume rise) requires annual average emissions, stack parameters, and meteorological data in order to calculate annual average concentrations. Annual average emissions and stack parameters for all permitted sulfur dioxide and particulate matter sources were developed based upon information in the National Emissions Data System (NEDS) and FDER permit files. The AQDM is used to estimate annual average ground-level concentrations due to all permitted sources and due to the Big Bend plant only (incremental impact). Annual averaged nitrogen dioxide concentrations were estimated due to Big Bend alone.

All permitted sources within 50 kilometers of Big Bend, including sources in Hillsborough, Manatee, Pinellas, and Pasco Counties, were utilized in the AQDM emissions inventories. A one-kilometer grid spacing was used in the AQDM to estimate the spatial distribution of ground-level concentrations in the vicinity of the site and to determine

the maximum annual average concentrations. AQDM predicted concentrations were not calibrated (i.e., no adjustments to model values for either sulfur dioxide, TSP, or nitrogen dioxide). All AQDM model printout is included in Appendix B.

The CRSTER short-term dispersion model (EPA, 1977b) was used to identify worst-case 24-hour and 3-hour meteorological conditions for sulfur dioxide emissions and worst-case 24-hour conditions for particulate matter emissions from the proposed plant. Area sources were not considered in the short-term modeling; however, an appropriate short-term TSP background level was added to all point source concentration estimates to account for area source emissions. This concentration was determined by evaluating the most representative air quality data in the vicinity of Big Bend (see Section 4.1.3). All CRSTER model printout is included in Appendix C.

Because the CRSTER model is a single source model, it is necessary to determine if other sources in the vicinity of Big Bend will have a significant impact upon maximum short-term concentrations. Evaluating the total emissions from each source in the area will ordinarily indicate the major sources which are of concern. All permitted sources within 15 km of Big Bend were included in the short-term modeling evaluation.

Once other critical sources have been determined, the critical meteorological conditions are determined from the CRSTER model results. The major sources are then aligned with Big Bend with respect to wind direction. Using the critical meteorology, maximum concentrations for the area are refined by use of the PTMTPW model. The PTMTPW allows for much greater flexibility than the CRSTER in that multiple sources and up to 30 receptor distances can be specified. The evaluation of short-term maximum concentrations for future conditions with the proposed unit in operation focuses on the following two factors: (1) the maximum concentration in the area due to all permitted sources, and (2) the maximum

concentration at the point of maximum impact of the proposed new unit with the addition of other Big Bend units.

Short-term concentration estimates as provided by the models were not adjusted (i.e., a calibration factor of 1.0 will be employed) for either sulfur dioxide or TSP. A minimum receptor grid spacing of 0.1 kilometer was used in the PTMTPW to estimate maximum short-term concentrations. All PTMTPW printout is included in Appendix D.

3.2.1 Meteorological Data

Both the AQDM and CRSTER models utilized an hourly data record for the years 1971-75, recorded at Tampa International Airport by the National Weather Service. The AQDM utilized this record as a joint frequency distribution of wind direction, wind speed, and atmospheric stability class over the five-year period. This data format is provided by the National Climatic Center's Star program. In addition, annual averaged values of temperature, pressure, and maximum afternoon mixing height were included. These data are used to estimate the spatial distribution of annual averaged concentrations of baseline and future ambient concentration levels. An annual wind rose is provided to show the wind patterns at the site (Figure 3-1).

The CRSTER model processed each hour of the Tampa data set to estimate hourly concentrations over five years. These concentrations were then averaged every 24 and every 3 hours to provide the user with the desired short-term concentrations. The variables input each hour were wind direction, wind speed, dry bulb temperature, atmospheric stability class, and hourly mixing height. The mixing heights were determined by utilizing radiosonde temperature (lapse rate) data together with hourly surface temperatures. The Tampa International Airport data are the most complete and representative meteorological data base for the Big Bend site. The EPA's wind randomization scheme was utilized in conjunction with the recorded wind direction data in the CRSTER model.

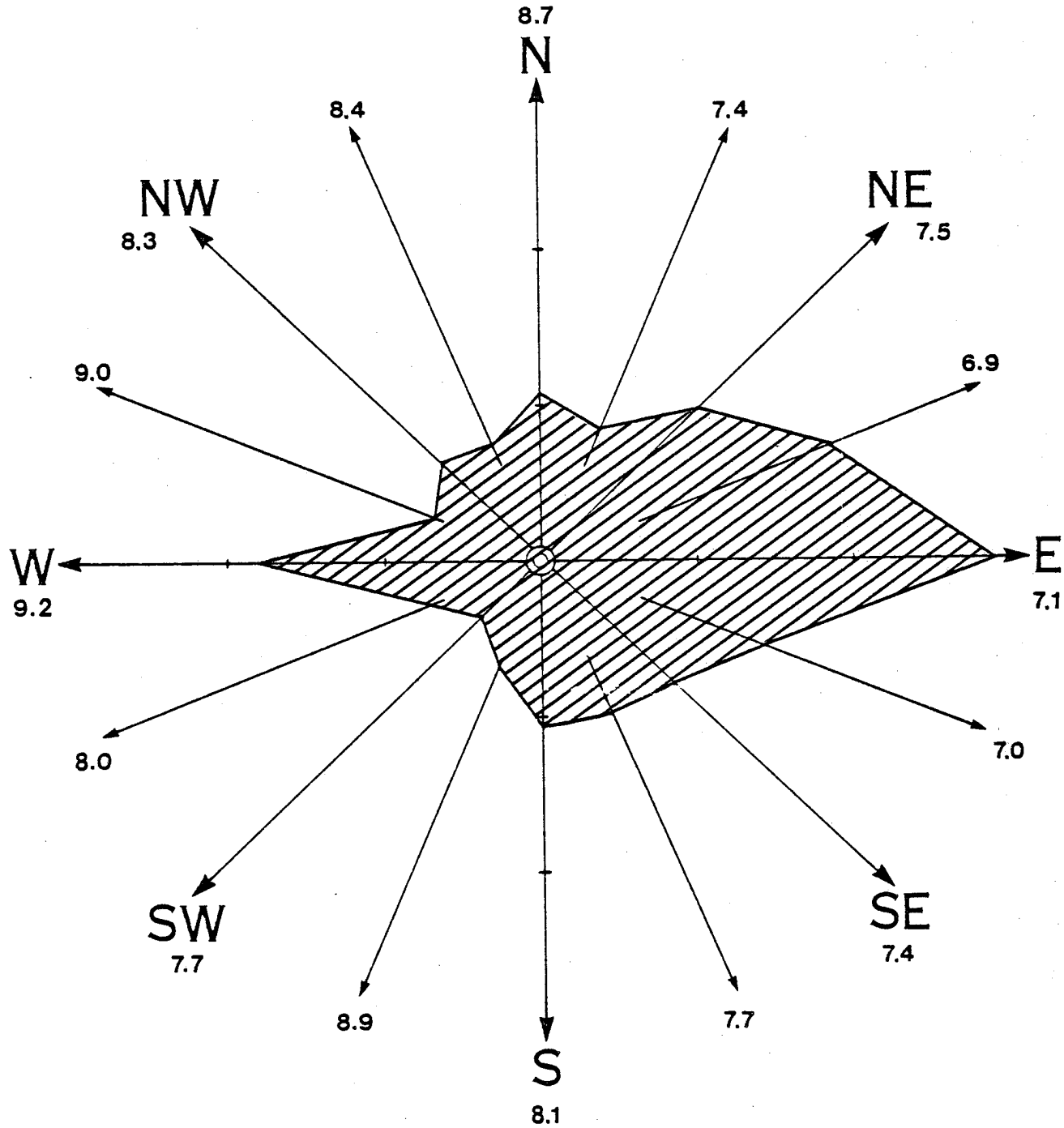

FIGURE 3-1. Five-Year Averaged Wind Rose for Tampa International Airport 1971-1975. Scale: 1" = 5%, Calm = 4.4%. Average Speeds Given in Knots.

3.2.2 Increment Consumption

Increment consumption was determined by utilizing the AQDM, CRSTER, and PTMTPW dispersion model's results. Increment consumption due to Big Bend only was determined by modeling future and baseline Big Bend emissions, then subtracting the resulting baseline concentrations from the future concentrations at corresponding grid points. This system yields the spatial distribution of increment consumption for each case evaluated (i.e. annual, 24-hour, SO_2, TSP, etc.), and allows the location and magnitude of maximum increment consumption to be readily identified.

For all FDER modeling, baseline concentrations were produced from a 1974 allowable emission inventory of all sources (short-term within 15 km), available in the form of NEDS data from FDER. A future allowable inventory was prepared from the latest available emissions and stack data (generally 1977 NEDS forms). This inventory also included all new sources and modifications which have been permitted since January 1, 1975, based upon information in FDER permit files.

The following scenarios were first evaluated with respect to Big Bend only in the SO_2 short-term model:

1. All Big Bend units at 100 percent load;
2. All Big Bend units at 75 percent load;
3. All Big Bend units at 50 percent load;
4. Big Bend Units 1, 2, and 4 only at 100 percent load (critical load found in cases 1, 2, or 3 above);
5. Big Bend Units 1 and 4 only at 100 percent load (critical load found in cases 1, 2, or 3 above).

Using the results from the SO_2 modeling, which showed maximum impacts due to 100 percent load conditions, only the three 100 percent cases were utilized for the TSP evaluation. Presented in Table 5.4 of the Air Quality Analysis Section is a listing of the operating conditions causing maximum plant impacts.

The EPA baseline and projected annual runs included only those sources which have been permitted or modified since January 6, 1975. With Big Bend Unit 4, the total increments at the site are determined directly from the models by comparing baseline and projected concentrations for corresponding grid points. Short-term interaction cases were executed in the same fashion, with all new and modified sources within 15 kilometers included in the analyses. A close inspection of the Big Bend emission history shows that the short-term baseline emission conditions calculated by EPA and FDER definitions are equivalent.

To produce isopleths for the site map, the CRSTER (Single Source Model) was executed twice: receptors of 0.5 to 5.0 kilometers at a 0.5-kilometer spacing were utilized. ESE's version of CRSTER has a modified output which can process five years of meteorological data in a single source execution. Highest and highest, second-highest summary tables are printed, as well as a maximum composite table for all five years. For instance, the composite tables can be used to determine the maximum highest, second-highest 3-hour concentration at any receptor for a 5-year period. In addition to printed output, each composite table can be written directly to a disk data set. For sulfur dioxide site runs, both the 24- and 3-hour highest, second-highest composite tables are put directly to disk. A message to that effect is printed on the top page of the model printout. For particulate matter, only the 24-hour highest, second-highest tables were put to disk.

As described previously, five plant operating conditions were evaluated for each averaging time. For each operating condition executed, a composite table is put on disk. Each disk is then compared point-by-point with the other four disks. The maximum value at each point for any case comprises the maximum composite disk for each averaging time and pollutant. A maximum composite increment disk is developed by subtracting a maximum composite baseline disk from a maximum composite projected disk. This is accomplished for each pollutant/averaging time. A listing of all maximum composite tables are

included in Appendix E.

All the future model composites are handled in the same fashion. The maximum PSD increment was then determined spatially at the site. Once a composite baseline disk and a projected emissions disk file are created, a computer program is used to subtract corresponding grid points to obtain a spatial distribution of all short-term increments. The short-term and annual maximum increments are the largest concentration differences between baseline and future runs. These maximum increments do not necessarily correspond to the maximum concentrations in either the baseline or projected runs.

The SYMAP computerized interpolating routine was used to depict the spatial distribution of concentration on all base maps for both the AQDM and CRSTER results. The SYMAP shading routines are presented in Sections 4.0 and 5.0.

3.2.3 Air Quality Impact Determination

Attainment Areas--Attainment areas encompass all areas outside of the two nonattainment areas mentioned earlier in this report. Compliance with all AAQS were determined for the site map (i.e., in the vicinity of the Big Bend site). Maximum annual average concentrations were determined from the AQDM with all sources within a 50 kilometer radius at maximum allowable emissions. This included all permitted SO_2 and particulate matter sources within Pinellas, Hillsborough, Pasco, and Manatee Counties. As with the increment maps, isopleth maps were made from the model output so that the ambient air quality could be depicted spatially. The maximum annual value was determined from a 1.0 kilometer grid spacing.

Twenty-four and three-hour maximum concentrations were determined in the vicinity of the site by the "worst day" methodology. This involved determining which day in five years gives the highest, second-highest concentration with the proposed unit operating at the Big Bend site. Once these days were determined for both SO_2 and particulate matter,

the maximum value was further refined by use of the PTMTPW model. The CRSTER runs utilized a grid resolution of 0.5 kilometer and the PTMPTW was used to refine the grid spacing to 0.1 kilometer.

For sulfur dioxide, the 3-hour highest, second-highest value was obtained from the CRSTER, and the period which yields this concentration was then determined. If necessary, adjacent hours were combined and/or dropped to maximize concentrations. The worst hour of the 3-hour period was then aligned with the source and receptors to get the maximum possible concentration.

Both incremental and interaction maximums were determined for the short-term effort. Interaction runs included winds directed to TECO Big Bend from FP&L Manatee and from TECO Hookers Point, TECO Gannon, and Gardinier. All emissions were at maximum allowable rates for both SO_2 and particulate matter.

Nonattainment Areas--EPA's official Emissions Offset Interpretative Ruling (Federal Register, Vol. 44, No. 11, January 16, 1979) set forth specific requirements pertaining to new sources locating in or near designated nonattainment areas. However, this policy expired on July 1, 1979, with the requirement that approved State Implementation Plans regarding nonattainment areas be approved by EPA as of this date, or all new source construction in these areas would be halted until such plans have not yet been fully approved by EPA.

Because present nonattainment rules are currently in a state of flux, the nonattainment evaluation for Big Bend Unit 4 was conducted utilizing the policies set forth in EPA's Interpretative Ruling. This policy only applied if certain "significance of impact levels" are exceeded by the proposed plant in the area of nonattainment (see Table 1-4.) Therefore, the modeling study was conducted to evaluate the impact of Big Bend Unit 4 on the nearby designated nonattainment areas for sulfur dioxide and suspended particulate matter.

The annual average impact of the proposed unit was determined by adding additional receptors into the AQDM model for the borders nonattainment areas. Similarly, for the short-term impact, the CRSTER model was executed to find key receptors on the borders of the nonattainment areas. Because the Pinellas County nonattainment area is 53 kilometers from the site, the maximum impact will be at the nearest edge of the area to the site. The closest receptor is at the southeast corner (defined as 329.0 East and 3117.0 North UTM coordinates). For the Hillsborough County nonattainment area, the worst case receptor is 5.5 kilometers due north of Big Bend.

4.0 BASELINE AIR QUALITY

4.1 AMBIENT AIR QUALITY DATA ANALYSIS

4.1.1 General

Federal PSD regulations require an analysis of ambient air monitoring data as part of PSD review. This analysis must be conducted for all PSD pollutants. For a coal-fired steam electric generating unit, PSD pollutants are sulfur dioxide, particulate matter, nitrogen oxides, and carbon monoxide. Ambient monitoring historically has not been required for carbon monoxide because power plants do not contribute significantly to ground-level concentrations of this pollutant, as compared to Ambient Air Quality Standards (AAQS) for carbon monoxide.

This report presents an analysis of available ambient air monitoring data in the vicinity of Big Bend for sulfur dioxide, total suspended particulate matter (TSP) and nitrogen dioxide. The data span a 3-year period in which both continuous and non-continuous data were obtained. A review of quality assurance procedures for TECO-operated monitors was presented in Section 3.1.2

4.1.2 Sulfur Dioxide

Non-Continuous Data--Locations of 24-hour sulfur dioxide bubbler air monitoring stations in the vicinity of the Big Bend power plant are shown in Figure 4-1. Sulfur dioxide data are available for the 1976 to 1978 period from both the Hillsborough County Environmental Protection Commission (HCEPC) and TECO's air monitoring network (Table 4-1). Beginning in July 1976, the samples collected by both TECO and HCEPC were temperature-controlled during sampling and storage (see Section 3.1).

Eight monitoring stations are located within about a 5-mile radius of Big Bend. The maximum 24-hour sulfur dioxide concentration recorded at any station was 293 ug/m^3, occurring during 1977 at HCEPC Station 54.

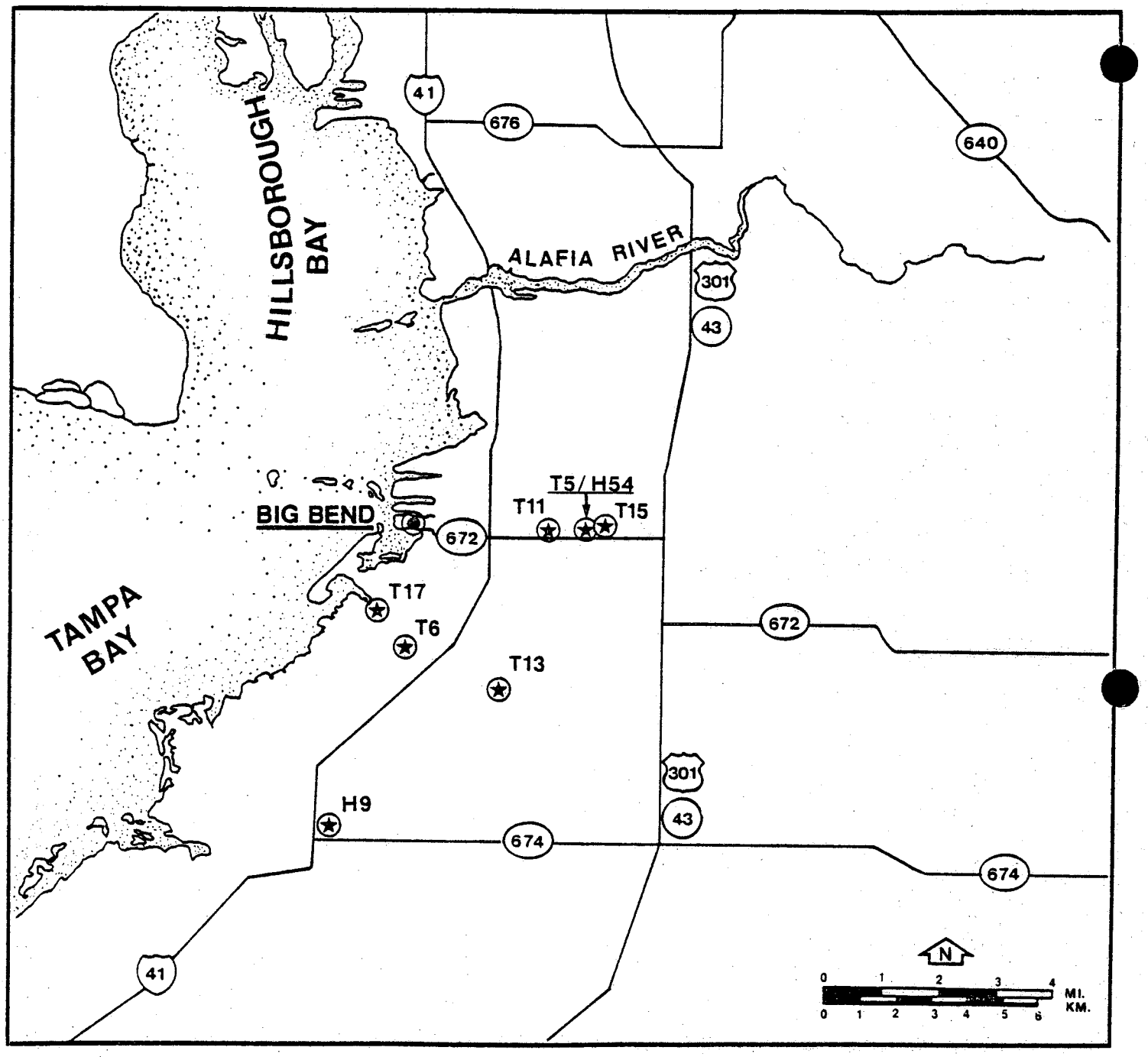

FIGURE 4-1. Locations of TECO and HCEPC 24-Hour Ambient Sulfur Dioxide Bubbler Monitoring Stations Within a 5-Mile Radius of Big Bend

Table 4-1. Summary of Ambient 24-Hour Sulfur Dioxide Bubbler Data in the Vicinity of TECO Big Bend, 1976-1978.

Station Number	Sponsor	Time Period	Number of Observations	Arithmetic Mean (ug/m^3)	Maximum 24-Hour (ug/m^3)	Second-Highest 24-Hour (ug/m^3)
5	TECO	1/76 - 12/76	133	9	59	54
		1/77 - 12/77	79	22	52	44
		1/78 - 12/78	92	5	31	24
6	TECO	1/76 - 12/76	134	10	86	65
		1/77 - 12/77	92	11	79	76
		1/78 - 12/78	31	9	33	33
11	TECO	1/76 - 12/76	23*	8	24	24
		1/77 - 12/77	103	5	62	22
		1/78 - 12/78	60	5	21	16
13	TECO	1/76 - 12/76	15*	10	32	--
		1/77 - 12/77	104	6	42	35
		1/78 - 12/78	57	8	74	50
15	TECO	1/76 - 12/76	8*	5	13	4
		1/77 - 12/77	70	6	103	20
		1/78 - 12/78	61	5	45	19
17	TECO	1/77 - 12/77	35	7	34	32
		1/78 - 12/78	73	7	50	44

Table 4-1. Summary of Ambient 24-Hour Sulfur Dioxide Bubbler Data in the Vicinity of TECO Big Bend, 1976-1978 (Continued, page 2 of 2).

Station Number	Sponsor	Time Period	Number of Observations	Arithmetic Mean (ug/m^3)	Maximum 24-Hour (ug/m^3)	Second-Highest 24-Hour (ug/m^3)
54	HECPC	1/76 - 12/76	129	10	55	54
		1/77 - 12/77	98	11	293	40
9	HCEPC	1/76 - 12/76	59	11	149	94
		1/77 - 12/77	64	8	60	34
		1/78 - 12/78	61	8	76	47

* Sampling not conducted for the entire year.

Note: Federal Primary Standards--365 ug/m^3, 24-hour average (not to be exceeded more than once per year)
80 ug/m^3, annual arithmetic mean.

State of Florida Standards--260 ug/m^3, 24-hour average (not to be exceeded more than once per year)
60 ug/m^3, annual arithmetic mean.

Sources: Environmental Science and Engineering, Inc., 1979.
Hillsborough County Environmental Protection Agency, 1977, 1978, and 1979.
Tampa Electric Company, 1977, 1978, and 1979.

The second-highest values at Station 54 were well below the AAQS level of 260 ug/m^3; therefore, no violations of AAQS were recorded. Station 54 was not in operation in 1978. However, HCEPC Station 54 was co-located with TECO Station 5, and Station 5 operated in 1978.

Other sulfur dioxide monitoring stations did not exceed the 24-hour or annual AAQS. Maximum 24-hour concentrations at these stations were less than 60 percent of the State of Florida standard of 260 ug/m^3. Annual arithmetic mean concentrations at any station were less than 40 percent of the State of Florida AAQS.

Continuous Data--In early 1977 TECO started a continuous ambient sulfur dioxide monitoring program in the vicinity of Big Bend as part of a special sulfur dioxide study. Figure 4-2 shows the locations of the five monitoring stations utilized in the special study.

Table 4-2 presents the results of the monitoring program, including the number of 3-hour and 24-hour values obtained at each station during the monitoring period, the arithmetic mean concentration, the number of observations and percent data recovery, and the highest 3-hour and 24-hour measured concentrations. Two values are shown for the short-term averaging times--a non-overlapping (NOL) or consecutive period maximum average, and a running (RUN) maximum average.

As shown in Table 4-2, maximum and arithmetic mean sulfur dioxide concentrations did not approach any applicable air quality standard, except at Station T4, Bullfrog Creek. At T4, the maximum 24-hour and 3-hour values, representing about 90 percent of the respective 3-hour and 24-hour standards, occurred on May 7, 1977. The maximum 1-hour concentration during this period was estimated at 0.650 ppm, or 1690 ug/m^3. Because the continuous analyzer was set on the 0 to 0.5 ppm (1300 ug/m^3) scale during this period, the highest 1-hour concentrations were determined by estimation. The applicable short-term averaging time standards can be exceeded once per year. The second

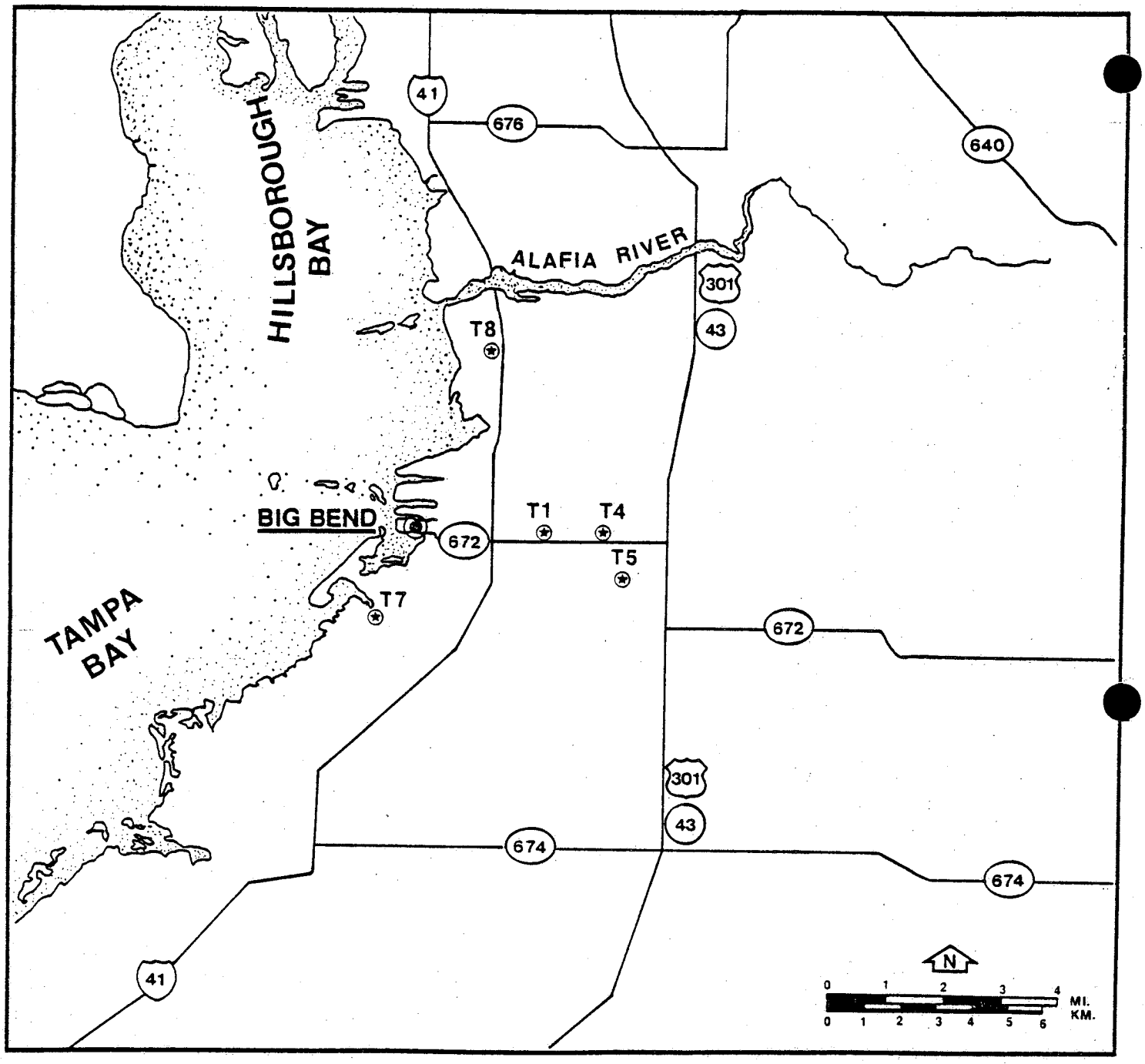

FIGURE 4-2. Locations of TECO Continuous Ambient Sulfur Dioxide Monitoring Stations Within a 5-Mile Radius of Big Bend

Table 4-2. Summary of Continuous Sulfur Dioxide Monitoring Data Obtained in the Vicinity of TECO Big Bend Power Plant

Station	Location	Time Period	24-Hour Number of Observations	24-Hour Percent Data Recovery	3-Hour Number of Observations	3-Hour Percent Data Recovery	Concentrations (ug/m3) Arithmetic Mean	Highest 24-Hr (NOL)	Highest 24-Hr (RUN)	Highest 3-Hr (NOL)	Highest 3-Hr (RUN)
T1	East Bay Substation	2/77-4/79	708	87.4	5,687	87.7	12	156	172	965	967
T4	Bullfrog Creek	5/77-4/79	639	88.8	5,103	88.6	10	237	237	1,149	1,206
T5	North Ruskin	2/77-4/79	722	89.1	5,784	89.3	14	135	174	767	967
T7	Apollo Beach	2/77-4/79	450	75.0	3,670	63.7	16	135	211	473	520
T8	Gibsonton	2/77-3/78	397	94.5	3,191	95.0	15	99	104	588	650
				State of Florida Standards			60	260		1,300	
				EPA Secondary Standard			—	—		1,300	
				EPA Primary Standards			80	365		—	

Note: NOL = Non-Overlapping Averages
RUN = Running Averages

highest recorded concentrations at T4 were well below the air quality standards (see Table 4-3).

Maximum measured concentrations at stations other than T4 did not exceed about 80 percent of the air quality standards. Arithmetic mean concentrations did not exceed 30 percent of the applicable standard.

Tables 4-3 and 4-4 present frequency distribution histograms of 3-hour averages and 24-hour averages (non-running), respectively, obtained from the continuous monitoring data. Upper limits of each frequency interval are shown in both ppm and ug/m^3. Two distributions are presented for each station, denoted by the columns marked "I" and "II". Column I gives the frequency of occurrence of concentrations within each interval, and Column II gives the cumulative frequency of occurrence up to and including the specified interval.

The frequency distribution data display a marked skewness towards the lower concentrations, both for the 3-hour and 24-hour averaging times. Greater than 80 percent of observations, at all monitoring stations, fall below 0.01 ppm (26 ug/m^3). One 3-hour and one 24-hour observation, which occurred on May 7, 1977, fell within the interval containing the State of Florida AAQS of 1300 ug/m^3 and 260 ug/m^3, respectively. These observations reflect the only time that these standards were approached during the monitoring period.

4.1.3 Total Suspended Particulate Matter

Total suspended particulate matter data obtained in the vicinity of TECO Big Bend are presented in Table 4-5. The Federal Reference method for TSP was utilized to obtain these values on a once-every-sixth day sampling schedule. Locations of the ambient monitors, both HCEPC and TECO, are shown in Figure 4-3.

Table 4-3. Frequency Distribution of 3-Hour Average Sulfur Dioxide Concentrations, Measured in the Vicinity of TECO Big Bend Power Plant

Station Location Sampling Period No. of Observations			T1 East Bay Substation 2/77-4/79 5687		T4 Bullfrog Creek 5/77-4/79 5103		T5 North Ruskin 2/77-4/79 5784		T7 Apollo Beach 2/77-5/77 684		T7 Apollo Beach 9/77-4/79 2986		T8 Gibsonton 2/77-3/78 3191	
Upper Limit of Interval	ppm	ug/m³	I	II	I	II	I	II	I	II	I	II	I	II
F	0.01	26	90.276	90.276	92.749	92.749	90.180	90.180	92.251	92.251	84.628	84.628	86.775	86.775
R	0.02	52	5.732	96.008	4.311	97.061	5.411	95.591	2.924	95.175	9.344	93.972	9.025	95.801
E	0.03	78	1.934	97.943	1.137	98.197	1.539	97.130	2.047	97.222	2.512	96.484	2.131	97.932
Q	0.04	104	0.739	98.681	0.607	98.805	0.743	97.873	0.877	98.099	1.139	97.622	1.065	98.997
U	0.05	130	0.440	99.121	0.314	99.118	0.432	98.306	0.292	98.392	0.804	98.426	0.407	99.405
E	0.06	156	0.334	99.455	0.176	99.294	0.328	98.634	0.439	98.830	0.402	98.828	0.157	99.561
N	0.07	182	0.211	99.666	0.118	99.412	0.173	98.807	9.439	99.269	0.301	99.129	0.125	99.687
C	0.08	208	0.053	99.719	0.118	99.530	0.242	99.049	0.292	99.561	0.301	99.431	0.094	99.781
Y	0.09	234	0.035	99.754	0.039	99.569	0.156	99.205	0.146	99.708	0.201	99.632	0.063	99.843
	0.10	260	0.018	99.771	0.059	99.628	0.156	99.360	0.000	99.708	0.134	99.765	0.031	99.875
D	0.15	390	0.141	99.912	0.235	99.863	0.294	99.654	0.292	100.000	0.167	99.933	0.094	99.969
I	0.20	520	0.035	99.947	0.020	99.882	0.207	99.862	0.000	100.000	0.067	100.000	0.000	99.969
S	0.30	780	0.035	99.982	0.098	99.980	0.138	100.000	0.000	100.000	0.000	100.000	0.031	100.000
T	0.40	1040	0.018	100.000	0.000	99.980	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000
R	0.50	1300	0.000	100.000	0.020	100.000	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000
I	0.60	1560	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000
B	0.70	1820	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000
U	0.80	2080	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000
T	0.90	2340	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000
I	1.00	2600	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000
O	>1.00	>2600	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000
N														

I = Percent occurrence within interval.
II = Cumulative percent occurrence.

Table 4-4. Frequency Distribution of 24-Hour Average Sulfur Dioxide Concentrations, Measured in the Vicinity of TECO Big Bend Power Plant

Station Location Sampling Period No. of Observations			T1 East Bay Substation 2/77-4/79 708		T4 Bullfrog Creek 5/77-4/79 639		T5 North Ruskin 2/77-4/79 722		T7 Apollo Beach 2/77-5/77 85		T7 Apollo Beach 9/77-4/79 365		T8 Gibsonton 2/77-3/78 397	
Upper Limit of Interval	ppm	ug/m³	I	II	I	II	I	II	I	II	I	II	I	II
F	0.01	26	90.537	90.537	92.645	92.645	86.427	86.427	88.235	88.235	80.548	80.548	87.406	87.406
R	0.02	52	8.051	98.588	5.477	98.122	8.449	94.875	7.059	95.294	13.973	94.521	11.083	98.489
E	0.03	78	0.565	99.153	0.626	98.748	3.186	98.061	3.529	98.824	3.562	98.082	1.259	99.748
Q	0.04	104	0.424	99.576	0.939	99.687	0.831	98.892	1.176	100.000	1.370	99.452	0.252	100.000
U	0.05	130	0.141	99.717	0.156	99.843	0.831	99.723	0.000	100.000	0.274	99.726	0.000	100.000
E	0.06	156	0.141	99.859	0.000	99.843	0.277	100.000	0.000	100.000	0.274	100.000	0.000	100.000
N	0.07	182	0.141	100.000	0.000	99.843	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000
C	0.08	208	0.000	100.000	0.000	99.843	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000
Y	0.09	234	0.000	100.000	0.000	99.843	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000
	0.10	260	0.000	100.000	0.156	100.000	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000
D	0.15	390	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000
I	0.20	520	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000
S	0.30	780	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000
T	0.40	1040	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000
R	0.50	1300	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000
I	0.60	1560	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000
B	0.70	1820	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000
U	0.80	2080	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000
T	0.90	2340	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000
I	1.00	2600	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000
O	>1.00	>2600	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000	0.000	100.000
N														

I = Percent occurrence within interval.
II = Cumulative percent occurrence.

Table 4-5. Summary of Ambient 24-Hour Suspended Particulate Matter Data in the Vicinity of TECO Big Bend, 1976-1978.

Station Number	Sponsor	Time Period	Number of Observations	Geometric Mean (ug/m^3)	Maximum 24-Hour (ug/m^3)	Second-Highest 24-Hour (ug/m^3)	Standard Geometric Deviation
5	TECO	1/76 - 12/76	49	41	143	71	1.54
		1/77 - 12/77	30	38	103	87	1.96
6	TECO	1/76 - 12/76	47	36	70	69	1.41
		1/77 - 12/77	40	37	115	81	1.54
		1/78 - 12/78	15	39	64	61	1.38
12	TECO	1/76 - 12/76	6*	28	65	49	2.62
		1/77 - 12/77	45	37	111	71	1.48
		1/78 - 12/78	49	39	86	78	1.45
17	TECO	1/78 - 12/78	31	33	79	55	1.37
9	HCEPC	1/76 - 12/76	57	38	85	76	1.38
		1/77 - 12/77	54	31	74	55	1.40
		1/78 - 12/78	61	36	97	70	1.43
50	HCEPC	1/76 - 12/76	54	31	61	57	1.39
		1/77 - 12/77	52	32	79	69	1.47
		1/78 - 12/78	61	38	109	96	1.53
54	HCEPC	1/76 - 12/76	61	38	66	64	1.35
		1/77 - 12/77	58	38	110	103	1.56

* Sampling not conducted for the entire year.

Note: Federal Primary Standards--260 ug/m^3, 24-hour average (not to be exceeded more than once per year).
75 ug/m^3, annual arithmetic mean

State of Florida Standards--150 ug/m^3, 24-hour average (not to be exceeded more than once per year).
60 ug/m^3, annual arithmetic mean

Sources: Environmental Science and Engineering, Inc., 1979.
Hillsborough County Environmental Protection Agency, 1977, 1978, and 1979.
Tampa Electric Company, 1977, 1978, and 1979.

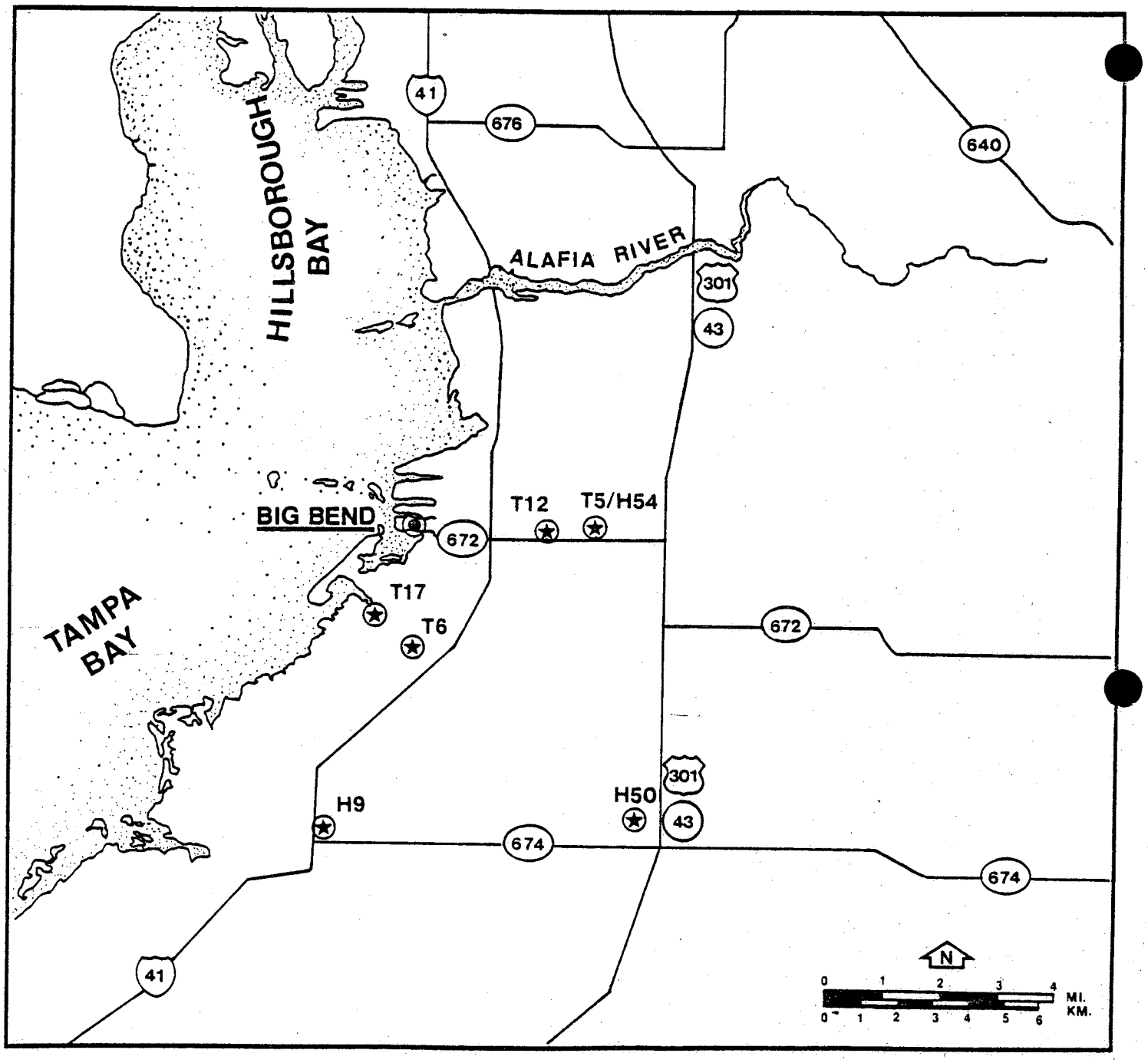

FIGURE 4-3. Locations of TECO and HCEPC 24-Hour Ambient Total Suspended Particulate Matter Monitoring Stations Within a 5-Mile Radius of Big Bend

TSP data are available from seven stations for the 1976-1978 period. Two of these stations, TECO Station 5 and HCEPC Station 54, were co-located during this period. The maximum 24-hour TSP concentrations recorded at any station during the sampling period was 143 ug/m^3 at TECO Station 5 in 1976. This value represents 95 percent of the Florida 24-hour AAQS of 150 ug/m^3. The second highest 24-hour concentration at TECO Station 5 was 71 ug/m^3, which is less than half of the standard.

During 1977 and 1978, the maximum measured 24-hour TSP concentration at any station was 115 ug/m^3, and occurred at TECO Station 6. This value is about 75 percent of the AAQS. The data show that all TSP stations within 5 miles of Big Bend are in compliance with short-term TSP AAQS.

The annual geometric mean AAQS for the State of Florida is 60 ug/m^3. The highest geometric mean calculated for data collected in the study area was 41 ug/m^3, which is 68 percent of the standard and occurred at TECO Station 5 in 1976. Since that time, annual geometric means have not exceeded 40 ug/m^3 at any sampling station and are representative of rural background TSP levels.

Background TSP Estimation--Only stationary point sources of particulate matter are accounted for in the emissions inventories used in the atmospheric dispersion models. However, many fugitive particulate matter sources exist in the Tampa and Big Bend area, as well as a natural background TSP level. To account for these fugitive emissions and natural dust levels, a background TSP concentration is added to the modeling results, for both the long-term and short-term averaging time.

For the annual averaging time, a background TSP level was obtained by averaging the geometric mean TSP concentrations presented in Table 4-5. This results in an average concentration of 35.9 ug/m^3. For convenience, and since this average level reflects point source

contributions from particulate matter emitters in the area (i.e., TECO Big Bend), an annual background TSP level of 35 ug/m^3 was used in this study. This value was added to all annual average model results to obtain total air quality level predictions.

A statistical approach was utilized to determine an appropriate short-term (24-hour) background TSP level. It is not justified to utilize the highest or second-highest measured values at the monitoring stations, since it is highly unlikely that worst-case meteorological conditions for point source emissions will occur in conjunction with a worst-case background level. A statistically more valid level, used in previous modeling studies in Florida, is a level that is exceeded 16 percent of the time, or the 84th percentile concentration. The probability of occurrence of this background level and worst-case point source model predictions is less than one day in five years, justifying the utilization of this technique.

Analysis of many years of ambient TSP data has shown that such data tend to be lognormally distributed. If the lognormal distribution is assumed, the method of Larsen (1971) can be utilized to estimate the 84th percentile concentration from the annual average concentration. The equation for the conversion is:

$$C = M\ Sg^{z-0.5\ \ln Sg}$$

Where C = 84th percentile concentration

Sg = Geometric standard deviation

z = 1.0, number of standard deviations from mean for 84th percentile

M = arithmetic mean.

The range of Sg values for the sampling data presented (excluding data not representative of an entire year) is from 1.35 to 1.96. Substituting the highest of these values into the above equation yields:

$$C = M \times 1.56$$

Thus, the 84th percentile concentration is equivalent to 1.56 times the arithmetic mean. Applying this factor to the 35.9 ug/m^3 annual average background yields a 24-hour TSP background concentration of approximately 55 ug/m^3. This is extremely conservative since the average Sg value is 1.48.

4.1.4 Nitrogen Dioxide

Nitrogen dioxide data from the Big Bend area is available from seven TECO stations for the 1976 to 1978 period (Figure 4-4). All samples were collected generally on a once-every-third day schedule utilizing 24-hour bubblers and the sodium arsenite Federal Reference method for nitrogen dioxide. Maximum 24-hour concentrations at any station did not exceed 221 ug/m^3 (Table 4-6). Only an annual arithmetic mean AAQS exists for nitrogen dioxide, and it is 100 ug/m^3. The maximum annual arithmetic mean concentration recorded for any station was 38 ug/m^3 38 ug/m^3 at TECO Station 17 during 1978. This value represents 38 percent of the annual standard.

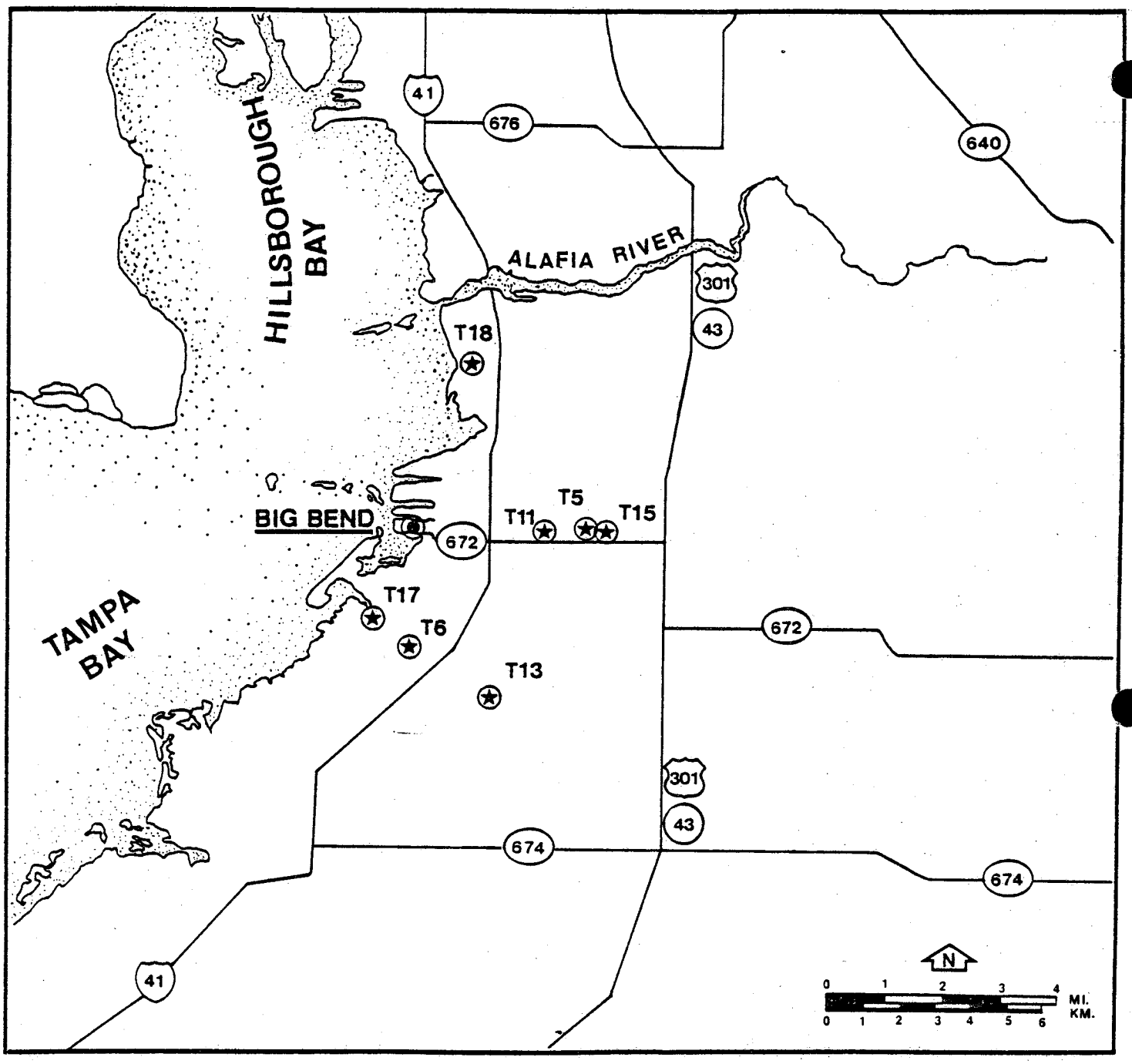

FIGURE 4-4. Locations of TECO 24-Hour Ambient Nitrogen Dioxide Bubbler Monitoring Stations Within a 5-Mile Radius of Big Bend

Table 4-6. Summary of Ambient 24-Hour Nitrogen Dioxide Bubbler Data in the Vicinity of TECO Big Bend, 1976-1978.

Station Number	Sponsor	Time Period	Number of Observations	Arithmetic Mean (ug/m^3)	Maximum 24-Hour (ug/m^3)
5	TECO	1/76 - 12/76	133	13	42
		1/77 - 12/77	79	22	52
		1/78 - 12/78	87	37	221
6	TECO	1/76 - 12/76	135	12	43
		1/77 - 12/77	91	17	39
		1/78 - 12/78	26	20	47
11	TECO	1/76 - 12/76	20*	17	37
		1/77 - 12/77	95	17	43
		1/78 - 12/78	57	29	101
13	TECO	1/76 - 12/76	16*	15	30
		1/77 - 12/77	94	11	33
		1/78 - 12/78	56	28	129
15	TECO	1/76 - 12/76	8*	15	24
		1/77 - 12/77	71	13	27
		1/78 - 12/78	59	26	121
17	TECO	1/76 - 12/76	3*	18	22
		1/78 - 12/78	75	38	165
18	TECO	1/76 - 12/76	1*	5	5
		1/77 - 12/77	96	18	37
		1/78 - 12/78	27	23	111

* Samples not collected for the entire year.

Note: Federal Primary and State of Florida Standard: 100 ug/m^3, annual arithmetic mean.

Sources: Environmental Science and Engineering, Inc., 1977, 1978, and 1979.
Tampa Electric Company, 1977, 1978, and 1979.

4.2 BASELINE - FEDERAL

EPA defines "baseline concentration" as:

> that ambient concentration level reflecting actual air quality as of August 7, 1977, minus any contribution from major stationary sources and major modifications on which construction commenced on or after January 6, 1975. The baseline concentration shall include contributions from:... (ii). The allowable emissions of major stationary sources and major modifications which commenced construction before January 6, 1975, but were not in operation by August 7, 1977. (Federal Register, Vol. 43, No. 118, June 19, 1978).

In applying the baseline emissions concept, EPA does not require the establishment of a formal baseline concentration. Essentially, only those sources which have changed emission rates and/or stack parameters or new sources which have commenced construction since the baseline date need to be evaluated. In essence, these sources would either expand or consume PSD increments. Other sources would not affect PSD increment consumption. "This policy is consistent with the intent of the Act to base increment consumption on all emission increases from new and modified sources, but to allow consumption of the increment to occur from only certain non-modification activities (e.g., some fuel switches) of existing sources" (Federal Register, Vol. 43, No. 118, pg. 26400, June 19, 1978).

In considering factors such as hours of operation, capacity utilization, and types of materials combusted, processed, and/or stored, "1977 values will generally be used"; however, the baseline emissions concept "also includes ... any future increases in hours of operation or capacity utilization as they occur if such are allowed to the source as of August 7, 1977, and if the source could have been reasonably expected to make these increases on this date" (Federal Register, Vol. 43, No. 118, pg. 26400).

The baseline sulfur dioxide emission rates utilized in the PSD evaluation were the allowable emission rates of 32 tons per hour, maximum

24-hour emission cap, and 35 tons per hour, maximum 3-hour emission cap, total emissions from Big Bend Units 1 through 3. This emission limitation was in effect at Big Bend until October 1, 1977, and therefore reflects emissions as of August 7, 1977 (see Appendix F). Short-term 24-hour and 3-hour particulate matter emission rates were based upon the allowable emission limit of 0.1 lb/mm Btu heat input.

The annual baseline emissions for Big Bend reflect actual capacity utilization which occurred at the plant in 1977:

Big Bend 1 - 67 percent
Big Bend 2 - 64 percent
Big Bend 3 - 61 percent.

The short-term baseline levels were developed by considering Big Bend Units 1 through 3 operating at 100 percent, 75 percent, and 50 percent load, and Units 1 and 3 only operating at 100 percent load.

The baseline concentrations were then determined by identifying the maximum highest, second-highest sulfur dioxide concentration at each receptor point for all operation conditions evaluated.

A number of sources located in Hillsborough, Pinellas, Pasco, and Manatee Counties were identified as being modified after the January 6, 1975 date (see Appendix G). These sources consume or expand PSD increments, depending upon the particular modification conditions. To establish the EPA annual baseline levels, these modified sources were modeled at their pre-modification emissions and stack parameters, based upon actual emission rates. These estimated air quality levels will be subtracted from predicted levels (for corresponding receptor points) based on all new sources and modified sources operating at maximum allowable emission rates. The modified source data reflected post-modification conditions. This methodology determined annual EPA increment consumption.

Figures 4-5 and 4-6 show the results of the EPA baseline annual modeling for sulfur dioxide and TSP, respectively.

The results of the 24-hour and 3-hour sulfur dioxide baseline estimations are shown in Figures 4-7 and 4-8, respectively. Similarly, Figure 4-9 shows the 24-hour TSP baseline concentrations. These baseline concentrations, as described previously, represent maximum highest, second-highest concentrations for a number of representative operating conditions. They are reflective of emissions from Big Bend only.

4.3 BASELINE - STATE OF FLORIDA

The State of Florida has defined baseline concentration for PSD purposes to mean:

> For sulfur dioxide and particulate matter, the applicable ambient concentration levels existing during 1974 plus any additional concentrations for the area of impact estimated to result from sources permitted for construction but not operating prior to January 1, 1975 (Chapter 17-2.02(12), Florida Administrative Code).

In October 1978, the FDER Bureau of Air Quality Management published "Guidelines on Prevention of Significant Deterioration (PSD) - PSD Review." The document states: "Baseline emissions data consist of the January 1, 1975 allowable emission rates and January 1, 1975 stack configurations for all sources holding either an operating or construction permit during any part of 1974."

To comply with these requirements, a 1974 allowable emissions inventory reflecting January 1, 1975, conditions was developed for sulfur dioxide and particulate matter, based on available FDER information. For TECO Big Bend, allowable emissions for 1974 were 32 tons per hour sulfur dioxide total from all three units (24-hour average), and 0.1 lb/mm Btu for particulate matter. These allowable emissions include allowable

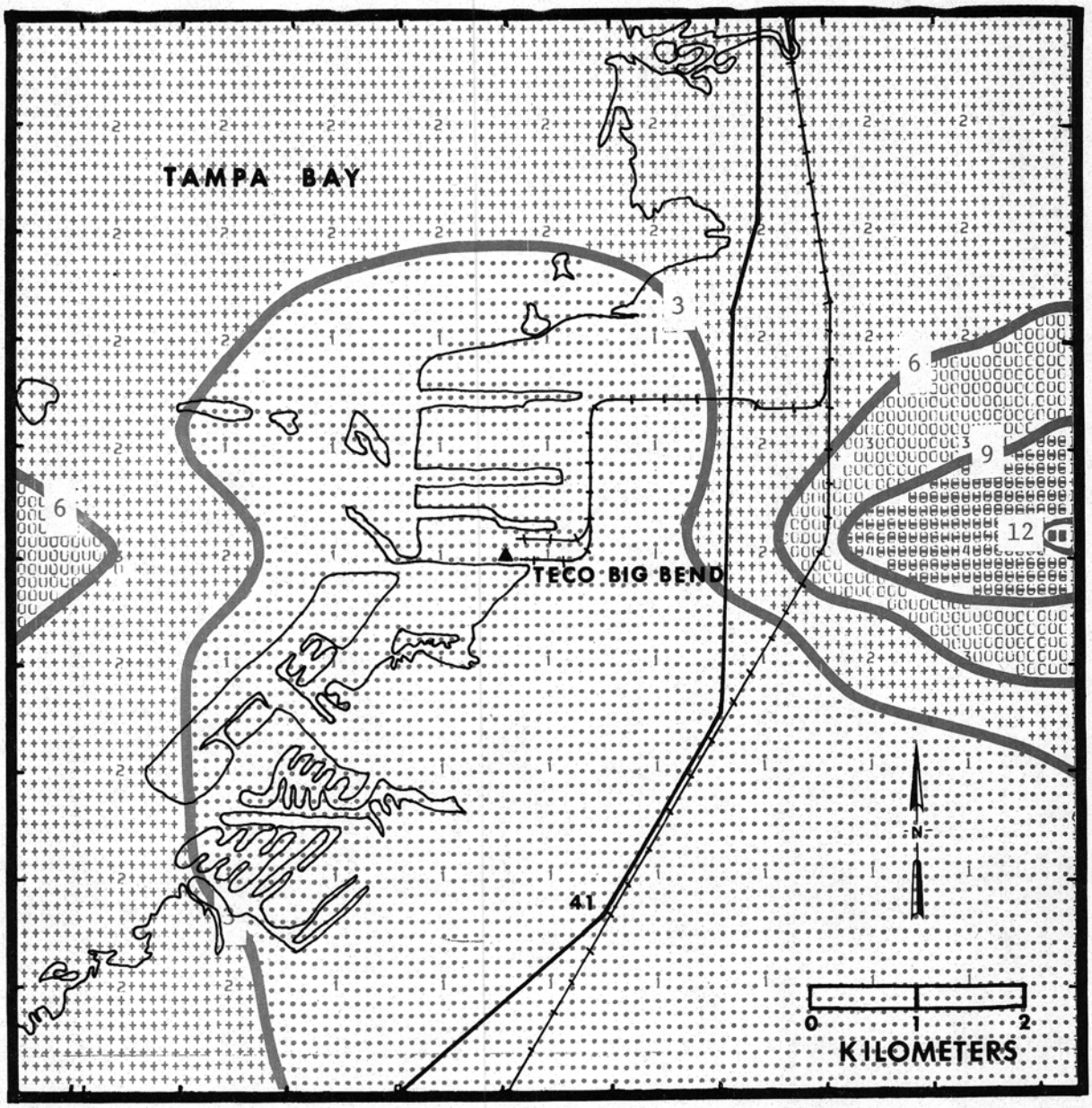

FIGURE 4.5

I
TECO BIG BEND 4 PSD
ANNUAL AVERAGED CONCENTRATIONS (UG/CU. M)
EPA BASELINE OF SO2 INCREMENT CONSUMING SOURCES--BIG BEND SITE

DATA VALUE EXTREMES ARE 1.00 12.10

ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
('MAXIMUM' INCLUDED IN HIGHEST LEVEL ONLY)

MINIMUM	0.0	3.00	6.00	9.00	12.00
MAXIMUM	3.00	6.00	9.00	12.00	15.00

PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL

20.00 20.00 20.00 20.00 20.00

FREQUENCY DISTRIBUTION OF DATA POINT VALUES IN EACH LEVEL

LEVEL	1	2	3	4	5
SYMBOLS	1	2	3	4	5
FREQ.	52	58	7	3	1

0.006225 MINUTES FOR HISTOGRAM

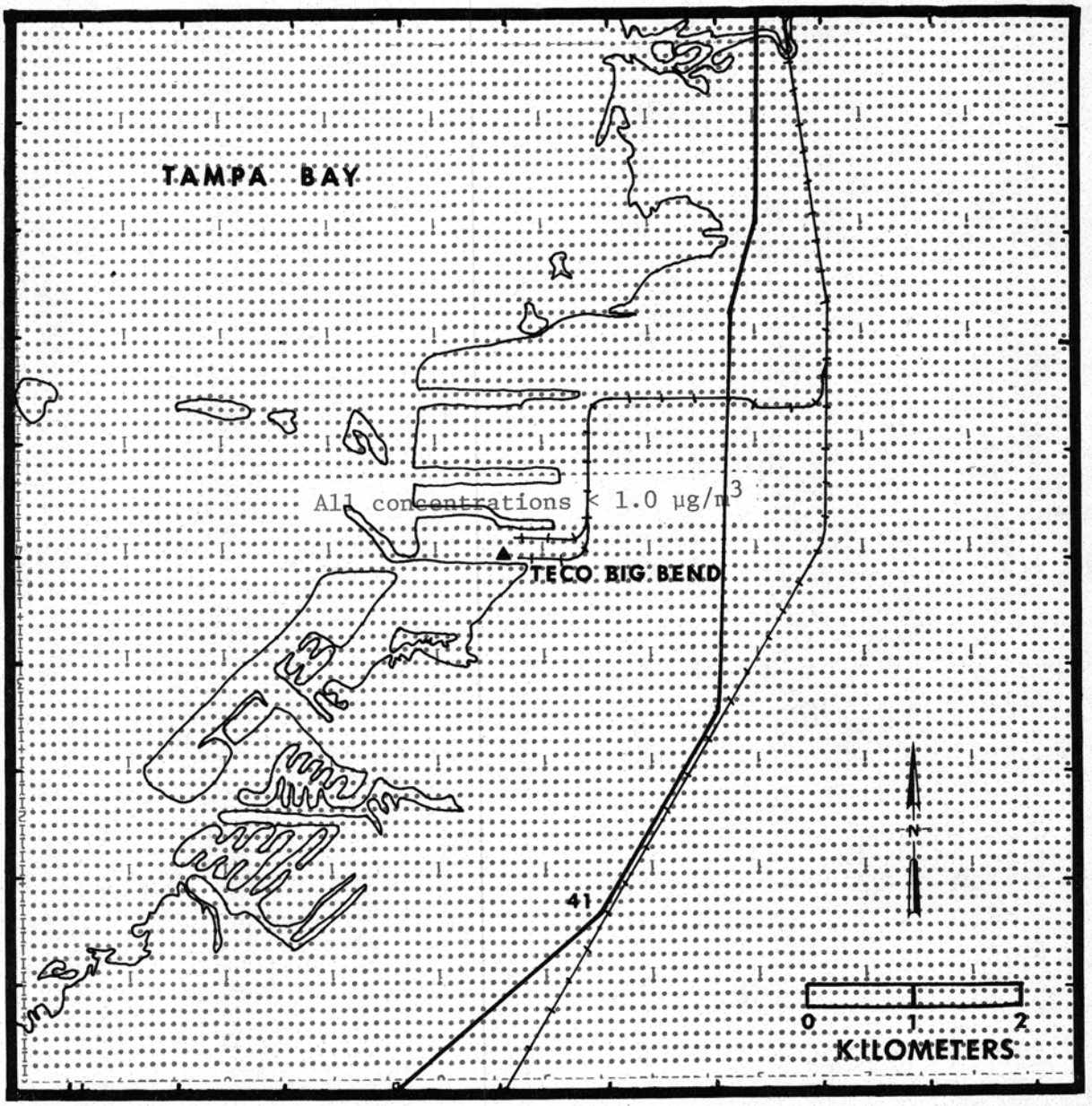

FIGURE 4.6

TECO BIG BEND 4 PSD

ANNUAL AVERAGED CONCENTRATIONS (UG/CU. M)

EPA BASELINE OF TSP INCREMENT CONSUMING SOURCES--BIG BEND SITE

DATA VALUE EXTREMES ARE 0.10 0.40

ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
('MAXIMUM' INCLUDED IN HIGHEST LEVEL ONLY)

MINIMUM	0.0	0.50
MAXIMUM	0.50	1.00

PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL

50.00 50.00

FREQUENCY DISTRIBUTION OF DATA POINT VALUES IN EACH LEVEL

LEVEL	1	2
SYMBOLS	1	2
FREQ.	121	0

0.001883 MINUTES FOR HISTOGRAM

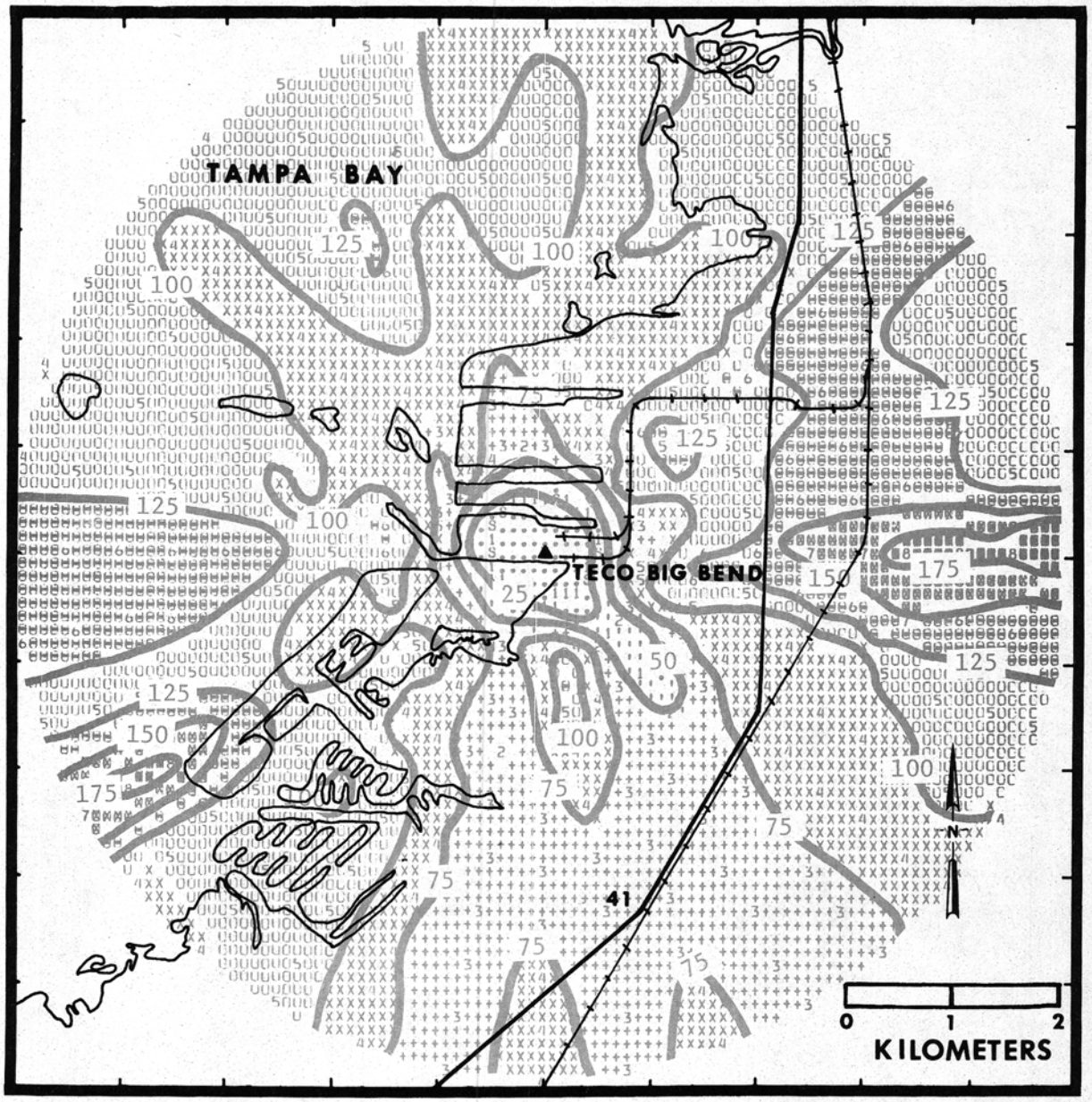

FIGURE 4.7

TECO BIG BEND ONLY

HIGHEST, SECOND-HIGHEST 24-HOUR CONCENTRATIONS, UG/CU. M

SO2 24-HOUR COMPOSITE BASELINE CONCENTRATIONS--ALL CASES

DATA VALUE EXTREMES ARE 0.0 . 187.60

TOTAL SUPERIMPOSED DATA POINTS IS 14. THESE OCCUR IN 7 LOCATIONS.

ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
('MAXIMUM' INCLUDED IN HIGHEST LEVEL ONLY)

MINIMUM	0.0	25.00	50.00	75.00	100.00	125.00	150.00	175.00
MAXIMUM	25.00	50.00	75.00	100.00	125.00	150.00	175.00	200.00

PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL

	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50

FREQUENCY DISTRIBUTION OF DATA POINT VALUES IN EACH LEVEL

LEVEL	1	2	3	4	5	6	7	8
SYMBOLS	1	2	3	4	5	6	7	8
FREQ.	38	6	51	109	102	43	5	6

0.002896 MINUTES FOR HISTOGRAM

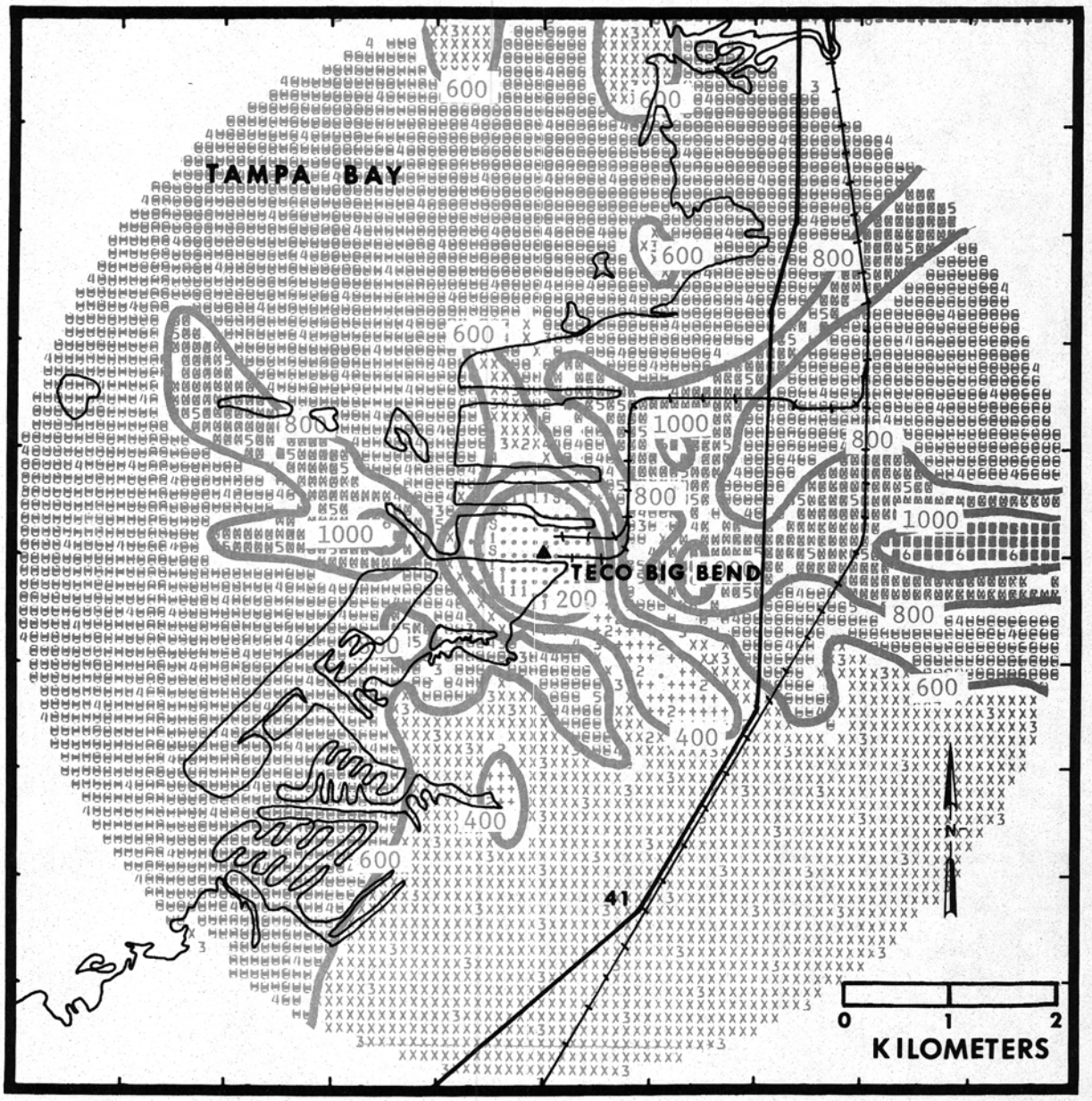

FIGURE 4.8

TECO BIG BEND ONLY

HIGHEST, SECOND-HIGHEST 3-HOUR CONCENTRATIONS, UG/CU. M

SO2 3-HOUR COMPOSITE BASELINE CONCENTRATIONS--ALL CASES

DATA VALUE EXTREMES ARE 0.10 1125.00

TOTAL SUPERIMPOSED DATA POINTS IS 14. THESE OCCUR IN 7 LOCATIONS.

ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
('MAXIMUM' INCLUDED IN HIGHEST LEVEL ONLY)

MINIMUM	0.0	200.00	400.00	600.00	800.00	1000.00
MAXIMUM	200.00	400.00	600.00	800.00	1000.00	1200.00

PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL

	16.67	16.67	16.67	16.67	16.67	16.67

FREQUENCY DISTRIBUTION OF DATA POINT VALUES IN EACH LEVEL

LEVEL	1	2	3	4	5	6
SYMBOLS	.	+	X	H	W	6
FREQ.	36	11	85	177	39	12

0.002387 MINUTES FOR HISTOGRAM

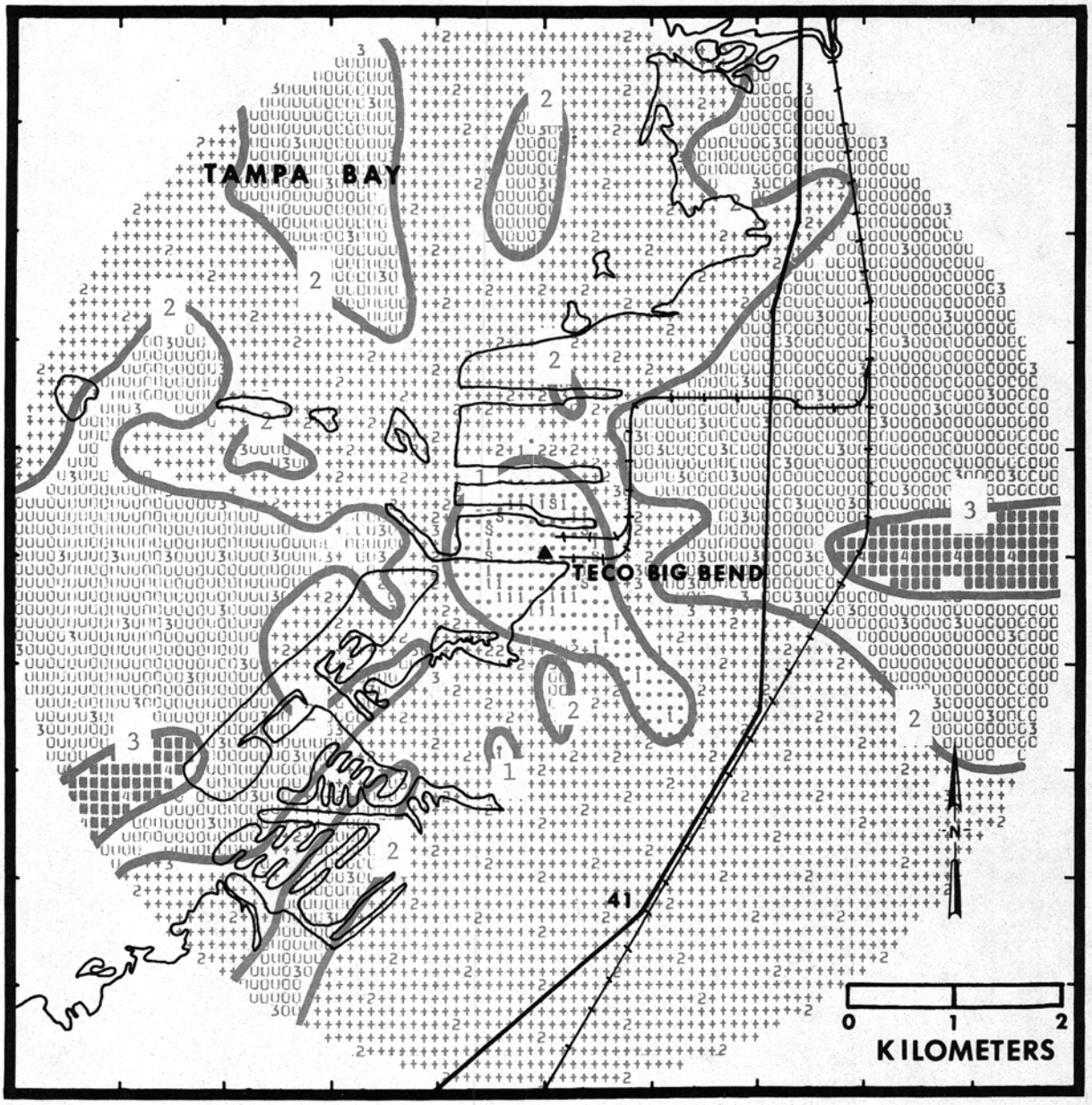

FIGURE 4.9

TECO BIG BEND ONLY

HIGHEST, SECOND-HIGHEST 24-HOUR CONCENTRATIONS, UG/CU. M

TSP 24-HOUR COMPOSITE BASELINE CONCENTRATIONS--ALL CASES

DATA VALUE EXTREMES ARE 0.0 3.60

TOTAL SUPERIMPOSED DATA POINTS IS 14. THESE OCCUR IN 7 LOCATIONS.

ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
('MAXIMUM' INCLUDED IN HIGHEST LEVEL ONLY)

MINIMUM	0.0	1.00	2.00	3.00
MAXIMUM	1.00	2.00	3.00	4.00

PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL

25.00 25.00 25.00 25.00

FREQUENCY DISTRIBUTION OF DATA POINT VALUES IN EACH LEVEL

LEVEL	1	2	3	4
SYMBOLS	.....	+++++++++	000000000	■■■■■■■■■
	.....	+++++++++	000000000	■■■■■■■■■
	....1....	++++2++++	00003000	■■■■4■■■■
	.....	+++++++++	000000000	■■■■■■■■■
	.....	+++++++++	000000000	■■■■■■■■■
FREQ.	44	177	131	8

0.002085 MINUTES FOR HISTOGRAM

emissions from Big Bend Unit 3, which was permitted for construction but not operating as of January 1, 1975.

For the annual averaging time, all sources located in Pasco, Pinellas, Hillsborough, and Manatee counties were included in the inventory (see Appendix B). Shown in Figure 4-10 are FDER annual average baseline sulfur dioxide concentrations in the vicinity of Big Bend. Similarly, shown in Figure 4-11 are FDER annual average baseline TSP concentrations. Background TSP levels have not been included in the baseline estimates, since background does not affect increment consumption.

The short-term baseline sulfur dioxide and particulate matter concentrations reflect emissions due to Big Bend only. Because other sources are not located within 5 km of Big Bend, such sources would only contribute slightly to baseline concentrations and only for certain wind directions. Big Bend has major impact on short-term levels within this distance. Big Bend baseline emissions are based upon the allowable sulfur dioxide emissions from all 3 units of 32 tons per hour and 35 tons per hour for the 24- and 3-hour averaging times, respectively (see Appendix F). Short-term particulate matter emissions were based upon 0.1 $lb/10^6$ Btu heat input.

To establish short-term baseline levels, several representative operating conditions were evaluated, including 100 percent load, 75 percent load and 50 percent load (all 3 units), and Units 1 and 3 only at 100 percent load. Since Units 1 and 2 utilize the same stack, operation of only one of these units significantly decreased the stack gas exit velocity.

The short-term baseline concentrations (see Figures 4-7 through 4-9) were developed for EPA and are also applicable to the FDER analysis. These concentrations represent the highest, second-highest concentrations for each receptor predicted by the CRSTER model, for any of the operating conditions evaluated. The baseline concentrations are also presented in tabular form in Appendix D.

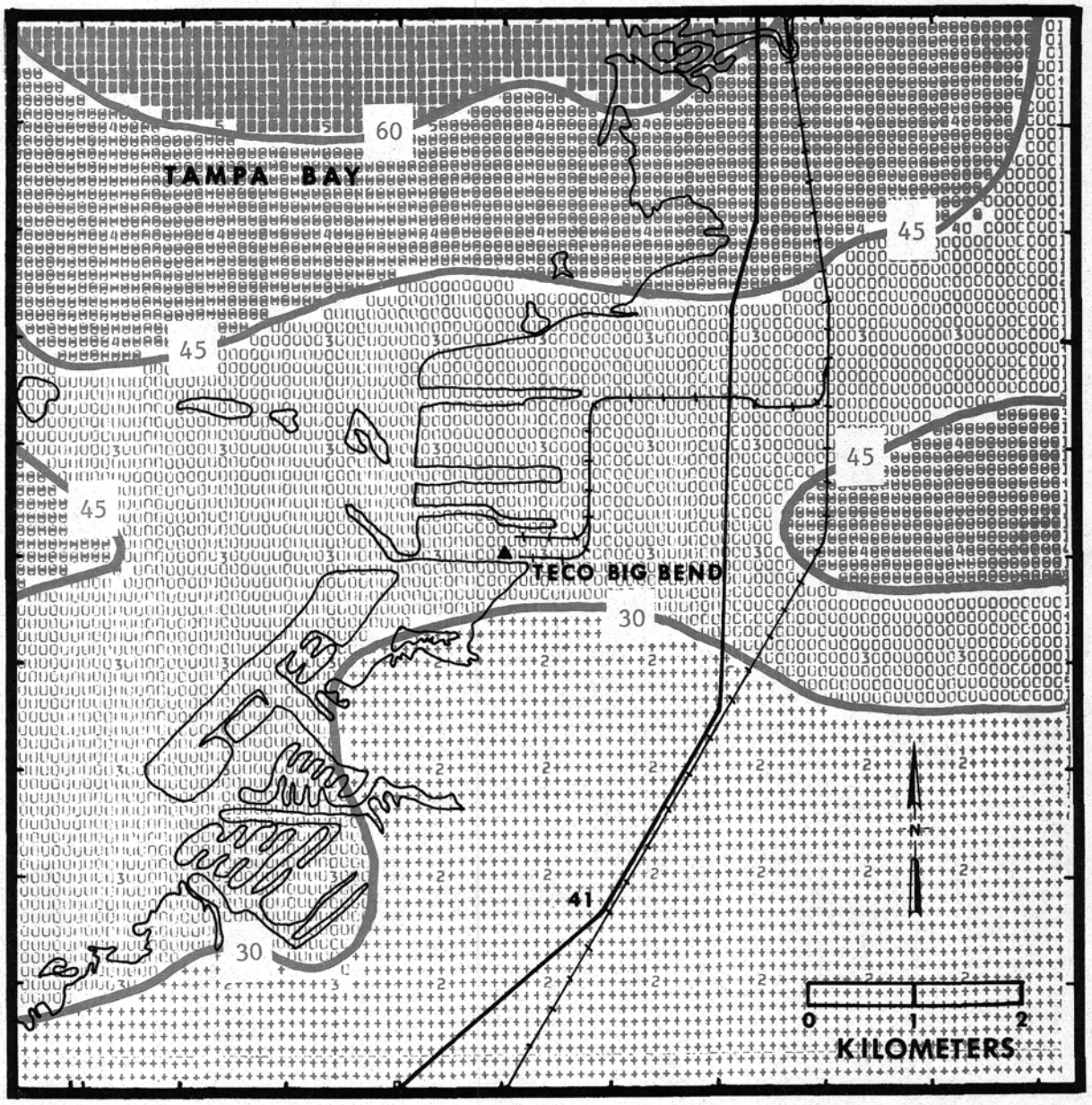

FIGURE 4.10

TECO BIG BEND 4 PSD

ANNUAL AVERAGED CONCENTRATIONS (UG/CU. M)

PER BASELINE---SO2---BIG BEND SITE

DATA VALUE EXTREMES ARE 21.40 73.90

ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
('MAXIMUM' INCLUDED IN HIGHEST LEVEL ONLY)

MINIMUM	0.0	15.00	30.00	45.00	60.00
MAXIMUM	15.00	30.00	45.00	60.00	75.00

PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL

20.00 20.00 20.00 20.00 20.00

FREQUENCY DISTRIBUTION OF DATA POINT VALUES IN EACH LEVEL

LEVEL	1	2	3	4	5
SYMBOLS	1	2	3	4	5
FREQ.	0	36	45	29	11

0.002319 MINUTES FOR HISTOGRAM

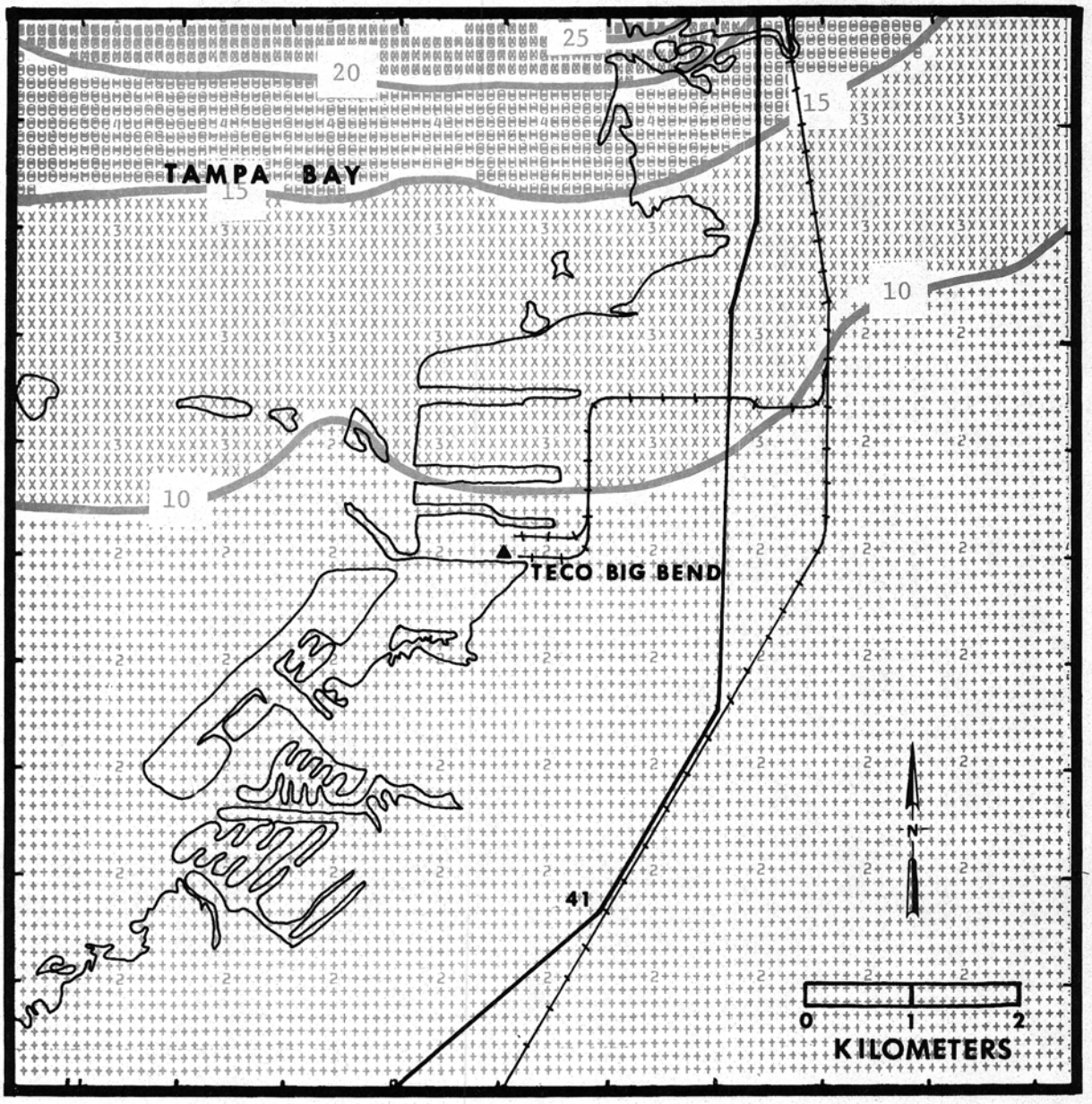

FIGURE 4.11

TECO BIG BEND 4 PSD

ANNUAL AVERAGED CONCENTRATIONS (UG/CU. M)

DER BASELINE--TSP----BIG BEND SITE

DATA VALUE EXTREMES ARE 5.40 27.20

ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
('MAXIMUM' INCLUDED IN HIGHEST LEVEL ONLY)

MINIMUM	0.0	5.00	10.00	15.00	20.00	25.00
MAXIMUM	5.00	10.00	15.00	20.00	25.00	30.00

PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL

	16.67	16.67	16.67	16.67	16.67	16.67

FREQUENCY DISTRIBUTION OF DATA POINT VALUES IN EACH LEVEL

LEVEL	1	2	3	4	5	6
SYMBOLS	. 1 .	+ 2 +	X 3 X	@ 4 @	M 5 M	# 6 #
FREQ.	0	73	31	9	5	3

0.004469 MINUTES FOR HISTOGRAM

5.0 AIR QUALITY ANALYSIS

5.1 INCREMENT CONSUMPTION

5.1.1 General

With respect to classification of Prevention of Significant Deterioration (PSD) areas, EPA has designated all airspace within 90 kilometers of Big Bend as Class II. The Class I area nearest Big Bend is the extreme southeastern edge of the Chassahowitzka Wilderness Area, which is approximately 92 kilometers from the site.

In this section, the PSD Class II increment consumption is shown for each applicable averaging time and pollutant. All significant interacting sources are included in the analysis.

5.1.2 FDER Annual Increment Consumption

Figures 5.1 and 5.2 portray the spatial annual increment consumption according to the FDER definitions of baseline and projected emissions for sulfur dioxide and TSP, respectively. The spatial sulfur dioxide increment consumption in the vicinity of Big Bend indicates uniform air quality improvement in relation to sulfur dioxide since 1974, the baseline year. For TSP, the only positive increment consumption on the map is due to a small source which had a 1974 "allowable" emission rate of 133 tons of particulate matter per year. Agrico Chemical Company (Hillsborough County, NEDS No. 94-01), located 1.3 kilometers north-northwest of Big Bend, has actual annual particulate emissions of 5 tons by using baghouses with 99 percent control efficiency. The allowable particulate emissions are 27 times greater than the actual emissions of this source, so that only a "modeling" violation of PSD increments is predicted to occur. The maximum particulate matter increment consumption occurred at a receptor 200 meters south of Agrico, and was 24.0 ug/m^3. The contribution of Big Bend (with all four units at full load) to the increment consumption at that receptor was 0.0 ug/m^3. Agrico's impact at allowable emissions is 25.4 ug/m^3. Therefore, at actual emissions, their annual impact would be less than

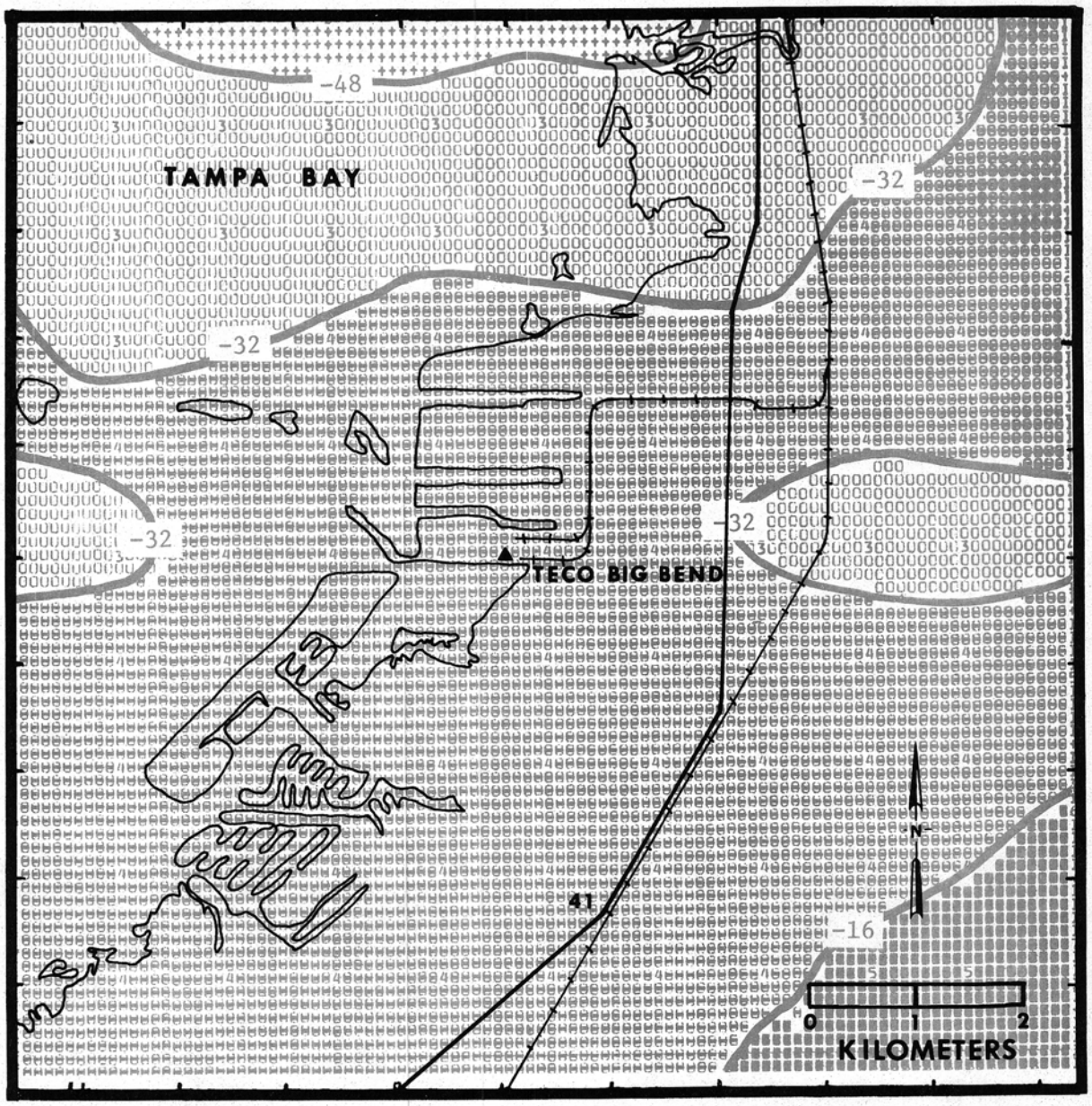

FIGURE 5.1

TECO BIG BEND 4 PSD

ANNUAL AVERAGED CONCENTRATIONS (UG/CU. M)

DER PSD INCREMENT CONSUMPTION---SO2---BIG BEND SITE

DATA VALUE EXTREMES ARE -55.50 -13.10

ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
('MAXIMUM' INCLUDED IN HIGHEST LEVEL ONLY)

MINIMUM	-80.00	-64.00	-48.00	-32.00	-16.00
MAXIMUM	-64.00	-48.00	-32.00	-16.00	0.0

PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL

20.00	20.00	20.00	20.00	20.00

FREQUENCY DISTRIBUTION OF DATA POINT VALUES IN EACH LEVEL

LEVEL	1	2	3	4	5
SYMBOLS	1	2	3	4	5
FREQ.	0	5	31	77	8

0.007503 MINUTES FOR HISTOGRAM

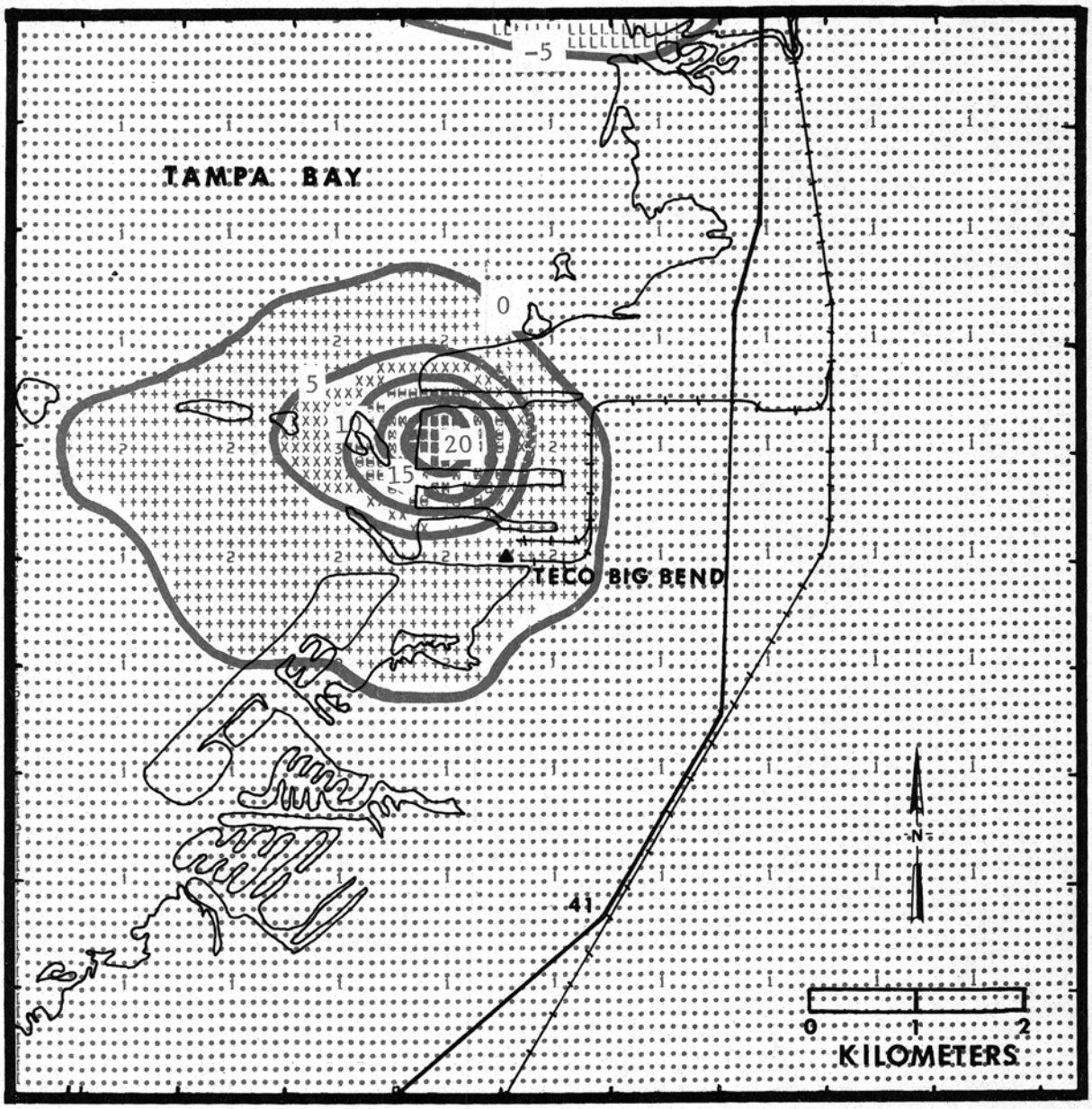

FIGURE 5.2

TECO BIG BEND 4 PSD

ANNUAL AVERAGED CONCENTRATIONS (UG/CU. M)

DER PSD INCREMENT CONSUMPTION---TSP---BIG BEND SITE

DATA VALUE EXTREMES ARE -6.10 24.00

ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
('MAXIMUM' INCLUDED IN HIGHEST LEVEL ONLY)

MINIMUM	BELOW	-5.00	0.0	5.00	10.00	15.00	20.00
MAXIMUM	-5.00	0.0	5.00	10.00	15.00	20.00	25.00

PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL

16.67	16.67	16.67	16.67	16.67	16.67

FREQUENCY DISTRIBUTION OF DATA POINT VALUES IN EACH LEVEL

LEVEL	L	1	2	3	4	5	6
SYMBOLS	LLLLLLLLL	.....	+++++++++	XXXXXXXXX	@@@@@@@@@	▩▩▩▩▩▩▩▩▩	▩▩▩▩▩▩▩▩▩
	LLLLLLLLL	.....	+++++++++	XXXXXXXXX	@@@@@@@@@	▩▩▩▩▩▩▩▩▩	▩▩▩▩▩▩▩▩▩
	LLLLLLLLL	....1....	++++2++++	XXXX3XXXX	@@@@4@@@@	▩▩▩▩5▩▩▩▩	▩▩▩▩6▩▩▩▩
	LLLLLLLLL	.....	+++++++++	XXXXXXXXX	@@@@@@@@@	▩▩▩▩▩▩▩▩▩	▩▩▩▩▩▩▩▩▩
	LLLLLLLLL	.....	+++++++++	XXXXXXXXX	@@@@@@@@@	▩▩▩▩▩▩▩▩▩	▩▩▩▩▩▩▩▩▩
FREQ.	3	104	12	1	0	0	1

0.065475 MINUTES FOR HISTOGRAM

1 ug/m^3, and total increment consumption at this receptor would be approximately -0.2 ug/m^3, or a slight net improvement in air quality.

5.1.3 FDER Short-Term Increment Consumption

Figures 5.3 and 5.4 show the spatial 24-hour sulfur dioxide and TSP increment consumption due to the TECO Big Bend facility only. Short-term maximum source interaction increments are shown in tabular form only in Table 5.1. Beyond 0.5 kilometers from Big Bend, the area shows an improvement in the 24-hour sulfur dioxide air quality and only a slight particulate matter air quality deterioration (0.3 ug/m^3) at a few receptors. From 0 to 0.5 km, increment consumption is 0.0 for both pollutants, due to the proximity to the Big Bend stacks.

The 3-hour sulfur dioxide PSD increment consumption is shown in Figure 5.5, which indicates only a very small area where positive increment consumption occurs. The magnitude of this consumption (67.7 ug/m^3) is still nearly a factor of eight below the allowable PSD increment of 512 ug/m^3.

Since the major source at the site is the Big Bend generating facility, Big Bend will dominate source interactions and will determine worst case meteorological conditions for these interaction cases. Results for Big Bend alone show sulfur dioxide air quality improvement over the baseline at every point at the site for the 24-hour case and only a small, isolated deterioration for the 3-hour case as compared to baseline concentrations. Days other than the critical worst days of Big Bend would create a large air quality improvement at the site. Interacting sources, therefore, must be aligned with Big Bend's critical meteorological direction if they are to influence or deteriorate the sulfur dioxide air quality at the site. Thus, results of the sulfur dioxide short-term interaction indicate the largest increment consumption at the site is due solely to Big Bend, since the critical meteorology does not align other increment-consuming sources with Big Bend.

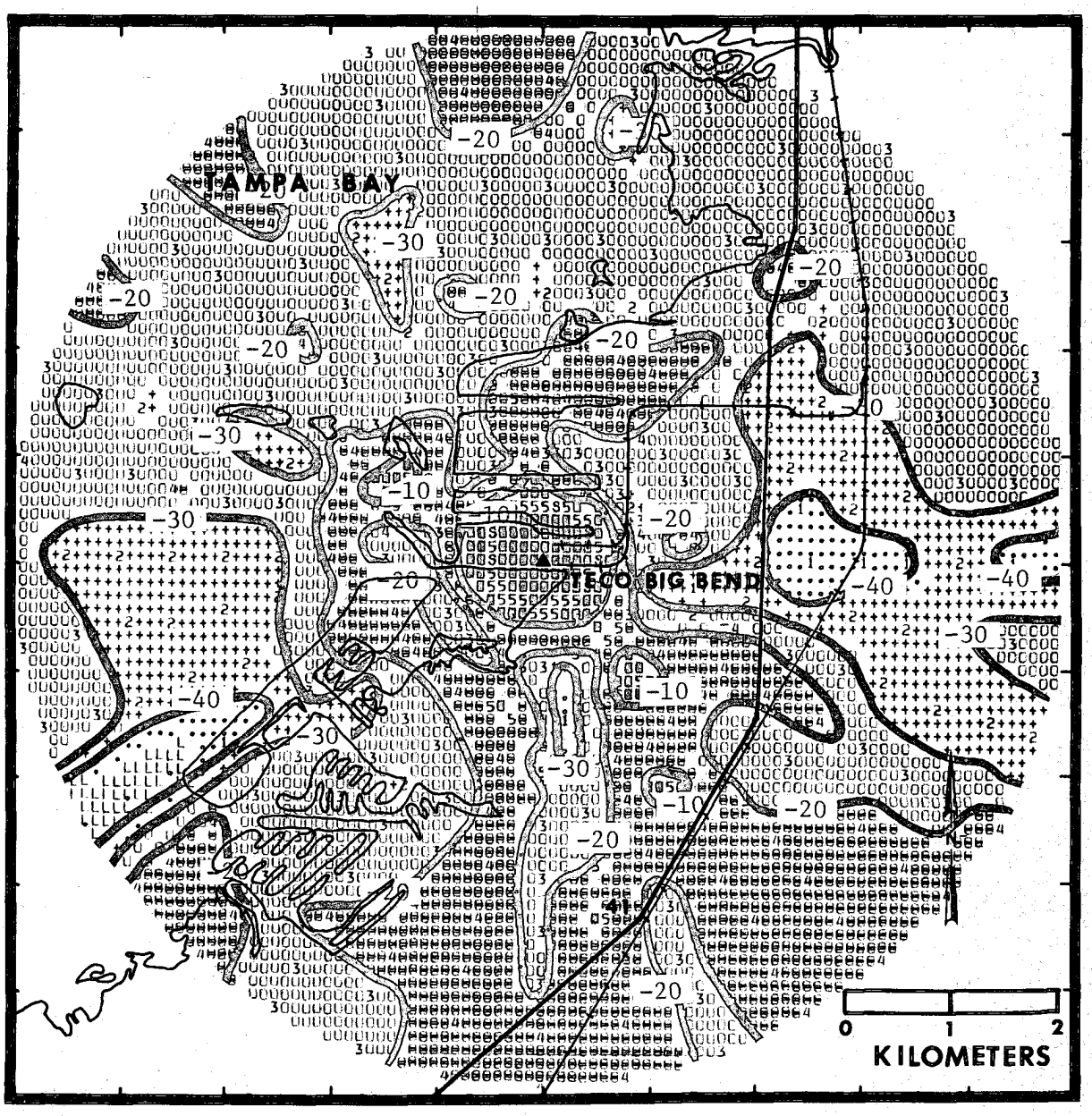

FIGURE 5.3

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TECO BIG BEND ONLY
HIGHEST,SECOND-HIGHEST 24-HOUR CONCENTRATIONS, UG/CU. M
SO2 24-HR INCREMENT CONSUMPTION


DATA VALUE EXTREMES ARE        -60.50         0.0

TOTAL SUPERIMPOSED DATA POINTS IS      14.  THESE OCCUR IN   7 LOCATIONS.


ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
      ('MAXIMUM' INCLUDED IN HIGHEST LEVEL ONLY)

  MINIMUM     BELOW     -50.00     -40.00     -30.00     -20.00     -10.00
  MAXIMUM    -50.00     -40.00     -30.00     -20.00     -10.00       0.0

PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL

                      20.00      20.00      20.00      20.00      20.00

FREQUENCY DISTRIBUTION OF DATA POINT VALUES IN EACH LEVEL
  LEVEL            L          1          2          3          4          5
             ==============================================================
             LLLLLLLLL  .........  +++++++++  OOOOOOOOO  ΘΘΘΘΘΘΘΘΘ  ØØØØØØØØØ
             LLLLLLLLL  .........  +++++++++  OOOOOOOOO  ΘΘΘΘΘΘΘΘΘ  ØØØØØØØØØ
  SYMBOLS    LLLLLLLLL  ....1....  ++++2++++  OOOO3OOOO  ΘΘΘΘ4ΘΘΘΘ  ØØØØ5ØØØØ
             LLLLLLLLL  .........  +++++++++  OOOOOOOOO  ΘΘΘΘΘΘΘΘΘ  ØØØØØØØØØ
             LLLLLLLLL  .........  +++++++++  OOOOOOOOO  ΘΘΘΘΘΘΘΘΘ  ØØØØØØØØØ
             ==============================================================
  FREQ.            3         12         51        149         97         48
 0.008766 MINUTES FOR HISTOGRAM
```

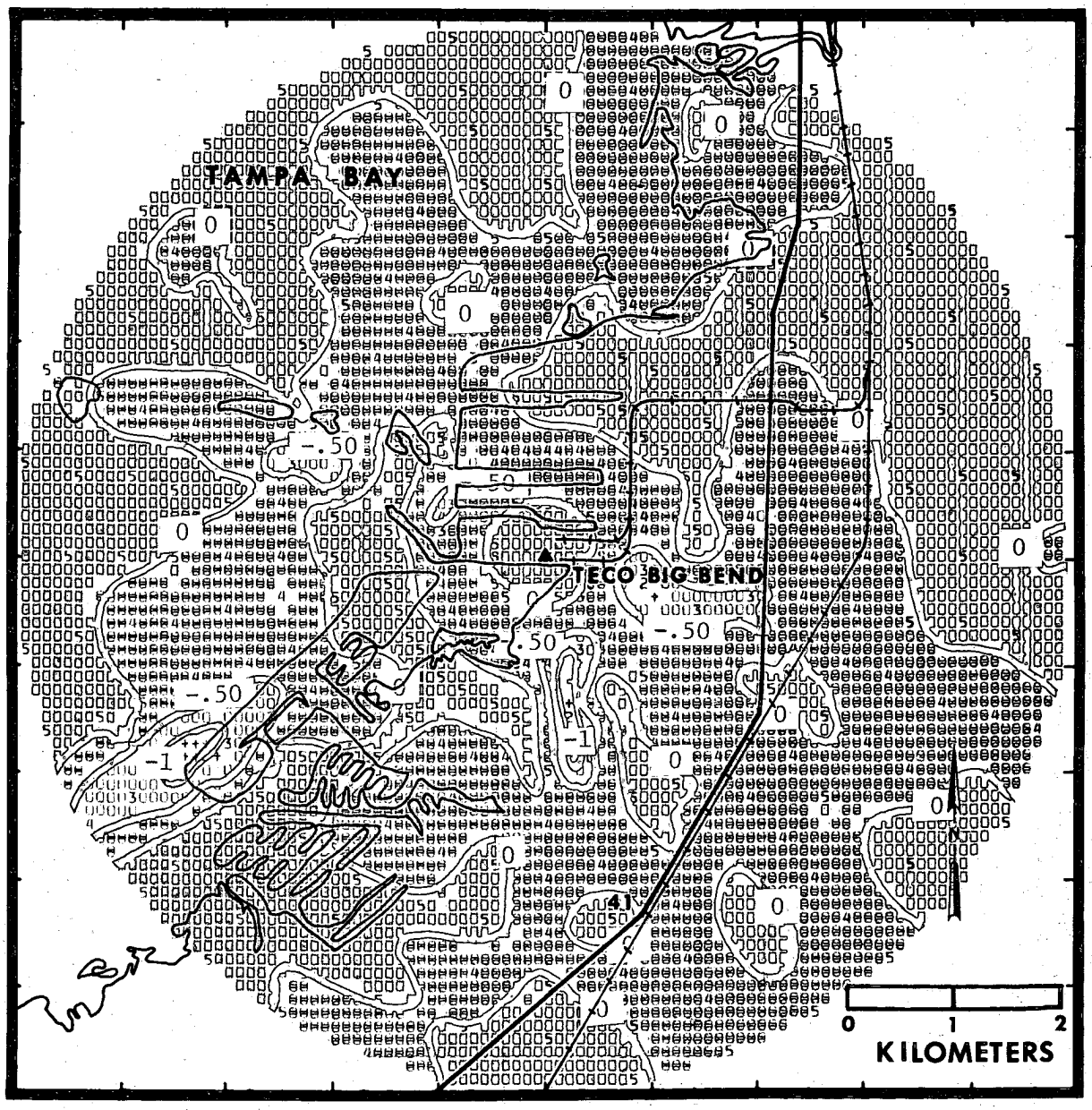

FIGURE 5.4

TECO BIG BEND ONLY

HIGHEST, SECOND-HIGHEST 24-HOUR CONCENTRATIONS, UG/CU. M

TSP 24-HR INCREMENT CONSUMPTION

DATA VALUE EXTREMES ARE -1.80 0.30

TOTAL SUPERIMPOSED DATA POINTS IS 14. THESE OCCUR IN 7 LOCATIONS.

ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
('MAXIMUM' INCLUDED IN HIGHEST LEVEL ONLY)

MINIMUM	-2.00	-1.50	-1.00	-0.50	0.0
MAXIMUM	-1.50	-1.00	-0.50	0.0	0.50

PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL

20.00 20.00 20.00 20.00 20.00

FREQUENCY DISTRIBUTION OF DATA POINT VALUES IN EACH LEVEL

LEVEL	1	2	3	4	5
SYMBOLS	....1....	+++++++++ +++++++++ ++++2++++ +++++++++ +++++++++	000000000 000000000 000030000 000000000 000000000	000000000 000000000 000340000 000000000 000000000	000000000 000000000 000090000 000000000 000000000
FREQ.	1	4	16	126	213

0.003249 MINUTES FOR HISTOGRAM

Table 5.1. FDER Prevention of Significant Deterioration Maximum Increment Consumption (ug/m^3), TECO Big Bend Site.

Case	Averaging Time				
	Annual*		24-Hour†		3-Hour†
	SO_2	TSP	SO_2	TSP	SO_2
Big Bend Units 1-4 Only	0.0	0.0	-4.4	0.3	67.7
With All Interacting Sources					
Projected	8.0	34.3	20.3	3.7	824.1
Baseline	21.0	10.0	24.7	0.0	756.4
Increment Consumption	-13.1	24.3**	-4.4	3.7	67.7
EPA Allowable Class II Increment	20	19	91	37	512

* Annual includes all sources within a 50-kilometer radius.

† Short-term includes all sources within a 15-kilometer radius plus other major sources.

** Modeling violation only (see discussion)

Note: Minus values indicate air quality improvement.

Source: Environmental Science and Engineering, Inc., 1979.

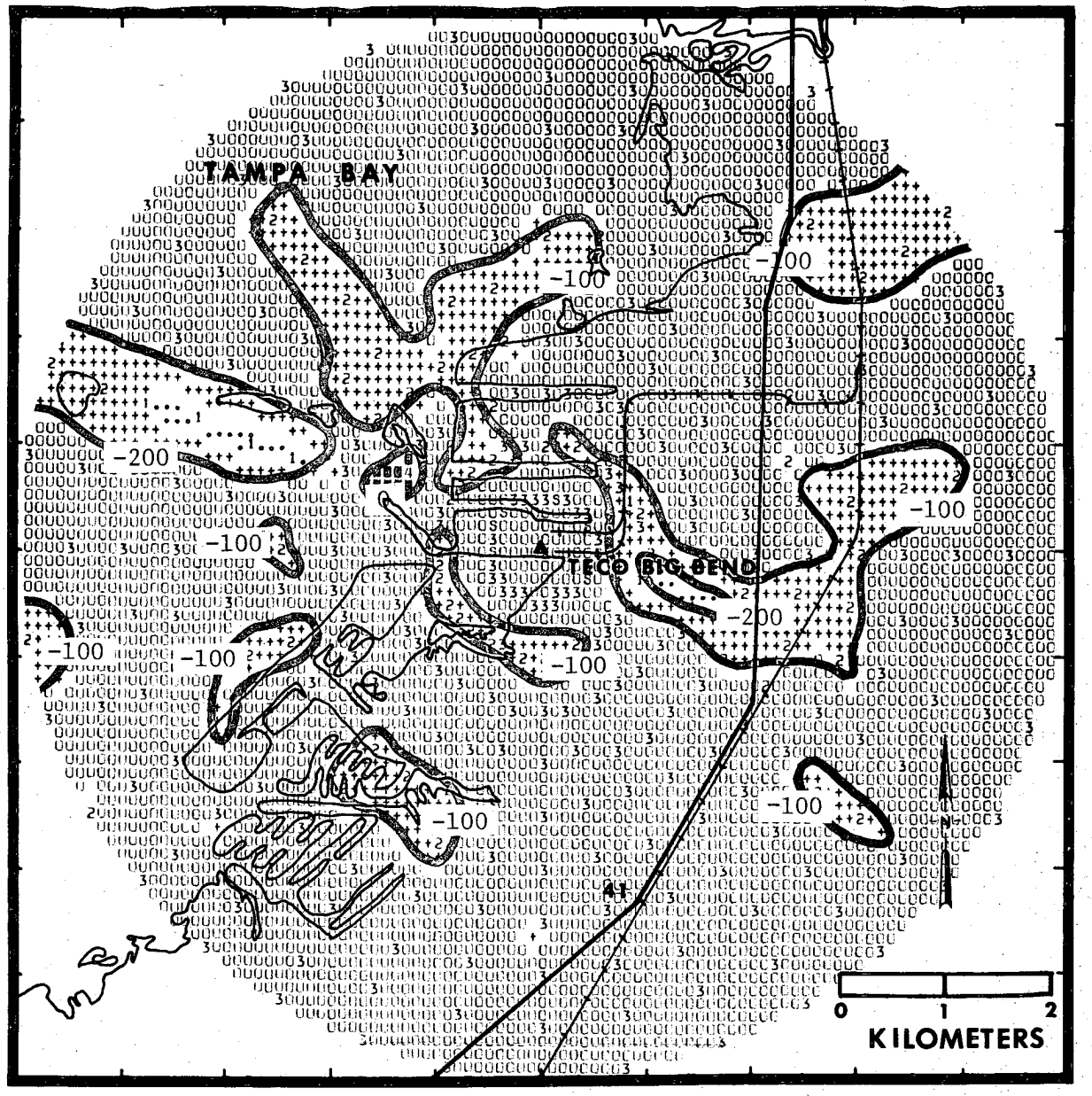

FIGURE 5.5

TECO BIG BEND ONLY

HIGHEST, SECOND-HIGHEST 3-HOUR CONCENTRATIONS, UG/CU. M

SO2 3-HR INCREMENT CONSUMPTION

DATA VALUE EXTREMES ARE -290.90 67.70

TOTAL SUPERIMPOSED DATA POINTS IS 14. THESE OCCUR IN 7 LOCATIONS.

ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
('MAXIMUM' INCLUDED IN HIGHEST LEVEL ONLY)

MINIMUM	-300.00	-200.00	-100.00	0.0
MAXIMUM	-200.00	-100.00	0.0	100.00

PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL

25.00 25.00 25.00 25.00

FREQUENCY DISTRIBUTION OF DATA POINT VALUES IN EACH LEVEL

LEVEL	1	2	3	4
SYMBOLS	.....	+++++++++	00000000	@@@@@@@@
	.....	+++++++++	00000000	@@@@@@@@
	....1....	++++2++++	00003000	@@@@4@@@@
	.....	+++++++++	00000000	@@@@@@@@
	.....	+++++++++	00000000	@@@@@@@@
FREQ.	9	71	278	2

0.001784 MINUTES FOR HISTOGRAM

To determine maximum 24-hour TSP increment consumption, Big Bend was aligned with major TSP sources in the area (e.g., Agrico). Worst-case interaction was with Agrico (winds directed from Agrico towards Big Bend), and resulted in a maximum TSP increment consumption of 3.7 ug/m^3. Big Bend's contribution to this consumption was 0.0 ug/m^3.

5.1.4 EPA Annual Increment Consumption

The annual sulfur dioxide and TSP spatial increment consumptions at Big Bend are shown in Figures 5.6 and 5.7. Figure 5.6 shows a sulfur dioxide air quality improvement at all site receptors. Figure 5.7 displays generally small increment consumption except for a small area surrounding the Agrico Chemical facility. Maximum increment consumption is 26.6 ug/m^3 and occurs due to the modeling of Agrico at their allowable emission rates, as discussed in Section 5.1.2. If Agrico were modeled at their actual emissions, TSP increment consumption would be on the order of 2 ug/m^3.

5.1.5 EPA Short-Term Increment Consumption

The short-term increment consumption analysis was performed in accordance with the FDER rules and guidelines, since the EPA baseline emissions were also determined to be the allowable rates for Big Bend. On August 7, 1977, the EPA baseline date, the allowable emissions were a 35 ton-per-hour, 3-hour cap and a 32 ton-per-hour, 24-hour cap for all units (see Appendix F). These emission rates are consistent with the 1974 FDER baseline. The visual displays of short-term increment consumption for EPA are identical to those for FDER, and are presented in Figures 5.3, 5.4, and 5.5. A summary of all Class II PSD results for EPA is included in Table 5.2.

5.1.6 Class I Impacts

The Class I area nearest to Big Bend is the Chassahowitzka Wilderness area, located 92 kilmoteters to the north. The impacts of the proposed

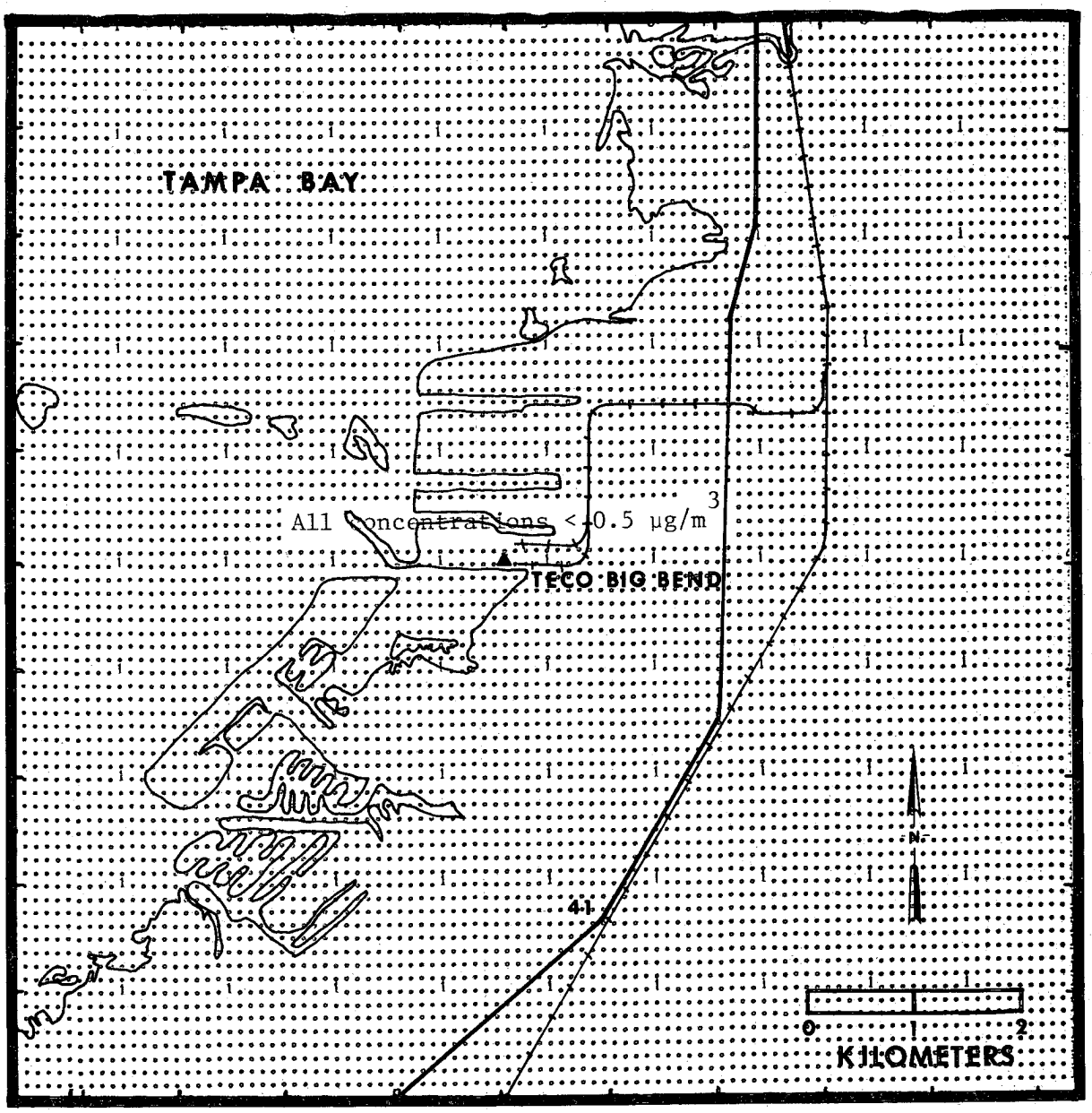

FIGURE 5.6

TECO BIG BEND 4 PSD

ANNUAL AVERAGED CONCENTRATIONS (UG/CU. M)

EPA PSD INCREMENT CONSUMPTION---SO2---BIG BEND SITE

DATA VALUE EXTREMES ARE =4.60 =0.10

ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
('MAXIMUM' INCLUDED IN HIGHEST LEVEL ONLY)

MINIMUM	=5.00	0.0
MAXIMUM	0.0	5.00

PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL

50.00 50.00

FREQUENCY DISTRIBUTION OF DATA POINT VALUES IN EACH LEVEL

LEVEL	1	2
SYMBOLS	.....	.....
FREQ.	121	0

0.005333 MINUTES FOR HISTOGRAM

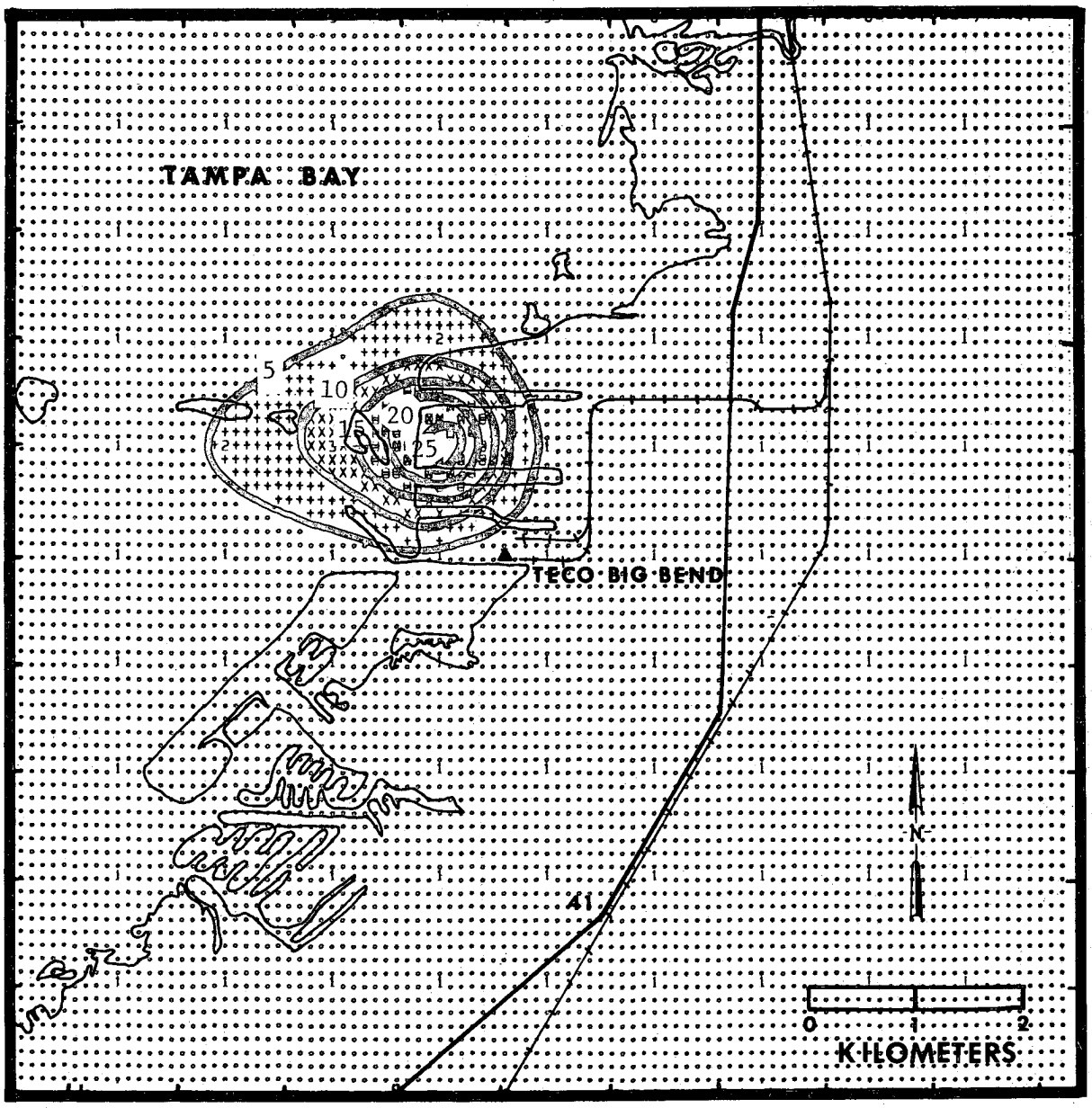

FIGURE 5.7

TECO BIG BEND # PSD

ANNUAL AVERAGED CONCENTRATIONS (UG/CU. M)

EPA PROJECTED CONCENTRATIONS DUE TO NEW AND MODIFIED SOURCES--TSP--BIG B

DATA VALUE EXTREMES ARE 1.20 26.70

ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
('MAXIMUM' INCLUDED IN HIGHEST LEVEL ONLY)

MINIMUM	0.0	5.00	10.00	15.00	20.00	25.00
MAXIMUM	5.00	10.00	15.00	20.00	25.00	30.00

PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL

	16.67	16.67	16.67	16.67	16.67	16.67

FREQUENCY DISTRIBUTION OF DATA POINT VALUES IN EACH LEVEL

LEVEL	1	2	3	4	5	6
SYMBOLS	.	+	X	#	*	@
	1	2	3	4	5	6
FREQ.	117	2	1	0	0	1

0.029206 MINUTES FOR HISTOGRAM

Table 5.2. EPA Prevention of Significant Deterioration Maximum Increment Consumption (ug/m^3), TECO Big Bend Site.

Case	Averaging Time				
	Annual*		24-Hour†		3-Hour†
	SO_2	TSP	SO_2	TSP	SO_2
Big Bend Units 1-4 Only	0.0	0.0	-4.4	0.3	67.7
With All Interacting Sources	-0.1	26.6**	-4.4	3.7	67.7
EPA Allowable Class II Increment	20	19	91	37	512

* Annual includes all sources within a 50-kilometer radius.

† Short-term includes all sources within a 15-kilometer radius plus other major sources.

** Modeling violation only (see discussion)

Note: Minus values indicate air quality improvement.

Source: Environmental Science and Engineering, Inc., 1979.

Big Bend Unit 4 operation upon the Pinellas County nonattainment area, located 52 kilometers to the northeast, are presented in Table 5-3 and Section 5.3. These predicted sulfur dioxide impacts are below the significance of impact levels, which for sulfur dioxide short-term averaging times are identical to the Class I PSD increments. Therefore, it is expected that such impacts at a distance of 92 kilometers away will be much less the allowable Class I increments.

5.2 AMBIENT AIR QUALITY STANDARDS

5.2.1 Compliance of Annual Averaged Values With AAQS

The EPA and FDER analysis to determine compliance with AAQS utilized all sources within approximately a 50-kilometer radius, including all sources in Pinellas, Manatee, Pasco, and Hillsborough Counties. Maximum allowable emission rates were used for all sources. Figures 5.8 and 5.9 portray the projected sulfur dioxide and TSP annual air quality levels, respectively, at the Big Bend site with all interacting sources. The TSP values shown include the annual average background level of 35 ug/m^3.

The maximum annual sulfur dioxide concentration (18.5 ug/m^3) occurred towards downtown Tampa (see the northwest corner of the site map, Figure 5.8). The State of Florida sulfur dioxide annual AAQS is 60 ug/m^3. The effect of Agrico Chemical's allowable emission rate on the TSP air quality at the site is to create an isolated TSP maximum of 69.2 ug/m^3, with a background of 35 ug/m^3, and to create an annual violation of AAQS at this point (AAQS is 60 ug/m^3). The Big Bend plant (all four units operating) contributes 0.0 ug/m^3 to TSP concentrations at that particular receptor.

5.2.2 Short-Term Compliance With AAQS

The projected 24-hour sulfur dioxide air quality at the site due only to the Big Bend facility with Unit 4 operating is shown in Figure 5.10. The maximum 24-hour concentration is 145 ug/m^3. (Note that slight

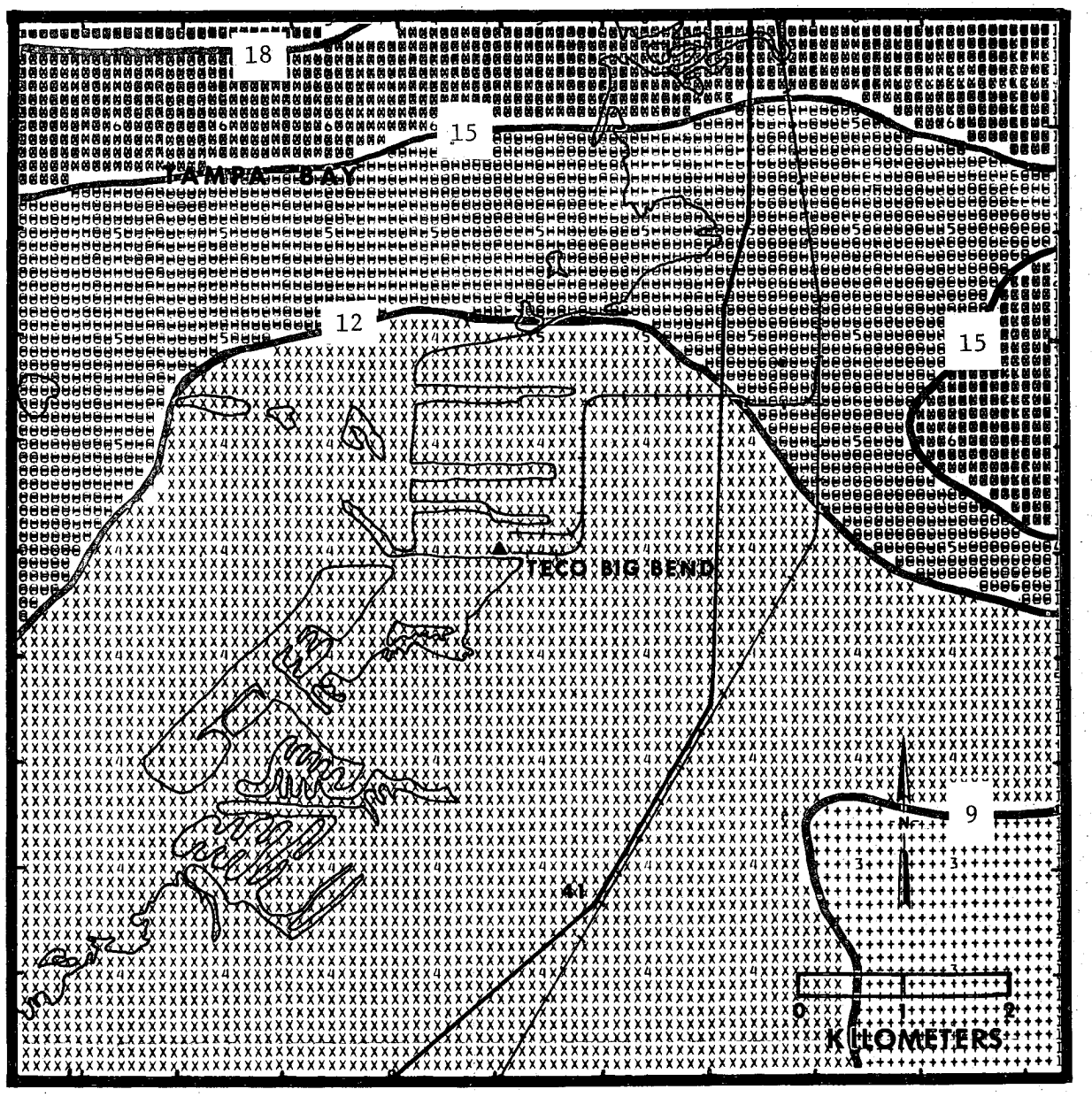

FIGURE 5.8

TECO BIG BEND 4 PSD

ANNUAL AVERAGED CONCENTRATIONS (UG/CU. M)

DER SO2 PROJECTED--- ALL SOURCES--BIG BEND SITE

DATA VALUE EXTREMES ARE 8.30 18.50

ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
('MAXIMUM' INCLUDED IN HIGHEST LEVEL ONLY)

MINIMUM	0.0	3.00	6.00	9.00	12.00	15.00	18.00
MAXIMUM	3.00	6.00	9.00	12.00	15.00	18.00	21.00

PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL

	14.29	14.29	14.29	14.29	14.29	14.29	14.29

FREQUENCY DISTRIBUTION OF DATA POINT VALUES IN EACH LEVEL

LEVEL	1	2	3	4	5	6	7
SYMBOLS	.	1	2	3	4	5	6	7
FREQ.	0	0	7	63	27	19	5

0.017451 MINUTES FOR HISTOGRAM

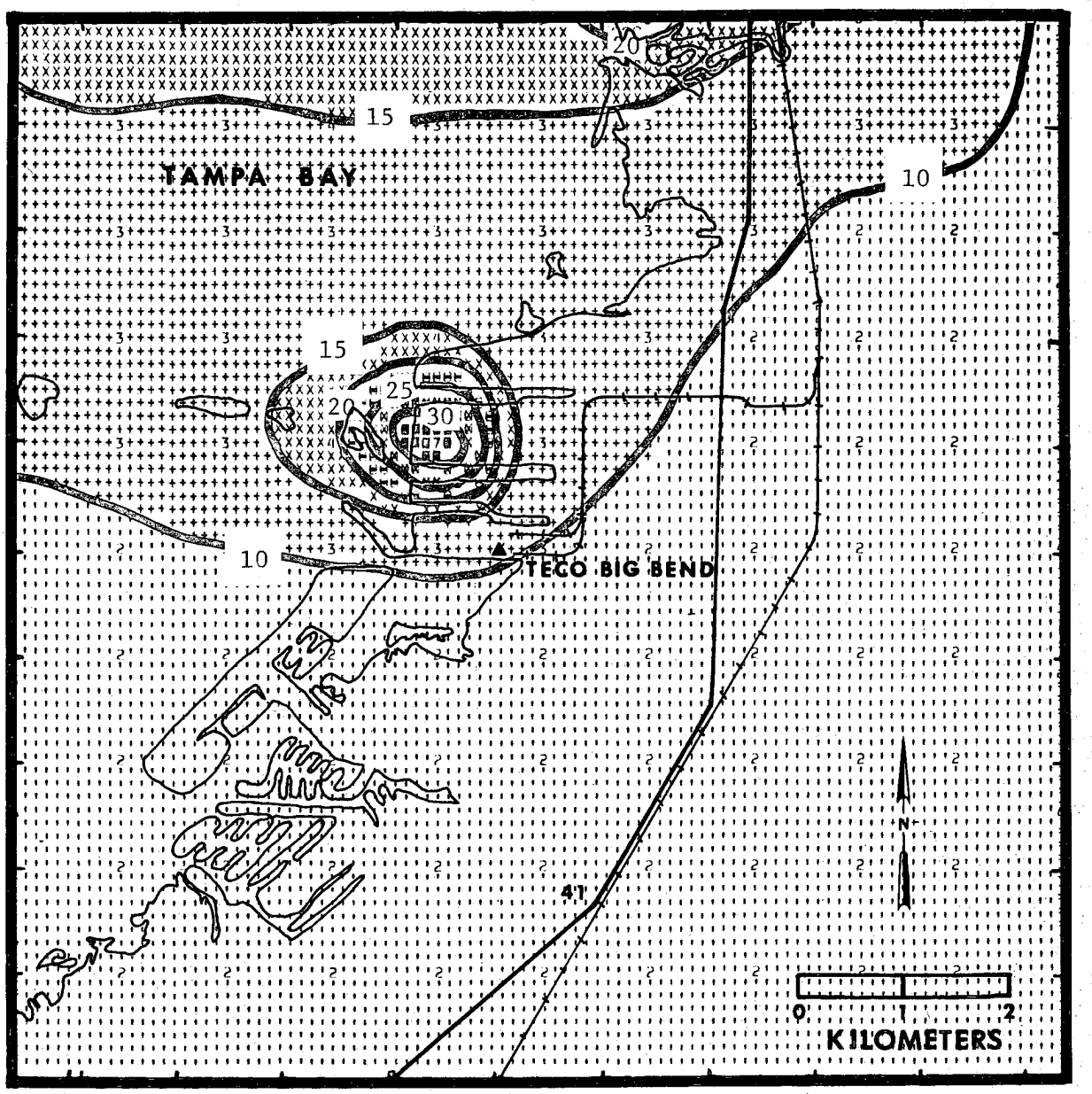

FIGURE 5.9

TECO BIG BEND 4 PSD

ANNUAL AVERAGED CONCENTRATIONS (UG/CU. M)

DER TSP PROJECTED--- ALL SOURCES--BIG BEND SITE

DATA VALUE EXTREMES ARE 5.30 34.30

ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
('MAXIMUM' INCLUDED IN HIGHEST LEVEL ONLY)

MINIMUM	0.0	5.00	10.00	15.00	20.00	25.00	30.00
MAXIMUM	5.00	10.00	15.00	20.00	25.00	30.00	35.00

PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL

14.29 14.29 14.29 14.29 14.29 14.29 14.29

FREQUENCY DISTRIBUTION OF DATA POINT VALUES IN EACH LEVEL

LEVEL	1	2	3	4	5	6	7
SYMBOLS	1	2	3	4	5	6	7
FREQ.	0	75	34	9	2	0	1

0.002644 MINUTES FOR HISTOGRAM

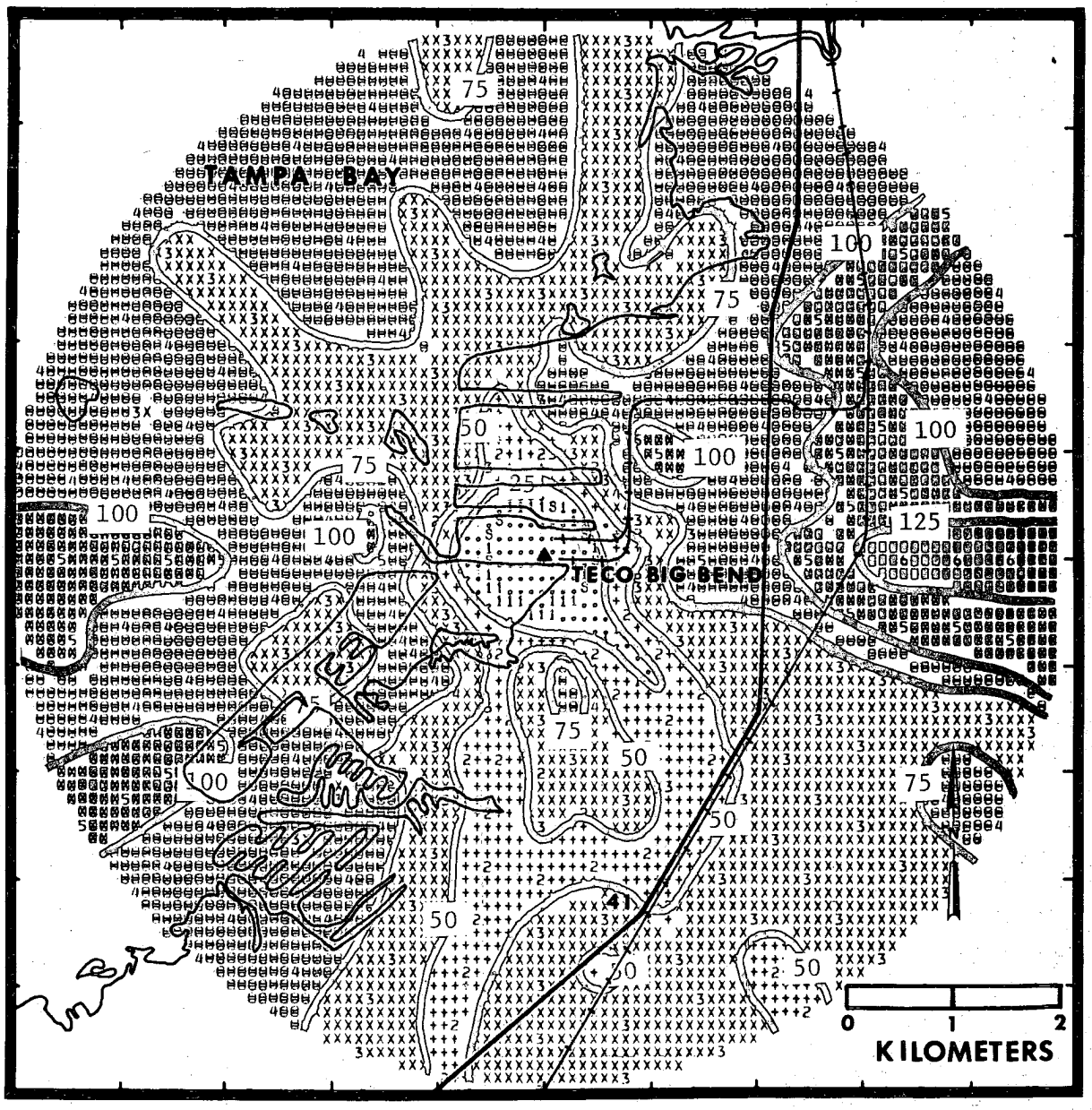

FIGURE 5.10

TECO BIG BEND ONLY

HIGHEST,SECOND-HIGHEST 24-HOUR CONCENTRATIONS, UG/CU. M

SO2 24-HOUR COMPOSITE PROJECTED CONCENTRATIONS--ALL CASES

DATA VALUE EXTREMES ARE 0.0 146.30

TOTAL SUPERIMPOSED DATA POINTS IS 14. THESE OCCUR IN 7 LOCATIONS.

ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
('MAXIMUM' INCLUDED IN HIGHEST LEVEL ONLY)

MINIMUM	0.0	25.00	50.00	75.00	100.00	125.00
MAXIMUM	25.00	50.00	75.00	100.00	125.00	150.00

PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL

	16.67	16.67	16.67	16.67	16.67	16.67

FREQUENCY DISTRIBUTION OF DATA POINT VALUES IN EACH LEVEL

LEVEL	1	2	3	4	5	6
SYMBOLS	.	+	X	0	0	0
	.	+	X	0	0	0
	.	+	X	0	0	0
	.	+	X	0	0	0
	.	+	X	0	0	0
FREQ.	40	37	120	125	34	4

0.006899 MINUTES FOR HISTOGRAM

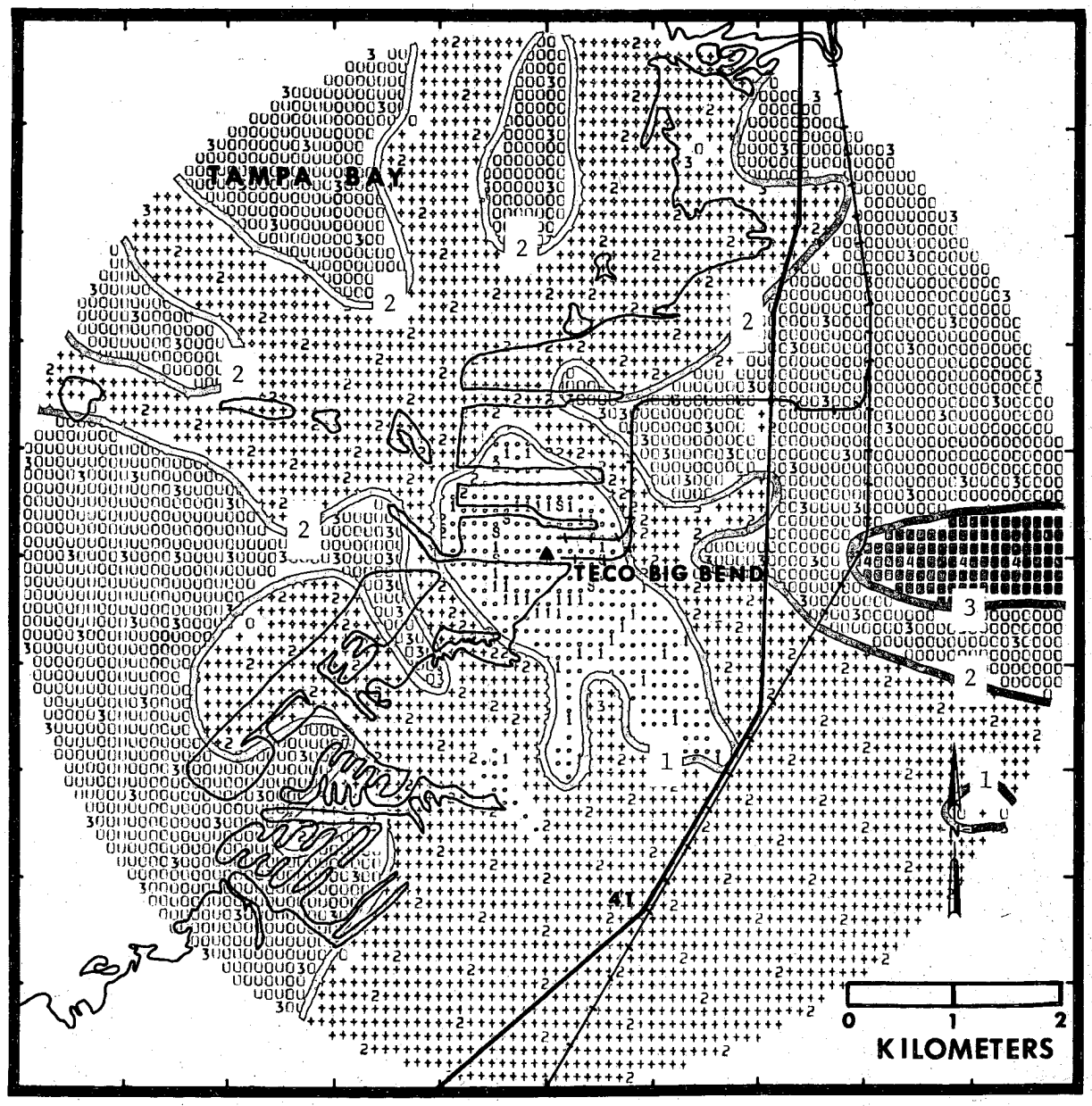

FIGURE 5.11

TECO BIG BEND ONLY

HIGHEST,SECOND-HIGHEST 24-HOUR CONCENTRATIONS, UG/CU. M

TSP 24-HOUR COMPOSITE PROJECTED CONCENTRATIONS--ALL CASES

DATA VALUE EXTREMES ARE 0.0 3.60

TOTAL SUPERIMPOSED DATA POINTS IS 14. THESE OCCUR IN 7 LOCATIONS.

ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
('MAXIMUM' INCLUDED IN HIGHEST LEVEL ONLY)

MINIMUM	0.0	1.00	2.00	3.00
MAXIMUM	1.00	2.00	3.00	4.00

PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL

25.00 25.00 25.00 25.00

FREQUENCY DISTRIBUTION OF DATA POINT VALUES IN EACH LEVEL

LEVEL	1	2	3	4
SYMBOLS	....1....	+++++++++ +++++++++ ++++2++++ +++++++++ +++++++++	000000000 000000000 00003000 000000000 000000000	□□□□□□□□□ □□□□□□□□□ □□□□40□□□ □□□□□□□□□ □□□□□□□□□
FREQ.	56	176	123	5

0.002414 MINUTES FOR HISTOGRAM

decrepancies may exist between short-term concentrations presented in the text and presented on the SYMAP figures due to refinement using the PTMTPW model.) The 24-hour AAQS is 260 ug/m^3. The maximum 24-hour interaction concentration, considering all sources in the vicinity of Big Bend, is 82 ug/m^3. The addition of all other sources near Big Bend does not fully compensate for the loss of Big Bend's critical worst day or wind direction. This maximum interaction occurred with winds directed from FP&L Manatee.

The 24-hour TSP concentrations due to Big Bend only are shown spatially in Figure 5.11. The maximum TSP concentration is 3.7 ug/m^3, which is below the significance of impact level of 5 ug/m^3. Since the purpose of this report was not to analyze the air quality impact of the nearby Agrico facility, maximum short-term impacts of Agrico with Big Bend contributing were not determined. However, Big Bend's contribution to the Agrico site is less than 1.0 ug/m^3, 24-hour maximum. Source interactions were determined for TSP for winds directed towards Big Bend from FP&L Manatee, Agrico, and other major particulate matter sources. The resulting maximum was 128.1 ug/m^3, with winds directed from FP&L Manatee. This value includes the 55 ug/m^3 background concentration. Big Bend's contribution is 0 ug/m^3, while Agrico contributes 72 ug/m^3 to this concentration.

The 3-hour sulfur dioxide concentrations due to the Big Bend facility are shown in Figure 5.12. The maximum concentration is 1086.5 ug/m^3, which is below the 3-hour sulfur dioxide AAQS of 1300 ug/m^3. The maximum interaction 3-hour concentration is 992 ug/m^3 and occurs due to the interaction of FP&L Manatee and TECO Big Bend. All projected ambient air quality impacts, demonstrating TECO Big Bend's compliance with AAQS, are shown in Table 5.3.

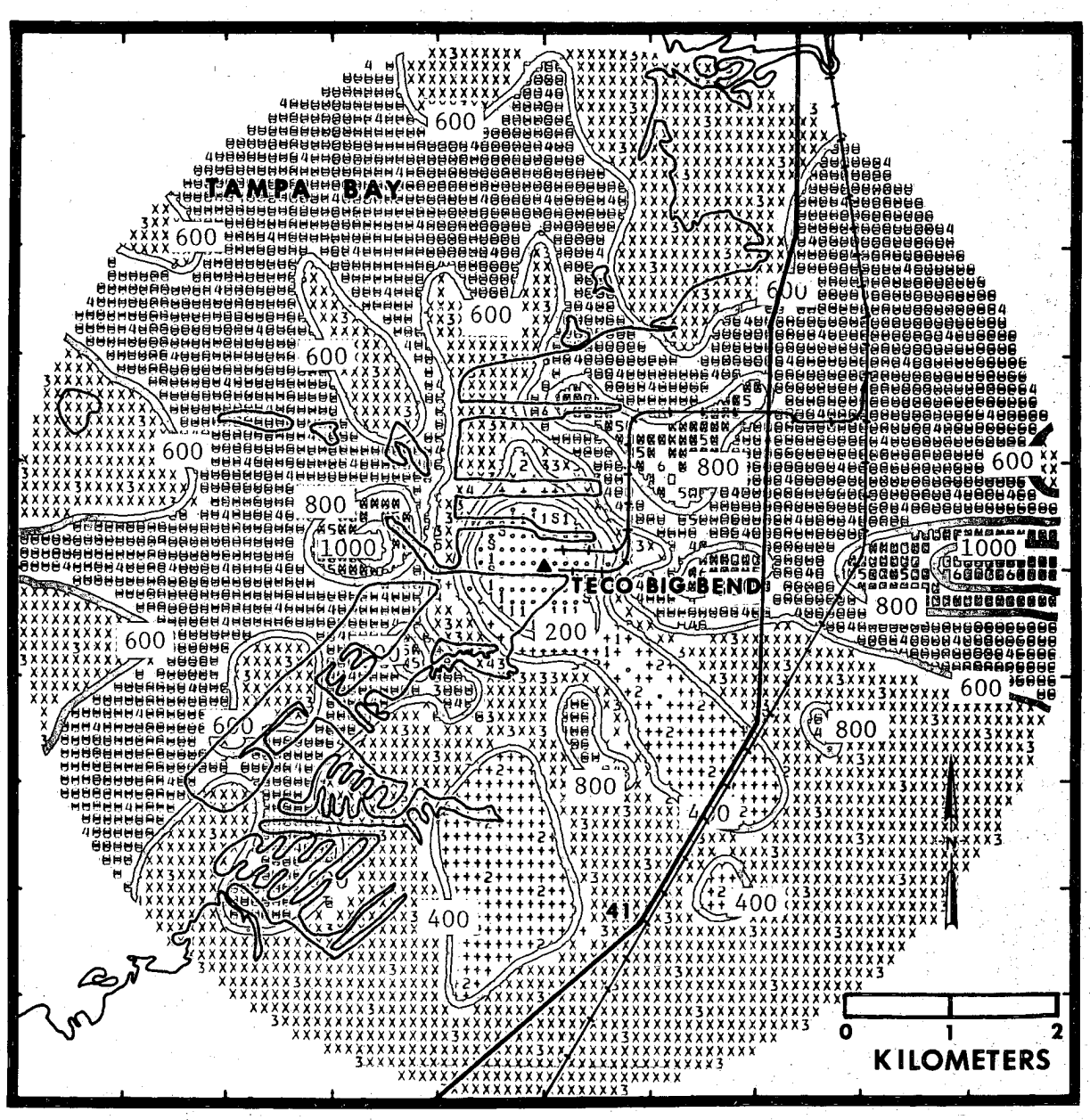

FIGURE 5.12

TECO BIG BEND ONLY

HIGHEST,SECOND-HIGHEST 3-HOUR CONCENTRATIONS, UG/CU. M

SO2 3-HOUR COMPOSITE PROJECTED CONCENTRATIONS--ALL CASES

DATA VALUE EXTREMES ARE 0.0 1086.50

TOTAL SUPERIMPOSED DATA POINTS IS 14. THESE OCCUR IN 7 LOCATIONS.

ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
('MAXIMUM' INCLUDED IN HIGHEST LEVEL ONLY)

MINIMUM	0.0	200.00	400.00	600.00	800.00	1000.00
MAXIMUM	200.00	400.00	600.00	800.00	1000.00	1200.00

PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL

16.67 16.67 16.67 16.67 16.67 16.67

FREQUENCY DISTRIBUTION OF DATA POINT VALUES IN EACH LEVEL

LEVEL	1	2	3	4	5	6
SYMBOLS	.	+	X	0	0	0
	.	+	X	0	0	0
	.	+	X	0	0	0
	.	+	X	0	0	0
	.	+	X	0	0	0
FREQ.	38	25	138	133	18	8

0.002039 MINUTES FOR HISTOGRAM

Table 5.3. Maximum Air Quality Impacts (ug/m^3), Big Bend Site with Unit 4 Operating

Case	Averaging Time				
	Annual		24-Hour†		3-Hour†
	SO_2	TSP	SO_2	TSP	SO_2
Attainment Area					
Impact					
Big Bend Unit 4 Only	1.0	<<1	34.2	0.9	163
Big Bend Units 1-4 Only	8.5	0.2	145	3.7	1,087
With All Interacting Sources	18.5	69.2**	82	128.1††	992
State of Florida AAQS	60	60	260	150	1,300
Non-Attainment Area					
Impact*					
Big Bend Unit 4 Only	<<1	<<1	4.0	0.4	17.0
Significance of Impact Levels	1	1	5	5	25

* SO_2 Impact at Pinellas County Non-Attainment Area, and TSP Impact at Hillsborough County Non-Attainment Area.

† Not to be exceeded more than once per year.

** Includes background concentration of 35 ug/m^3: modeling violation only (see discussion).

†† Includes background concentration of 55 ug/m^3.

Source: Environmental Science and Engineering, Inc., 1979.

5.3 MAXIMUM INCREMENTAL IMPACT AND NON-ATTAINMENT AREA IMPACT

Figures 5.13 and 5.14 present the sulfur dioxide and TSP annual average incremental impact for Big Bend Unit 4, operating without Unit 3 (worst-case condition since the exit velocity is significantly decreased). The maximum annual sulfur dioxide concentration is 1.0 ug/m^3 , whereas the maximum TSP concentration is much less than 1 ug/m^3.

A short-term analysis of Unit 4 only is presented in Figures 5.15, 5.16, and 5.17. Figure 5.15 shows the maximum 24-hour sulfur dioxide concentrations from the operation of Unit 4 only, without Unit 3 operating. This maximum concentration is 34.2 ug/m^3. The maximum 24-hour impact on the Pinellas County sulfur dioxide non-attainment area is 4.0 ug/m^3, which is below the 5 ug/m^3 significance level required for emission offsets to be applicable. The 3-hour sulfur dioxide impact of Unit 4 only is provided in Figure 5.17. The maximum concentration is 163 ug/m^3. The sulfur dioxide impact for this source at the Pinellas County non-attainment area is 17.0 ug/m^3, which is below the significance level of 25 ug/m^3.

The maximum 24-hour TSP concentration (see Figure 5.16) is 0.9 ug/m^3. The Big Bend source, therefore, does not significantly impact TSP levels at the Hillsborough County TSP non-attainment area, which is 5.3 kilometers north of the plant. ?

Incremental Unit 4 impacts, both at points of maximum impact and at nonattainment area boundaries, are summarized in Table 5.3.

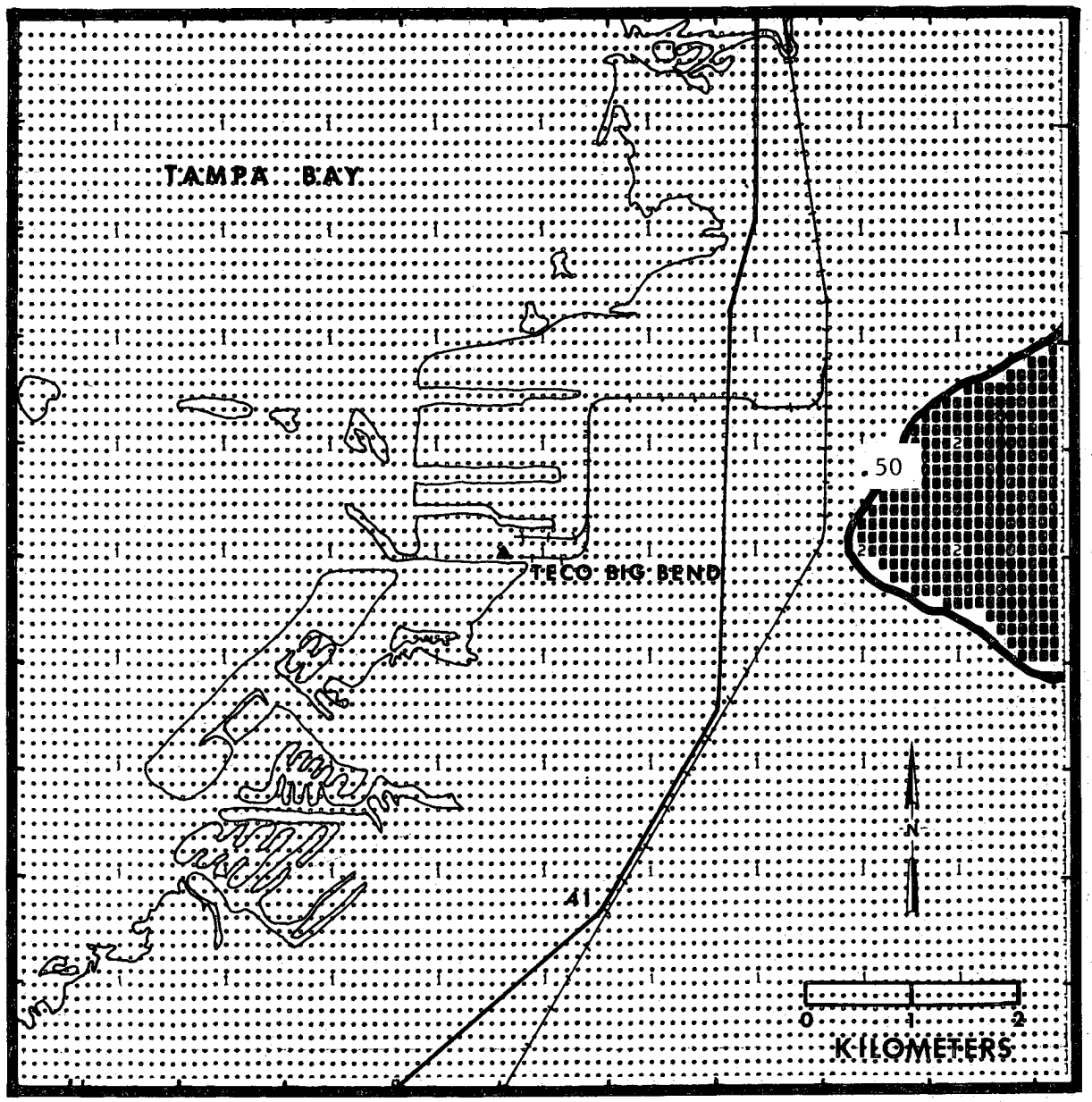

FIGURE 5.13

TECO BIG BEND 4 PSD

ANNUAL AVERAGED CONCENTRATIONS (UG/CU. M)

BIG BEND UNIT 4 ONLY--SO2

DATA VALUE EXTREMES ARE 0.0 1.00

ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
('MAXIMUM' INCLUDED IN HIGHEST LEVEL ONLY)

MINIMUM	0.0	0.50
MAXIMUM	0.50	1.00

PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL

50.00 50.00

FREQUENCY DISTRIBUTION OF DATA POINT VALUES IN EACH LEVEL

LEVEL	1	2
SYMBOLS	.....	8
	....1....	2
	.....	
	.....	
FREQ.	113	8

0.003771 MINUTES FOR HISTOGRAM

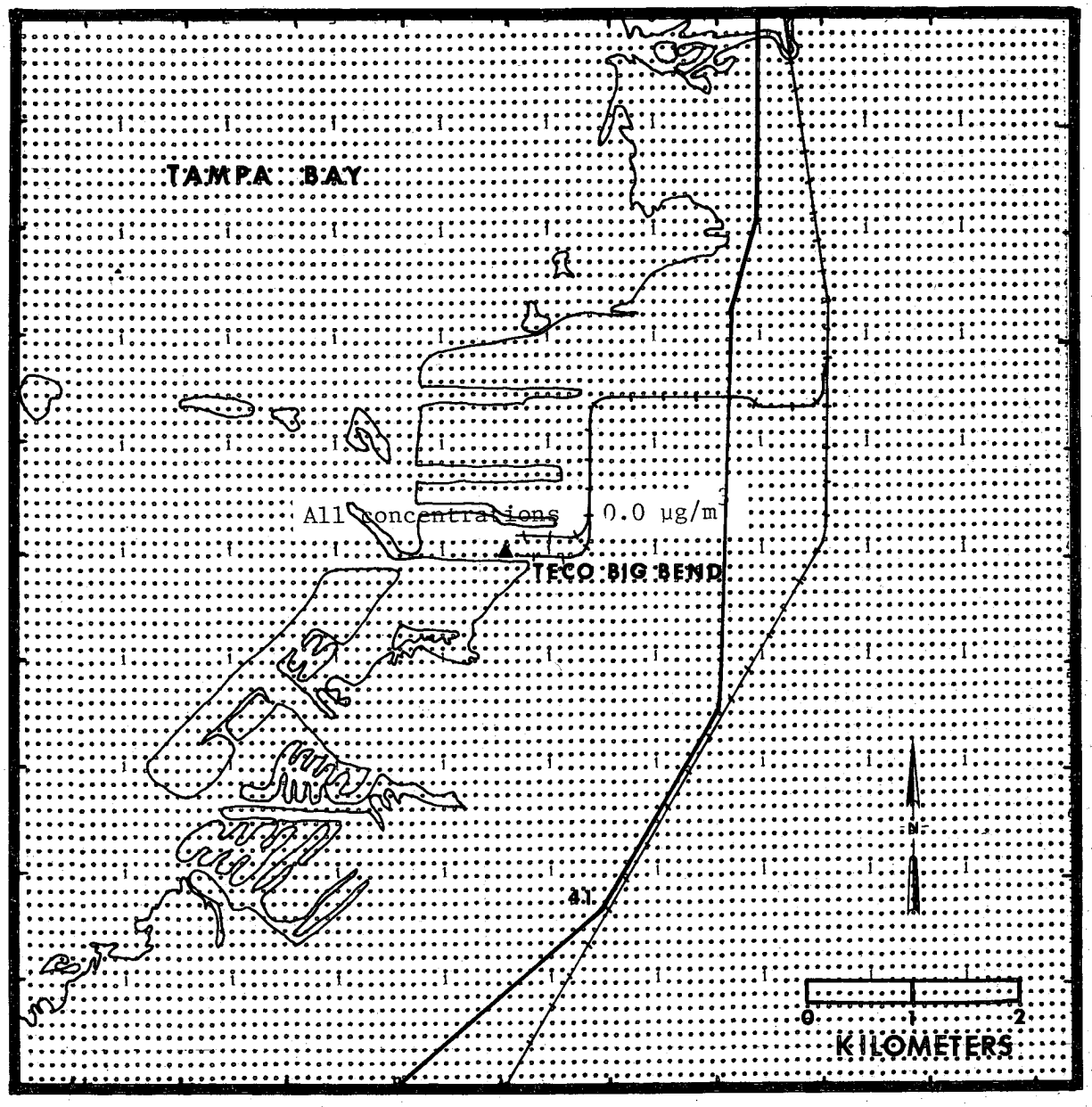

FIGURE 5.14

TECO BIG BEND 4 PSD

ANNUAL AVERAGED CONCENTRATIONS (UG/CU. M)

BIG BEND UNIT 4 ONLY--TSP

DATA VALUE EXTREMES ARE 0.0 0.0

ABSULUTE VALUE RANGE APPLYING TO EACH LEVEL
('MAXIMUM' INCLUDED IN HIGHEST LEVEL ONLY)

MINIMUM 0.0
MAXIMUM 1.00

PERCENTAGE OF TOTAL ABSULUTE VALUE RANGE APPLYING TO EACH LEVEL

100.00

FREQUENCY DISTRIBUTION OF DATA POINT VALUES IN EACH LEVEL

```
LEVEL        1
           ===========
            .........
SYMBOLS     ....I....
            .........
           ===========
FREQ.        121
```

0.002311 MINUTES FOR HISTOGRAM

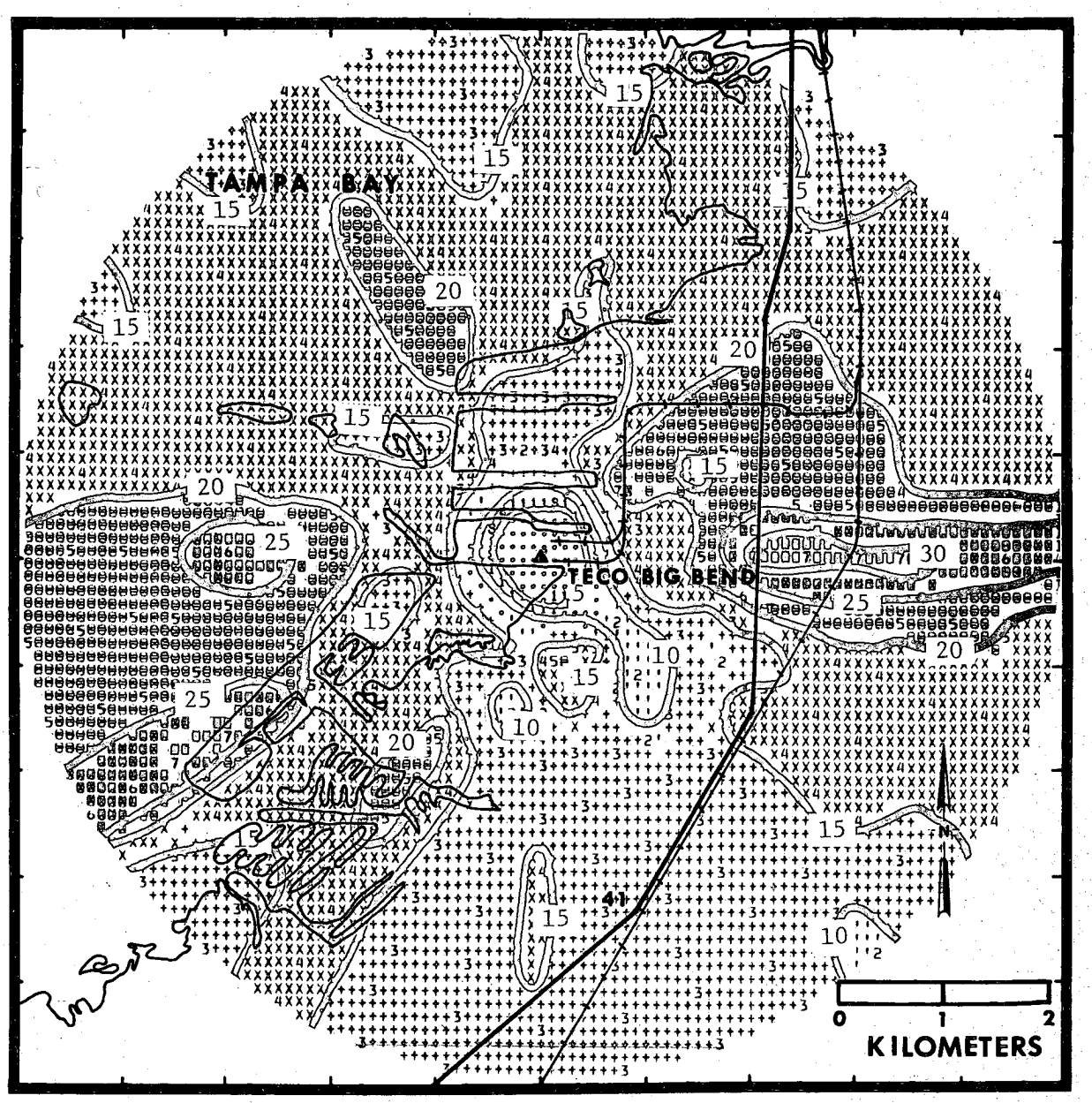

FIGURE 5.15

TECO BIG BEND ONLY

HIGHEST,SECOND-HIGHEST 24-HOUR CONCENTRATIONS, UG/CU. M

SO2 24-HOUR PROJECTED CONCENTRATIONS--UNIT 4 ONLY

DATA VALUE EXTREMES ARE 0.0 34.10

TOTAL SUPERIMPOSED DATA POINTS IS 14. THESE OCCUR IN 7 LOCATIONS.

ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
('MAXIMUM' INCLUDED IN HIGHEST LEVEL ONLY)

MINIMUM	0.0	5.00	10.00	15.00	20.00	25.00	30.00
MAXIMUM	5.00	10.00	15.00	20.00	25.00	30.00	35.00

PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL

	14.29	14.29	14.29	14.29	14.29	14.29	14.29

FREQUENCY DISTRIBUTION OF DATA POINT VALUES IN EACH LEVEL

LEVEL	1	2	3	4	5	6	7
SYMBOLS	1	2	3	4	5	6	7
FREQ.	37	11	93	150	50	12	7

0.002246 MINUTES FOR HISTOGRAM

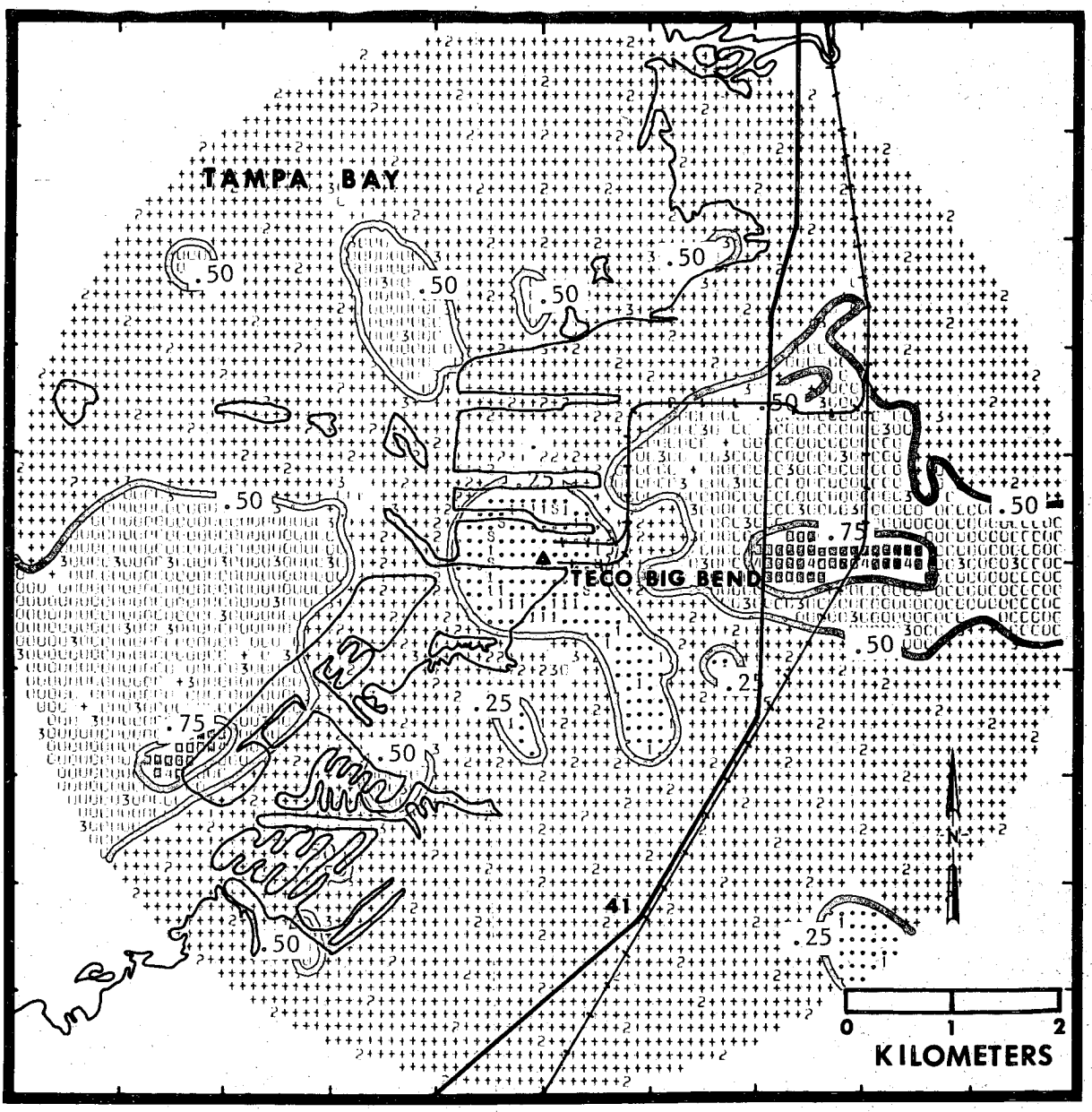

FIGURE 5.16

TECO BIG BEND ONLY

HIGHEST,SECOND-HIGHEST 24-HOUR CONCENTRATIONS, UG/CU. M

TSP 24-HOUR PROJECTED CONCENTRATIONS--UNIT 4 ONLY

DATA VALUE EXTREMES ARE 0.0 0.90

TOTAL SUPERIMPOSED DATA POINTS IS 14. THESE OCCUR IN 7 LOCATIONS.

ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
('MAXIMUM' INCLUDED IN HIGHEST LEVEL ONLY)

MINIMUM	0.0	0.25	0.50	0.75
MAXIMUM	0.25	0.50	0.75	1.00

PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL

25.00 25.00 25.00 25.00

FREQUENCY DISTRIBUTION OF DATA POINT VALUES IN EACH LEVEL

LEVEL	1	2	3	4
SYMBOLS	.....	+++++++++	000000000	▯▯▯▯▯▯▯▯▯
	.....	+++++++++	000000000	▯▯▯▯▯▯▯▯▯
	....1....	++++2++++	00003 0000	▯▯▯▯4▯▯▯▯
	.....	+++++++++	000000000	▯▯▯▯▯▯▯▯▯
	.....	+++++++++	000000000	▯▯▯▯▯▯▯▯▯
FREQ.	50	205	98	7

0.002983 MINUTES FOR HISTOGRAM

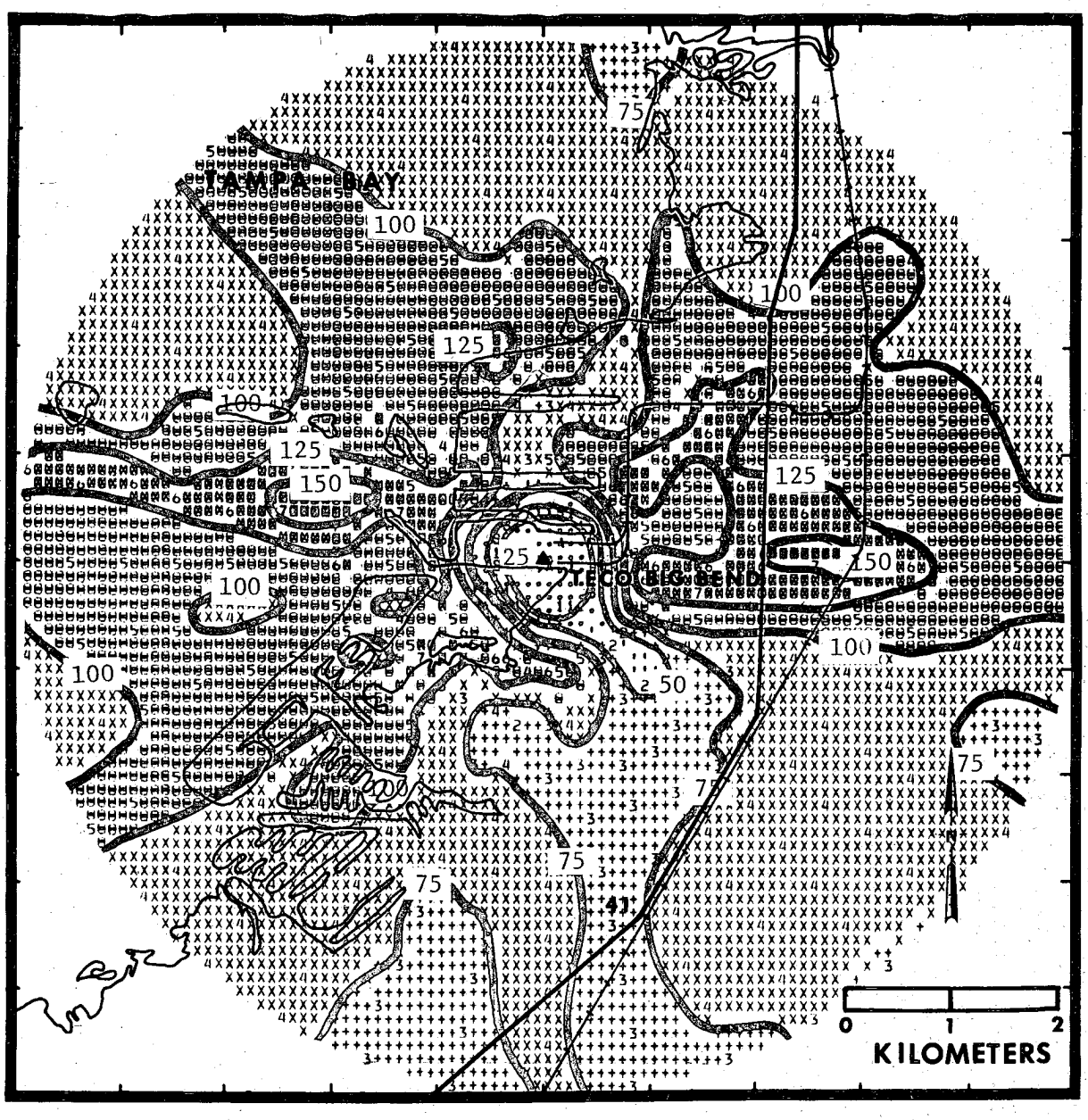

FIGURE 5.17

TECO BIG BEND ONLY

HIGHEST,SECOND-HIGHEST 3-HOUR CONCENTRATIONS, UG/CU. M

SO2 3-HOUR PROJECTED CONCENTRATIONS--UNIT 4 ONLY

DATA VALUE EXTREMES ARE 0.0 160.60

TOTAL SUPERIMPOSED DATA POINTS IS 14. THESE OCCUR IN 7 LOCATIONS.

ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
('MAXIMUM' INCLUDED IN HIGHEST LEVEL ONLY)

MINIMUM	0.0	25.00	50.00	75.00	100.00	125.00	150.00
MAXIMUM	25.00	50.00	75.00	100.00	125.00	150.00	175.00

PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL

	14.29	14.29	14.29	14.29	14.29	14.29	14.29

FREQUENCY DISTRIBUTION OF DATA POINT VALUES IN EACH LEVEL

LEVEL	1	2	3	4	5	6	7
SYMBOLS	.	1	2	3	4	5	6	7
FREQ.	36	5	41	130	102	39	7

0.002441 MINUTES FOR HISTOGRAM

5.4 WORST CASE METEOROLOGY

Table 5.4 summarizes the worst 24-hour and 3-hour periods that resulted from execution of the CRSTER model. A printout of the meteorological data referred to in this table is included in Appendix H. The PTMTPW computer model was used in conjunction with these worst days both to refine the CRSTER results and to provide maximum interaction-caused concentrations and PSD increments with other sources in the vicinity of Big Bend.

The following PTMTPW's were executed for the purpose of resolving CRSTER results:

1. Maximum impact of Big Bend Unit 4 only (24-hour SO_2 and TSP and 3-hour SO_2 concentrations);
2. Maximum 3-hour SO_2 impact of Big Bend Unit 4 only at the Pinellas County non-attainment area;
3. Maximum impact of Big Bend Units 1-4 (24-hour SO_2 and TSP and 3-hour SO_2 concentrations).

The following PTMTPW's were executed for the purpose of determining interaction-caused maximum concentrations and PSD increments:

4. Maximum 24-hour SO_2 and TSP and 3-hour SO_2 PSD Class II increment consumption, Big Bend Units 1-4 with all interacting units;
5. Maximum air quality impact with interacting sources (24-hour SO_2 and TSP and 3-hour SO_2).

Table 5.4. Worst Days/Periods Utilized in PTMTPW Computer Model

Regulations	Worst Day/Year (Period)	Critical Direction (Degrees)	Downwind Distances (KM)	Comments
AAQS (incremental)	220/71	90	2.3-2.7	SO_2 + TSP 24-hour max. impact—Big Bend Unit 4 only—100% load
AAQS (incremental)	158/73(4)	280	1.8-2.2	SO_2 3-hour max. impact—Big Bend Unit 4 only—100% load
AAQS, PSD (incremental)	328/71(4)	320	At border	SO_2 3-hour max impact—Big Bend Unit 4 only—100% load
AAQS (incremental)	207/72	90	5.3-5.7	SO_2 + TSP 24-hour max. impact—Big Bend Units 1-4,—100% load
AAQS (incremental)	249/72(4)	90	1.3-1.7	SO_2 3-hour max. impact—Big Bend Units 1-4,—100% load
PSD (interaction)	257/71	140	1.3-1.7	SO_2 + TSP 24-hour max. increment consumption with interacting sources—Big Bend Units 1-4—100% load, projected and baseline
PSD (interaction)	243/74(4)	290	1.3-1.7	SO_2 3-hour max. increment consumption with interacting sources—projected; Units 1-4—at 75% load; baseline, Units 1 & 3 at 100% load

Table 5.4. Worst Days/Periods Utilized in PTMTPW Computer Model (Continued Page 2 of 2)

Regulations	Worst Day/Year (Period)	Critical Direction (Degrees)	Downwind Distances (KM)	Comments
	164/74(4)	300	1.3-1.7	SO_2 3-hour max. increment consumption with interacting sources—Big Bend Units 1-4 at 50% load
AAQS (interaction)	238/73 (5)	180,190	0.1-2.0	SO_2 3-hour max. impact with interacting sources—Big Bend Units 1-4 at 50% load
	226/74(4)	340	0.1-2.0	SO_2 3-hour max. impact with interacting sources—Big Bend Units 1-4 at 50% load

Source: Environmental Science and Engineering, Inc., 1979.

6.0 ADDITIONAL IMPACTS

Federal PSD regulations require an "Additional Impact Analyses," including "an analysis of the impairment to visibility, soils, and vegetation that would occur as a result of the source or modification." On the preamble to these regulations, further guidance is provided related to the required analysis: "The analysis related to a source's impact on soils, vegetation and visibility should focus primarily on such impacts in Class I areas...," and "The impact assessment should generally be qualitative in nature and designed to inform the general public of the relative impact of the source on those values."

In the vicinity of the Big Bend generating station, tomatoes are a major commerical crop. Since the AAQS and the allowable Class I and Class II PSD increments are not predicted to be exceeded due to operation of the proposed new unit, the impacts of operation upon soils and vegetation are not expected to be significant. Federal Primary AAQS were promulgated in order to protect the public health, and Secondary AAQS were promulgated in order to protect the public welfare (i.e. damage to vegetation, animals, soils, visibility, structures, etc.), both with an adequate margin of safety. As part of the Florida Sulfur Oxides Study (Environmental Research and Technology, Inc., 1978), a study was conducted in Florida of the environmental effects of ambient sulfur dioxide. The study concluded that "There is not reasonable basis in the established body of scientific information for assuming that existing federal ambient air quality legislation is not sufficiently stringent to protect Florida's environment from significant stress caused by sulfur oxides." It is noted that while the U.S. EPA has rescinded it's 24-hour and annual Secondary AAQS, the State of Florida has retained these standards, providing additional margin of safety beyond that already inherent in the federal standards.

Recently promulgated Federal NSPS for fossil-fuel fired steam generators limit the opacity of emissions from the proposed Big Bend Unit 4 to 20 percent, except for one 6-minute period per hour, when emissions are

restricted to not more than 27 percent opacity (Federal Register, Vol. 44, No. 113, June 11, 1979). These opacity limits, coupled with the stringent NSPS requirements on sulfur dioxide and particulate matter emissions, will insure that impacts on and impairments to visibility will be minimal. The nearest Class I PSD area is located 92 km from Big Bend, and therefore no significant visibility impacts on such areas are expected due to operation of the proposed Big Bend Unit 4.

VOLUME 2

AIR POLLUTION CONTROL EVALUATION
BIG BEND STATION UNIT 4

P-7558

August 1979

Prepared for

Tampa Electric Company
P.O. Box 111
Tampa, Fl 33601

Prepared by

ENVIRONMENTAL RESEARCH & TECHNOLOGY, INC.
696 Virginia Road, Concord, Massachusetts 01742

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1. INTRODUCTION

This report documents the evaluation of air pollution control techniques and systems included in the design and operational procedures developed for Tampa Electric Company's (TECO) proposed coal-fired steam-electric generating unit, Big Bend Station Unit 4. This evaluation is intended to demonstrate that Unit 4 will operate in an environmentally acceptable manner and that pollutant discharges will be in compliance with applicable air quality regulations. The regulations and guidelines that govern the control of pollutant discharges from a source such as Unit 4 are the New Source Performance Standards (NSPS) for Electric Utility Steam Generating Units, the Florida State Implementation Plan (SIP) and Air Pollution Rules (APR), and the Best Available Control Technology (BACT) provisions of the Prevention of Significant Deterioration (PSD) Regulations.

The proposed Unit 4 will be fired with medium-sulfur bituminous coal and will have a net continuous rating of 425 megawatts (Mw). A combination of coal pretreatment, boiler design, and air pollution control devices will be used to ensure that operation of the proposed unit will comply with the NSPS and Florida APR. These same control systems have been evaluated by a feasibility study and cost-benefit analysis and have been judged BACT for each of the pollutants subject to the PSD Regulations. These pollutants are particulate matter (PM), sulfur dioxide (SO_2), oxides of nitrogen (NO_x), and carbon monoxide (CO).

The air pollution control techniques and systems that are incorporated in the facility design for the subject pollutant emissions are described below:

- PM will be controlled by an electrostatic precipitator (ESP) installed at the exit of the air preheater,
- SO_2 emissions will be minimized by a combination of coal washing and scrubbing using a flue gas desulfurization (FGD) system, and

- NO_x and CO formation during combustion will be inhibited by proper operation and design of the boiler and combustion air control system.

Descriptions of the Big Bend Station site, the existing Units 1 through 3, and the proposed Unit 4 are presented in Section 2. Federal and state air quality regulations and guidelines pertaining to pollutant emissions from the proposed unit are then detailed in Section 3. The air pollution control techniques and systems incorporated in the design of Unit 4 are documented in Section 4; alternative control technologies are reviewed in Section 5. Section 6 presents the cost-benefit analysis of the proposed and alternative systems considered technically feasible and capable of a higher degree of emission reduction.

2. PROJECT DESCRIPTION

TECO proposes to construct and operate a coal-fired steam-electric generating unit, hereinafter referred to as Unit 4, at its Big Bend Station site. A description of the site and existing facilities at Big Bend Station are presented in this section. Plant operating and fuel characteristics pertinent to air pollution emissions from Unit 4 are also documented.

2.1 Site Description

The Big Bend Station site is located 5 miles north of Ruskin, Hillsborough County, Florida, on the eastern shore of Hillsborough Bay. The site is approximately 10 miles south of the City of Tampa and 14 miles east of St. Petersburg, across Tampa Bay. Big Bend Road and U.S. Highway 41 abut the southern and eastern property boundaries, respectively. The site location and contiguous areas are presented in Figure 2-1.

The site comprises 1,187 acres, entirely owned by TECO, of which 800 acres are currently in use. Access to the site for materials and labor force is provided by U.S. Highway 41 and railroad spurs from the Seaboard Coast Line Railroad. Barge deliveries of both fuel and large equipment approach through a dredged ship-access channel, an extension of the Tampa Bay Channel System.

The Big Bend Station currently consists of three coal-fired steam-electric generating units having a total nameplate rating of 1,336.5 Mw. The present net continuous rating of the three units is, however, 1,062 Mw. Units 1 and 2 discharge flue gases through a 490-ft common flue stack. Unit 3 is also served by a 490-ft stack, which is designed to accommodate another unit. Units 1, 2, and 3 began commercial operation in October 1970, April 1973, and May 1976, respectively.

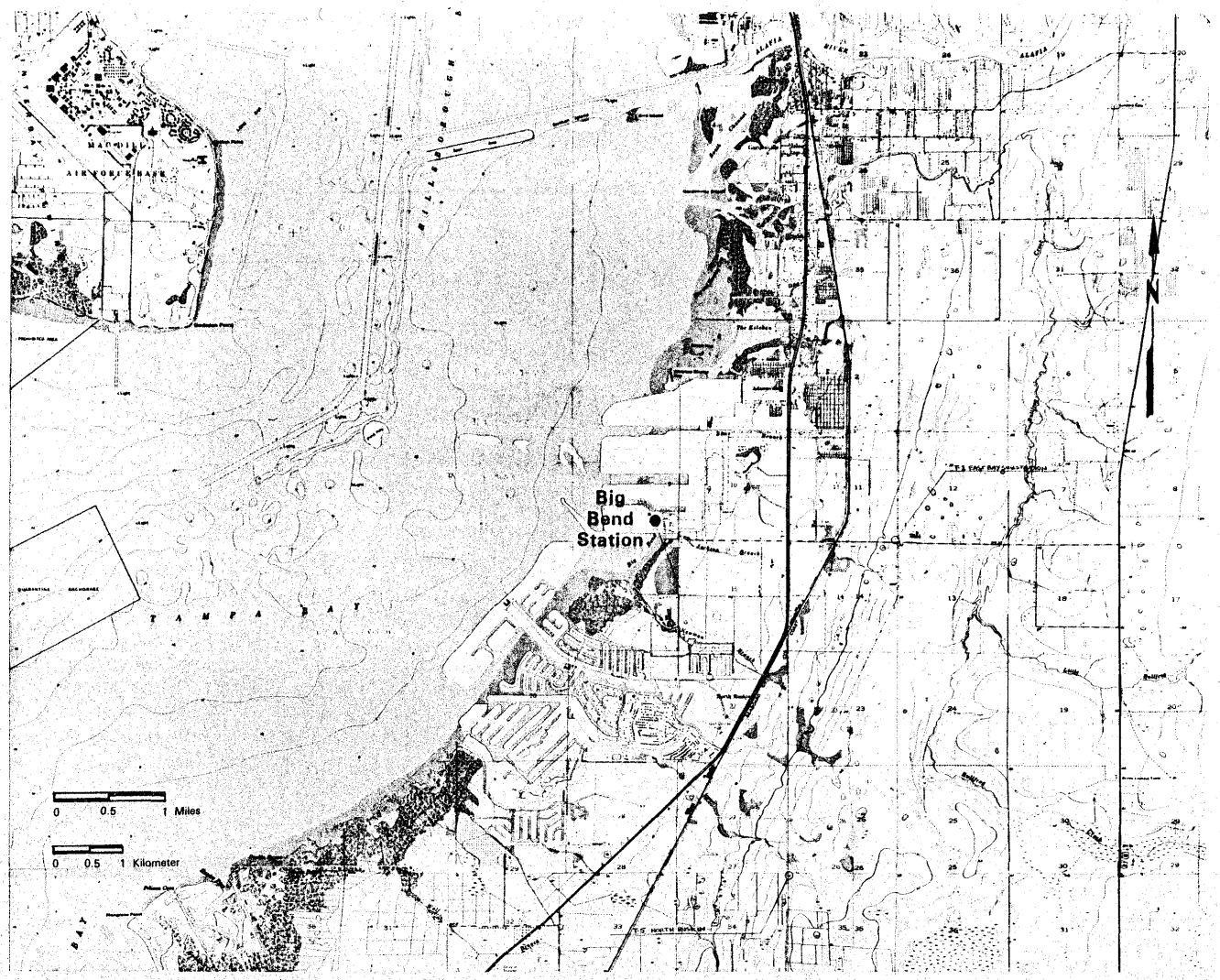

Figure 2-1 Site Location Map

Air pollution emissions from the three existing units at Big Bend Station are regulated by the Florida APR, which were submitted to the Environmental Protection Agency (EPA) February 3, 1979 and are now pending EPA approval. The emission of PM is limited to 0.1 lb/million Btu (MMBtu) heat input from each of the three units. Unit 3 is limited to NO_x emissions of 0.7 lb/MMBtu. Sulfur dioxide emissions are regulated on the basis of both a sulfur restriction on the coal and a total plant-permissible emission. First, the SO_2 content of the coal may not exceed 6.5 lb/MMBtu; second, the plant SO_2 emission is limited to 31.5 tons/hour over a 3-hour averaging period and 25 tons/hour over a 24-hour averaging period. The operating and emission parameters of Units 1 through 3 at maximum load are documented in Table 2-1.

2.2 Plant Description

2.2.1 Operating Characteristics

The proposed Unit 4 will have a net continuous rating of 425 Mw, resulting in a total station capacity greater than 1,500 Mw. This new coal-fired steam-electric generating unit is scheduled for commercial operation in March 1985. Unit 4 will be constructed adjacent to Unit 3; the turbine room and boiler complex will be an extension of the existing station. Flue gases from Unit 4 will be vented to and discharged through the existing stack serving Unit 3. The plant layout is shown in Figure 2-2, depicting both the existing and proposed facilities.

The Unit 4 steam generator will be a tangentially-fired boiler designed by Combustion Engineering, Inc. (CE). The boiler will have a maximum continuous rating (MCR) of 3,300 thousand pounds per hour (Mlb/hour) of steam at the superheater outlet, at 2,600 pounds per square inch gauge (psig) and 1,005°F. The boiler performance data are presented in Table 2-2 for 50%, 75%, and 100% of MCR. Note that these boiler data are based on a design fuel, because the coal selection has yet to be finalized (see Section 2.2.2).

TABLE 2-1

FULL-LOAD OPERATING AND EMISSION PARAMETERS
FOR BIG BEND STATION

Parameter	Unit 1	Unit 2	Unit 3
Fuel Data:			
Type	Coal	Coal	Coal
Sulfur Content, %	3.3	3.3	3.3
Ash Content, %	11.0	11.0	11.0
HHV, Btu/lb	11,000.	11,000.	11,000.
Generation (Mw)	362.	338.	362.
Heat Input Rate (MMBtu/hour)	4,037.	3,996.	4,115.
Fuel Rate (Mlb/hour)	367.	363.	374.
Flue Gas Rate (Mlb/hour)	4,049.	4,066.	4,155.
Exit Temperature (^{o}F)	301.	301.	292.
Stack Dimensions:			
I.D. (ft)	24.		24.
Height (ft)	490.		490.
Emissions:			
SO_2(lb/hr)*	26,240.	25,971.	26,749. → 39.5 T/H
PM (lb/hr)	403.	400.	412.
NO_x (lb/hr)	2,826.	2,797.	2,881.

*Units 1 through 3 are limited to a sulfur content of 6.5 lb/MMBtu (as SO_2) on a 2-hour average, an emission of 31.5 tons/hour on a 3-hour average, and 25 tons/hour on a 24-hour average, per the Florida Air Pollution Regulations.

7907031

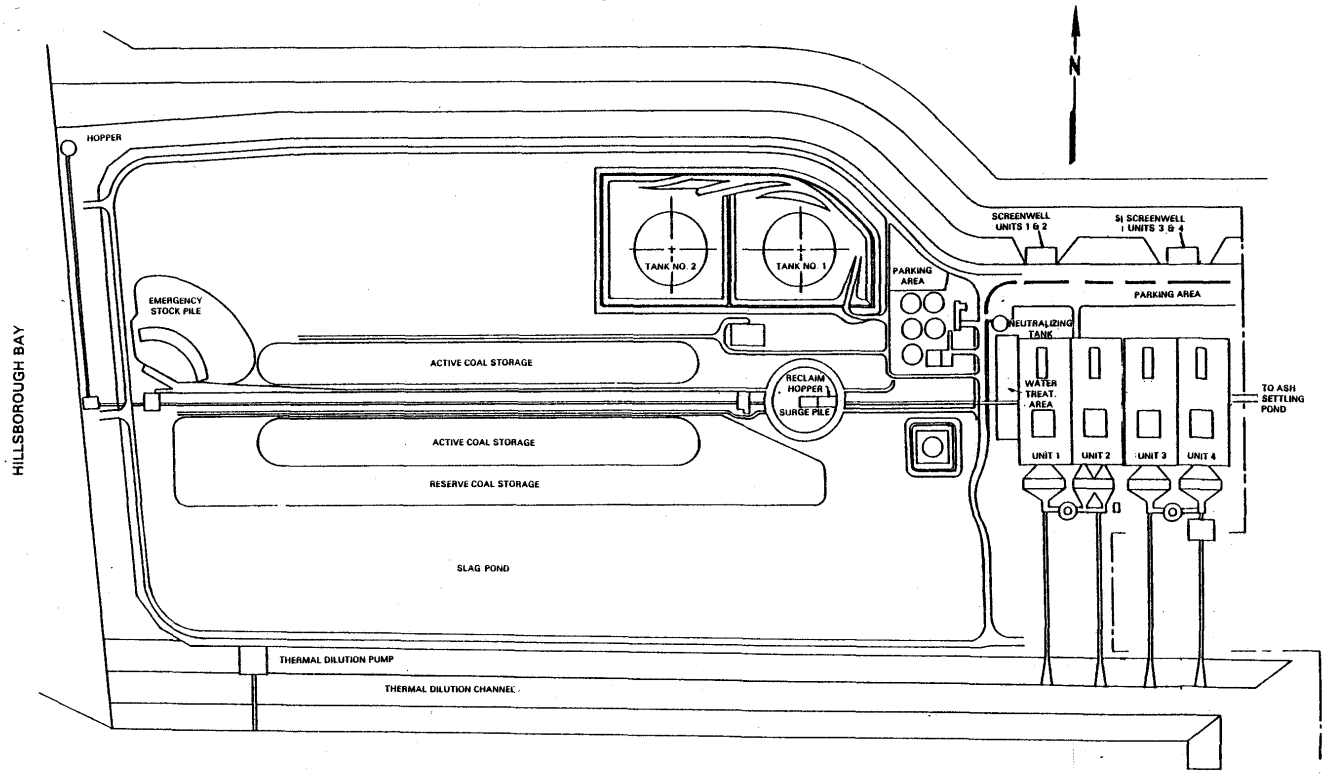

Figure 2-2 Plant Layout

TABLE 2-2

BOILER PERFORMANCE DATA FOR BIG BEND STATION UNIT 4

Parameter	Load (% maximum rating) 50%	75%	100%
Steam Generation (MMBtu/hour)	1,567.	2,350.	3,300.
Heat Input Rate (MMBtu/hour)	2,241.	3,244.	4,330.
Fuel Rate (Mlb/hour)*	213.	309.	413.
Excess Air (%)	40.	25.	15.
Flue Gas Rate (Mlb/hour)**	2,854.	3,663.	3,191.
Flue Gas Temperature (^{o}F)	251.	248.	267.

*Based on hypothetical fuel with the following analysis:

Type	Coal
Sulfur (%)	3.02
Ash (%)	10.7
Moisture (%)	15.0
HHV	10,495.

**Includes air preheater leakage.

2.2.2 Fuel Analyses

Unit 4 will fire medium-sulfur midwestern bituminous coal. At this time, several coals are still under consideration, with the final selection expected in the fall of this year. The ultimate analyses of each of the alternative coals are presented in Table 2-3, along with physical characteristics. The fuel rate is also presented based on heating value of the coal and the boiler performance data.

For the purposes of this air pollution control evaluation and specification of control equipment, three "design coal" analyses have been developed detailing pertinent physical and chemical characteristics. The three design coals are representative of those fuels under consideration for Unit 4. The proximate and ultimate analyses of these coals as received on a dry basis are presented in Table 2-4, along with the required fuel rate. Coal F-1A was used in the specification of the particulate control device; Coal F-2A and F-2B will be included in the specification of the FGD system.

2.3 Construction Activities and Schedule

Construction activities, including permanent structures and facilities, will affect about 70 acres. The Unit 4 turbine, boiler, and flue gas systems will occupy approximately 2.4 acres. An additional 15 acres will be designated for the coal reserve, switchyard, and service facilities associated with Unit 4. Approximately 100 acres will be used for an ash settling pond. An additional 130 acres may be required and has been reserved for an FGD sludge disposal area.

The proposed schedule sets site preparation to commence February 1982. Pouring of the first permanent concrete foundations will

TABLE 2-3

ALTERNATIVE COAL ANALYSIS

Parameters	F-1A Washed	F-21 Washed	F-22 Raw	F-23 Washed	F-24 Washed	F-25 Washed	F-26 Raw
Heating value as received, (Btu/lb)	10,495	11,450	11,729	11,246	11,155	11,700	11,300
Ash fusion temp--reducing							
Initial	2,005	2,000	2,110	2,050	1,920	1,986	1,950
Softening (H=W/2)	2,160	2,275	2,300	2,110	2,200	2,189	2,000
Fluid	2,275	2,450	2,442	2,300	2,350	2,366	2,200
Ash fusion temp--oxidizing							
Initial	2,305	2,400	2,380	2,420	2,100	2,267	2,110
Softening (H=W/2)	2,395	2,530	2,538	2,500	2,430	2,495	2,220
Fluid	2,535	2,620	2,595	2,530	2,530	2,576	2,280
Grindability--Hardgrove No.	53.0	55.0	55.0	53.5	56.0	51.0	55.0
Ultimate Analysis--% by weight							
Moisture	14.50	9.50	10.11	14.34	11.55	10.00	9.20
Ash	13.50	11.20	9.05	7.17	9.90	7.65	6.20
Sulfur	2.92	2.47	2.09	2.57	3.19	2.72	3.10
Carbon	57.00	63.50	65.49	62.27	61.99	65.12	64.40
Hydrogen	4.10	4.40	4.51	4.27	4.23	4.42	5.10
Oxygen	7.05	7.35	8.13	8.25	7.92	8.64	12.60
Nitrogen	1.08	1.50	0.48	1.10	1.14	1.26	1.60
Chlorine	0.08	0.08	0.14	0.03	0.08	0.19	0.00
Proximate Analysis--% by weight							
Moisture	14.52	9.50	10.11	14.34	11.55	10.00	10.00
Ash	13.50	11.20	9.05	7.17	9.90	7.70	12.00
Volatile Matter	30.21	32.18	33.89	34.96	36.63	34.50	34.00
Fixed Carbon	41.75	47.12	46.45	43.53	41.92	47.80	44.00
Sulfur	2.92	2.47	2.09	2.57	3.19	2.70	3.20

TABLE 2-3 (Continued)

Parameters	F-1A Washed	F-21 Washed	F-22 Raw	F-23 Washed	F-24 Washed	F-25 Washed	F-26 Raw
Ash Analysis--% by weight							
Ferric Oxide--FE_2O_3	17.71	19.73	17.28	22.82	21.53	22.79	18.40
Lime--CaO	6.49	4.00	3.08	3.22	5.76	4.05	1.90
Magnesia--MgO	0.70	0.85	0.90	0.79	1.01	0.79	0.80
Sodium Oxide--Na_2O	1.37	0.33	0.38	0.18	0.46	1.15	0.50
Potassium Oxide--K_2O_3	1.54	2.20	2.23	1.78	2.03	1.97	1.70
Silica--SiO_2	46.74	48.42	49.79	42.48	42.72	43.95	49.20
Alumina--Al_2O_3	19.25	19.56	22.08	23.01	18.86	20.89	19.30
Titania--TiO_2	1.01	0.90	1.09	1.02	0.82	1.00	2.10
Phos. Pentoxide--P_2O_5	0.34	0.16	0.17	0.19	0.10	0.12	0.07
Sulfur Trioxide--SO_3	4.31	3.53	2.19	2.27	5.88	2.87	2.10
Coal Fixed, lb/hr (est)	413,000	378,553	369,549	385,420	388,564	370,465	383,578

TABLE 2-4

DESIGN COAL ANALYSIS

Parameters	F-1A As Received	F-1A Dry Basis	F-2A As Received	F-2A Dry Basis	F-2B As Received	F-2B Dry Basis
Heating Value (Btu/lb)	10,495	12,275	11,300	12,626	11,050	12,628
Ultimate Analysis (% wt.)						
Moisture	14.50	-	10.50	-	12.50	-
Carbon	57.00	66.67	62.50	69.80	61.50	70.30
Hydrogen	4.10	4.80	4.30	4.80	4.10	4.68
Nitrogen	1.08	1.26	1.30	1.45	1.20	1.37
Sulfur	2.92	3.42	3.50	3.90	3.50	4.00
Ash	13.50	15.79	10.50	11.73	10.00	11.40
Oxygen	7.05	8.25	7.20	8.10	7.10	8.10
Chlorine	0.08	0.09	0.20	0.22	0.10	0.11
Proximate Analysis (% wt.)						
Moisture	14.52	-	10.50	-	12.50	-
Ash	13.50	15.79	10.50	11.73	10.00	11.40
Volatile Matter	30.21	35.33	34.50	38.54	34.50	39.40
Fixed Carbon	41.75	48.83	44.50	49.72	43.00	49.10
Sulfur	2.92	3.42	3.50	3.91	3.50	4.00
Ash Analysis (% wt.)						
P_2O_5	0.34	-	0.13	-	0.16	-
SiO_2	46.74	-	45.60	-	44.70	-
Fe_2O_3	17.71	-	20.70	-	19.00	-
Al_2O_3	19.25	-	19.20	-	20.70	-
TiO_2	1.01	-	0.90	-	1.10	-
CaO	6.49	-	4.90	-	4.50	-
MgO	0.70	-	0.94	-	1.00	-
SO_3	4.31	-	4.70	-	5.50	-
K_2O	1.54	-	2.20	-	2.50	-
Na_2O	1.37	-	0.50	-	0.50	-
Coal Fired	413,000	-		-		-

tentatively start April 1982. The principle activities and scheduled starting dates are presented below:

Activity	Starting Date
Preparation of the site	February 1982
Pile driving	March 1982
Pouring of foundations	April 1982
Structural steel erection	July 1982
Boiler erection	January 1983
Turbine generator erection	August 1983
Commercial operation	March 1985

3. REGULATORY REQUIREMENTS

The 1977 Clean Air Act Amendments (CAAA) and the regulations subsequently issued by the EPA to implement this legislation have produced fundamental changes in the regulation of air pollution in this country. Perhaps the most significant of these changes for utility sources are the technology-forcing requirements of the CAAA and subsequent regulations or guidelines presented below:

- New Source Performance Standards (NSPS) impose emission standards for new sources (Section 111, Amendments; 40 CFR 60).
- National Emission Standards for Hazardous Air Pollutants (NESHAP) impose regulations for sources of hazardous air pollutants (Section 112, Amendments; 40 CFR 61).
- Best Available Control Technology (BACT) is embodied in the preconstruction requirements and pertains to sources affecting PSD areas (Section 165, Amendments; 43 FR 26390-26410, June 19, 1978).
- Lowest Achievable Emission Rate (LAER) is embodied in the Nonattainment (NA) Area requirements (Section 173, Amendments; 44 FR 3274-3287, January 16, 1979).

These regulations and guidelines are detailed in the following sections in the context of the requirements on TECO's proposed Big Bend Station Unit 4.

3.1 New Source Performance Standards

The NSPS are a set of national emission standards for stationary sources of air pollution. These standards are applicable to specific categories of sources and apply not only to new sources, but also to modified or reconstructed existing sources of air pollution. As mandated by the CAAA, these standards "shall reflect the degree of

emission limitation and the percentage reduction achievable through application of the best technological system of continuous emission reduction (taking into consideration the cost of achieving such emission reduction, any nonair quality health and environmental impact and energy requirements) the Administrator determines has been adequately demonstrated."

For fossil-fuel-fired stationary sources, the CAAA mandate that the NSPS regulations shall impose both a standard establishing allowable emission limitations and a standard requiring achievement of a percentage reduction from the emissions that would have resulted from the use of fuels not subject to treatment before combustion. The original NSPS were promulgated in December 1971 (40 CFR 60, Subpart D) and were subsequently revised for electric utility steam generating units on June 11, 1979 (40 CFR 60, Subpart Da). The latter standards apply to utility boilers firing more than 250 MMBtu/hour heat input of fossil fuel for which construction started after September 18, 1978.

The NSPS for electric utility boilers impose emission standards on PM, SO_2, and NO_x. The allowable emission limitations and required percentage reductions for these pollutants applicable to the proposed Big Bend Station Unit 4 are summarized in Table 3-1. The compliance provisions of the NSPS are also presented in this table.

For boilers firing bituminous coal, the SO_2 emissions to the atmosphere are limited to 1.20 lb/MMBtu heat input, and a 90% reduction in potential SO_2 emissions is required except when emissions to the atmosphere are less than 0.60 lb/MMBtu. When SO_2 emissions are less than 0.60 lb/MMBtu, a 70% reduction in potential emissions is required. Compliance with both the allowable emissions and required emission reduction are to be determined on a continuous basis using continuous monitors for a 30-day rolling average. The percentage reduction is based on the overall SO_2 removal by flue gas desulfurization, coal washing, coal pulverization, and sulfur retention in flyash and bottom ash. The SO_2 standard is presented as a graph in Figure 3-1.

TABLE 3-1

NEW SOURCE PERFORMANCE STANDARDS
FOR ELECTRIC UTILITY STEAM GENERATING UNITS

Pollutant	Emission Limitation	Percentage Reduction Requirement
SO_2	1.2 lb/MMBtu (520 ng/J*)	90% (30-day rolling average)
	0.6 lb/MMBtu (260 ng/J*)	70% (30-day rolling average)
PM	0.03 lb/MMBtu (13 ng/J*) Opacity limited to 20% (6-minute average); 27% allowed 6 min/hr+	99%**
NO_x	0.6 lb/MMBtu (260 ng/J*)	65%**

*Nanograms per joule.

**Satisfied automatically if emission limitation is met.

+A source-specific opacity standard may be established if opacity is greater than 20% when complying with the PM limitation.

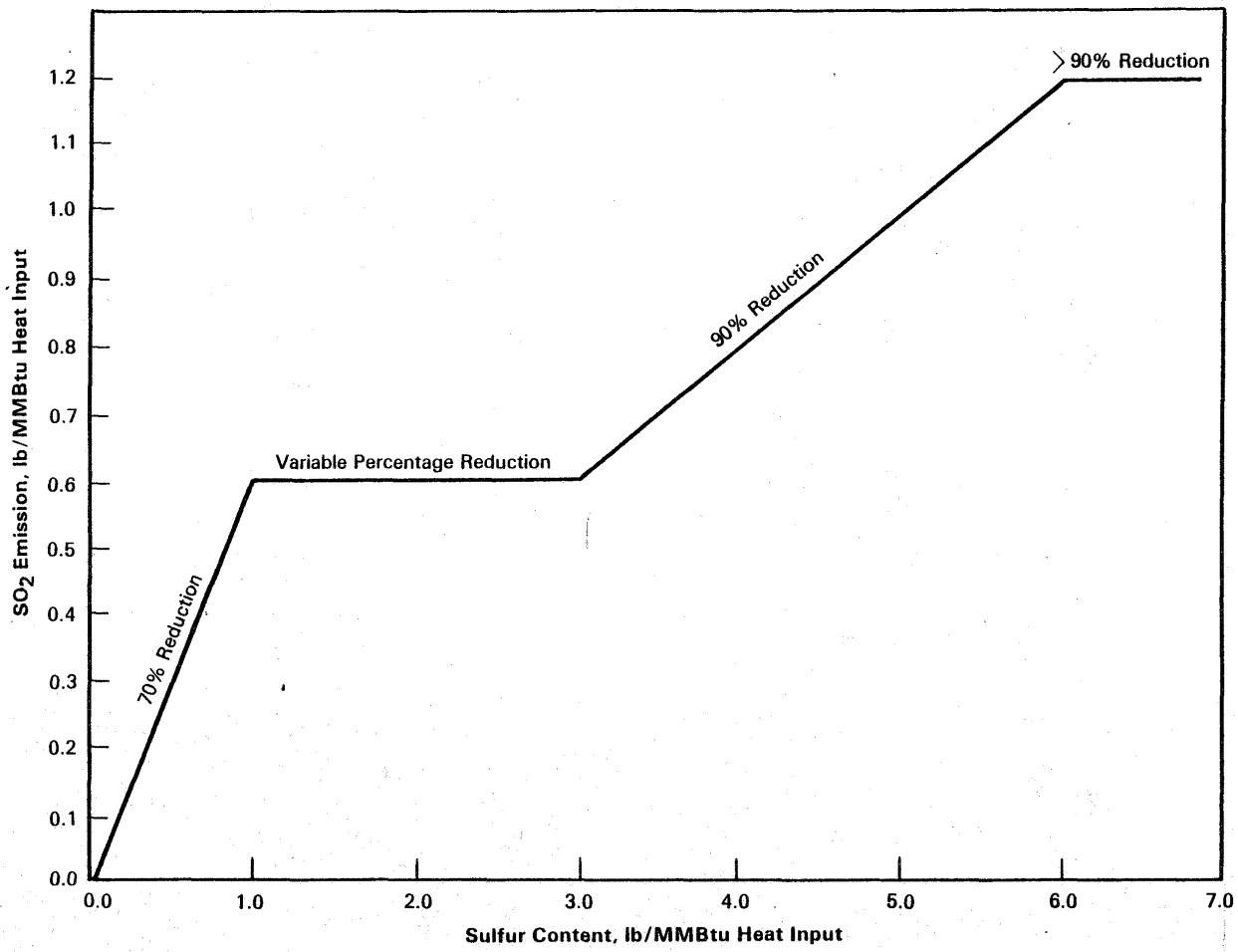

Figure 3-1 Sulfur Dioxide Percentage Reduction Standard

The PM standard limits emissions to 0.03 lb/MMBtu heat input and requires a 99% reduction in potential emissions for coal-fired boilers. Compliance with the emission limitation for PM is considered to ensure compliance with the percentage reduction requirements. The PM standard also limits opacity to 20% on a 6-minute average with the exception of one 6-minute period per hour when opacity is limited to 27%.

The NO_x emission standard restricts boilers firing bituminous coal to 0.60 lb/MMBtu heat input; the standard also requires a 65% reduction in potential NO_x emissions. Again, compliance with the allowable emission limitation satisfies the percentage reduction requirements of the standard. Continuous monitors are required for measuring the emission of NO_x, and compliance with the standard is based on a 30-day rolling average.

3.2 National Emission Standards for Hazardous Air Pollutants

Section 112 of the CAAA requires the EPA to publish a list, to be periodically revised, that includes hazardous air pollutants for which NESHAP would be developed. Emission standards for various sources have been promulgated (40 CFR 61); Subpart B, Asbestos; C, Beryllium; D, Beryllium Rocket Motor Firing; E, Mercury; and F, Vinyl Chloride. Other pollutants currently being considered by EPA for listing include benzene, arsenic, cadmium, and polycyclic organic matter. To date, the NESHAP do not affect the design or operation of the proposed Big Bend Station Unit 4.

3.3 Best Available Control Technology

The basic control technology requirements of the PSD regulations are the application and evaluation of BACT, defined as follows:

> "An emission limitation...based on the maximum degree of reduction for each pollutant...which would be emitted from any

> proposed major stationary source or major modification which the Administrator, on a case-by-case basis, taking into account energy, environmental, and economic impacts and other costs, determines is achievable...for control of such pollutant."

Major sources are exempt from BACT requirements for a given pollutant if the increase in allowable emissions for that pollutant is less than 50 tons/year, 1,000 lb/day, or 100 lb/hour, whichever is most restrictive.

The Guidelines for the Evaluation of BACT were published by the EPA in December 1978 to assist states or EPA Regional Offices in making BACT determinations. The BACT requirements are intended to ensure that the control systems incorporated in the design of a proposed facility reflect the latest in control techniques used in a particular industry and take into consideration existing air quality in the vicinity of the proposed facility. Because the NSPS for electric utility steam generators were promulgated June 11, 1979 and the associated cost-benefit analyses were performed just before that date, compliance with these standards may indeed be considered application of BACT in the utility industry. Notwithstanding, an evaluation of the air pollution control techniques and systems is required, including a cost-benefit analysis of alternative control technologies capable of achieving a higher degree of emission reduction. The cost-benefit analysis requires the documentation of the materials, energy, and economic penalties associated with the proposed and alternative control systems as well as the environmental benefits derived from these systems.

3.4 Lowest Achievable Emission Rate

The control technology requirements specified for sources located in or having an impact on a NA area is LAER, defined in the EPA's Emission Offset Ruling as follows:

"For any source, that rate of emissions based on the following, whichever is more stringent:
(i) The most stringent emission limitation which is contained in the implementation plan of any State for such class or category of source, unless the owner or operator of the proposed source demonstrates that such limitations are not achievable; or
(ii) The most stringent emission limitation which is achieved in practice by such class or category of source."

Because the Big Bend Station is not located in a NA area for any of the criteria pollutants, LAER is not required for any pollutant emission from the proposed Unit 4. In addition, emissions from the proposed unit will not have a significant impact on a NA area, precluding application of LAER (See Volume I).

3.5 Summary

Big Bend Station Unit 4 thus must be designed and be demonstrated to be in compliance with the NSPS for electric utility steam generators. It is anticipated that the revised Florida SIP will incorporate these standards intact for that category of sources. The proposed unit must also include BACT in facility design for those pollutants subject to the PSD regulations. Documentation and evaluation of the control techniques and systems for the proposed unit are presented in the remainder of this report in the manner prescribed in the BACT Guidelines.

4. PROPOSED AIR POLLUTION CONTROLS

The proposed Big Bend Station Unit 4 has been designed to operate in a fuel efficient and environmentally acceptable manner. Operating and maintenance procedures that will ensure proper operation of control systems and that will minimize the discharge of air pollutants to the atmosphere have also been developed. According to the PSD regulations, a source that has the potential to emit more than 100 tons per year of a pollutant is considered to be a major source of that pollutant and is subject to the BACT requirements of the regulations. Furthermore, the NSPS for electric utility steam generators impose emission limitations and percentage reduction requirements on pollutant emissions from the Unit 4 boiler. These regulations and guidelines are discussed in detail in Section 3.

The Unit 4 boiler is thus considered a major source of PM, SO_2, NO_x, and CO. The receiving, handling, and storage of coal for Unit 4 are additional sources of both controlled and fugitive particulate emissions. Similarly, the limestone required for the SO_2 control system is a potential source of fugitive particulate emissions. The principle air pollution control techniques and systems incorporated in the facility design and operating and maintenance procedures are itemized below.

- Fugitive dust emissions resulting from the receiving, handling, and storage of coal and limestone will be minimized by a combination of techniques, including surface moisture content of coal in storage piles; particle size of received limestone; containment and control of transfer points, conveyors, and crushing equipment; and proper maintenance of coal and limestone handling facilities.
- PM emissions from the boiler will be controlled by an ESP installed at the exit of the air preheater (in compliance with the NSPS).
- SO_2 emissions will be minimized by a combination of coal washing and tail-gas cleaning using an FGD system (in compliance with the NSPS).

- NO_x formation during combustion will be inhibited by the proper operation and design of the boiler and combustion air control system (in compliance with the NSPS).
- CO emissions will be minimized by high excess-air operation and design of the combustion air control system.

A flow diagram of the combustion system and associated air pollution control techniques and equipment is presented in Figure 4-1, detailing both gaseous effluents and solid and liquid waste discharges.

The remainder of this section presents details of the air pollution control techniques and systems that are included in the design and operational procedures of Unit 4. For equipment that has been purchased, precise descriptions, specifications, and guarantees are presented; for that yet to be selected, generic descriptions and conceptual design are presented in sufficient detail to permit engineering evaluation.

4.1 Particulate Matter

The major source of PM emissions is the combustion of coal in the Unit 4 steam generator. This source is controlled by design of the boiler, the combustion air control system, and an ESP. Fugitive emissions from the receiving, handling, and storage of coal and limestone are minimized both by proper operating and maintenance procedures and by containment and control of certain handling facilities.

4.1.1 Boiler and Combustion Air Control System

The design and operation of both the boiler and combustion air control system will minimize the production of unburned carbon and, hence, total particulate loading in the flue gas. Specifically, maintaining high excess-air operation (25% excess air or greater) will effectively limit the formation of unburned carbon, thus flue gas concentrations will be negligible. Although equipment for monitoring of combustion-ables is not included in the scope of supply of the boiler

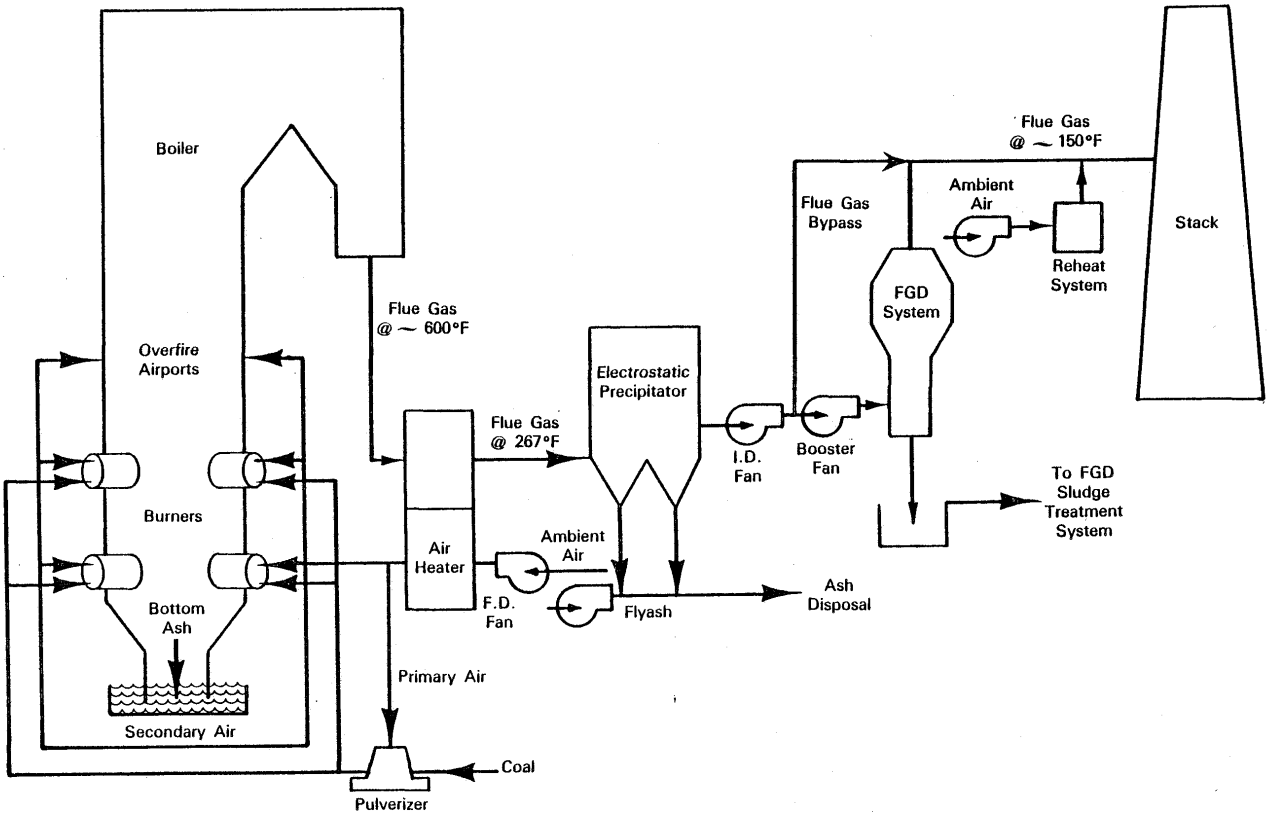

Figure 4-1 Proposed Air Pollution Control Systems for Big Bend Station Unit 4

manufacturer, CE, or the specification of the combustion air control system, there is a possibility that combustibles will be recorded and interfaced with an alarm at an economizer outlet.

4.1.2 Electrostatic Precipitator

The emission of PM from the combustion system will be controlled by an ESP. This control device has received the widest application on coal-fired utility boilers and has been demonstrated to be capable of meeting the NSPS. The EPA obtained emission test data from utility installations firing pulverized coal. Of 22 ESP units tested, 9 met the NSPS for particulates of 0.03 lb/MMBtu, even though none of the units were designed to meet that standard. Table 4-1 presents the results of those tests with pertinent ESP and fuel characteristics.

The collection efficiency of ESPs is a function of the specific collection area (SCA) and particulate drift velocity. The latter variable is dependent on coal and flyash characteristics, most important of which is the sulfur content of the coal. Note that the EPA tests were conducted on boilers firing medium- to low-sulfur coal. High-sulfur coal, which will be used in Unit 4, produces flyash with a low resistivity that can be readily collected with an ESP at SCAs typically below 400 square feet of collection plate per thousand cubic feet of gas (ft^2/Macf).

The specification for the Unit 4 ESP has been prepared and sent out for bids; the award of contract is expected in the fall of this year. The specification requires the ESP manufacturer to guarantee an outlet PM emission of 0.3 lb/MMBtu and 20% opacity, in compliance with the NSPS for electric utility steam generating units. The collection efficiency will necessarily be greater than the 99% reduction in the potential emissions required by the NSPS. The conceptual design and performance requirements presented herein are based on the ESP specification and the coal F-1A (see Section 2.3).

TABLE 4-1

EMISSION TEST RESULTS, ESP INSTALLATIONS ON PULVERIZED COAL-FIRED UTILITY STEAM GENERATORS

Company	Plant	Generation (Mw)	% Sulfur	SCA*	lb/MMBtu
Pacific Power and Light	Bridger 1	500	0.6	488	0.042-0.046
	Centralia	680	0.5	767	0.027-0.040
Virginia Electric Power Co.	Mt. Storm	570	1.9	291-300	0.032-0.040
		570	1.9	268-276	0.024-0.043
Iowa Public Service Co.	Neal	500	0.5	884	0.007-0.020
Carolina Power and Light	Roxboro	657	1.1	287	0.037-0.039
		411	1.1	273	0.013-0.024
	Weatherspoon	46	1.4	435	0.021-0.034
		46	1.4	435	0.015-0.033
		74	1.4	394	0.024-0.031
	Cape Fear	141	0.8	325	0.026-0.030
		187	0.8	307	0.014-0.017
Appalachian Power Co.	Amos	1,300	0.9	335	0.040-0.046
	Clinch River	250	0.7	803	0.044-0.047
		250	0.7	803	0.046-0.050

*Specific collection area (ft^2 per 10^3 actual cubic feet per minute).

The ESP will be of a rigid-frame European design and will be installed at the outlet of the air preheater and before the inlet to the induced-draft (ID) fans. It is anticipated that the ESP will have an SCA of 400, exclusive of the spare field. The operating conditions and guaranteed items stipulated in the specification for the ESP are detailed in Table 4-2. The guaranteed particulate loading/emission rate must be verified in two performance tests. The first test is to be performed within 90 days after commercial operation and the second within 12 months of the first successful performance test. Should the ESP fail to comply with the guaranteed PM emission rate, the manufacturer must modify the initial installation to meet the performance requirements.

The specification for the ESP requires the vendor to guarantee the outlet grain loading for all coals under consideration for Unit 4 consumption. To quantify PM emissions and flyash and bottom ash discharges, Coal F-1A was used in the calculations to provide a conservatively high estimate of each parameter. These calculations were based on the following assumptions:

- no ash is removed during crushing or pulverizing of the coal,
- the quantity of unburned carbon in the total particulate grain loading is negligible,
- 20% of the ash introduced to the boiler is discharged as bottom ash, whereas 80% is entrained in the flue gas as flyash, and
- the outlet particulate loading from the ESP is equivalent to 0.03 lb/MMBtu (0.007 gr/acf).

Table 4-3 summarizes the quantities of flyash and bottom ash in the flue gases and waste discharges, along with pertinent operating conditions and fuel characteristics.

Compliance tests for the ESP will be conducted in accordance with Section 60.48a, Subpart Da, and by procedures prescribed in Appendix A in 40 CFR 60. A continuous monitoring system for measuring opacity

TABLE 4-2

ESP SPECIFICATION

Performance Requirements

Flue gas temperataure @ economizer outlet (100% MCR*)	753 F
Estimated flue gas temperature range @ economizer outlet	633°F @ 50% load 753°F @ 100% load
Flue gas temperature @ air heater outlet (100% MCR*) without leakage	280°F ± 55 F
Flue gas temperature @ air heater outlet (100% MCR*) with leakage	267°F ± 55 F
Precipitator design temperature	340°F
Flue gas design flow @ 340°F	2,200,000 acfm
Precipitator inlet loading	1.33-2.67 grs/acf**
Maximum flue gas velocity @ design flow rate	4.5 fps

Guarantees

Outlet flue gas particulate loading	0.007 grs/acf** (0.03 lb/MMBtu, 20% opacity)
Draft loss, ESP inlet to outlet, excluding nozzle	0.5 in WG+
Draft loss, air heater outlet to ID fan inlet	2.5 in WG+

Equipment

1) Number of separate precipitator modules: two to four.
2) The number of separate electrical sections for each module: at least four fields deep and two sections wide.
3) Techniques to ensure uniform flow: air distribution model tests, outlet balancing dampers, inlet distribution baffles and plates, uniform spacing on collector plates, and antisneak baffles in hoppers.
4) System to remove collected ash: vacuum or pressurized system to convey ash from collection hoppers via pipelines to storage silo.

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*Maximum continuous rating.

**Grains per actual cubic foot.

+Inches of water.

TABLE 4-3

FLYASH AND BOTTOM ASH DISCHARGES
FROM BIG BEND STATION UNIT 4

Parameter	Hourly Rate (lb/hr)	Annual Rate (tons/year)*
Fuel rate**	413,000	951,000
Total ash	55,755	128,400
Bottom ash	11,151	25,680
Flyash @ ESP inlet+	44,604	102,700
Flyash collected in ESP	44,474	102,400
Flyash @ ESP outlet	130	300

*Capacity factor = 52.57%.

**Based on coal F-1A: HHV, 10,495 Btu/lb; ash content, 13.5%.

+Based on outlet particulate loading equivalent to 0.03 lb/MMBtu.

will be installed, calibrated, maintained, and operated at a point in the flue gas system downstream of the ESP in accordance with Section 60.47a, Subpart Da, 40 CFR 60.

4.1.3 Coal and Limestone Handling and Storage

Coal for Unit 4 will be received, handled, and stored using both existing and new equipment and facilities. The requirements for additional equipment and the design of new receiving and transfer systems have not been finalized at this time. It is anticipated, however, that an additional clam-shell unloader and stacker/reclaimer will be needed for unloading coal from barges. The coal will be stored in an area adjacent to existing reserve and active coal piles and will be transferred from the active pile to the Unit 4 bunkers by an existing conveyor belt, which needs only to be extended.

To minimize the generation of fugitive particulate emissions from coal receiving, handling, and storage, the equipment and procedures currently used for dust suppression and control will be expanded to include the additional coal handling activities. These procedures consist of turning the reserve coal piles, which ensures uniform surface moisture, containing coal unloading and transfer points, and covering coal conveyors. In addition, the mean precipitation in Tampa is 49.4 inches per year, and on 107 days per year more than 0.1 inches of rainfall. These factors tend to minimize dust generation from wind erosion and mechanical disturbance.

Fugitive particulate emissons from the receiving, handling, and storage of limestone are expected to be minimal, primarily because of the particle size of the ore as received. Containment of transfer points and conveyor systems will also minimize dust generation during handling. As previously mentioned, the annual precipitation will serve to suppress fugitive emissions from storage piles.

4.2 Sulfur Dioxide

The major source of SO_2 emissions is the combustion of coal in the steam generator. These emissions are minimized by a combination of coal washing and tail-gas scrubbing using an FGD system.

4.2.1 Coal Washing

The NSPS permit the use of coal pretreatment to meet the percentage reduction requirements of the standard. This factor and other benefits derived from coal washing have produced a resurgent interest in the process. These benefits include: (1) removal of sulfur, (2) removal of ash, (3) reduction of trace element concentrations, and (4) production of a fuel of uniform quality. The major problems that are associated with coal washing are the costly process of dewatering the washed coal and treatment of contaminated waters.

The effectiveness of sulfur removal from the coal is limited by the type and form of sulfur in the coal feed. There are three principle forms of sulfur found in coal: sulfate, organic, and pyritic. Sulfates normally constitute a small percentage of the total sulfur in the coal and are of little significance. Organic sulfur content ranges from 20% to 60% of the total sulfur. This form of sulfur is molecularly bound and distributed evenly throughout the coal. Removal of organic sulfur requires the material alteration of the coal substance; thus, the relative quantity of this form of sulfur is the primary parameter that determines how effectively coal washing produces significant total sulfur reduction. Pyritic sulfur, which exists as discrete particles within the coal, can be removed by physical coal cleaning. The shapes and sizes of the pyrites in the coal may be categorized as round masses (sulfur balls), lens-shaped masses, veins, small discontinuous veinlets, and disseminated particles or veinlets. The degree of pyrite removal or liberation

varies greatly with the form of pyritic sulfur and the overall coal composition. Crushing, followed by washing, is adequate for removing large quantities of pyrites from some coals. Other coals must be pulverized (70% through 200 mesh) to remove even small quantities of pyrites.

For physical coal cleaning, various techniques are used: size reduction, air density classification, and washing, either singly or in combination. Mere size reduction may liberate pyrites in the form of sulfur balls, which can be removed manually or by air density classification. The latter technique uses the density difference between coal and pyrites. Secondary classification can then be used to retrieve coal fines entrapped in the coarse stream for return to the coal feed. Coal cleaning of either the coarse stream, using Baum figs or heavy-media separators, or the fines, using air tables or wet concentrating tables, may enhance pyrite removal depending on size reduction and pyrite liberation.

Several of the coals under consideration for Unit 4 consumption are subjected to coal washing. Pending final coal selection, the percentage reduction in potential SO_2 emissions will be assumed to be 25% on the basis of mass of sulfur per unit heat content of the coal. This assumption is reasonable because the actual sulfur reduction of washed coals of the type under consideration actually ranges from 35% to 43%.

4.2.2 Flue Gas Desulfurization System

The SO_2 emissions from the combustion system will be controlled by an FGD system. The type of FGD system selected for Unit 4 is a limestone nonregenerable system, because this system has received the widest application on coal-fired utility boilers. The limestone system has also been demonstrated to be capable of removal efficiencies of 85% to 90%. In establishing the percentage reduction requirement of the NSPS, the EPA cited limestone and lime FGD systems

in both the United States and Japan having SO_2 removal efficiencies on the order of 90%. Table 4-4 summarizes the test results on the performance of those FGD systems.

The specification of the Unit 4 FGD system has not as yet been prepared, because investigations of commercially operating FGD installations have just been completed and the coal selection has yet to be finalized. The process description and conceptual design presented herein, therefore, are those of a generic FGD system. The coals used to specify performance requirements of the FGD system are based on the typical coals F-2A and F-2B (see Section 2.2.2). For the mass balance across the FGD system, raw coals with sulfur contents of 3.0 lb/MMBtu and 6.0 lb/MMBtu were assumed. Both of these coals are assumed to have been washed to produce a percentage reduction of 25% in potential SO_2 emissions. The final design and performance requirements of the FGD system are not expected to differ significantly from those of the generic system, and the rates of both pollutant emissions and waste effluents from the FGD system will most likely fall within the range established for the generic system.

The removal efficiency of the FGD system is a function of the sulfur content of the raw coal and the percentage reduction in potential SO_2 emissions attributable to coal washing and retention in the flyash and bottom ash. As required by Method 19, Appendix A, 40 CFR 60, the overall percentage reduction is computed by the following relationship:

$$\%R_o = 100[1.0 - (1.0 - \frac{\%R_f}{100})(1.0 - \frac{\%R_g}{100})]$$

where:

$\%R_o$ is the overall SO_2 reduction (%),

$\%R_f$ is the SO_2 removal efficiency produced by fuel pretreatment (%)

$\%R_g$ is the SO_2 removal efficiency of FGD system, based on the fuel analysis and FGD outlet concentration (%).

TABLE 4-4

EFFICIENCY TEST RESULTS, FGD INSTALLATIONS ON UTILITY BOILERS

Company	Plant	Location	Generation (Mw)	Type	% Sulfur	Efficiency (%)
Columbus and Southern Ohio Electric Company	Connesville	US	400	Lime	4.5-4.9	89.2
Tennessee Valley Authority	Shawnee	US	10	Lime	2.9	88.6
Kansas Power and Light	Lawrence	US	125	Limestone	0.5	96.6
Louisiana Gas & Electric	Cane Run	US	178	Lime	3.5-4.0	89.8
Arizona Public Service	Cholla	US	115	Limestone	0.4-1.0	92.0
Southern California Edison	Mohave	US	170	Limestone	0.8	95.0
Pennsylvania Power Co.	Bruce Mansfield	US	800	Limestone	4.7	85.3
Electric Power Development	Takasago	Japan	500	Limestone	NA	93.0
Electric Power Development	Isogo	Japan	530	Limestone	NA	93.0
Electric Power Development	Takehara	Japan	256	Limestone	NA	93.0
Mitsui	Miiki	Japan	175	Limestone	NA	90.0

This relationship was used to compute the required removal efficiency of the FGD system, based on the following assumptions:

- the sulfur contents of the coals after washing are 3.00 and 6.00 lb/MMBtu, respectively,
- the percentage reduction credited to coal pretreatment is 25%, and
- 5% of the sulfur in the coal as fired is retained in the ash.

To attain an overall percentage reduction of 90%, in compliance with the NSPS, the removal efficiency of the FGD system must be 86%.

The conceptual design of the FGD system, although intended to be generic in nature, is based on the most common designs currently in operation or available from FGD manufacturers. Figure 4-2 is a flow diagram of the generic limestone FGD system, presenting the components and process streams of both the FGD and sludge treatment systems. Only one module is depicted in the diagram, although three modules would be required. The duplicated modules would typically consist of booster fans, a prequencher, an absorber, and recirculation tanks, with the associated piping and pumps. The design data and performance requirements of the FGD system based on Coals F-2A and F-2B are presented in Table 4-5. Design features and equipment that will be included in the specification are also presented in this table.

Flue gas exiting the ID fans is ducted to a plenum preceding the FGD booster fans where the flow is evenly distributed to the three modules. The booster fans are required to compensate for the pressure drop across the FGD system, ranging from 7 to 13 inches water gage (in. WG). The flue gases then enter the prequencher where the stream is saturated and temperature is decreased to about 125°F. The flue gases are next passed through to the absorber section, consisting of a spray tower where the SO_2 is contacted by a recirculating slurry containing calcium salts. Following the absorber, the gases pass through a mist eliminator, which will be a Chevron type, where entrained droplets are impacted and removed from the stream. The

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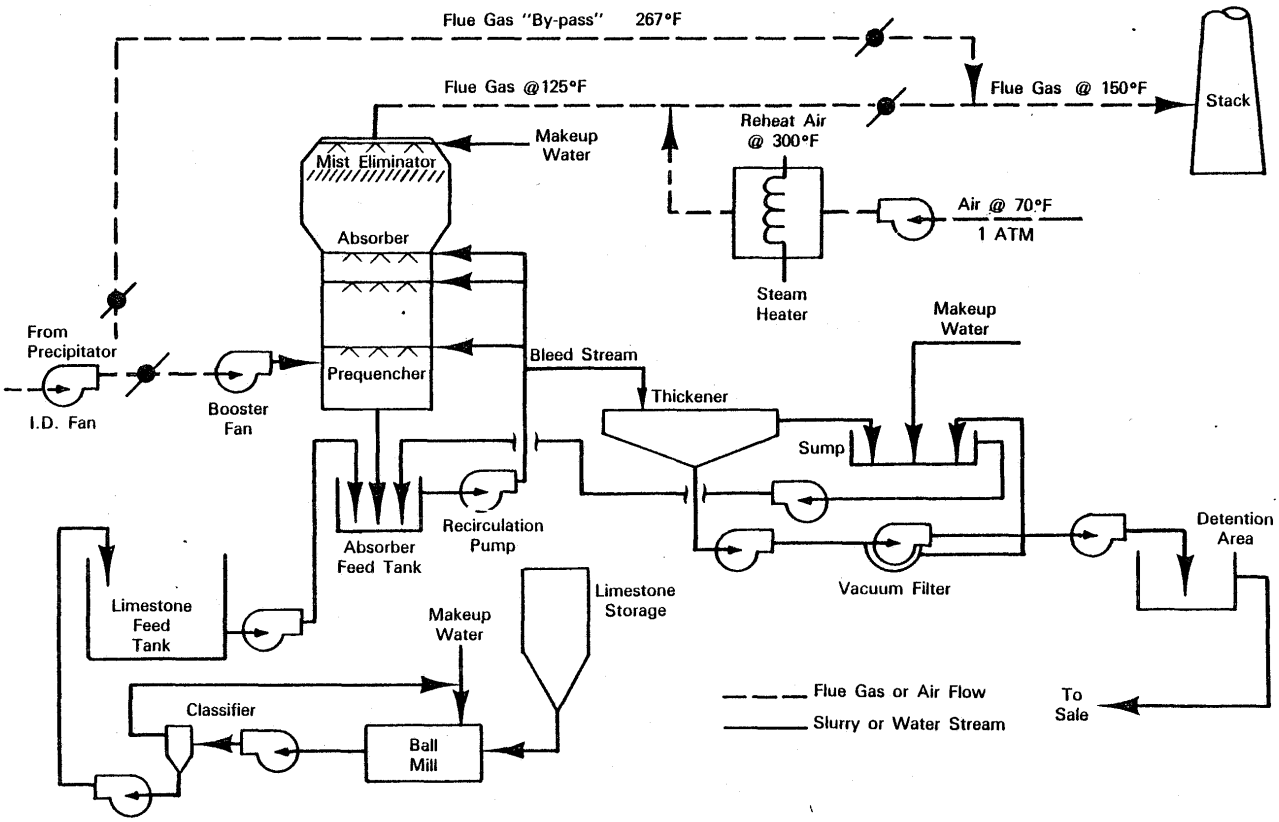

Figure 4-2 Limestone FGD System for Big Bend Station Unit 4

TABLE 4-5

FGD SYSTEM SPECIFICATION*

Performance Requirements

Flue gas rate @ FGD inlet (100% MCR**)	1,643,000 acfm+
Flue gas temperature @ FGD inlet	267°F
Moisture @ FGD inlet	8.0-10.0%
Oxygen @ FGD inlet	6.0-8.0%
SO_2 @ FGD inlet	0.4% (6.3 lb/MMBtu)
Flue gas velocity	10-20 fps
Pressure drop across system	7-13 in. WG
Liquid to gas ratio	50-110
Inlet pH	4.5-5.0
Outlet pH	5.5-6.0

Guarantees

SO_2 @ FGD outlet	0.02-0.04% (0.63 lb/MMBtu)

Equipment

1) Absorber type: spray tower.
2) Number of modules: three for full-load operation, one spare.
3) Prequencher design: constructed of alloys or lined carbon steel for erosion and corrosion protection.
4) Precautions for corrosion, scaling, and plugging: proper pH control, alloy or lined absorbers, adequate mist eliminator wash, and sump agitators.
5) Mist eliminator design: Chevron type, constructed of plastic material.
6) Redundant components: recirculation and prequencher pumps, pH probe and instrumentation, waste handling pumps and vacuum filters, ball mill, thickener, and SO_2 monitoring.
7) Monitoring requirements: magnetic flow meters, nuclear density probes, scrubber liquor analysis for carbonate for absorbent use, and scrubber liquor analysis for sulfite/sulfate and SO_2 monitoring.

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*FGD system specification has yet to be prepared. The performance requirements and guarantees are tentative.

**Maximum continuous rating.

+actual cubic feet per minute.

reheat is provided by mixing the flue gas at about 125°F with ambient air heated to approximately 300°F by third-point turbine extraction steam. Additional reheat may be provided by stack gases from Unit 3 when they enter the common-flue stack.

The limestone ore, assumed to be 95% calcium carbonate ($CaCO_3$) for the purposes of preliminary design, is first crushed to about 200 mesh and then slurried to the absorber feed tank. The recirculated slurry is then pumped through the absorber, where the dissolved $CaCO_3$ contacts the SO_2 in the misted stream to form calcium sulfite ($CaSO_3$) and calcium sulfate ($CaSO_4$). Because the solubility of the sulfite is low and is sensitive to the acidity of the system, careful pH control is required to prevent the precipitation of the crystals as a scale in the absorber and associated piping.

Internal to the system, forced aeration converts the $CaSO_3 \cdot 1/2H_2O$ anhydrous crystals to $CaSO_4 \cdot 2H_2O$ formations (gypsum). This stream, which is approximately 10% solids, is then pumped to a thickener where the sludge is dewatered to about 35% solids. The sludge is next pumped from the thickener to the vacuum filters, where it is further dewatered to 60% to 80% solids. The next process in the treatment of the FGD sludge depends on the ultimate disposition of this sludge. Currently, TECO plans to market the gypsum.

A summary of the mass balance across the FGD and sludge treatment systems is presented in Table 4-6, detailing assumptions used to determine makeup, discharge, and emission rates. The mass balance was based on coals with a sulfur content of 3.0 and 6.0 lb/MMBtu.

Compliance with the NSPS will be demonstrated by the procedures specified in Method 19, Appendix A, 40 CFR 60. To determine potential SO_2 emissions, fuel analyses of both the raw and received coals will be established using procedures prescribed by the American Society for Testing and Materials (ASTM), Method D 270. A continuous monitoring

TABLE 4-6

MATERIAL BALANCE FOR FGD SYSTEM FOR BIG BEND STATION UNIT 4

Parameter	Basis	Hourly Rate (lb/hr)		Annual Rate (ton/year)*	
		3.0 lb/MMBtu Sulfur Coal	6.0 lb/MMBtu Sulfur Coal	3.0 lb/MMBtu Sulfur Coal	6.0 lb/MMBtu Sulfur Coal
Sulfur (before washing)	4,330 MMBtu/hr	12,990	25,980	29,910	59,820
Sulfur (after washing)	25% reduction	9,743	19,486	22,434	44,868
SO_2 (@ FGD inlet)	5% ash retention	18,512	37,024	42,625	85,250
SO_2 (@ FGD outlet)	86% removal efficiency	2,592	5,184	5,968	11,937
SO_2 (removed in FGD)	Remaining SO_2	15,920	31,840	36,657	73,314
$CaSO_4 \cdot 2H_2O$	Molecular Weight Ratio	42,785	85,570	98,515	197,030
$CaCO_3$ (required)	Molecular Weight Ratio	24,875	49,750	57,276	114,550
Limestone (@ 120% stoich.)	95% $CaCO_3$	31,421	62,842	72,349	144,700
FGD sludge (@ filter inlet)	35% solids	140,950	281,900	324,550	649,090
FGD sludge (@ filter outlet)	70% solids	70,473	140,946	162,270	324,540

*Capacity factor: 52.57%.

system for measuring SO_2 emissions will be installed, calibrated, maintained, and operated at a point downstream of the FGD system.

4.3 Oxides of Nitrogen

The emission of NO_x from the combustion system will be minimized by the design of the burners and boiler to be provided by CE. The tangentially-fired boiler has been demonstrated to be capable of limiting NO_x formation to 0.6 lb/MMBtu, the NSPS, when firing bituminous coal. The EPA cites several CE boilers in operation that are able to meet the NSPS, although these boilers are neither designed nor guaranteed to have an NO_x emission at these levels.

The formation of thermally produced NO_x is inhibited in the CE boiler by the off-stoichiometric combustion, that is, operating the burners at a fuel-rich mixture. Off-stoichiometric combustion can be accomplished by two techniques: biased-firing and two-staged combustion. The former technique consists of operating selected burners at fuel-rich mixtures and others at lean mixtures. Initial combustion then occurs in a reducing atmosphere, followed by complete combustion after substantial heat loss. The resultant lower flame temperatures inhibit the formation of thermal NO_x. The latter technique, two-staged combustion, is accomplished by diverting a portion of the combustion air to over-fire air ports located above the burners. The same fuel-rich combustion occurs with the attendant heat loss, followed by complete mixing and combustion above the primary combustion zone. Although CE has incorported over-fire air ports in the boiler design to maintain NO_x concentrations at the NSPS, operation of these ports has been found to be unnecessary below 90% MCR. Two-stage combustion will thus be used should monitoring indicate that the NO_x emissions may exceed standards. The NO_x emission limitation is equivalent to an emission rate of 2,598 lb/hr.

The EPA sponsored a test program, performed by CE, at the Alabama Power Company's Barry Station #2. This program assessed the effects of modifications in boiler operation and design on the emission of

NO_x. Included in the modifications were variations in excess air, biased-firing, over-fire air, burner tilt, and water-wall slagging. The results of this program that are applicable to Unit 4 boiler operation are summarized in Table 4-7. Note that all tests demonstrated boiler compliance with the NSPS for NO_x, with the exception of that test with no modifications and water-wall slagging.

Compliance with the NSPS for NO_x will be demonstrated in accordance with Section 60.48a, Subpart Da, and by procedures prescribed in Method 19, Appendix A, 40 CFR 60. A continuous monitoring system for measuring NO_x emissions will be installed, calibrated, maintained, and operated at a point downstream of the economizer outlet.

4.4 Carbon Monoxide

The only significant source of CO is the Unit 4 steam generator. CE does not include monitoring of combustibles in the design of their boilers because CO emissions are expected to be negligible. The recording of combustibles, however, may be included in the specification of the combustion air control system. Using the emission factor from the EPA document Compilation of Air Pollution Emission Factors, AP-42, the CO emission rate will be approximately 62 lb/hr based on Coal F-1A and boiler performance data. This factor represents a consensus mean emission from both boilers of older and more recent design. The EPA test on the Alabama Power Company's Barry Station #2 demonstrates that CO emissions typically range from 0.016 to 0.022 lb/MMBtu, which is equivalent to 70 to 95 lb/hr (see Table 4-7). These data then generally support the AP-42 emission factor, which is used to estimate the CO emission rate.

4.5 Summary

The emission of pollutants from the proposed Unit 4 steam generator is summarized in Table 4-8. The applicable NSPS for electric utility facilities are also presented for direct comparison.

TABLE 4-7

EPA TEST PROGRAM FOR NO_x REDUCTION

Test No.	Test Condition*	Excess Air	Emission (lb/MMBtu) NO_x**	CO
1	No modification	22.7	0.58	0.022
2	No modification; WW slagging	26.0	0.68	0.024
3	BF	24.2	0.33	0.019
4	OFA	25.4	0.55	0.016
5	OFA; WW slagging	25.9	0.50	0.016
6	OFA; -5° burner tilt	25.9	0.39	0.016
7	OFA; $+19^{o}$ burner tilt	25.1	0.43	0.023
8	Optimum conditions	27.4	0.39	0.018

*WW = water-wall; BF = biased-firing; OFA = over-fire air.

**As NO_2.

Source: EPA 1975.

TABLE 4-8

POLLUTANT EMISSIONS SUMMARY

BIG BEND STATION UNIT 4

Pollutant	Pollutant Emission			Applicable NSPS/SIP Requirement
	lb/hr	lb/MMBtu	% Reduction	
PM	129.9	0.03	99.7	0.03 lb/MMBtu
NO_x	2,598.	0.60	65.0	0.60 lb/MMBtu
SO_2*	2,592.-5,184.	0.60-1.2	90.0	90% reduction
CO	62.	0.014	NA	NA

*SO_2 emission represents range of sulfur content of raw coals of 3.0 and 6.0 lb/MMBtu.

5. ALTERNATIVE AIR POLLUTION CONTROLS

To select the proposed air pollution controls for the Big Bend Station 4, alternative air pollution control techniques and systems were evaluated on the basis of commited resources, energy consumption, economic penalties, and environmental impact. This evaluation also satisfied the requirements of the BACT Guidelines by demonstrating that each alternative control system would cause unreasonably adverse energy, economic, or environmental impact. The BACT Guidelines define alternative control systems as those "which have greater control capabilities than the system proposed as BACT and which have been used or proposed for the same or similar applications." This section thus documents the air pollution control selection and designates those alternative control systems considered technically feasible. If no control technology capable of a higher degree of emission reduction was considered currently available, then no further analysis is presented and the proposed system is judged BACT. If a control alternative was considered available, a cost-benefit analysis is presented in defense of the proposed control system or technique (see Section 6).

5.1 Particulate Matter

The only alternative air pollution control system that is considered technically available for PM emissions from the Unit 4 steam generator is a fabric filter installation. This alternative system has been commercially demonstrated on both utility and industrial boilers and has achieved emission reductions greater than 99%.

The EPA considers fabric filter installations to be available for control of PM in the utility industry. The baghouse test data cited by the EPA in support of this contention have been gathered from relatively small units, only two of which are utility boilers and only one of which fires pulverized coal. These emission data are summarized in Table 5-1, presenting firing configuration and coal characteristics. The EPA believes that a design base now exists for scaling up existing, proven designs applicable to relatively small current units

TABLE 5-1

EMISSION TEST RESULTS, FABRIC FILTER SYSTEMS
ON COAL-FIRED STEAM GENERATORS

Company	Plant	Type*	Mw	Coal Type**	Coal % Sulfur	PM Emission, lb/MMBtu
Pennsylvania Power & Light	Sunbury	U	44	PC	2.0	0.0028-0.01
Colorado Ute Electric Assocation	Nucla	U	13	SS	0.7	0.0014-0.018
Adolph Coors		I	25	PC	0.5	0.032-0.043
Caterpillar Tractor		I	10	SS	2.0	0.008-0.012
Unnamed		I	18	SS	NA	0.026
Unnamed		I	12.5	SS	NA	0.009
Unnamed		I	24	SS	NA	0.042
Unnamed		I	6.4	SS	NA	0.015

*U = utility boiler; I = industrial boiler.

**PC = pulverized coal; SS = spreader stoker.

using modular design techniques. To defend this position, the EPA notes that about 50 baghouse-equipped coal-fired utility steam generators are scheduled to begin operating in the near future, before 1983. These baghouse facilities will be used for many units larger than 150 Mw, for both high- and low-sulfur coal.

On the other hand, the utility industry believes that baghouses are not demonstrated technology for large coal-fired units, particularly those firing higher-sulfur coals. No long-term data exist on bag life at large coal-fired electric generating facilities, specifically service life associated with acid dewpoints. Potential problems suggested by the industry include interstitial plugging caused by condensation or products of incomplete combustion (particularly during periods of startup and cycling). Furthermore, uncertainties associated with general design, such as proper design of compartment seals and dampers, heaters and insulation, startup procedures, and reverse fan capacity requirements, have yet to be resolved. In short, the industry believes that the limited operating experience gained to date on small boilers cannot necessarily be extrapolated to the performance of much larger installations firing coals with widely varying characteristics.

To meet the NSPS for particulate emissions, the Unit 4 steam generator will use an ESP rather than a fabric filter installation. The selection is primarily based on the demonstrated availability and reliability of the ESP on similar facilities firing high-sulfur coals. In addition, both the ESP and baghouses are considered to be capable of identical particulate collection efficiencies for boilers firing those coals under consideration for Unit 4. Indeed, the EPA recognizes similar control capabilities of ESPs and baghouses in their BACT Guidelines. The incorporation of the ESP in the design of the steam generation system is thus judged BACT for PM emissions from Unit 4, and no alternative control system that has been demonstrated to be capable of a higher degree of emission reduction is considered currently available for that unit.

5.2 Sulfur Dioxide

The proposed SO_2 control techniques and systems for the Unit 4 steam generator consist of fuel pretreatment (coal washing), sulfur retention in coal ash, and tail-gas cleaning (limestone FGD system). The alternative SO_2 control systems were evaluated according to their technical feasibility and their ability to achieve a higher degree of emission control.

The total percentage reduction in SO_2 emissions resulting from these processes will be either 90% or will be sufficient to limit actual emissions to 0.6 lb/MMBtu heat input, in compliance with the NSPS. The percentage reduction in potential emissions depends on the sulfur content of the coal; for coals with a sulfur content between 3.0 and 6.0 lb/MMBtu, the standard requires 90% reduction, and for coal with sulfur content between 1.0 and 3.0 lb/MMBtu, the required reduction ranges from 70% to 90%, with an SO_2 emission limitation of 0.6 lb/MMBtu determining the precise level of control.

The conceptual design of the Unit 4 SO_2 control system is based on the following assumed and calculated percentage reductions:

- 25% reduction in sulfur content by coal washing (although a 35% to 43% reduction has been achieved for those washed coals under consideration),
- 5% sulfur retention in coal ash either during pulverization or combustion, and
- 86% SO_2 removal by the FGD system. The overall percentage reduction is 90%, as required by the NSPS (see Section 4.2.2).

The alternative SO_2 control techniques and systems may be categorized as follows: (1) coal pretreatment, (2) combustion techniques, and (3) post-combustion systems. These systems are in various stages

of development or are commercially available for specific applications. In addition, within each of these categories, a number of unique processes may be available from different manufacturers.

5.2.1 Coal Pretreatment

The fuel pretreatment processes that are an alternative to coal washing are chemical coal cleaning and solvent refining. Neither of these processes have received full-scale application in the pretreatment of coal.

The former technique, chemical cleaning, generally uses the combination of pulverization followed by the addition of either an oxidation agent or a leachant. The sulfur compounds thus generated are removed by leaching or magnetic separation. Other chemical cleaning processes use more exotic techniques, such as General Electric's (GE) microwave radiation/gasification process and Dynatech's microbial action process. These two techniques are still in the early stages of development, and little information is available on their applicability and economic feasibility.

Table 5-2 summarizes the costs and effectiveness of chemical cleaning processes currently under development versus physical coal cleaning. These alternative processes are neither economically competitive nor sufficiently demonstrated to be considered viable for application to Unit 4 coal. Note that data on the Dynatech and GE processes are insufficient to permit a detailed evaluation.

The latter fuel pretreatment process, that is, solvent refined coal (SRC) technologies, consists of dissolving pulverized raw coal in a coal-derived solvent in a hydrogen atmosphere at elevated temperature and pressure. To date, several demonstration plants have been operated in the United States; the economics and feasibility of these plants are still being evaluated. Consequently, SRC is not considered currently available for use by Unit 4.

TABLE 5-2

COSTS AND EFFECTIVENESS OF COAL CLEANING PROCESSES

Process	Plant Size (ton/hr)	Product Coal Btu Recovery (%)	Product Coal Sulfur Removal (%) Pyritic	Product Coal Sulfur Removal (%) Organic	Capital (10^6)	Costs Processing $/ton	Costs Processing $MMBtu
Physical	500	8-95	35-70	-	9.0	4.27	0.18
TRW/Meyers	380	90	95	-	145	10-14	0.82
Battelle	400	75-90	99	24-72	134-145	18-25	1.00
Hazen	330	76	80	-	48	14	0.60
KVB	330	90	99	13	68	23	0.98
Ledgemont (LOL)	330	93	95	-	150	19	0.81
Bureau of Mines/ERDA	330	94	95	15	130	19	0.84
Dynatech	330	NA	NA	NA	NA	4.05	NA
GE	400	NA	50 combined		NA	6.60	NA

5.2.2 Combustion Systems

The alternative combustion process to pulverized coal-fired steam generation is fluidized-bed combustion (FBC). FBC consists of burning coal in a bed of inert ash and active sorbent for SO_2 emission control. The bed is suspended by regulated air forced through the plate supporting the bed. The reactive sorbent generally used is either calcined dolomite or calcined lime. Two types of FBC systems are currently under development: atmospheric FBC steam generator and pressurized FBC combined cycle. Various bench-scale models, pilot plants, and prototype units have been developed and evaluated by several manufacturers. Major problems yet to be resolved include hot-gas cleanup, materials of construction, and lack of scale-up design data. FBC then is not currently considered practical or economical for application to full-scale electric generation.

5.2.3 Post Combustion Systems

Alternative post-combustion SO_2 control systems comprise numerous FGD systems, both regenerable and nonregenerable processes, using various reagents and absorber designs. However, the FGD systems considered currently available and capable of the SO_2 removal efficiencies required by the NSPS (approximately 90%) are limited to the following processes:

- nonregenerable:
  - limestone,
    lime, and
  - dual alkali;
- regenerable:
  - magnesium oxide (Chemico) and
  - sodium carbonate (Wellman-Lord).

Sufficient operational experience has been obtained on coal-fired boilers (pilot plants, prototype, or commercial unit) to permit an evaluation of costs, performance, and reliability associated with each of these FGD systems.

The factors considered in the selection of the limestone FGD system for SO_2 emission control from Unit 4 include: water consumption, energy penalty, capital and operating costs, availability, and performance. The last two factors determine the ability of an FGD system to achieve a higher degree of emissions reduction in potential SO_2 emissions.

The water requirements and energy penalties for the available nonregenerable FGD systems are similar and considerably lower than those of regenerable systems. The higher consumptive nature of the regenerable systems primarily results from additional requirements of the sulfur recovery systems. Table 5-3 presents the water and energy requirements for the five alternative systems, designed for a 425-Mw unit firing medium-sulfur coal.

The capital and annual operating and maintenance (O&M) costs for each of the alternative processes vary significantly depending on specific user requirements and coal characteristics. Generally, the capital cost for regenerable processes is considerably higher than that for nonregenerable processes because of the sulfur recovery system. Operating and maintenance costs are similar for all five processes if the FGD sludge from the nonregenerable systems is to be stabilized and disposed of by landfill. The disposal costs are highly labor intensive and are sensitive to the proximity of the landfill site to the source. If the gypsum produced by the FGD system is marketed, however, the O&M costs favor the nonregenerable systems. Table 5-4 summarizes the unit capital and annual costs for each of the five FGD systems as applied to a 425-Mw unit firing medium-sulfur coal in 1980 dollars. The SO_2 removal efficiency of the systems is assumed to be 90%. These costs are based on the assumption that the gypsum is marketed and the credit received is sufficient to cover the transport costs of the product. The other economic factors and unit costs used to derive O&M costs are also presented in this table.

TABLE 5-3

UTILITY AND ENERGY PENALTIES
FOR ALTERNATIVE FGD SYSTEMS

FGD System	Water Requirements gpm*	Water Requirements % of plant total	Energy Penalty Btu/kilowatt-hr	Energy Penalty % of plant input
Nonregnerable:				
Limestone	540	8.2	307	3.4
Lime	540	8.2	273	3.0
Dual Alkali	590	8.8	273	3.0
Regenerable:				
MgO (Chemico)	670	9.9	478	5.3
Na_2CO_3 (Wellman-Lord)	760	11.2	1,060	11.7

*gallons per minute

Source: EPA 1978.

TABLE 5-4

CAPITAL AND ANNUAL COSTS (1980 DOLLARS)
FOR ALTERNATIVE FGD SYSTEMS

FGD System	Capital Cost ($/kilowatt (kw))	Annual Costs (mills/kw-hr) O&M	Fixed Charges	Total
Nonregenerable*				
Limestone	145.20	3.4	5.8	9.2
Lime	124.50	3.7	5.0	8.7
Dual Alkali	163.80	4.2	6.5	12.2
Regenerable				
MgO (Chemico)	174.60	5.6	7.0	12.6
Na_2CO_3 (Wellman-Lord)	154.90	4.5	6.2	10.7

*Capital cost of sludge treatment would be approximately $15/kw and O&M costs, 1.5 mills/kw-hr.

Note: Economic Factors

Raw Materials:	
Limestone	$9.10/ton
Lime	40.20/ton
Soda Ash	105.00/ton
MgO	185.00/ton
Fuel Oil	15.00/ton
Credits:	
Sulfuric Acid	$25.00/ton
Salt Cake	50.00/ton
Gypsum	-0-
Electricity	25 mills/kw-hr
Capital Recovery	18.75% capital cost
Taxes/Insurance	4.00% capital cost

Operational experience indicates that the performance and availability of each FGD system are similar. Additionally, FGD system vendors will guarantee SO_2 removal efficiencies in excess of 90%. Because of these factors and the aforementioned economic and energy penalties associated with the alternative systems, the limestone FGD installation was selected for SO_2 control at Unit 4. Because no alternative system has been demonstrated to be consistently capable of "a higher degree of control" than that selected, a detailed cost-benefit analysis was not conducted for alternative FGD systems.

Another alternative control technique to that proposed is the combination of coal washing and tail-gas cleaning by an FGD system with an SO_2 removal efficiency of 90%. The overall percentage reduction of this alternative system would be greater than the 90% as required by the NSPS (in effect, no credit would be given for fuel pretreatment). This control technique would indeed ensure a higher degree of emission reduction than that proposed, but at a greater energy and economic penalty. A cost-benefit analysis of the proposed and this alternative system is documented in Section 6, which presents the environmental, economic, and energy impacts associated with each system.

5.3 Oxides of Nitrogen

The proposed control technology for NO_x emissions from the Unit 4 steam generator is considered the only currently available system capable of meeting the NSPS. The NSPS for NO_x emissions was based on the application of combustion modifications either in the boiler or combustion air control system. The only way to further reduce NO_x emissions is to use tail-gas treatment, including wet (oxidation followed by scrubbing) and dry (reduction) methods. These processes, however, are still in the early stages of development. The major work on flue gas treatment is being conducted in Japan, and, as yet, this treatment is commercially available only for oil- and gas-fired facilities. In the United States, the EPA is sponsoring programs on flue gas treatment, but no demonstration plant has yet gone into

operation. The use of off-stoichiometric combustion is thus judged BACT for control of NO_x emissions, and no alternative control system with a higher degree of emission reduction is currently available.

5.4 Carbon Monoxide

Carbon monoxide emissions from the Unit 4 boiler will be minimized by high excess-air operation and design of the combustion air control system. This system is judged BACT for the control of CO, because no alternative means of controlling this pollutant is currently available or under development.

5.5 Summary

The proposed control systems included in the design and operational procedures for the emission of PM, NO_x, and CO are considered BACT, because no alternative systems capable of a higher percentage reduction in potential emissions are currently available. For SO_2 emissions, fuel pretreatment and an FGD system with a combined percentage reduction in potential SO_2 emissions of 90% is proposed as BACT for emissions from the Unit 4 steam generator. An alternative SO_2 control system capable of a higher degree of control would consist of fuel pretreatment and an FGD system, the latter operated with an SO_2 removal efficiency of 90%. The selection and defense of the proposed SO_2 control system as BACT are documented in Section 6.

6. EVALUATION OF ALTERNATIVE SO_2 CONTROL SYSTEM

The alternative SO_2 control system that can achieve a higher degree of emission control consists of coal washing and tail-gas scrubbing by a limestone FGD system operated at 90% SO_2 removal efficiency. The overall reduction in potential SO_2 emissions resulting from this alternative combination of control techniques is about 93%, as compared to the 90% reduction from the proposed control system (note that the NSPS require a 90% reduction only). This higher efficiency would be achieved by passing the entire flue gas stream through the absorber rather than by by-passing a small fraction of the gases around the FGD system while scrubbing the remaining gas with about 90% SO_2 removal efficiency.

This section documents the evaluation of the alternative control system through a cost-benefit analysis. The incremental costs of the alternative control system over that proposed, that is, in raw material consumption, energy penalty, and economic costs, are weighed against the difference in environmental impact.

6.1 Raw Material Consumption

The FGD system consumes large quantities of raw material in the process of combining the SO_2 in the steam generator flue gas. The two principal material requirements are as follows.

- Limestone--limestone is required to replace the calcium combined with sulfur in the gypsum and that lost in excess feed (approximately 120% stoichiometric feed rate).
- Makeup water--makeup water is required for the recirculating limestone slurry because water is lost as a result of saturation of the flue gas, droplet entrainment in the flue gas, hydration of the gypsum, and the inefficiency of the FGD sludge dewatering system.

The incremental consumption of water and limestone has been computed on the basis of raising the FGD efficiency from 86% to 90%. The coals considered are assumed to have sulfur contents of 3.0 and 6.0 lb/MMBtu, covering the range of coals expected to be fired in Unit 4.

Based on the material balance presented in Table 4-6, the limestone consumption for these two coals' sulfur contents is 31,420 and 144,840 lb/hr, or 72,350 and 144,700 ton/year, respectively, based on an annual capacity factor of 52.57%. The impact of operating the FGD system at 90% efficiency would be to increase limestone feed by 1,510 and 3,016 lb/hr, or 3,472 and 6,944 ton/year for each of the two coals, respectively.

Water consumption of FGD systems varies with manufacturers' specifications and operating variables. The water consumption, however, would generally vary linearly with removal efficiency or total sulfur removed. Using the data presented in Table 5-3 for a 425-Mw unit firing medium-sulfur coal, a generic limestone system operating at 90% efficiency would consume water at 540 gallons per minute (gpm). Assuming the linear relationship between water consumption and total sulfur removed, the estimated incremental water requirement for 90% efficiency rather than 86% efficiency is 24 gpm.

6.2 Energy Penalties

There are four major processes that consume energy in the limestone FGD system:

- raw material handling processes including conveyors, grinders (ball-mills), mixers, and slurry pumps;
- prequenching/absorption process involving pumps and agitators;
- booster fans to compensate for the pressure drop across the FGD system; and
- flue gas reheat system using fourth-point extraction steam to preheat ambient air before mixing with flue gases.

Based on conceptual design of the FGD system, the energy consumed by the first three processes varies linearly with the total sulfur removed or flue gas scrubbed. The energy requirements for the last process, reheat, is linearly related to the SO_2 removal efficiency from approximately 80% to 90%. Below 80% efficiency, reheat is no longer required because the energy in the by-passed flue gas stream is sufficient to elevate outlet gas temperature to about 150°F.

The two most energy-intensive processes are the booster fans and the reheat system. The power to the fans is linearly proportional to the volumetric flow rate and pressure drop across the FGD system. Assuming a total gas flow rate of 1,643,000 actual cubic feet per minute (acfm) at 267°F and a pressure drop of 10 in, WG, the energy requirements of the booster fans is 2,630 and 2,750 kilowatts (Kw), respectively, for FGD systems operating at 86% and 90% removal efficiency. The incremental energy consumption is then 120 Kw.

The reheat system consumes energy in fans used to force air through the heat exchanger and in extraction steam used to preheat the ambient air to approximately 300°F. The volume of air required varies from 0 to 280,000 standard cubic feet per minute (scfm) for efficiencies ranging from 80% to 90%. Assuming a pressure drop across the heat exchanger and reheat plenum of 2 in. WG, the energy requirement for the reheat fan is 56 Kw and 94 Kw for FGD efficiencies of 86% and 90%, respectively. The incremental power consumption is then 38 Kw.

The reheat system uses fourth-point extraction steam with an enthalpy of about 1,195 Btu/lb (160 psig, 350°F). Based on a heat exchanger efficiency of 85%, the required steam rate would range from 40,000 to 67,000 lb/hr for FGD efficiencies from 86% to 90%, respectively. The incremental steam requirement for the alternative FGD system is then 27,000 lb/hr. This quantity of steam is equivalent to an incremental energy penalty of 2,800 Kw of the units capacity.

The total incremental energy penalty of the alternative FGD system (90% SO_2 removal efficiency) resulting from booster and reheat fans is then 158 Kw; the incremental steam requirement for reheat steam is 27,000 lb/hr, (equivalent to 2.8 Mw of potential power generation).

6.3 Economic Impact

The incremental costs associated with the alternative FGD system, that is, operating the unit at 90% efficiency instead of 86% are a function of increased material and energy consumption and the incremental capability penalty. The major costs are associated with the energy requirements of the reheat system, which is not dependent on the total sulfur removed, but rather is a function of the FGD efficiency. Consequently, an average sulfur content of 4.5 lb/MMBtu was assumed for the cost analysis. In addition, the proposed FGD system will be designed to be capable of 90% SO_2 removal efficiency; hence, there are no incremental capital costs associated with the alternative. The economic factors, utility charges, and chemical costs used in developing incremental annual fixed charges and operating costs are presented in Table 6-1.

The total annual incremental cost (in 1985 dollars) of operating the FGD system at 90% efficiency is $713,830, which is equivalent to 0.193 mills/kwh. Table 6-2 summarizes the components of the incremental costs, detailing unit costs and annual consumption. Note that a principal component of this annual cost is the capability penalty, resulting primarily from the energy requirement for reheat steam. The capability penalty is based on an assumed overall efficiency for Unit 4 of 35% and an incremental steam requirement of 27,000 Btu/lb. Figure 6-1 graphically demonstrates the variability of incremental annual costs with FGD SO_2 removal efficiency ranging from 70% to 90%. The cost components of the reheat system are presented to emphasize their impact on overall costs.

TABLE 6-1

BASES OF CAPITAL AND ANNUAL COSTS FOR ALTERNATIVE FGD SYSTEM

Economic Factors:	
Annual Fixed Charge Rate	17.5%
Startup Date	1985
Annual Generation	1.957×10^9 kw-hr
Annual Fuel Consumption	9.510×10^5 ton
Escalation Factor	7%
Incremental Capability	$650/kw
Utility Costs:*	
Steam (165 psi)	$150/Mlb
Electricity	$0.033/kw-hr
Water	0.67/Mgal
Chemical Costs:*	
Limestone	$7.00/ton

*1979 Dollars

TABLE 6-2

INCREMENTAL ANNUAL FIXED AND OPERATING COSTS
FOR ALTERNATIVE FGD SYSTEM*

	Escalated Unit Cost	Annual Usage	Annual Cost
Capability Penalty:			$1,923,000
Operating Costs:			
Limestone	$10.5/ton	5,204/ton	$ 54,640
Electricity	$0.05/kw-hr	727,600 kw-hr	36,380
Steam	$2.25/Mlb	124,300 Mlb	279,680
Water	$1.00/Mgal	6,630 Mgal	6,630
		Subtotal	$377,330
		Mills/kw-hr	0.193
		$/ton coal	0.397
Fixed Charges:			$336,500
		Total	$713,830
		Mills/kw-hr	0.365
		$/ton coal	0.751

*1985 dollars

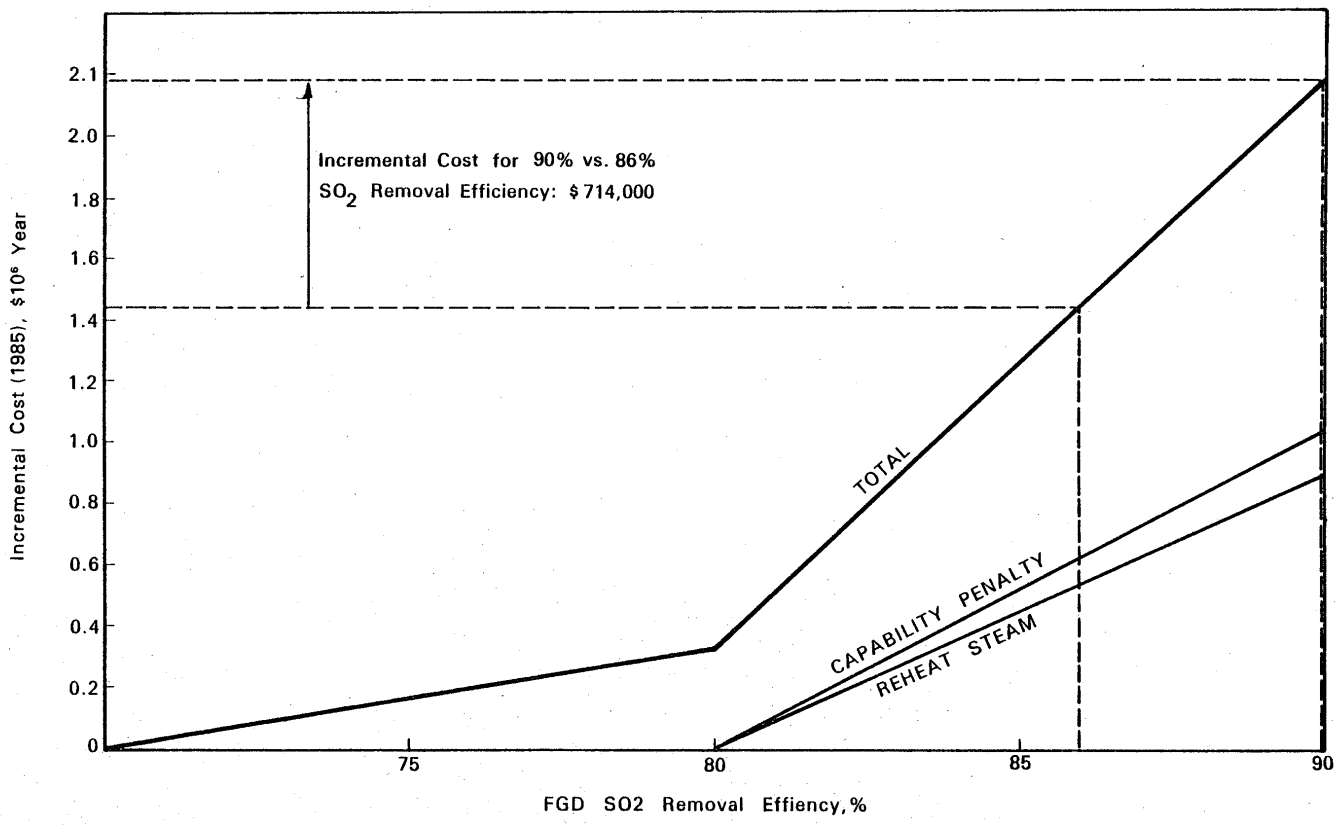

Figure 6-1 Incremental Annual Cost (1985 Prices) vs. FGD SO_2 Removal Efficiency

6.4 Environmental Impact

The SO_2 emissions from Unit 4 with both the proposed and alternative FGD systems in operation are in compliance with federal NSPS and Florida APR. Likewise, the predicted ground-level SO_2 concentrations resulting from Unit 4 operation will be in compliance with the National Ambient Air Quality Standards (NAAQS) and PSD allowable increments. The dispersion analysis used to predict air quality impact is presented in Volume I.

Operating the FGD system at 90% efficiency instead of 86% reduces the total SO_2 burden to the atmosphere by 740 lb/hr, or 1,705 ton/year. This represents a reduction of less than 1% in maximum 1-hour SO_2 emissions from Big Bend Station. The difference in the air quality impact resulting from operation of the alternative SO_2 control system will, therefore, be negligible.

6.5 Summary

The annual incremental penalties associated with raising the SO_2 removal efficiency of the FGD from 86% to 90% are summarized below:

- water consumption: 6,630 M gal,
- limestone: 3,480 to 6,950 ton,
- electrical power: 727,600 kw,
- steam: 124,300 Mlb, and
- costs: $713,830.

The percentage of Unit 4 maximum rated capacity that will be required for the alternative system is 0.7%, which is equivalent to about 3 Mw. The annual reduction in SO_2 burden to the atmosphere would be 1,705 tons, representing less than 1% of Big Bend Station maximum hourly emission.

7. SUMMARY AND CONCLUSIONS

The proposed Big Bend Station Unit 4 has been designed to comply with applicable state and federal air quality regulations. The control techniques and systems incorporated in the design and operational procedures for Unit 4 consist of the following.

- Fugitive dust emissions resulting from the receiving, handling, and storage of coal and limestone will be minimized by a combination of techniques, including surface moisture content of coal in storage piles; particle size of received limestone; containment and control of transfer points, conveyors, and crushing equipment; and proper maintenance of coal and limestone handling facilities.
- PM emissions from the boiler will be controlled by an ESP installed at the exit of the air preheater.
- SO_2 emissions will be minimized by a combination of coal washing and tail-gas cleaning using a limestone FGD system.
- NO_x formation during combustion will be inhibited by the proper operation and design of the boiler and combustion air control system.
- CO emissions will be minimized by high excess-air operation and design of the combustion air control system.

Currently, there are no available alternative air pollution control systems that are capable of a higher degree of control of PM, NO, and CO emissions from the Unit 4 steam generator. Hence, the proposed control systems for these pollutants are judged BACT for those pollutants. Alternative FGD systems are not considered capable of collection efficiencies greater than that of limestone FGD systems and, therefore, were excluded from further analysis. A limestone FGD system operated at 90% SO_2 removal efficiency (93% overall reduction) rather than the efficiency required by the NSPS of

approximately 86% (90% overall reduction), was considered to be the only technically available system capable of a higher degree of control.

The selection of the proposed SO_2 control system was based on a cost-benefit analysis, which considered energy, environmental, and economic impacts of the proposed and alternative techniques. The incremental economic and energy penalties for the alternative control systems were compared to the reduction in SO_2 emissions.

The total incremental annual cost, including capability penalty, chemical usage, and utility charged for the alternative SO_2 control system, is $713,830 (1985 prices). The associated reduction in annual SO_2 emissions is 1,705 tons, less than 1% of the total emissions of the Big Bend Station. The cost for the additional SO_2 reduction, therefore, is $420/ton. This incremental cost of the alternative versus the proposed system is proportional to the increase in SO_2 removed for Unit 4 (about 4%).

The incremental cost is deemed economically unjustified. The incremental energy consumption of the alternative SO_2 control system consists of the power requirements for the booster fans and reheat system fans and enthalpy of the reheat steam. The total combined energy requirement is 2,958 Kw, which is equivalent to about 0.7% of the net generating capacity of Unit 4. The annual energy penalty for the alternative system is approximately 8,000 Kw/ton of SO_2 removed. The additional coal required to compensate for the incremental energy penalty is 18,420 ton/yr, which is equivalent to 4 tons of coal per ton of SO_2 reduction. The incremental power generation required for the alternative SO_2 control system (approximately 23%) was not considered to be a judicious commitment of energy resources considering the incremental reduction of SO_2 emissions from the proposed unit (approximately 4%) or the total from the Big Bend Station (less than 1%).

The proposed SO_2 control system, that is, the combination of coal washing and tail-gas cleaning with an overall SO_2 reduction of 90%, was assessed to be technically and economically BACT, providing acceptable control of SO_2 emissions and a judicious use of natural resources.

REFERENCES

EPA 1975 Program for Reduction for NO_x from Tangential Coal-Fired Boilers (Phase II). EPA-650/2-73-005-a.

EPA 1978 Electric Utility Steam Generating Units: Background Information for Proposed SO_2 Emission Standards. EPA-450/2-78-007a.

APPENDIX A

Appendix A: Descriptions of Atmospheric Dispersion Models

DESCRIPTIONS OF ATMOSPHERIC DISPERSION MODELS

THE AIR QUALITY DISPLAY MODEL

The Air Quality Display Model (AQDM) was developed by the U.S. Environmental Protection Agency and is an approved technique for computing annual or seasonal arithmetic average concentrations of gaseous and suspended particulate pollutants. The AQDM is based on the diffusion model developed by Martin and Tikvart (1968). It uses the Pasquill-Gifford plume dispersion equation, which is summarized by Turner (1969) and the plume rise equation developed by Briggs (1972) to simulate plume behavior.

Annual average emissions data and stack parameters from multiple point sources are used as inputs to the AQDM in conjunction with annual or seasonal meteorological stability wind rose data to determine ground-level concentrations at designated receptor points and points comprising a receptor grid network. The model can be calibrated by comparing ambient air quality data for a given annual time period with computed concentrations obtained from the AQDM using emissions and meteorological data for the same period. Once calibrated, the AQDM may be used to predict ambient air quality for any annual time period by adjusting the input data to correspond to the time period of interest.

According to the Pasquill-Gifford diffusion equation, the concentration, C, at a position (x, y, z) for the substances emitted at (0, 0, H) is given by:

$$C(x,y,z;H) = \frac{Q}{2\pi\sigma_y\sigma_z u} \quad \exp\,[-1/2(y_{\sigma_y})^2]A$$

for:

$$A = \exp\,[-1/2(z-H/\sigma_z)^2] + \exp\,([-1/2(z+H/\sigma_z)^2]$$

where:

C (x, y, z; H) = pollutant concentration (grams/meter^3) at point x, y, z for an effective stack height, H

Q = emission rate (grams/sec)

$\sigma y, \sigma z$ = standard deviation of the plume concentration distribution in the cross plume and vertical directions (meters). (σ_y and σ_z are given as functions of downwind distance and atmospheric stability.)

In the AQDM, the effective stack height, H, is computed from the Briggs plume rise equation according to the relation:

$$H = h + 1.6F^{1/3}u^{-1}\ (3.5z)^{2/3} \quad \text{for } r > 3.5z$$

and

$$H = h + 1.6F^{1/3}u^{-1}\ r^{2/3} \quad \text{for } r \leq 3.5z$$

$$z = 34F^{2/5} \quad \text{if } F > 55$$

$$z = 14F^{5/8} \quad \text{if } F \leq 55$$

H = effective stack height (meters)

h = actual stack height (meters)

$F = gV_sR_s^2\ [(T_s - T_a)/T_s]$ (meters^4/seconds^3)

g = acceleration due to gravity (meters/sec^2)

V_s = exit velocity of stack gases (meters/sec)

R_s = inside radius of stack (meters)

T_s = exit temperature of stack gases (°K)

T_a = ambient air temperature

U = wind speed at stack height

r = distance from source to receptor (meters)

THE PTMTPW SHORT-TERM MODEL

The PTMTPW is an EPA model which is a modified version of the PTMTP model. The major difference in the PTMTPW is that this model accounts for the vertical wind shear effect (increase in wind speed with height) which is known to exist in the atmospheric boundary layer. Hourly wind speeds are input into the model along with the height at which the measurements were made. The wind shear correction at stack height for each source is then accomplished by use of the following equation:

$$U_Z = U_L\left(\frac{Z}{Z_o}\right)^P$$

where U_L is the wind speed at height Z_o, Z is the stack height or emission release point, and P depends upon atmospheric stability class (De-Marrais, 1959).

The effect of the wind shear modification is to increase ground-level concentrations as compared to those calculated by the PTMTP model. All other calculation techniques used by the PTMTPW to estimate ground-level pollutant concentrations are the same as those used in the PTMTP. It is important to note that since the wind shear modification tends to increase ground-level concentrations over those calculated by the PTMTP, the PTMTPW should overcalculate actual concentrations even more severely than the PTMTP.

In addition to a wind shear law, the model uses an hourly average emission inventory and stack data from multiple point sources in conjunction with hourly meteorological data to calculate hourly pollutant concentrations at designated receptor points. These hourly concentrations can be averaged over longer periods of time, such as 3 hours or 24 hours, in order to aid in the comparison of calculated concentrations with concentrations observed over a period of time greater than one hour. The PTMTPW uses the Pasquill-Gifford plume dispersion equation in conjunction with the plume rise equation developed by Briggs to simulate plume behavior. Using the Briggs

equation, effective stack height, H, is determined according to the following relation:

$$H = h + 1.6F^{1/3}u^{-1}\ (3.5z)^{2/3} \quad \text{for } r > 3.5z$$

and

$$H = h + 1.6F^{1/3}u^{-1}\ r^{2/3} \quad \text{for } r \leq 3.5z$$

$$z = 34F^{2/5} \quad \text{if } F > 55$$

$$z = 14F^{5/8} \quad \text{if } F \leq 55$$

H = effective stack height (meters)

h = actual stack height (meters)

$F = gV_sR_s^2\ [(T_s - T_a)/T_s]$ (meters^4/seconds^3)

g = acceleration due to gravity (meters/sec^2)

V_s = exit velocity of stack gases (meters/sec)

R_s = inside radius of stack (meters)

T_s = exit temperature of stack gases (°K)

T_a = ambient air temperature

U = wind speed at stack height

r = distance from source to receptor (meters)

THE CRSTER MODEL

CRSTER is a steady state Gaussian plume model applicable in flat or complex terrain. The purposes of the model are to: (1) determine the maximum concentrations from a single facility for various averaging times using one or more years of meteorological data, (2) determine the meteorological conditions which cause these maximum concentrations and, (3) store concentration information useful in calculating frequency distributions for various averaging times.

A concentration for each hour of the year is calculated from emissions data, stack parameters, and hourly meteorological conditions. Twenty-four hour averages are calculated from midnight-to-midnight of each day. Three-hour averages are calculated for non-overlapping consecutive three-hour periods. Variable averaging times of 8, 4, 2-hour and others are also available through a program option.

General output for the model includes tables of the highest and second highest 1, 3, and 24-hour concentrations at each receptor for each year of meteorological data input plus a table of the annual arithmetical average concentration at each receptor. Receptors are specified for five downwind distances. For each downwind distance, receptors are located along the 36 standard wind directions (10°, 20°, ...360°), resulting in a total of 180 receptors. Hourly concentrations for each receptor can be output onto magnetic tape for further processing of frequency distributions.

ESE's CRSTER model has the following added options:

1. A variable number of years of meteorological data can be entered into one computer run.
2. Composite concentration tables are printed after all years have been processed. There are composite concentration tables for the annual 24, 3, 1, and variable-hour highest and second

highest concentrations at each receptor. This option facilitates the development of concentration isopleth maps for selected averaging times.

3. An option is available for writing the composite tables onto disk or tape in order to simplify the determination of maximum PSD increments over the entire 180-receptor grid.

Using the final plume rise equation of Briggs (1972), the effective stack height, H, is determined according to the following equations:

$$H = h + 1.6F^{1/3}U^{-1}(3.5z)^{2/3} \quad \text{for } r > 3.5z$$

and

$$H = h + 1.6F^{1/3}u^{-1}r^{2/3} \quad \text{for } r \leq 3.5z$$

$$z = 34F^{2/5} \quad \text{if } F > 55$$

$$z = 14F^{5/8} \quad \text{if } F \leq 55$$

H = effective stack height (m)

h = physical stack height (m)

F = buoyancy flux term $gV_sR_s^2\,[(T_s - T_a)/T_s]$ (m^4/sec^3)

g = acceleration of gravity (m/sec^2)

V_s = stack gas exit velocity (m/sec)

R_s = stack inner radius (m)

T_s = exit stack gases temperature (°K)

T_a = ambient air temperature (°K)

U = wind speed at stack height (m/sec)

r = distance from source to receptor (m)

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Turner, D.B. 1969. "Workbook of Atmospheric Dispersion Estimates," PHS No. 00-AP026 (NTIS PB 191 482), Office of Technical Information and Publications, U.S. EPA, Research Triangle Park, North Carolina.

APPENDIX B

Appendix B: AQDM Model Output

BIG BEND UNIT 4 ONLY

BIG BEND UNIT 4 ONLY

Image Quality
As you review the next group of images, Please note that the original documents
were of poor quality.

BIG BEND 4 UNIT - SO2 & TSP

SOURCE DATA

SOURCE NUMBER	SOURCE LOCATION (KILOMETERS) HORIZONTAL	VERTICAL	SOURCE AREA SQUARE KILOMETERS	ANNUAL SOURCE EMISSION RATE (TONS/DAY) SO2	PART	STACK DATA HT (M)	DIAM (M)	VEL (M/SEC)	TEMP (DEG.K)	
1	361.6	3075.0	0.0	67.565	1.689	149.3	7.3	30.3	370.	BIG BEND UNIT 4

BIG BEND 4 ONLY - SO2 & TSP

METEOROLOGICAL INPUT DATA FOR THE ANNUAL SEASON

MIXING DEPTH = 1394. METERS
AMBIENT TEMPERATURE = 292. DEGREES,KELVIN
AMBIENT PRESSURE = 1017. MILLIBARS

STABILITY CLASS 1

	WINDSPEED CLASS					
WIND DIRECTION	1	2	3	4	5	6
N	0.0000	0.0002	0.0	0.0	0.0	0.0
NNE	0.0000	0.0002	0.0	0.0	0.0	0.0
NE	0.0000	0.0002	0.0	0.0	0.0	0.0
ENE	0.0000	0.0001	0.0	0.0	0.0	0.0
E	0.0001	0.0003	0.0	0.0	0.0	0.0
ESE	0.0001	0.0002	0.0	0.0	0.0	0.0
SE	0.0000	0.0002	0.0	0.0	0.0	0.0
SSE	0.0001	0.0002	0.0	0.0	0.0	0.0
S	0.0001	0.0002	0.0	0.0	0.0	0.0
SSW	0.0000	0.0002	0.0	0.0	0.0	0.0
SW	0.0001	0.0004	0.0	0.0	0.0	0.0
WSW	0.0001	0.0003	0.0	0.0	0.0	0.0
W	0.0001	0.0003	0.0	0.0	0.0	0.0
WNW	0.0001	0.0002	0.0	0.0	0.0	0.0
NW	0.0000	0.0000	0.0	0.0	0.0	0.0
NNW	0.0000	0.0001	0.0	0.0	0.0	0.0

BIG BEND 4 ONLY - SO2 & TSP

METEOROLOGICAL INPUT DATA FOR THE ANNUAL SEASON

STABILITY CLASS 2

WIND DIRECTION	WINDSPEED CLASS 1	2	3	4	5	6
N	0.0005	0.0013	0.0009	0.0	0.0	0.0
NNE	0.0004	0.0013	0.0008	0.0	0.0	0.0
NE	0.0004	0.0012	0.0009	0.0	0.0	0.0
ENE	0.0005	0.0013	0.0014	0.0	0.0	0.0
E	0.0008	0.0029	0.0027	0.0	0.0	0.0
ESE	0.0007	0.0019	0.0011	0.0	0.0	0.0
SE	0.0005	0.0012	0.0018	0.0	0.0	0.0
SSE	0.0003	0.0018	0.0018	0.0	0.0	0.0
S	0.0005	0.0016	0.0019	0.0	0.0	0.0
SSW	0.0003	0.0013	0.0018	0.0	0.0	0.0
SW	0.0003	0.0017	0.0026	0.0	0.0	0.0
WSW	0.0002	0.0018	0.0039	0.0	0.0	0.0
W	0.0005	0.0030	0.0061	0.0	0.0	0.0
WNW	0.0002	0.0008	0.0008	0.0	0.0	0.0
NW	0.0002	0.0005	0.0003	0.0	0.0	0.0
NNW	0.0003	0.0006	0.0005	0.0	0.0	0.0

BIG BEND 4 ONLY - SO2 & TSP

METEOROLOGICAL INPUT DATA FOR THE ANNUAL SEASON

STABILITY CLASS 3

WIND DIRECTION	WINDSPEED CLASS 1	2	3	4	5	6
N	0.0002	0.0010	0.0034	0.0005	0.0	0.0
NNE	0.0001	0.0011	0.0041	0.0005	0.0	0.0
NE	0.0001	0.0016	0.0054	0.0008	0.0	0.0
ENE	0.0004	0.0029	0.0085	0.0011	0.0	0.0
E	0.0006	0.0057	0.0117	0.0017	0.0000	0.0
ESE	0.0002	0.0029	0.0065	0.0010	0.0000	0.0
SE	0.0003	0.0022	0.0072	0.0013	0.0	0.0
SSE	0.0003	0.0022	0.0069	0.0009	0.0	0.0
S	0.0002	0.0020	0.0053	0.0013	0.0	0.0000
SSW	0.0002	0.0010	0.0058	0.0018	0.0000	0.0
SW	0.0001	0.0015	0.0052	0.0010	0.0	0.0
WSW	0.0001	0.0017	0.0076	0.0013	0.0000	0.0
W	0.0002	0.0021	0.0159	0.0064	0.0003	0.0
WNW	0.0001	0.0007	0.0029	0.0012	0.0000	0.0000
NW	0.0000	0.0005	0.0018	0.0006	0.0000	0.0
NNW	0.0001	0.0008	0.0019	0.0006	0.0001	0.0000

BIG BEND 4 ONLY - SO2 & TSP

METEOROLOGICAL INPUT DATA FOR THE ANNUAL SEASON

STABILITY CLASS 4

WIND DIRECTION	WINDSPEED CLASS 1	2	3	4	5	6
N	0.0005	0.0026	0.0103	0.0081	0.0005	0.0
NNE	0.0004	0.0032	0.0079	0.0068	0.0002	0.0000
NE	0.0005	0.0032	0.0105	0.0105	0.0004	0.0000
ENE	0.0006	0.0045	0.0138	0.0098	0.0003	0.0
E	0.0010	0.0077	0.0235	0.0168	0.0005	0.0000
ESE	0.0005	0.0035	0.0134	0.0073	0.0002	0.0
SE	0.0004	0.0031	0.0101	0.0075	0.0001	0.0000
SSE	0.0003	0.0029	0.0102	0.0076	0.0003	0.0000
S	0.0007	0.0036	0.0118	0.0102	0.0007	0.0001
SSW	0.0003	0.0019	0.0076	0.0084	0.0007	0.0000
SW	0.0002	0.0015	0.0045	0.0034	0.0001	0.0000
WSW	0.0003	0.0018	0.0065	0.0047	0.0002	0.0
W	0.0002	0.0026	0.0164	0.0211	0.0006	0.0001
WNW	0.0004	0.0011	0.0060	0.0091	0.0011	0.0004
NW	0.0003	0.0017	0.0061	0.0095	0.0011	0.0003
NNW	0.0002	0.0015	0.0066	0.0094	0.0013	0.0001

BIG BEND 4 ONLY - SO2 & TSP

METEOROLOGICAL INPUT DATA FOR THE ANNUAL SEASON

STABILITY CLASS 5

WIND DIRECTION	WINDSPEED CLASS 1	2	3	4	5	6
N	0.0043	0.0127	0.0067	0.0	0.0	0.0
NNE	0.0047	0.0119	0.0050	0.0	0.0	0.0
NE	0.0063	0.0181	0.0078	0.0	0.0	0.0
ENE	0.0112	0.0337	0.0094	0.0	0.0	0.0
E	0.0158	0.0487	0.0135	0.0	0.0	0.0
ESE	0.0094	0.0225	0.0068	0.0	0.0	0.0
SE	0.0055	0.0129	0.0052	0.0	0.0	0.0
SSE	0.0039	0.0125	0.0034	0.0	0.0	0.0
S	0.0037	0.0107	0.0029	0.0	0.0	0.0
SSW	0.0015	0.0045	0.0018	0.0	0.0	0.0
SW	0.0015	0.0060	0.0013	0.0	0.0	0.0
WSW	0.0018	0.0052	0.0020	0.0	0.0	0.0
W	0.0028	0.0068	0.0049	0.0	0.0	0.0
WNW	0.0026	0.0069	0.0035	0.0	0.0	0.0
NW	0.0041	0.0132	0.0049	0.0	0.0	0.0
NNW	0.0038	0.0102	0.0042	0.0	0.0	0.0

BIG BEND 4 ONLY - SO2 & TSP

INPUT REGRESSION PARAMETERS ARE:

POLLUTANT	Y-INTERCEPT	SLOPE
SO2	0.0	1.0000
PARTICULATES	0.0	1.0000

BIG BEND A ONLY - SO2 & TSP

RECEPTOR CONCENTRATION DATA

RECEPTOR NUMBER	RECEPTOR LOCATION (KILOMETERS) EAST	RECEPTOR LOCATION (KILOMETERS) NORTH	EXPECTED ARITHMETIC MEAN (MICROGRAMS/CU. METER) SO2	EXPECTED ARITHMETIC MEAN (MICROGRAMS/CU. METER) PARTICULATES
1	357.0	3070.0	0.	0.
2	357.0	3071.0	0.	0.
3	357.0	3072.0	0.	0.
4	357.0	3073.0	0.	0.
5	357.0	3074.0	0.	0.
6	357.0	3075.0	0.	0.
7	357.0	3076.0	0.	0.
8	357.0	3077.0	0.	0.
9	357.0	3078.0	0.	0.
10	357.0	3079.0	0.	0.
11	357.0	3080.0	0.	0.
12	358.0	3070.0	0.	0.
13	358.0	3071.0	0.	0.
14	358.0	3072.0	0.	0.
15	358.0	3073.0	0.	0.
16	358.0	3074.0	0.	0.
17	358.0	3075.0	0.	0.
18	358.0	3076.0	0.	0.
19	358.0	3077.0	0.	0.
20	358.0	3078.0	0.	0.
21	358.0	3079.0	0.	0.
22	358.0	3080.0	0.	0.
23	359.0	3070.0	0.	0.
24	359.0	3071.0	0.	0.
25	359.0	3072.0	0.	0.
26	359.0	3073.0	0.	0.
27	359.0	3074.0	0.	0.
28	359.0	3075.0	0.	0.
29	359.0	3076.0	0.	0.
30	359.0	3077.0	0.	0.
31	359.0	3078.0	0.	0.
32	359.0	3079.0	0.	0.
33	359.0	3080.0	0.	0.
34	360.0	3070.0	0.	0.
35	360.0	3071.0	0.	0.
36	360.0	3072.0	0.	0.
37	360.0	3073.0	0.	0.
38	360.0	3074.0	0.	0.
39	360.0	3075.0	0.	0.
40	360.0	3076.0	0.	0.

BIG BEND 4 ONLY - SO2 & TSP

RECEPTOR CONCENTRATION DATA

RECEPTOR NUMBER	RECEPTOR LOCATION (KILOMETERS) EAST	RECEPTOR LOCATION (KILOMETERS) NORTH	EXPECTED ARITHMETIC MEAN (MICROGRAMS/CU. METER) SO2	EXPECTED ARITHMETIC MEAN (MICROGRAMS/CU. METER) PARTICULATES
41	360.0	3077.0	0.	0.
42	360.0	3078.0	0.	0.
43	360.0	3079.0	0.	0.
44	360.0	3080.0	0.	0.
45	361.0	3070.0	0.	0.
46	361.0	3071.0	0.	0.
47	361.0	3072.0	0.	0.
48	361.0	3073.0	0.	0.
49	361.0	3074.0	0.	0.
50	361.0	3075.0	0.	0.
51	361.0	3076.0	0.	0.
52	361.0	3077.0	0.	0.
53	361.0	3078.0	0.	0.
54	361.0	3079.0	0.	0.
55	361.0	3080.0	0.	0.
56	362.0	3070.0	0.	0.
57	362.0	3071.0	0.	0.
58	362.0	3072.0	0.	0.
59	362.0	3073.0	0.	0.
60	362.0	3074.0	0.	0.
61	362.0	3075.0	0.	0.
62	362.0	3076.0	0.	0.
63	362.0	3077.0	0.	0.
64	362.0	3078.0	0.	0.
65	362.0	3079.0	0.	0.
66	362.0	3080.0	0.	0.
67	363.0	3070.0	0.	0.
68	363.0	3071.0	0.	0.
69	363.0	3072.0	0.	0.
70	363.0	3073.0	0.	0.
71	363.0	3074.0	0.	0.
72	363.0	3075.0	0.	0.
73	363.0	3076.0	0.	0.
74	363.0	3077.0	0.	0.
75	363.0	3078.0	0.	0.
76	363.0	3079.0	0.	0.
77	363.0	3080.0	0.	0.
78	364.0	3070.0	0.	0.
79	364.0	3071.0	0.	0.
80	364.0	3072.0	0.	0.

BIG BEND 4 ONLY - SO2 & TSP

RECEPTOR CONCENTRATION DATA

RECEPTOR NUMBER	RECEPTOR LOCATION (KILOMETERS) EUBIZ	VERT	EXPECTED ARITHMETIC MEAN (MICROGRAMS/CU. METER) SO2	PARTICULATES
81	364.0	3073.0	0.	0.
82	364.0	3074.0	0.	0.
83	364.0	3075.0	0.	0.
84	364.0	3076.0	0.	0.
85	364.0	3077.0	0.	0.
86	364.0	3078.0	0.	0.
87	364.0	3079.0	0.	0.
88	364.0	3080.0	0.	0.
89	365.0	3070.0	0.	0.
90	365.0	3071.0	0.	0.
91	365.0	3072.0	0.	0.
92	365.0	3073.0	0.	0.
93	365.0	3074.0	0.	0.
94	365.0	3075.0	1.	0.
95	365.0	3076.0	0.	0.
96	365.0	3077.0	0.	0.
97	365.0	3078.0	0.	0.
98	365.0	3079.0	0.	0.
99	365.0	3080.0	0.	0.
100	366.0	3070.0	0.	0.
101	366.0	3071.0	0.	0.
102	366.0	3072.0	0.	0.
103	366.0	3073.0	0.	0.
104	366.0	3074.0	0.	0.
105	366.0	3075.0	1.	0.
106	366.0	3076.0	1.	0.
107	366.0	3077.0	0.	0.
108	366.0	3078.0	0.	0.
109	366.0	3079.0	0.	0.
110	366.0	3080.0	0.	0.
111	367.0	3070.0	0.	0.
112	367.0	3071.0	0.	0.
113	367.0	3072.0	0.	0.
114	367.0	3073.0	0.	0.
115	367.0	3074.0	1.	0.
116	367.0	3075.0	1.	0.
117	367.0	3076.0	1.	0.
118	367.0	3077.0	1.	0.
119	367.0	3078.0	0.	0.
120	367.0	3079.0	0.	0.

BIG BEND 4 ONLY - SO2 & TSP

RECEPTOR CONCENTRATION DATA				
RECEPTOR NUMBER	RECEPTOR LOCATION (KILOMETERS)		EXPECTED ARITHMETIC MEAN (MICROGRAMS/CU. METER)	
	HORIZ	VERT	SO2	PARTICULATES
121	343.0	3080.0	0	0

BIG BEND 4 ONLY - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL SO2

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 114	RECEPTOR 105	RECEPTOR 117	RECEPTOR 115	RECEPTOR 104
1	100.00 % 0.9853	100.00 % 0.8171	100.00 % 0.7404	100.00 % 0.6031	100.00 % 0.5808
BACK-GROUND	0.0 % 0.	0.0 % 0.	0.0 % 0.	0.0 % 0.	0.0 % 0.
TOTAL	100.0 % 0.9853	100.0 % 0.8171	100.0 % 0.7404	100.0 % 0.6031	100.0 % 0.5808

TECO BIG BEND ONLY - PROJECTED

TECO BIG BEND UNITS 1-4 PROJECTED

SOURCE DATA

SOURCE NUMBER	SOURCE LOCATION (KILOMETERS) HORIZONTAL	VERTICAL	SOURCE AREA SQUARE KILOMETERS	ANNUAL SOURCE EMISSION RATE (TONS/DAY) SO2	PART	STACK DATA HT (M)	DIAM (M)	VEL (M/SEC)	TEMP (DEG.K)	
1	361.6	3075.0	0.0	199.391	4.844	149.3	7.3	28.6	422.	TECO-BIGB 39-01
2	361.6	3075.0	0.0	197.364	4.795	149.3	7.3	28.6	422.	TECO-BIGB 39-02
3	361.6	3075.0	0.0	203.203	4.938	149.3	7.3	30.3	370.	TECO-BIGB 39-03
4	361.6	3075.0	0.0	67.565	1.689	149.3	7.3	30.3	370.	BIG BEND UNIT 4

25 T/H

TECO BIG BEND UNITS 1-4 PROJECTED

METEOROLOGICAL INPUT DATA FOR THE ANNUAL SEASON

MIXING DEPTH = 1394. METERS
AMBIENT TEMPERATURE = 292. DEGREES,KELVIN
AMBIENT PRESSURE = 1017. MILLIBARS

STABILITY CLASS 1

	WINDSPEED CLASS					
WIND DIRECTION	1	2	3	4	5	6
N	0.0000	0.0002	0.0	0.0	0.0	0.0
NNE	0.0000	0.0002	0.0	0.0	0.0	0.0
NE	0.0000	0.0002	0.0	0.0	0.0	0.0
ENE	0.0000	0.0001	0.0	0.0	0.0	0.0
E	0.0001	0.0003	0.0	0.0	0.0	0.0
ESE	0.0001	0.0002	0.0	0.0	0.0	0.0
SE	0.0000	0.0002	0.0	0.0	0.0	0.0
SSE	0.0001	0.0002	0.0	0.0	0.0	0.0
S	0.0001	0.0002	0.0	0.0	0.0	0.0
SSW	0.0000	0.0002	0.0	0.0	0.0	0.0
SW	0.0001	0.0004	0.0	0.0	0.0	0.0
WSW	0.0001	0.0003	0.0	0.0	0.0	0.0
W	0.0001	0.0003	0.0	0.0	0.0	0.0
WNW	0.0001	0.0002	0.0	0.0	0.0	0.0
NW	0.0000	0.0000	0.0	0.0	0.0	0.0
NNW	0.0000	0.0001	0.0	0.0	0.0	0.0

TECO BIG BEND UNITS 1-4 PROJECTED

METEOROLOGICAL INPUT DATA FOR THE ANNUAL SEASON

STABILITY CLASS 2

WIND DIRECTION	WINDSPEED CLASS 1	2	3	4	5	6
N	0.0005	0.0013	0.0009	0.0	0.0	0.0
NNE	0.0004	0.0013	0.0008	0.0	0.0	0.0
NE	0.0004	0.0012	0.0009	0.0	0.0	0.0
ENE	0.0005	0.0013	0.0014	0.0	0.0	0.0
E	0.0008	0.0029	0.0027	0.0	0.0	0.0
ESE	0.0007	0.0017	0.0011	0.0	0.0	0.0
SE	0.0005	0.0012	0.0018	0.0	0.0	0.0
SSE	0.0003	0.0018	0.0018	0.0	0.0	0.0
S	0.0005	0.0016	0.0019	0.0	0.0	0.0
SSW	0.0003	0.0013	0.0018	0.0	0.0	0.0
SW	0.0003	0.0017	0.0026	0.0	0.0	0.0
WSW	0.0002	0.0018	0.0039	0.0	0.0	0.0
W	0.0005	0.0030	0.0061	0.0	0.0	0.0
WNW	0.0002	0.0008	0.0008	0.0	0.0	0.0
NW	0.0002	0.0005	0.0003	0.0	0.0	0.0
NNW	0.0003	0.0006	0.0005	0.0	0.0	0.0

TECO BIG BEND UNITS 1-4 PROJECTED

METEOROLOGICAL INPUT DATA FOR THE ANNUAL SEASON

STABILITY CLASS 3

WIND DIRECTION	WINDSPEED CLASS 1	2	3	4	5	6
N	0.0002	0.0010	0.0034	0.0005	0.0	0.0
NNE	0.0001	0.0011	0.0041	0.0005	0.0	0.0
NE	0.0001	0.0016	0.0054	0.0008	0.0	0.0
ENE	0.0004	0.0029	0.0085	0.0011	0.0	0.0
E	0.0006	0.0057	0.0117	0.0017	0.0000	0.0
ESE	0.0002	0.0029	0.0065	0.0010	0.0000	0.0
SE	0.0003	0.0022	0.0072	0.0013	0.0	0.0
SSE	0.0003	0.0022	0.0069	0.0009	0.0	0.0
S	0.0002	0.0020	0.0053	0.0013	0.0	0.0000
SSW	0.0002	0.0010	0.0058	0.0018	0.0000	0.0
SW	0.0001	0.0015	0.0052	0.0010	0.0	0.0
WSW	0.0001	0.0017	0.0076	0.0013	0.0000	0.0
W	0.0002	0.0021	0.0159	0.0064	0.0003	0.0
WNW	0.0001	0.0007	0.0029	0.0012	0.0000	0.0000
NW	0.0000	0.0005	0.0018	0.0006	0.0000	0.0
NNW	0.0001	0.0008	0.0019	0.0006	0.0001	0.0000

TECO BIG BEND UNITS 1-4 PROJECTED

METEOROLOGICAL INPUT DATA FOR THE ANNUAL SEASON

STABILITY CLASS 4

WIND DIRECTION	WINDSPEED CLASS 1	2	3	4	5	6
N	0.0005	0.0026	0.0103	0.0081	0.0005	0.0
NNE	0.0004	0.0032	0.0079	0.0068	0.0002	0.0000
NE	0.0005	0.0032	0.0105	0.0105	0.0004	0.0000
ENE	0.0006	0.0045	0.0138	0.0098	0.0003	0.0
E	0.0010	0.0077	0.0235	0.0168	0.0005	0.0000
ESE	0.0005	0.0035	0.0134	0.0073	0.0002	0.0
SE	0.0004	0.0031	0.0101	0.0075	0.0001	0.0000
SSE	0.0003	0.0029	0.0102	0.0076	0.0003	0.0000
S	0.0007	0.0036	0.0118	0.0102	0.0007	0.0001
SSW	0.0003	0.0019	0.0076	0.0084	0.0007	0.0000
SW	0.0002	0.0015	0.0045	0.0034	0.0001	0.0000
WSW	0.0003	0.0018	0.0065	0.0047	0.0002	0.0
W	0.0002	0.0026	0.0164	0.0211	0.0006	0.0001
WNW	0.0004	0.0011	0.0060	0.0091	0.0011	0.0004
NW	0.0003	0.0017	0.0061	0.0095	0.0011	0.0003
NNW	0.0002	0.0015	0.0066	0.0094	0.0013	0.0001

TECO BIG BEND UNITS 1-4 PROJECTED

METEOROLOGICAL INPUT DATA FOR THE ANNUAL SEASON

STABILITY CLASS 5

WIND DIRECTION	WINDSPEED CLASS 1	2	3	4	5	6
N	0.0043	0.0127	0.0067	0.0	0.0	0.0
NNE	0.0047	0.0119	0.0050	0.0	0.0	0.0
NE	0.0063	0.0181	0.0078	0.0	0.0	0.0
ENE	0.0112	0.0337	0.0094	0.0	0.0	0.0
E	0.0158	0.0487	0.0135	0.0	0.0	0.0
ESE	0.0094	0.0225	0.0068	0.0	0.0	0.0
SE	0.0055	0.0129	0.0052	0.0	0.0	0.0
SSE	0.0039	0.0125	0.0034	0.0	0.0	0.0
S	0.0037	0.0107	0.0029	0.0	0.0	0.0
SSW	0.0015	0.0045	0.0018	0.0	0.0	0.0
SW	0.0015	0.0060	0.0013	0.0	0.0	0.0
WSW	0.0018	0.0052	0.0020	0.0	0.0	0.0
W	0.0028	0.0068	0.0049	0.0	0.0	0.0
WNW	0.0026	0.0069	0.0035	0.0	0.0	0.0
NW	0.0041	0.0132	0.0049	0.0	0.0	0.0
NNW	0.0038	0.0102	0.0042	0.0	0.0	0.0

TECO BIG BEND UNITS 1-4 PROJECTED

INPUT REGRESSION PARAMETERS ARE:

POLLUTANT	Y-INTERCEPT	SLOPE
SO2	0.0	1.0000
PARTICULATES	0.0	1.0000

TECO BIG BEND UNITS 1-4 PROJECTED

RECEPTOR CONCENTRATION DATA

RECEPTOR NUMBER	RECEPTOR LOCATION (KILOMETERS) HORIZ	VERT	EXPECTED ARITHMETIC MEAN (MICROGRAMS/CU. METER) SO2	PARTICULATES
1	357.0	3070.0	2.	0.
2	357.0	3071.0	2.	0.
3	357.0	3072.0	2.	0.
4	357.0	3073.0	2.	0.
5	357.0	3074.0	3.	0.
6	357.0	3075.0	4.	0.
7	357.0	3076.0	3.	0.
8	357.0	3077.0	2.	0.
9	357.0	3078.0	3.	0.
10	357.0	3079.0	3.	0.
11	357.0	3080.0	3.	0.
12	358.0	3070.0	2.	0.
13	358.0	3071.0	2.	0.
14	358.0	3072.0	2.	0.
15	358.0	3073.0	1.	0.
16	358.0	3074.0	2.	0.
17	358.0	3075.0	2.	0.
18	358.0	3076.0	2.	0.
19	358.0	3077.0	2.	0.
20	358.0	3078.0	2.	0.
21	358.0	3079.0	3.	0.
22	358.0	3080.0	3.	0.
23	359.0	3070.0	2.	0.
24	359.0	3071.0	1.	0.
25	359.0	3072.0	1.	0.
26	359.0	3073.0	1.	0.
27	359.0	3074.0	1.	0.
28	359.0	3075.0	1.	0.
29	359.0	3076.0	1.	0.
30	359.0	3077.0	1.	0.
31	359.0	3078.0	2.	0.
32	359.0	3079.0	2.	0.
33	359.0	3080.0	3.	0.
34	360.0	3070.0	2.	0.
35	360.0	3071.0	1.	0.
36	360.0	3072.0	1.	0.
37	360.0	3073.0	0.	0.
38	360.0	3074.0	0.	0.
39	360.0	3075.0	1.	0.
40	360.0	3076.0	0.	0.

TECO BIG BEND UNITS 1-4 PROJECTED

RECEPTOR CONCENTRATION DATA

RECEPTOR NUMBER	RECEPTOR LOCATION (KILOMETERS) EUBIZ	VERT	EXPECTED ARITHMETIC MEAN (MICROGRAMS/CU. METER) SO2	PARTICULATES
41	360.0	3077.0	1.	0.
42	360.0	3078.0	1.	0.
43	360.0	3079.0	2.	0.
44	360.0	3080.0	3.	0.
45	361.0	3070.0	1.	0.
46	361.0	3071.0	1.	0.
47	361.0	3072.0	1.	0.
48	361.0	3073.0	0.	0.
49	361.0	3074.0	0.	0.
50	361.0	3075.0	0.	0.
51	361.0	3076.0	0.	0.
52	361.0	3077.0	0.	0.
53	361.0	3078.0	1.	0.
54	361.0	3079.0	2.	0.
55	361.0	3080.0	2.	0.
56	362.0	3070.0	1.	0.
57	362.0	3071.0	1.	0.
58	362.0	3072.0	1.	0.
59	362.0	3073.0	0.	0.
60	362.0	3074.0	0.	0.
61	362.0	3075.0	0.	0.
62	362.0	3076.0	0.	0.
63	362.0	3077.0	0.	0.
64	362.0	3078.0	1.	0.
65	362.0	3079.0	2.	0.
66	362.0	3080.0	2.	0.
67	363.0	3070.0	1.	0.
68	363.0	3071.0	1.	0.
69	363.0	3072.0	0.	0.
70	363.0	3073.0	0.	0.
71	363.0	3074.0	0.	0.
72	363.0	3075.0	1.	0.
73	363.0	3076.0	1.	0.
74	363.0	3077.0	1.	0.
75	363.0	3078.0	1.	0.
76	363.0	3079.0	2.	0.
77	363.0	3080.0	3.	0.
78	364.0	3070.0	1.	0.
79	364.0	3071.0	1.	0.
80	364.0	3072.0	0.	0.

TECO BIG BEND UNITS 1-4 PROJECTED

RECEPTOR CONCENTRATION DATA

RECEPTOR NUMBER	RECEPTOR LOCATION (KILOMETERS) HORIZ	VERT	EXPECTED ARITHMETIC MEAN (MICROGRAMS/CU. METER) SO2	PARTICULATES
81	364.0	3073.0	0.	0.
82	364.0	3074.0	0.	0.
83	364.0	3075.0	1.	0.
84	364.0	3076.0	1.	0.
85	364.0	3077.0	2.	0.
86	364.0	3078.0	2.	0.
87	364.0	3079.0	2.	0.
88	364.0	3080.0	3.	0.
89	365.0	3070.0	1.	0.
90	365.0	3071.0	1.	0.
91	365.0	3072.0	1.	0.
92	365.0	3073.0	1.	0.
93	365.0	3074.0	2.	0.
94	365.0	3075.0	4.	0.
95	365.0	3076.0	3.	0.
96	365.0	3077.0	3.	0.
97	365.0	3078.0	3.	0.
98	365.0	3079.0	3.	0.
99	365.0	3080.0	3.	0.
100	366.0	3070.0	1.	0.
101	366.0	3071.0	1.	0.
102	366.0	3072.0	1.	0.
103	366.0	3073.0	1.	0.
104	366.0	3074.0	4.	0.
105	366.0	3075.0	7.	0.
106	366.0	3076.0	5.	0.
107	366.0	3077.0	4.	0.
108	366.0	3078.0	3.	0.
109	366.0	3079.0	3.	0.
110	366.0	3080.0	3.	0.
111	367.0	3070.0	1.	0.
112	367.0	3071.0	1.	0.
113	367.0	3072.0	1.	0.
114	367.0	3073.0	2.	0.
115	367.0	3074.0	5.	0.
116	367.0	3075.0	8.	0.
117	367.0	3076.0	6.	0.
118	367.0	3077.0	4.	0.
119	367.0	3078.0	4.	0.
120	367.0	3079.0	4.	0.

TECO BIG BEND UNITS 1-4 PROJECTED

RECEPTOR CONCENTRATION DATA				
RECEPTOR NUMBER	RECEPTOR LOCATION (KILOMETERS)		EXPECTED ARITHMETIC MEAN (MICROGRAMS/CU. METER)	
	EAST	NORTH	SO2	PARTICULATES
121	347.0	3080.0	4	4

TECO BIG BEND UNITS 1-4 PROJECTED

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL SO2

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 116	RECEPTOR 105	RECEPTOR 117	RECEPTOR 115	RECEPTOR 106
1	26.72 % 2.2580	26.08 % 1.7793	26.78 % 1.7038	26.71 % 1.3809	26.23 % 1.2799
2	26.45 % 2.2351	25.81 % 1.7612	26.50 % 1.6865	26.40 % 1.3769	25.96 % 1.2669
3	35.16 % 2.9713	36.13 % 2.4655	35.08 % 2.2325	35.18 % 1.8188	35.91 % 1.7522
4	11.66 % 0.9853	11.98 % 0.8171	11.64 % 0.7408	11.67 % 0.6031	11.90 % 0.5808
BACK-GROUND	0.0 % 0.	0.0 % 0.	0.0 % 0.	0.0 % 0.	0.0 % 0.
TOTAL	100.0 % 8.4497	100.0 % 6.8230	100.0 % 6.3631	100.0 % 5.1697	100.0 % 4.8798

TECO BIG BEND UNITS 1-4 PROJECTED

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL PARTICULATES

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 116	RECEPTOR 105	RECEPTOR 117	RECEPTOR 115	RECEPTOR 106
1	26.63 % 0.0549	25.99 % 0.0432	26.69 % 0.0414	26.62 % 0.0335	26.14 % 0.0311
2	26.36 % 0.0543	25.72 % 0.0428	26.42 % 0.0410	26.35 % 0.0332	25.87 % 0.0308
3	35.05 % 0.0722	36.01 % 0.0599	34.97 % 0.0542	35.06 % 0.0442	35.79 % 0.0426
4	11.96 % 0.0246	12.28 % 0.0204	11.93 % 0.0185	11.96 % 0.0151	12.20 % 0.0145
BACK-GROUND	0.0 % 0.	0.0 % 0.	0.0 % 0.	0.0 % 0.	0.0 % 0.
TOTAL	100.0 % 0.2060	100.0 % 0.1663	100.0 % 0.1551	100.0 % 0.1260	100.0 % 0.1190

END OF FILE ENCOUNTERED -- TERMINATE RUN.

TECO BIG BEND ONLY - BASELINE

TECO BIG BEND UNITS 1-4 BASELINE

SOURCE DATA

SOURCE NUMBER	SOURCE LOCATION (KILOMETERS) HORIZONTAL	VERTICAL	SOURCE AREA SQUARE KILOMETERS	ANNUAL SOURCE EMISSION RATE (TONS/DAY) SO2	PART	STACK DATA HT (M)	DIAM (M)	VEL (M/SEC)	TEMP (DEG.K)		
1	361.6	3075.0	0.0	255.216	4.031	149.4	7.3	28.6	422.	39-01	BB
2	361.6	3075.0	0.0	252.624	4.782	149.4	7.3	28.6	422.	39-02	C BB
3	361.6	3075.0	0.0	260.160	4.920	149.0	7.3	14.0	417.	39-03	C BB

TECO BIG BEND UNITS 1-4 BASELINE

METEOROLOGICAL INPUT DATA FOR THE ANNUAL SEASON

MIXING DEPTH = 1394. METERS
AMBIENT TEMPERATURE = 292. DEGREES,KELVIN
AMBIENT PRESSURE = 1017. MILLIBARS

STABILITY CLASS 1

	WINDSPEED CLASS					
WIND DIRECTION	1	2	3	4	5	6
N	0.0000	0.0002	0.0	0.0	0.0	0.0
NNE	0.0000	0.0002	0.0	0.0	0.0	0.0
NE	0.0000	0.0002	0.0	0.0	0.0	0.0
ENE	0.0000	0.0001	0.0	0.0	0.0	0.0
E	0.0001	0.0003	0.0	0.0	0.0	0.0
ESE	0.0001	0.0002	0.0	0.0	0.0	0.0
SE	0.0000	0.0002	0.0	0.0	0.0	0.0
SSE	0.0001	0.0002	0.0	0.0	0.0	0.0
S	0.0001	0.0002	0.0	0.0	0.0	0.0
SSW	0.0000	0.0002	0.0	0.0	0.0	0.0
SW	0.0001	0.0004	0.0	0.0	0.0	0.0
WSW	0.0001	0.0003	0.0	0.0	0.0	0.0
W	0.0001	0.0003	0.0	0.0	0.0	0.0
WNW	0.0001	0.0002	0.0	0.0	0.0	0.0
NW	0.0000	0.0000	0.0	0.0	0.0	0.0
NNW	0.0000	0.0001	0.0	0.0	0.0	0.0

TECO BIG BEND UNITS 1-4 BASELINE

METEOROLOGICAL INPUT DATA FOR THE ANNUAL SEASON

STABILITY CLASS 2

WIND DIRECTION	WINDSPEED CLASS 1	2	3	4	5	6
N	0.0005	0.0013	0.0009	0.0	0.0	0.0
NNE	0.0004	0.0013	0.0008	0.0	0.0	0.0
NE	0.0004	0.0012	0.0009	0.0	0.0	0.0
ENE	0.0005	0.0013	0.0014	0.0	0.0	0.0
E	0.0008	0.0029	0.0027	0.0	0.0	0.0
ESE	0.0007	0.0019	0.0011	0.0	0.0	0.0
SE	0.0005	0.0012	0.0018	0.0	0.0	0.0
SSE	0.0003	0.0018	0.0018	0.0	0.0	0.0
S	0.0005	0.0016	0.0019	0.0	0.0	0.0
SSW	0.0003	0.0013	0.0018	0.0	0.0	0.0
SW	0.0003	0.0017	0.0026	0.0	0.0	0.0
WSW	0.0002	0.0018	0.0039	0.0	0.0	0.0
W	0.0005	0.0030	0.0061	0.0	0.0	0.0
WNW	0.0002	0.0008	0.0008	0.0	0.0	0.0
NW	0.0002	0.0005	0.0003	0.0	0.0	0.0
NNW	0.0003	0.0006	0.0005	0.0	0.0	0.0

TECO BIG BEND UNITS 1-4 BASELINE

METEOROLOGICAL INPUT DATA FOR THE ANNUAL SEASON

STABILITY CLASS 3

WIND DIRECTION	WINDSPEED CLASS 1	2	3	4	5	6
N	0.0002	0.0010	0.0034	0.0005	0.0	0.0
NNE	0.0001	0.0011	0.0041	0.0005	0.0	0.0
NE	0.0001	0.0016	0.0054	0.0008	0.0	0.0
ENE	0.0004	0.0029	0.0085	0.0011	0.0	0.0
E	0.0006	0.0057	0.0117	0.0017	0.0000	0.0
ESE	0.0002	0.0029	0.0065	0.0010	0.0000	0.0
SE	0.0003	0.0022	0.0072	0.0013	0.0	0.0
SSE	0.0003	0.0022	0.0069	0.0009	0.0	0.0
S	0.0002	0.0020	0.0053	0.0013	0.0	0.0000
SSW	0.0002	0.0010	0.0058	0.0018	0.0000	0.0
SW	0.0001	0.0015	0.0052	0.0010	0.0	0.0
WSW	0.0001	0.0017	0.0076	0.0013	0.0000	0.0
W	0.0002	0.0021	0.0159	0.0064	0.0003	0.0
WNW	0.0001	0.0007	0.0029	0.0012	0.0000	0.0000
NW	0.0000	0.0005	0.0018	0.0006	0.0000	0.0
NNW	0.0001	0.0008	0.0019	0.0006	0.0001	0.0000

TECO BIG BEND UNITS 1-4 BASELINE

METEOROLOGICAL INPUT DATA FOR THE ANNUAL SEASON

STABILITY CLASS 4

WIND DIRECTION	WINDSPEED CLASS 1	2	3	4	5	6
N	0.0005	0.0026	0.0103	0.0081	0.0005	0.0
NNE	0.0004	0.0032	0.0079	0.0068	0.0002	0.0000
NE	0.0005	0.0032	0.0105	0.0105	0.0004	0.0000
ENE	0.0006	0.0045	0.0138	0.0098	0.0003	0.0
E	0.0010	0.0077	0.0235	0.0168	0.0005	0.0000
ESE	0.0005	0.0035	0.0134	0.0073	0.0002	0.0
SE	0.0004	0.0031	0.0101	0.0075	0.0001	0.0000
SSE	0.0003	0.0029	0.0102	0.0076	0.0003	0.0000
S	0.0007	0.0036	0.0118	0.0102	0.0007	0.0001
SSW	0.0003	0.0019	0.0076	0.0084	0.0007	0.0000
SW	0.0002	0.0015	0.0045	0.0034	0.0001	0.0000
WSW	0.0003	0.0018	0.0065	0.0047	0.0002	0.0
W	0.0002	0.0026	0.0164	0.0211	0.0006	0.0001
WNW	0.0004	0.0011	0.0060	0.0091	0.0011	0.0004
NW	0.0003	0.0017	0.0061	0.0095	0.0011	0.0003
NNW	0.0002	0.0015	0.0066	0.0094	0.0013	0.0001

TECO BIG BEND UNITS 1-4 BASELINE

METEOROLOGICAL INPUT DATA FOR THE ANNUAL SEASON

STABILITY CLASS 5

WIND DIRECTION	WINDSPEED CLASS 1	2	3	4	5	6
N	0.0043	0.0127	0.0067	0.0	0.0	0.0
NNE	0.0047	0.0119	0.0050	0.0	0.0	0.0
NE	0.0063	0.0181	0.0078	0.0	0.0	0.0
ENE	0.0112	0.0337	0.0094	0.0	0.0	0.0
E	0.0158	0.0487	0.0135	0.0	0.0	0.0
ESE	0.0094	0.0225	0.0068	0.0	0.0	0.0
SE	0.0055	0.0129	0.0052	0.0	0.0	0.0
SSE	0.0039	0.0125	0.0034	0.0	0.0	0.0
S	0.0037	0.0107	0.0029	0.0	0.0	0.0
SSW	0.0015	0.0045	0.0018	0.0	0.0	0.0
SW	0.0015	0.0060	0.0013	0.0	0.0	0.0
WSW	0.0018	0.0052	0.0020	0.0	0.0	0.0
W	0.0028	0.0068	0.0049	0.0	0.0	0.0
WNW	0.0026	0.0067	0.0035	0.0	0.0	0.0
NW	0.0041	0.0132	0.0049	0.0	0.0	0.0
NNW	0.0038	0.0102	0.0042	0.0	0.0	0.0

TECU BIG BEND UNITS 1-4 BASELINE

INPUT REGRESSION PARAMETERS ARE:

POLLUTANT	Y-INTERCEPT	SLOPE
SO2	0.0	1.0000
PARTICULATES	0.0	1.0000

TECO BIG BEND UNITS 1-4 BASELINE

RECEPTOR CONCENTRATION DATA

RECEPTOR NUMBER	RECEPTOR LOCATION (KILOMETERS) EUBIZ	VERT	EXPECTED ARITHMETIC MEAN (MICROGRAMS/CU. METER) SO2	PARTICULATES
1	357.0	3070.0	3.	0.
2	357.0	3071.0	3.	0.
3	357.0	3072.0	4.	0.
4	357.0	3073.0	4.	0.
5	357.0	3074.0	5.	0.
6	357.0	3075.0	6.	0.
7	357.0	3076.0	5.	0.
8	357.0	3077.0	4.	0.
9	357.0	3078.0	4.	0.
10	357.0	3079.0	4.	0.
11	357.0	3080.0	5.	0.
12	358.0	3070.0	3.	0.
13	358.0	3071.0	3.	0.
14	358.0	3072.0	3.	0.
15	358.0	3073.0	3.	0.
16	358.0	3074.0	3.	0.
17	358.0	3075.0	4.	0.
18	358.0	3076.0	3.	0.
19	358.0	3077.0	3.	0.
20	358.0	3078.0	4.	0.
21	358.0	3079.0	4.	0.
22	358.0	3080.0	5.	0.
23	359.0	3070.0	3.	0.
24	359.0	3071.0	2.	0.
25	359.0	3072.0	2.	0.
26	359.0	3073.0	2.	0.
27	359.0	3074.0	1.	0.
28	359.0	3075.0	2.	0.
29	359.0	3076.0	1.	0.
30	359.0	3077.0	2.	0.
31	359.0	3078.0	3.	0.
32	359.0	3079.0	4.	0.
33	359.0	3080.0	4.	0.
34	360.0	3070.0	2.	0.
35	360.0	3071.0	2.	0.
36	360.0	3072.0	1.	0.
37	360.0	3073.0	1.	0.
38	360.0	3074.0	0.	0.
39	360.0	3075.0	1.	0.
40	360.0	3076.0	1.	0.

TECO BIG BEND UNITS 1-4 BASELINE

RECEPTOR CONCENTRATION DATA

RECEPTOR NUMBER	RECEPTOR LOCATION (KILOMETERS) EAST	NORTH	EXPECTED ARITHMETIC MEAN (MICROGRAMS/CU. METER) SO2	PARTICULATES
41	360.0	3077.0	1.	0.
42	360.0	3078.0	2.	0.
43	360.0	3079.0	3.	0.
44	360.0	3080.0	4.	0.
45	361.0	3070.0	2.	0.
46	361.0	3071.0	2.	0.
47	361.0	3072.0	1.	0.
48	361.0	3073.0	1.	0.
49	361.0	3074.0	0.	0.
50	361.0	3075.0	0.	0.
51	361.0	3076.0	0.	0.
52	361.0	3077.0	1.	0.
53	361.0	3078.0	2.	0.
54	361.0	3079.0	3.	0.
55	361.0	3080.0	4.	0.
56	362.0	3070.0	2.	0.
57	362.0	3071.0	2.	0.
58	362.0	3072.0	1.	0.
59	362.0	3073.0	0.	0.
60	362.0	3074.0	0.	0.
61	362.0	3075.0	0.	0.
62	362.0	3076.0	0.	0.
63	362.0	3077.0	1.	0.
64	362.0	3078.0	2.	0.
65	362.0	3079.0	3.	0.
66	362.0	3080.0	4.	0.
67	363.0	3070.0	2.	0.
68	363.0	3071.0	1.	0.
69	363.0	3072.0	1.	0.
70	363.0	3073.0	0.	0.
71	363.0	3074.0	0.	0.
72	363.0	3075.0	1.	0.
73	363.0	3076.0	1.	0.
74	363.0	3077.0	1.	0.
75	363.0	3078.0	2.	0.
76	363.0	3079.0	3.	0.
77	363.0	3080.0	4.	0.
78	364.0	3070.0	1.	0.
79	364.0	3071.0	1.	0.
80	364.0	3072.0	1.	0.

TECO BTC BEND UNITS 1-4 BASELINE

RECEPTOR CONCENTRATION DATA

RECEPTOR NUMBER	RECEPTOR LOCATION (KILOMETERS) EUTIZ	YERI	EXPECTED ARITHMETIC MEAN (MICROGRAMS/CU. METER) SO2	PARTICULATES
81	364.0	3073.0	1.	0.
82	364.0	3074.0	1.	0.
83	364.0	3075.0	3.	0.
84	364.0	3076.0	2.	0.
85	364.0	3077.0	3.	0.
86	364.0	3078.0	3.	0.
87	364.0	3079.0	4.	0.
88	364.0	3080.0	4.	0.
89	365.0	3070.0	1.	0.
90	365.0	3071.0	1.	0.
91	365.0	3072.0	1.	0.
92	365.0	3073.0	1.	0.
93	365.0	3074.0	3.	0.
94	365.0	3075.0	8.	0.
95	365.0	3076.0	5.	0.
96	365.0	3077.0	4.	0.
97	365.0	3078.0	4.	0.
98	365.0	3079.0	4.	0.
99	365.0	3080.0	4.	0.
100	366.0	3070.0	1.	0.
101	366.0	3071.0	1.	0.
102	366.0	3072.0	2.	0.
103	366.0	3073.0	2.	0.
104	366.0	3074.0	6.	0.
105	366.0	3075.0	11.	0.
106	366.0	3076.0	8.	0.
107	366.0	3077.0	5.	0.
108	366.0	3078.0	5.	0.
109	366.0	3079.0	5.	0.
110	366.0	3080.0	5.	0.
111	367.0	3070.0	1.	0.
112	367.0	3071.0	2.	0.
113	367.0	3072.0	2.	0.
114	367.0	3073.0	3.	0.
115	367.0	3074.0	8.	0.
116	367.0	3075.0	12.	0.
117	367.0	3076.0	9.	0.
118	367.0	3077.0	6.	0.
119	367.0	3078.0	6.	0.
120	367.0	3079.0	5.	0.

TECO BIG BEND UNITS 1-4 BASELINE

RECEPTOR CONCENTRATION DATA				
RECEPTOR NUMBER	RECEPTOR LOCATION (KILOMETERS)		EXPECTED ARITHMETIC MEAN (MICROGRAMS/CU. METER)	
	EUTM	NORTH	SO2	PARTICULATES
121	367.0	3080.0	5	0

TECO BIG BEND UNITS 1-4 BASELINE

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL SO2

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 116	RECEPTOR 105	RECEPTOR 117	RECEPTOR 90	RECEPTOR 106
1	23.62 % 2.9107	21.26 % 2.2960	23.72 % 2.1959	18.50 % 1.4323	21.64 % 1.6510
2	23.38 % 2.8811	21.05 % 2.2731	23.48 % 2.1736	18.31 % 1.4177	21.42 % 1.6346
3	53.01 % 6.5325	57.69 % 6.2297	52.80 % 4.8882	63.19 % 4.8935	56.95 % 4.3469
BACK-GROUND	0.0 % 0.	0.0 % 0.	0.0 % 0.	0.0 % 0.	0.0 % 0.
TOTAL	100.0 % 12.3242	100.0 % 10.7993	100.0 % 9.2578	100.0 % 7.7835	100.0 % 7.6330

TECO BTG BEND UNITS 1-4 BASELINE

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL PARTICULATES

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 116	RECEPTOR 105	RECEPTOR 117	RECEPTOR 94	RECEPTOR 106
1	23.62 % 0.0551	21.27 % 0.0435	23.72 % 0.0416	18.50 % 0.0271	21.64 % 0.0313
2	23.38 % 0.0545	21.05 % 0.0430	23.48 % 0.0411	18.31 % 0.0268	21.42 % 0.0309
3	53.00 % 0.1236	57.68 % 0.1179	52.80 % 0.0925	63.19 % 0.0926	56.95 % 0.0823
BACK-GROUND	0.0 % 0.	0.0 % 0.	0.0 % 0.	0.0 % 0.	0.0 % 0.
TOTAL	100.0 % 0.2333	100.0 % 0.2044	100.0 % 0.1752	100.0 % 0.1466	100.0 % 0.1445

FDER BASELINE

BIG BEND - 4 PSD - 1974 DFR BASELINE

SOURCE DATA

SOURCE NUMBER	SOURCE LOCATION (KILOMETERS) HORIZONTAL	VERTICAL	SOURCE AREA SQUARE KILOMETERS	ANNUAL SOURCE EMISSION RATE (TONS/DAY) SO2	PART	STACK DATA HT (M)	DIAM (M)	VEL (M/SEC)	TEMP (DEG.K)		
1	348.6	3057.9	0.0	0.030	0.003	9.1	0.2	11.1	464.	BELCHER	1-01
2	348.6	3057.9	0.0	0.030	0.003	9.1	0.2	11.1	464.		1-02
3	348.5	3057.3	0.0	0.005	0.0	61.3	2.0	10.0	339.	BORDEN	2-02
4	348.5	3057.3	0.0	0.0	0.189	38.1	0.6	19.3	295.		2-04
5	348.5	3057.3	0.0	0.0	0.329	10.7	1.1	22.3	300.		2-05
6	348.5	3057.3	0.0	0.148	0.175	61.0	2.1	20.5	311.		2-06
7	348.5	3057.3	0.0	0.148	0.148	61.0	2.1	20.5	311.		2-07
8	348.5	3057.3	0.0	0.0	0.019	22.9	0.3	14.7	303.	BORDEN	2-08
9	348.5	3057.3	0.0	0.0	0.238	37.5	0.8	21.0	317.		2-09
10	348.5	3057.3	0.0	0.0	0.071	9.8	1.0	23.8	305.		2-10
11	348.5	3057.3	0.0	0.071	0.079	12.5	1.4	10.0	299.		2-11
12	347.5	3037.6	0.0	0.0	0.132	8.8	0.6	50.0	353.	GEN ASPHALT	3-01
13	344.0	3057.0	0.0	0.0	0.112	5.8	1.7	5.8	297.	MAN TERM	4-01
14	344.8	3044.8	0.0	0.0	0.121	16.5	0.6	1.6	294.	RINKER	6-01
15	344.8	3040.8	0.0	0.0	0.007	11.0	0.4	1.7	294.	RINKER	6-02
16	346.8	3041.1	0.0	0.0	0.307	29.0	0.9	20.0	333.	TROPICANA	7-01
17	346.8	3041.1	0.0	0.0	0.310	29.0	0.9	20.0	333.		7-02
18	346.8	3041.1	0.0	0.0	0.001	12.8	1.2	0.3	589.	TROPICANA	7-04
19	346.8	3041.1	0.0	0.0	0.005	12.8	1.1	0.3	589.	TROPICANA	7-05
20	346.8	3041.1	0.0	0.0	0.019	10.7	0.9	0.5	422.	TROPICANA	7-06
21	346.8	3041.1	0.0	0.0	0.038	10.7	1.2	0.5	422.		7-07
22	346.8	3041.1	0.0	0.0	0.011	9.1	0.9	0.4	422.		7-08
23	346.8	3041.1	0.0	0.0	0.003	9.1	0.5	0.0	422.		7-09
24	346.6	3093.9	0.0	0.0	0.030	2.0	0.8	27.3	297.	VAN PLY INC	8-01
25	367.6	3055.1	0.0	51.356	6.419	121.9	7.9	14.9	416.	FPL MAN	10-01
26	367.6	3055.1	0.0	51.356	6.419	121.9	7.9	14.9	416.	FPL MAN	10-02
27	348.2	3058.5	0.0	0.0	0.063	15.2	1.2	30.3	294.	MAN.METALS	13-01
28	346.1	3057.6	0.0	0.132	0.129	10.7	0.9	0.8	316.	WB DICKEY	14-01
29	343.7	3037.0	0.0	0.0	0.003	9.0	0.5	4.9	922.	COLONIALST	15-01
30	348.0	3051.5	0.0	0.0	0.009	2.7	1.9	6.1	311.	DEPENDABLE	17-01
31	345.5	3041.8	0.0	0.0	0.134	9.1	0.7	0.7	297.	AQUATITE	20-01
32	347.0	3058.0	0.0	0.156	0.074	12.2	2.0	5.6	338.	SURFACING	21-01
33	334.0	3084.0	0.0	0.0	0.562	0.0	1.5	5.4	337.	4-01	GULD TRIA.
34	334.0	3084.0	0.0	0.0	0.129	12.5	1.8	9.3	326.	4-02	
35	325.6	3086.7	0.0	0.0	0.085	6.1	2.7	8.3	336.	5-01	W L COBB
36	334.6	3075.0	0.0	0.170	0.096	18.9	0.9	19.7	325.	6-01	W L COBB
37	334.6	3075.0	0.0	0.0	0.030	13.7	1.5	3.0	325.	6-02	
38	340.0	3077.8	0.0	0.0	0.066	8.2	0.6	5.4	519.	7-01	FARMBEST
39	342.4	3082.7	0.0	57.265	0.518	91.4	2.7	19.5	405.	11-01	FPC BART 1
40	342.4	3082.7	0.0	38.683	0.553	91.4	2.7	20.8	408.	11-02	BART 2
41	342.4	3082.7	0.0	66.850	0.860	91.4	2.7	33.9	404.	11-03	BART 3
42	342.2	3082.9	0.0	10.700	0.211	13.7	5.3	61.0	839.	11-04-07	BART P
43	336.5	3098.3	0.0	18.376	0.167	53.0	3.8	11.7	418.	12-01	FPC HIGG 1
44	336.5	3098.3	0.0	18.376	0.184	53.0	3.8	12.8	419.	12-02	HIGG 2
45	336.5	3098.3	0.0	19.292	0.152	53.0	3.8	13.3	820.	12-03	HIGG 3
46	336.5	3098.3	0.0	11.604	0.036	16.8	4.6	61.0	727.	12-04-07	HIGG P
47	338.7	3071.2	0.0	0.427	0.005	61.9	3.7	5.7	450.	13-01	FPC BAYB 3
48	338.7	3071.2	0.0	0.427	0.003	61.6	3.8	3.8	814.	13-02	BAYB 4
49	338.8	3071.3	0.0	14.250	0.189	12.2	2.8	61.0	755.	13-03-06	BAYB P
50	324.4	3118.7	0.0	60.142	0.277	152.1	7.3	12.5	408.		FPC ANCLOT
51	324.2	3086.9	0.0	0.0	0.096	10.1	1.8	12.9	333.	26-01	MOOREFIELD
52	325.6	3116.7	0.0	0.0	0.003	5.2	0.5	16.2	295.	42-01	STAUFFER
53	325.6	3116.7	0.0	0.008	0.011	13.7	0.7	24.8	319.	42-02	
54	325.6	3116.7	0.0	0.0	0.016	19.8	1.8	11.0	326.	42-03	
55	325.6	3116.7	0.0	3.345	0.559	25.9	6.7	0.4	333.	42-04	
56	325.6	3116.7	0.0	0.0	0.003	4.6	0.3	75.3	321.	42-05	
57	325.6	3116.7	0.0	0.016	0.003	5.2	0.5	17.0	295.	42-06	
58	325.6	3116.7	0.0	0.003	0.008	11.0	0.7	6.6	302.	42-07	
59	325.6	3116.7	0.0	0.00[illegible]	0.014	29.6	0.5	22.5	312.	42-08	
130	382.9	3082.5	0.0	0.338	0.028	18.3	0.9	8.1	470.	42-10	
135	382.9	3082.5	0.0	0.003	0.008	6.1	1.4	12.1	476.	6-03	

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
56	325.6	3116.7	0.0	0.0	0.003	4.6	0.3	75.3	321.	42-05		
57	325.6	3116.7	0.0	0.016	0.003	5.2	0.5	17.0	295.	42-06		
58	325.6	3116.7	0.0	0.003	0.008	11.0	0.7	6.6	302.	42-07		
59	325.6	3116.7	0.0	0.005	0.014	29.6	0.5	22.5	312.	42-08		
60	325.6	3116.7	0.0	0.326	0.022	6.1	0.6	8.1	474.	42-10		
61	320.0	3116.7	0.0	0.164	0.071	9.1	1.2	8.1	339.	44-01	SUNCOAST	
62	324.3	3100.7	0.0	0.0	0.005	30.5	1.0	12.6	335.	54-01	H P HOOD	
63	324.3	3100.7	0.0	0.0	0.090	4.6	0.6	10.8	400.	54-02		
64	324.3	3100.7	0.0	0.0	0.090	6.1	0.6	10.5	311.	54-03		
65	323.0	3089.0	0.0	0.016	0.0	6.1	0.5	2.4	477.		FLA MINING	
66	383.5	3139.2	0.0	1.047	0.219	22.9	1.0	13.9	315.	2-1	PASCO PKG CO	
67	383.5	3139.2	0.0	0.0	0.033	19.8	0.8	3.2	344.	2-2	PASCO PKG CO	
68	383.5	3139.2	0.0	0.0	0.033	19.8	0.8	3.2	344.	2-3	PASCO PKG CO	
69	383.5	3139.2	0.0	0.0	0.033	19.8	0.8	3.2	344.	2-4	PASCO PKG CO	
70	383.5	3139.2	0.0	0.0	0.033	19.8	0.8	3.2	344.	2-5	PASCO PKG CO	
71	383.5	3139.2	0.0	0.0	0.033	19.8	0.8	3.2	344.	2-6	PASCO PKG CO	
72	383.5	3139.2	0.0	0.0	0.033	19.8	0.8	3.2	344.	2-7	PASCO PKG CO	
73	383.5	3139.2	0.0	0.0	0.033	19.8	0.8	3.2	344.	2-8	PASCO PKG CO	
74	383.5	3139.2	0.0	0.0	0.033	19.8	0.8	3.2	344.	2-9	PASCO PKG CO	
75	383.5	3139.2	0.0	0.0	0.033	19.8	0.8	3.2	344.	2-10	PASCO PKG C	
76	383.5	3139.2	0.0	0.0	0.033	19.8	0.8	3.2	344.	2-11	PASCO PKG C	

77	383.5	3139.2	0.0	0.0	0.033	19.8	0.8	3.2	344.	2-12 PASCO PKG C
78	383.5	3139.2	0.0	0.0	0.033	19.8	0.8	3.2	344.	2-13 PASCO PKG C
79	383.5	3139.2	0.0	0.0	0.033	19.8	0.8	3.2	344.	2-14 PASCO PKG C
80	383.5	3139.2	0.0	0.0	0.033	19.8	0.8	3.2	344.	2-15 PASCO PKG C
81	383.5	3139.2	0.0	0.0	0.033	19.8	0.8	3.2	344.	2-16 PASCO PKG C
82	383.5	3139.2	0.0	0.0	0.033	19.8	0.8	3.2	344.	2-17 PASCO PKG C
83	383.5	3139.2	0.0	0.0	0.033	19.8	1.8	16.9	441.	2-18 PASCO PKG C
84	334.0	3130.0	0.0	0.03	0.053	12.2	0.9	15.2	327.	10-1 DES LITTLE
85	368.6	3094.6	0.0	0.0	0.025	8.2	0.6	4.0	300.	2-01 CAST METAL
86	388.3	3115.7	0.0	0.359	0.077	9.1	1.2	11.2	640.	5-01 CENT.PHOS.
87	388.3	3115.7	0.0	7.682	0.211	23.8	1.5	16.3	309.	5-02
88	388.3	3115.7	0.0	7.682	0.211	23.8	1.5	16.3	309.	5-03
89	388.1	3115.8	0.0	0.0	0.468	21.3	0.9	12.2	320.	5-04
90	388.0	3115.6	0.0	0.0	0.252	41.8	1.8	13.0	307.	5-05
91	388.0	3115.6	0.0	0.0	0.252	27.1	0.5	28.7	327.	5-06
92	362.0	3103.2	0.0	0.041	0.005	27.4	1.8	5.4	465.	6-01 SCHLITZ
93	363.2	3082.41	0.0	2.097	0.007	20.0	1.0	6.0	363.	8-01 GARDINIER
94	363.2	3082.4	0.0	5.345	0.063	22.6	1.6	7.4	360.	8-02
95	363.2	3082.4	0.0	7.129	0.101	21.9	1.8	9.1	360.	8-03
96	363.2	3082.4	0.0	16.718	0.192	28.0	2.9	6.2	357.	8-04
97	363.2	3082.4	0.0	17.704	0.241	29.3	3.3	7.1	352.	8-05
98	363.2	3082.4	0.0	4.984	0.189	45.7	2.7	11.1	355.	8-06
99	362.9	3082.5	0.0	0.625	0.395	26.8	0.4	7.7	300.	8-07
100	362.9	3082.5	0.0	0.0	0.290	26.8	0.3	10.2	340.	8-08
101	362.9	3082.5	0.0	0.0	0.504	28.3	0.3	14.9	306.	8-09
102	362.9	3082.5	0.0	0.0	0.381	29.0	0.6	17.0	306.	8-10
103	362.9	3082.5	0.0	0.0	0.389	26.5	0.5	17.9	321.	8-11
104	362.9	3082.5	0.0	0.0	0.367	21.3	0.5	18.0	332.	8-12
105	362.9	3082.5	0.0	0.0	0.321	21.6	0.5	17.7	330.	8-13
106	362.9	3082.5	0.0	0.0	0.441	33.2	1.2	7.7	336.	8-14
107	362.9	3082.5	0.0	0.0	0.381	18.0	1.1	16.5	303.	8-15
108	362.9	3082.5	0.0	0.0	0.386	1.5	0.2	6.0	323.	8-16
109	362.9	3082.5	0.0	0.0	0.414	15.5	0.9	22.2	307.	8-17
110	362.9	3082.5	0.0	0.0	0.422	1.5	0.3	7.0	325.	8-18
111	362.9	3082.5	0.0	0.0	0.112	27.0	1.2	12.0	333.	8-19
112	362.9	3082.5	0.0	0.0	0.214	27.4	1.1	19.6	331.	8-20
113	362.9	3082.5	0.0	0.0	0.564	16.5	1.3	16.2	335.	8-21
114	362.9	3082.5	0.0	0.0	0.208	27.0	1.1	15.8	335.	8-22
115	362.9	3082.5	0.0	0.0	0.197	27.4	1.1	20.1	336.	8-23
116	362.9	3082.5	0.0	0.0	0.447	16.5	1.3	16.6	325.	8-24
117	362.9	3082.5	0.0	0.0	0.375	25.9	0.3	12.6	309.	8-25
118	362.9	3082.5	0.0	0.0	0.375	29.3	0.3	16.2	319.	8-26
119	362.9	3082.5	0.0	0.0	0.447	32.9	0.4	7.1	323.	8-27
120	362.9	3082.5	0.0	0.0	0.447	25.0	0.0	0.0	318.	8-28
121	362.9	3082.5	0.0	0.0	0.447	35.1	0.4	7.2	321.	8-29
122	362.9	3082.5	0.0	0.0	0.447	30.5	0.4	5.2	320.	8-30
123	362.9	3082.5	0.0	0.0	0.479	28.3	1.2	5.3	321.	8-31
124	362.9	3082.5	0.0	0.373	0.137	23.8	1.8	3.3	346.	8-32
125	362.9	3082.5	0.0	0.356	0.129	23.8	1.8	3.3	345.	8-33
126	362.9	3082.5	0.0	0.0	0.123	20.1	0.6	16.6	319.	8-34
127	362.9	3082.5	0.0	0.0	0.282	19.8	1.2	12.0	297.	8-35
128	362.9	3082.5	0.0	0.233	0.348	20.7	1.1	10.0	317.	8-36
129	362.9	3082.5	0.0	0.0	0.282	19.8	1.2	10.2	302.	8-37
130	362.1	3082.5	0.0	0.241	0.282	20.7	1.1	14.8	310.	8-38
131	362.9	3082.5	0.0	0.0	0.104	22.3	0.8	13.6	313.	8-39
132	362.9	3082.5	0.0	0.0	0.247	22.6	1.2	7.8	296.	8-40
133	362.9	3082.5	0.0	0.003	0.030	8.5	0.8	2.5	308.	8-41
134	362.9	3082.5	0.0	0.356	0.266	18.3	2.5	6.9	589.	8-42
135	362.9	3082.5	0.0	0.003	0.008	6.1	1.0	12.1	476.	8-43
136	359.3	3100.2	0.0	0.545	0.033	38.1	1.5	1.3	394.	9-01 TAMPA WATR
137	359.3	3100.2	0.0	0.545	0.033	38.1	1.5	1.3	394.	9-02
138	357.7	3107.6	0.0	0.025	0.100	0.3	1.0	7.7	306.	11-01 CONE BROS
139	362.0	3096.4	0.0	0.025	0.079	9.1	2.6	4.5	339.	12-01 CONE BROS
140	385.0	3098.0	0.0	0.0	0.189	10.7	0.6	14.1	363.	15-01 EDGAR CONC
141	350.4	3096.5	0.0	0.022	0.003	9.8	0.5	10.1	487.	16-01 EDWDS HOSP
142	350.4	3096.5	0.0	0.022	0.003	9.8	0.5	10.1	452.	16-02
143	350.4	3096.5	0.0	0.022	0.003	9.8	0.5	10.1	433.	16-03
144	350.4	3096.5	0.0	0.022	0.0	11.0	0.8	0.7	404.	16-04 DEL MONTE

139	385.0	3098.0	0.0	0.0	0.189	10.7	0.6	14.1	363.	15-01	EDGAR CONC
141	350.4	3096.5	0.0	0.022	0.003	9.8	0.5	10.1	407.	16-01	EDWDS HOSP
142	350.4	3096.5	0.0	0.022	0.003	9.8	0.5	10.1	452.	16-02	
143	350.4	3096.5	0.0	0.022	0.003	9.8	0.5	10.1	433.	16-03	
144	357.9	3090.6	0.0	0.699	0.093	53.3	3.0	11.8	400.	18-01	GEN.PORT.
145	357.9	3090.6	0.0	0.699	0.093	53.3	3.0	11.8	400.	18-02	
146	357.9	3090.6	0.0	0.699	0.093	53.3	3.0	11.8	400.	18-03	
147	357.9	3090.6	0.0	0.611	0.211	45.0	3.8	3.1	391.	18-04	
148	357.9	3090.6	0.0	2.238	0.260	36.0	2.7	15.2	464.	18-05	
149	357.9	3090.6	0.0	7.258	0.321	44.2	4.7	11.4	472.	18-06	
150	357.9	3090.6	0.0	0.003	0.090	22.6	0.9	10.8	469.	18-07	
151	357.9	3090.6	0.0	0.003	0.090	22.6	0.9	10.8	469.	18-08	
152	358.0	3090.6	0.0	0.0	0.186	12.2	1.2	24.9	369.	18-09	
153	358.0	3090.6	0.0	0.0	0.260	12.2	1.2	22.6	377.	18-10	
154	358.2	3090.6	0.0	0.0	0.288	30.8	3.8	5.9	371.	18-11	
155	358.2	3090.6	0.0	0.0	0.386	6.1	0.3	20.0	301.	18-12	
156	360.3	3093.2	0.0	0.0	0.010	18.3	0.2	5.0	300.	19-01	RALSTON
157	360.3	3093.2	0.0	0.0	0.005	21.3	0.8	12.8	315.	19-02	
158	360.3	3093.2	0.0	0.0	0.058	25.9	0.2	38.5	300.	19-03	
159	360.3	3093.2	0.0	0.0	0.027	24.0	0.2	55.1	300.	19-04	
160	360.3	3093.2	0.0	0.0	0.258	24.4	0.3	28.8	300.	19-05	

161	360.3	3093.2	0.0	0.0	0.036	24.4	0.3	28.8	300.	19-06	
162	364.6	3090.2	0.0	0.003	0.052	22.6	2.8	7.0	866.	20-01	FLA STEEL
163	364.6	3092.4	0.0	0.0	0.164	12.2	2.0	9.6	334.	20-02	
164	364.6	3094.2	0.0	0.0	0.167	12.2	2.8	8.2	325.	20-03	
165	364.6	3090.2	0.0	0.0	0.216	15.2	3.0	11.0	300.	20-04	
166	360.1	3087.5	0.0	0.014	0.444	10.7	3.0	9.2	344.	24-01	IMC TERMIN
167	360.1	3087.5	0.0	0.0	0.134	12.2	1.8	19.2	297.	24-02	
168	360.1	3087.5	0.0	0.0	0.312	13.7	0.0	49.0	306.	24-03	
169	367.3	3092.6	0.0	0.0	0.008	7.3	0.2	0.1	322.	25-02	KAISER
170	367.3	3092.6	0.0	0.0	0.132	4.9	0.3	8.3	322.	25-03	
171	367.3	3092.6	0.0	0.0	0.101	19.2	0.3	13.0	333.	25-04	
172	367.3	3092.6	0.0	0.011	0.101	19.2	0.6	20.4	367.	25-05	
173	367.3	3092.6	0.0	0.0	0.101	19.2	0.6	15.2	340.	25-06	
174	362.2	3070.01	0.0	0.0	0.129	9.1	0.9	30.8	390.	27-01	MIN.AGGREG
175	347.4	3082.5	0.0	0.041	0.318	27.1	0.8	18.6	435.	28-01	NAT.GYPSUM
176	347.4	3082.5	0.0	0.0	0.353	16.8	0.3	39.3	339.	28-03	
177	347.4	3082.5	0.0	0.008	0.419	19.5	1.1	10.2	309.	28-05	
178	347.4	3082.5	0.0	0.0	0.140	9.8	0.4	23.0	302.	28-07	
179	347.4	3082.5	0.0	0.0	0.315	19.8	0.2	18.0	325.	28-09	
180	347.4	3082.5	0.0	0.0	0.351	23.5	0.0	14.3	311.	28-14	
181	347.4	3082.5	0.0	0.0	0.014	7.6	0.2	21.6	311.	28-17	
182	393.1	3089.0	0.0	0.0	0.249	61.0	6.9	1.9	305.	29-01	NITRAM
183	363.1	3089.0	0.0	0.008	0.052	27.0	0.9	24.2	477.	29-03	
184	363.1	3089.0	0.0	0.477	0.041	27.4	0.9	24.2	505.	29-04	
185	389.8	3090.9	0.0	0.104	0.008	9.1	0.6	16.6	533.	30-01	SOUTH FROZ
186	359.5	3087.3	0.0	0.0	0.162	80.2	0.4	21.6	295.	31-01	IDEAL
187	342.5	3082.5	0.0	0.049	0.003	8.5	0.6	6.3	491.	34-01	STANDARD
188	342.5	3082.5	0.0	0.003	0.0	8.5	0.6	4.7	494.	34-02	
189	389.6	3099.7	0.0	0.001	0.003	7.3	1.3	3.1	533.	35-01	SUGAR ROSE
190	358.0	3091.0	0.0	18.520	0.962	45.7	3.7	1.6	400.	38-01	&02 HK PT
191	358.0	3091.0	0.0	18.940	0.984	45.7	4.0	3.4	397.	38-03	&04 HK PT
192	358.0	3091.0	0.0	0.260	0.481	52.7	3.7	0.9	410.	38-05	HK PT
193	358.0	3091.0	0.0	17.920	0.931	52.7	3.9	5.9	436.	38-06	E HK PT
194	361.6	3075.0	0.0	255.216	4.831	149.4	7.3	9.5	404.	39-01	BB
195	361.6	3075.0	0.0	252.024	4.782	149.4	7.3	9.5	400.	39-02	C BB
196	361.6	3075.0	0.0	260.160	4.924	149.4	7.3	14.4	417.	39-03	C BB
197	360.0	3087.5	0.0	84.239	1.594	61.0	4.3	8.3	427.	40-01	GAN
198	360.0	3087.5	0.0	80.239	1.504	76.2	3.0	17.1	427.	40-02	O GAN
199	360.0	3087.5	0.0	107.158	1.914	76.2	3.2	14.8	403.	40-03	GAN
200	360.0	3087.5	0.0	125.722	2.245	71.6	2.9	29.3	414.	40-04	* GAN
201	360.0	3087.5	0.0	153.064	2.733	70.1	4.5	10.3	415.	40-05	* GAN
202	360.0	3087.5	0.0	254.526	4.545	93.3	5.4	16.0	417.	40-06	* GAN
203	350.5	3091.0	0.0	0.126	0.011	46.0	1.4	0.3	477.	41-01	TPA GENERL
204	360.3	3092.3	0.0	0.197	0.808	27.4	2.1	9.8	304.	42-01	TPA INCIN
205	360.3	3092.3	0.0	0.197	0.671	27.4	2.1	9.0	344.	42-02	
206	360.3	3092.3	0.0	0.197	0.611	27.4	2.1	8.7	344.	42-03	
207	357.6	3105.4	0.0	0.0	0.036	11.6	1.1	1.7	298.	44-01	ROBBINS
208	357.6	3105.4	0.0	0.0	0.025	7.3	0.7	3.9	298.	44-02	
209	357.6	3105.4	0.0	0.0	0.014	8.5	0.4	15.7	298.	44-03	
210	357.6	3105.0	0.0	0.0	0.011	15.8	5.0	1.2	700.	44-04	
211	360.4	3102.2	0.0	0.364	0.162	42.7	1.5	17.6	489.	45-01	THATCHER
212	360.4	3102.2	0.0	0.178	0.167	42.7	1.5	20.4	466.	45-02	
213	349.7	3084.51	0.0	0.0	0.016	10.7	0.6	5.7	366.	46-01	WENCZEL
214	349.7	3084.5	0.0	0.0	0.016	10.7	0.6	5.7	366.	46-02	
215	349.7	3084.5	0.0	0.0	0.016	10.7	0.6	5.7	366.	46-03	
216	361.8	3088.3	0.0	2.595	0.004	30.5	0.7	15.2	300.	50-01	CHLOR METL
217	361.8	3088.3	0.0	0.0	0.055	7.6	0.6	14.5	302.	50-02	
218	357.6	3101.3	0.0	0.0	0.093	10.7	0.5	7.2	561.	53-02	CONC PRODS
219	362.4	3082.0	0.0	0.0	0.125	20.4	0.6	32.0	355.	56-01	GAF CORP
220	362.4	3087.0	0.0	0.0	0.011	1.8	0.5	16.0	294.	56-02	
221	363.9	3093.8	0.0	1.379	0.055	30.5	0.6	25.5	345.	57-01	GULF COAST
222	357.8	3089.0	0.0	0.0	0.137	10.0	0.5	11.5	298.	59-01	RIVER GULF
223	359.6	3094.5	0.0	0.936	0.0	11.9	4.8	0.7	494.	64-01	DEL MONTE
224	388.2	3098.9	0.0	0.099	0.008	32.9	1.8	2.2	447.	71-01	FLA SIP
225	384.2	3098.9	0.0	0.055	0.004	15.2	1.2	5.6	355.	71-02	
226	362.7	3097.5	0.0	0.0	0.063	12.2	0.6	2.1	436.	72-01	REYNOLDS
227	361.7	3093.3	0.0	0.0	0.055	12.2	0.2	15.2	309.	73-01	SUPERIN
228	393.8	3096.3	0.0	0.025	0.297	30.5	1.2	10.1	339.	75-01	BORDEN
229	393.8	3096.3	0.0	0.005	0.019	20.4	1.5	13.2	312.	75-02	

221	387.9	3093.3	0.0	0.033	0.007	[illegible]	[illegible]	[illegible]	[illegible]	84-02	[illegible]
224	388.2	3098.9	0.0	0.099	0.008	32.9	1.8	2.2	447.	71-01	FLA SIP
225	388.2	3098.9	0.0	0.055	0.044	15.2	1.2	5.6	355.	71-02	
226	362.7	3097.5	0.0	0.0	0.063	12.2	0.6	2.1	436.	72-01	REYNOLDS
227	361.7	3093.3	0.0	0.0	0.055	12.2	0.2	15.2	309.	73-01	SUPERIN
228	393.8	3096.3	0.0	0.025	0.207	30.5	1.2	10.1	339.	75-01	BORDEN
229	393.8	3096.3	0.0	0.005	0.019	24.4	1.5	13.2	312.	75-02	
230	393.8	3096.3	0.0	0.660	0.425	46.3	1.6	22.9	311.	75-03	
231	393.8	3096.3	0.0	1.142	0.225	46.3	1.6	25.6	304.	75-04	
232	393.8	3096.3	0.0	0.753	0.403	61.0	1.6	32.8	306.	75-05	
233	393.8	3096.3	0.0	0.162	0.011	18.3	0.7	4.3	533.	75-19	
234	372.0	3105.3	0.0	0.0	0.134	10.1	3.2	5.0	334.	76-01	DELTA ASPH
235	360.3	3093.0	0.0	0.0	0.011	15.2	0.6	8.9	383.	77-01	W R GRACE
236	358.5	3092.0	0.0	0.027	0.003	6.7	0.4	5.8	450.	81-01	TEXACO
237	358.5	3092.0	0.0	0.055	0.005	6.7	0.5	20.8	450.	81-02	
238	358.0	3089.2	0.0	0.216	0.014	9.1	0.5	5.0	561.	82-01	SULFUR TER
239	358.0	3089.2	0.0	0.216	0.014	9.1	0.5	5.6	561.	82-02	
240	357.8	3092.0	0.0	0.085	0.008	11.0	0.9	2.6	544.	83-01	AMOCO OIL
241	357.8	3092.0	0.0	0.085	0.008	11.0	0.9	2.6	544.	83-02	
242	353.3	3095.9	0.0	0.0	0.014	8.5	0.6	12.1	1255.	89-01	ST JOE HOS
243	353.3	3095.9	0.0	0.003	0.041	7.3	0.6	21.0	516.	89-02	
244	357.9	3089.0	0.0	0.0	0.096	6.1	0.6	19.1	399.	92-01	RIVER GULF

245	360.0	3101.8	0.0	0.0	0.003	17.4	1.2	2.4	505.	95-01	ANHEISER
246	360.0	3101.8	0.0	0.0	0.005	15.5	1.0	1.9	505.	95-02	
247	363.6	3098.1	0.0	0.0	0.022	7.6	0.6	13.7	644.	97-01	W R BONSAL
248	363.6	3098.1	0.0	0.0	0.066	7.6	0.6	13.7	295.	97-02	
249	389.5	3067.9	0.0	0.422	0.455	38.1	2.4	15.2	346.	101-01	BREWSTER
250	389.5	3067.9	0.0	0.422	0.455	38.1	2.4	15.2	346.	101-02	
251	389.5	3067.9	0.0	0.0	0.466	22.9	0.9	10.8	339.	101-03	
252	389.5	3067.9	0.0	0.0	0.466	22.9	1.2	10.1	305.	101-04	
253	358.2	3092.1	0.0	0.0	0.112	24.4	2.1	1.8	295.	103-01	CARGILL
254	358.2	3092.0	0.0	0.126	0.008	7.9	0.9	1.2	564.	104-01	CHEVRON
255	363.4	3093.3	0.0	0.0	0.003	10.7	0.9	16.8	1089.	105-01	COMMERCIL
256	362.8	3097.0	0.0	0.005	0.0	11.0	0.5	7.2	450.	106-02	CONC PROD
257	364.0	3092.9	0.0	0.0	0.033	13.7	1.4	19.5	293.	108-02	D JOSEPH
258	364.0	3092.9	0.0	0.0	0.033	13.7	1.0	14.7	293.	108-03	
259	364.0	3092.9	0.0	0.0	0.033	13.7	1.1	49.1	296.	108-04	
260	364.7	3093.7	0.0	0.0	0.016	10.7	0.9	2.5	311.	115-01	HELENA CH
261	392.2	3100.0	0.0	0.005	0.038	8.0	0.4	1.1	477.	124-01	PCRMC
262	362.8	3097.7	0.0	0.0	0.077	5.5	0.6	5.4	366.	129-01	SECUR MIL
263	395.3	3093.6	0.0	0.0	0.011	7.6	0.3	16.0	295.	131-01	STAUFFER
264	363.0	3098.1	0.0	0.005	0.011	12.2	0.2	37.9	672.	136-01	VERLITE
265	363.0	3098.1	0.0	0.005	0.011	12.2	0.2	37.9	672.	136-02	
266	363.0	3098.1	0.0	0.005	0.041	12.2	0.3	19.4	700.	136-03	
267	363.0	3098.1	0.0	0.005	0.041	12.2	0.3	19.4	700.	136-04	
268	360.9	3093.9	0.0	0.0	0.030	14.6	1.2	2.4	452.	139-01	CONT. CAN
269	360.9	3092.8	0.0	0.0	0.203	9.8	0.6	67.9	372.	140-01	AMER. CAN
270	351.0	3086.5	0.0	0.093	0.008	12.8	0.6	1.6	505.	155-01	SWIFT MTS
271	362.0	3103.2	0.0	0.003	1.209	12.2	1.5	7.4	639.	160-01	SCHLITZ

BIG BEND - 4 PSD - 1974 DER BASELINE

METEOROLOGICAL INPUT DATA FOR THE ANNUAL SEASON

MIXING DEPTH = 1394. METERS
AMBIENT TEMPERATURE = 292. DEGREES,KELVIN
AMBIENT PRESSURE = 1017. MILLIBARS

STABILITY CLASS 1

	WINDSPEED CLASS					
WIND DIRECTION	1	2	3	4	5	6
N	0.0000	0.0002	0.0	0.0	0.0	0.0
NNE	0.0000	0.0002	0.0	0.0	0.0	0.0
NE	0.0000	0.0002	0.0	0.0	0.0	0.0
ENE	0.0000	0.0001	0.0	0.0	0.0	0.0
E	0.0001	0.0003	0.0	0.0	0.0	0.0
ESE	0.0001	0.0002	0.0	0.0	0.0	0.0
SE	0.0000	0.0002	0.0	0.0	0.0	0.0
SSE	0.0001	0.0002	0.0	0.0	0.0	0.0
S	0.0001	0.0002	0.0	0.0	0.0	0.0
SSW	0.0000	0.0002	0.0	0.0	0.0	0.0
SW	0.0001	0.0004	0.0	0.0	0.0	0.0
WSW	0.0001	0.0003	0.0	0.0	0.0	0.0
W	0.0001	0.0003	0.0	0.0	0.0	0.0
WNW	0.0001	0.0002	0.0	0.0	0.0	0.0
NW	0.0000	0.0000	0.0	0.0	0.0	0.0
NNW	0.0000	0.0001	0.0	0.0	0.0	0.0

BIG BEND - 4 PSD - 1974 DER BASELINE

METEOROLOGICAL INPUT DATA FOR THE ANNUAL SEASON

STABILITY CLASS 2

WIND DIRECTION	WINDSPEED CLASS 1	2	3	4	5	6
N	0.0005	0.0013	0.0009	0.0	0.0	0.0
NNE	0.0004	0.0013	0.0008	0.0	0.0	0.0
NE	0.0004	0.0012	0.0009	0.0	0.0	0.0
ENE	0.0005	0.0013	0.0014	0.0	0.0	0.0
E	0.0008	0.0029	0.0027	0.0	0.0	0.0
ESE	0.0007	0.0019	0.0011	0.0	0.0	0.0
SE	0.0005	0.0012	0.0018	0.0	0.0	0.0
SSE	0.0003	0.0018	0.0018	0.0	0.0	0.0
S	0.0005	0.0016	0.0019	0.0	0.0	0.0
SSW	0.0003	0.0013	0.0018	0.0	0.0	0.0
SW	0.0003	0.0017	0.0026	0.0	0.0	0.0
WSW	0.0002	0.0018	0.0039	0.0	0.0	0.0
W	0.0005	0.0030	0.0061	0.0	0.0	0.0
WNW	0.0002	0.0008	0.0008	0.0	0.0	0.0
NW	0.0002	0.0005	0.0003	0.0	0.0	0.0
NNW	0.0003	0.0006	0.0005	0.0	0.0	0.0

BIG BEND - 4 PSD - 1974 DER BASELINE

METEOROLOGICAL INPUT DATA FOR THE ANNUAL SEASON

STABILITY CLASS 3

WIND DIRECTION	WINDSPEED CLASS 1	2	3	4	5	6
N	0.0002	0.0010	0.0034	0.0005	0.0	0.0
NNE	0.0001	0.0011	0.0041	0.0005	0.0	0.0
NE	0.0001	0.0016	0.0054	0.0008	0.0	0.0
ENE	0.0004	0.0029	0.0085	0.0011	0.0	0.0
E	0.0006	0.0057	0.0117	0.0017	0.0000	0.0
ESE	0.0002	0.0029	0.0065	0.0010	0.0000	0.0
SE	0.0003	0.0022	0.0072	0.0013	0.0	0.0
SSE	0.0003	0.0022	0.0069	0.0009	0.0	0.0
S	0.0002	0.0020	0.0053	0.0013	0.0	0.0000
SSW	0.0002	0.0010	0.0058	0.0018	0.0000	0.0
SW	0.0001	0.0015	0.0052	0.0010	0.0	0.0
WSW	0.0001	0.0017	0.0076	0.0013	0.0000	0.0
W	0.0002	0.0021	0.0159	0.0064	0.0003	0.0
WNW	0.0001	0.0007	0.0029	0.0012	0.0000	0.0000
NW	0.0000	0.0005	0.0018	0.0006	0.0000	0.0
NNW	0.0001	0.0008	0.0019	0.0006	0.0001	0.0000

BIG BEND - 4 PSD - 1974 DER BASELINE

METEOROLOGICAL INPUT DATA FOR THE ANNUAL SEASON

STABILITY CLASS 4

WIND DIRECTION	WINDSPEED CLASS 1	2	3	4	5	6
N	0.0005	0.0026	0.0103	0.0081	0.0005	0.0
NNE	0.0004	0.0032	0.0079	0.0068	0.0002	0.0000
NE	0.0005	0.0032	0.0105	0.0105	0.0004	0.0000
ENE	0.0006	0.0045	0.0138	0.0098	0.0003	0.0
E	0.0010	0.0077	0.0235	0.0168	0.0005	0.0000
ESE	0.0005	0.0035	0.0134	0.0073	0.0002	0.0
SE	0.0004	0.0031	0.0101	0.0075	0.0001	0.0000
SSE	0.0003	0.0029	0.0102	0.0076	0.0003	0.0000
S	0.0007	0.0036	0.0118	0.0102	0.0007	0.0001
SSW	0.0003	0.0019	0.0076	0.0084	0.0007	0.0000
SW	0.0002	0.0015	0.0045	0.0034	0.0001	0.0000
WSW	0.0003	0.0018	0.0065	0.0047	0.0002	0.0
W	0.0002	0.0026	0.0164	0.0211	0.0006	0.0001
WNW	0.0004	0.0011	0.0060	0.0091	0.0011	0.0004
NW	0.0003	0.0017	0.0061	0.0095	0.0011	0.0003
NNW	0.0002	0.0015	0.0066	0.0094	0.0013	0.0001

BIG BEND - 4 PSD - 1974 DER BASELINE

METEOROLOGICAL INPUT DATA FOR THE ANNUAL SEASON

STABILITY CLASS 5

WIND DIRECTION	WINDSPEED CLASS 1	2	3	4	5	6
N	0.0043	0.0127	0.0067	0.0	0.0	0.0
NNE	0.0047	0.0119	0.0050	0.0	0.0	0.0
NE	0.0063	0.0181	0.0078	0.0	0.0	0.0
ENE	0.0112	0.0337	0.0094	0.0	0.0	0.0
E	0.0158	0.0487	0.0135	0.0	0.0	0.0
ESE	0.0094	0.0225	0.0068	0.0	0.0	0.0
SE	0.0055	0.0129	0.0052	0.0	0.0	0.0
SSE	0.0039	0.0125	0.0034	0.0	0.0	0.0
S	0.0037	0.0107	0.0029	0.0	0.0	0.0
SSW	0.0015	0.0045	0.0018	0.0	0.0	0.0
SW	0.0015	0.0060	0.0013	0.0	0.0	0.0
WSW	0.0018	0.0052	0.0020	0.0	0.0	0.0
W	0.0028	0.0068	0.0049	0.0	0.0	0.0
WNW	0.0026	0.0069	0.0035	0.0	0.0	0.0
NW	0.0041	0.0132	0.0049	0.0	0.0	0.0
NNW	0.0038	0.0102	0.0042	0.0	0.0	0.0

BIG BEND - 4 PSD - 1974 DER BASELINE

INPUT REGRESSION PARAMETERS ARE:

POLLUTANT	Y-INTERCEPT	SLOPE
SO2	0.0	1.0000
PARTICULATES	0.0	1.0000

BIG BEND - 4 PSD - 1974 DER BASELINE

RECEPTOR CONCENTRATION DATA

RECEPTOR NUMBER	RECEPTOR LOCATION (KILOMETERS) HORIZ	VERT	EXPECTED ARITHMETIC MEAN (MICROGRAMS/CU. METER) SO2	PARTICULATES
1	357.0	3070.0	29.	6.
2	357.0	3071.0	31.	7.
3	357.0	3072.0	34.	7.
4	357.0	3073.0	37.	8.
5	357.0	3074.0	41.	9.
6	357.0	3075.0	47.	10.
7	357.0	3076.0	45.	11.
8	357.0	3077.0	45.	12.
9	357.0	3078.0	51.	14.
10	357.0	3079.0	56.	17.
11	357.0	3080.0	61.	21.
12	358.0	3070.0	29.	6.
13	358.0	3071.0	30.	7.
14	358.0	3072.0	32.	7.
15	358.0	3073.0	35.	8.
16	358.0	3074.0	39.	9.
17	358.0	3075.0	45.	10.
18	358.0	3076.0	44.	11.
19	358.0	3077.0	46.	12.
20	358.0	3078.0	52.	14.
21	358.0	3079.0	59.	18.
22	358.0	3080.0	66.	23.
23	359.0	3070.0	28.	6.
24	359.0	3071.0	30.	7.
25	359.0	3072.0	31.	7.
26	359.0	3073.0	32.	8.
27	359.0	3074.0	34.	8.
28	359.0	3075.0	39.	9.
29	359.0	3076.0	39.	11.
30	359.0	3077.0	45.	12.
31	359.0	3078.0	52.	14.
32	359.0	3079.0	61.	17.
33	359.0	3080.0	71.	24.
34	360.0	3070.0	29.	6.
35	360.0	3071.0	30.	7.
36	360.0	3072.0	30.	7.
37	360.0	3073.0	30.	8.
38	360.0	3074.0	30.	8.
39	360.0	3075.0	33.	9.
40	360.0	3076.0	36.	10.

BIG BEND - 4 PSD - 1974 DER BASELINE

RECEPTOR CONCENTRATION DATA

RECEPTOR NUMBER	RECEPTOR LOCATION (KILOMETERS) RURIZ	VERT	EXPECTED ARITHMETIC MEAN (MICROGRAMS/CU. METER) SO2	PARTICULATES
41	300.0	3077.0	44.	12.
42	300.0	3078.0	52.	14.
43	300.0	3079.0	61.	18.
44	300.0	3080.0	74.	24.
45	301.0	3070.0	28.	6.
46	301.0	3071.0	29.	7.
47	301.0	3072.0	29.	7.
48	301.0	3073.0	29.	8.
49	301.0	3074.0	30.	9.
50	301.0	3075.0	31.	10.
51	301.0	3076.0	34.	10.
52	301.0	3077.0	40.	12.
53	301.0	3078.0	49.	14.
54	301.0	3079.0	60.	18.
55	301.0	3080.0	73.	25.
56	302.0	3070.0	28.	6.
57	302.0	3071.0	29.	7.
58	302.0	3072.0	29.	7.
59	302.0	3073.0	28.	8.
60	302.0	3074.0	30.	9.
61	302.0	3075.0	31.	9.
62	302.0	3076.0	35.	11.
63	302.0	3077.0	41.	12.
64	302.0	3078.0	50.	15.
65	302.0	3079.0	57.	18.
66	302.0	3080.0	68.	25.
67	303.0	3070.0	26.	6.
68	303.0	3071.0	27.	7.
69	303.0	3072.0	27.	7.
70	303.0	3073.0	28.	8.
71	303.0	3074.0	29.	8.
72	303.0	3075.0	33.	10.
73	303.0	3076.0	37.	10.
74	303.0	3077.0	43.	12.
75	303.0	3078.0	50.	14.
76	303.0	3079.0	60.	18.
77	303.0	3080.0	70.	27.
78	304.0	3070.0	25.	6.
79	304.0	3071.0	26.	7.
80	304.0	3072.0	27.	7.

BIG BEND - 4 PSD - 1974 DER BASELINE

RECEPTOR CONCENTRATION DATA

RECEPTOR NUMBER	RECEPTOR LOCATION (KILOMETERS) EUBIZ	VEUT	EXPECTED ARITHMETIC MEAN (MICROGRAMS/CU. METER) SO2	PARTICULATES
81	364.0	3073.0	28.	7.
82	364.0	3074.0	30.	8.
83	364.0	3075.0	43.	9.
84	364.0	3076.0	41.	10.
85	364.0	3077.0	44.	11.
86	364.0	3078.0	49.	13.
87	364.0	3079.0	56.	16.
88	364.0	3080.0	62.	20.
89	365.0	3070.0	24.	6.
90	365.0	3071.0	25.	6.
91	365.0	3072.0	26.	7.
92	365.0	3073.0	28.	7.
93	365.0	3074.0	34.	8.
94	365.0	3075.0	51.	9.
95	365.0	3076.0	44.	9.
96	365.0	3077.0	43.	10.
97	365.0	3078.0	45.	11.
98	365.0	3079.0	50.	14.
99	365.0	3080.0	58.	18.
100	366.0	3070.0	22.	6.
101	366.0	3071.0	23.	6.
102	366.0	3072.0	25.	6.
103	366.0	3073.0	27.	7.
104	366.0	3074.0	37.	7.
105	366.0	3075.0	51.	8.
106	366.0	3076.0	46.	8.
107	366.0	3077.0	43.	10.
108	366.0	3078.0	45.	11.
109	366.0	3079.0	47.	13.
110	366.0	3080.0	51.	14.
111	367.0	3070.0	21.	5.
112	367.0	3071.0	23.	6.
113	367.0	3072.0	24.	6.
114	367.0	3073.0	27.	6.
115	367.0	3074.0	38.	7.
116	367.0	3075.0	50.	8.
117	367.0	3076.0	46.	8.
118	367.0	3077.0	42.	9.
119	367.0	3078.0	43.	10.
120	367.0	3079.0	44.	11.

BIG BEND - 4 PSD - 1974 DER BASELINE

RECEPTOR CONCENTRATION DATA

RECEPTOR NUMBER	RECEPTOR LOCATION (KILOMETERS) DUBIZ	VERI	EXPECTED ARITHMETIC MEAN (MICROGRAMS/CU. METER) SO2	PARTICULATES
121	347.0	3080.0	44	11

BIG BEND - 4 PSD - 1974 DER BASELINE

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL SO2

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 44	RECEPTOR 55	RECEPTOR 33	RECEPTOR 77	RECEPTOR 66
1	0.00 % 0.0019	0.00 % 0.0019	0.00 % 0.0019	0.00 % 0.0018	0.00 % 0.0018
2	0.00 % 0.0019	0.00 % 0.0019	0.00 % 0.0019	0.00 % 0.0018	0.00 % 0.0018
3	0.00 % 0.0001	0.00 % 0.0001	0.00 % 0.0001	0.00 % 0.0001	0.00 % 0.0001
4	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
5	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
6	0.00 % 0.0028	0.00 % 0.0027	0.00 % 0.0029	0.00 % 0.0024	0.00 % 0.0025
7	0.00 % 0.0028	0.00 % 0.0027	0.00 % 0.0029	0.00 % 0.0024	0.00 % 0.0025
8	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
9	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
10	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
11	0.01 % 0.0045	0.01 % 0.0045	0.01 % 0.0045	0.01 % 0.0043	0.01 % 0.0040
12	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
13	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
14	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
15	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
16	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
17	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
18	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
19	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
20	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
21	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0

BIG BEND - 4 PSD - 1974 DER BASELINE

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL SO2

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 44	RECEPTOR 55	RECEPTOR 33	RECEPTOR 77	RECEPTOR 66
22	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
23	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
24	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
25	0.28 % 0.2076	0.29 % 0.2109	0.29 % 0.2035	0.30 % 0.2145	0.31 % 0.2132
26	0.28 % 0.2076	0.29 % 0.2109	0.29 % 0.2035	0.30 % 0.2145	0.31 % 0.2132
27	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
28	0.01 % 0.0083	0.01 % 0.0081	0.01 % 0.0084	0.01 % 0.0077	0.01 % 0.0079
29	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
30	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
31	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
32	0.01 % 0.0060	0.01 % 0.0062	0.01 % 0.0065	0.01 % 0.0059	0.01 % 0.0061
33	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
34	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
35	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
36	0.01 % 0.0101	0.01 % 0.0098	0.01 % 0.0105	0.01 % 0.0092	0.01 % 0.0095
37	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
38	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
39	2.15 % 1.5079	2.10 % 1.5258	2.34 % 1.6514	2.00 % 1.4080	2.15 % 1.4650
40	1.41 % 1.0437	1.38 % 1.0040	1.54 % 1.0800	1.32 % 0.9286	1.42 % 0.9655
41	2.04 % 1.5037	2.00 % 1.4567	2.20 % 1.5502	1.94 % 1.3643	2.07 % 1.4099
42	0.08 % 0.0582	0.08 % 0.0579	0.08 % 0.0582	0.08 % 0.0566	0.08 % 0.0573

BIG BEND - 4 PSD - 1974 DER BASELINE

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL SO2

MICROGRAMS PER CUBIC METER **

SOURCE	RECEPTOR 44	RECEPTOR 55	RECEPTOR 33	RECEPTOR 77	RECEPTOR 66
43	0.20 % 0.1491	0.20 % 0.1454	0.22 % 0.1527	0.20 % 0.1378	0.21 % 0.1416
44	0.20 % 0.1453	0.20 % 0.1418	0.21 % 0.1486	0.19 % 0.1305	0.20 % 0.1382
45	0.20 % 0.1506	0.20 % 0.1470	0.22 % 0.1539	0.20 % 0.1395	0.21 % 0.1433
46	0.01 % 0.0110	0.02 % 0.0112	0.02 % 0.0108	0.02 % 0.0110	0.02 % 0.0113
47	0.01 % 0.0054	0.01 % 0.0050	0.01 % 0.0055	0.01 % 0.0052	0.01 % 0.0051
48	0.01 % 0.0060	0.01 % 0.0058	0.01 % 0.0060	0.01 % 0.0057	0.01 % 0.0055
49	0.10 % 0.0761	0.10 % 0.0711	0.11 % 0.0766	0.11 % 0.0779	0.11 % 0.0785
50	0.17 % 0.1276	0.17 % 0.1252	0.18 % 0.1259	0.18 % 0.1276	0.18 % 0.1285
51	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
52	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
53	0.00 % 0.0006	0.00 % 0.0005	0.00 % 0.0006	0.00 % 0.0005	0.00 % 0.0006
54	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
55	0.17 % 0.1286	0.17 % 0.1268	0.18 % 0.1304	0.18 % 0.1260	0.19 % 0.1296
56	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
57	0.00 % 0.0011	0.00 % 0.0011	0.00 % 0.0011	0.00 % 0.0011	0.00 % 0.0011
58	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002
59	0.00 % 0.0003	0.00 % 0.0003	0.00 % 0.0004	0.00 % 0.0003	0.00 % 0.0003
60	0.03 % 0.0227	0.03 % 0.0223	0.03 % 0.0231	0.03 % 0.0222	0.03 % 0.0228
61	0.02 % 0.0115	0.02 % 0.0113	0.02 % 0.0117	0.02 % 0.0110	0.02 % 0.0114
62	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
63	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0

BIG BEND - 4 PSD - 1974 DER BASELINE

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL SO2

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 84	RECEPTOR 55	RECEPTOR 33	RECEPTOR 77	RECEPTOR 66
64	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
65	0.00 % 0.0011	0.00 % 0.0011	0.00 % 0.0011	0.00 % 0.0010	0.00 % 0.0010
66	0.08 % 0.0602	0.08 % 0.0600	0.09 % 0.0621	0.09 % 0.0622	0.09 % 0.0610
67	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
68	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
69	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
70	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
71	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
72	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
73	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
74	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
75	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
76	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
77	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
78	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
79	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
80	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
81	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
82	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
83	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
84	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0

BIG BEND - 4 PSD - 1974 DER BASELINE

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL SO2

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 84	RECEPTOR 55	RECEPTOR 33	RECEPTOR 77	RECEPTOR 66
85	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
86	0.03 % 0.0207	0.03 % 0.0207	0.03 % 0.0206	0.03 % 0.0207	0.03 % 0.0207
87	0.60 % 0.0459	0.61 % 0.0468	0.63 % 0.0480	0.63 % 0.0468	0.66 % 0.0470
88	0.60 % 0.0459	0.61 % 0.0468	0.63 % 0.0480	0.63 % 0.0468	0.66 % 0.0470
89	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
90	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
91	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
92	0.01 % 0.0039	0.01 % 0.0039	0.01 % 0.0039	0.01 % 0.0039	0.01 % 0.0041
93	4.77 % 3.5199	4.83 % 3.5074	4.61 % 3.2090	5.83 % 4.1102	5.18 % 3.5229
94	8.34 % 6.1577	8.49 % 6.1020	8.09 % 5.7042	9.53 % 6.7139	8.62 % 5.8674
95	10.83 % 7.9992	10.81 % 7.8545	10.57 % 7.4501	10.95 % 7.7151	10.27 % 6.9882
96	9.24 % 6.8245	10.17 % 7.3958	8.33 % 5.8703	11.37 % 8.0066	10.14 % 6.8987
97	8.73 % 6.4472	9.43 % 6.8541	8.00 % 5.6380	9.43 % 6.6412	8.73 % 5.9390
98	1.28 % 0.9453	1.32 % 0.9576	1.21 % 0.8565	1.33 % 0.9351	1.28 % 0.8707
99	1.36 % 1.0041	1.45 % 1.0518	1.46 % 1.0296	1.62 % 1.1382	1.57 % 1.0705
100	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
101	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
102	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
103	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
104	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
105	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0

BIG BEND - 4 PSD - 1974 DER BASELINE

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL SO2

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 44	RECEPTOR 55	RECEPTOR 33	RECEPTOR 77	RECEPTOR 66
106	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
107	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
108	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
109	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
110	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
111	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
112	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
113	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
114	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
115	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
116	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
117	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
118	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
119	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
120	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
121	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
122	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
123	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
124	0.57 % 0.4185	0.62 % 0.4096	0.58 % 0.4098	0.72 % 0.5087	0.64 % 0.4358
125	0.54 % 0.3927	0.59 % 0.4295	0.56 % 0.3914	0.69 % 0.4866	0.61 % 0.4168
126	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0

BIG BEND - A PSD - 1974 DER BASELINE

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL SO2

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 44	RECEPTOR 55	RECEPTOR 33	RECEPTOR 77	RECEPTOR 66
127	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
128	0.59 % 0.0327	0.63 % 0.0576	0.63 % 0.0417	0.67 % 0.0695	0.63 % 0.0279
129	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
130	0.63 % 0.0625	0.57 % 0.0178	0.65 % 0.0611	0.53 % 0.3701	0.71 % 0.0832
131	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
132	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
133	0.01 % 0.0058	0.01 % 0.0063	0.01 % 0.0058	0.01 % 0.0076	0.01 % 0.0067
134	0.09 % 0.0621	0.10 % 0.0701	0.09 % 0.0626	0.10 % 0.0700	0.09 % 0.0621
135	0.00 % 0.0031	0.00 % 0.0032	0.00 % 0.0031	0.00 % 0.0030	0.00 % 0.0026
136	0.14 % 0.1058	0.14 % 0.1050	0.15 % 0.1068	0.14 % 0.1003	0.15 % 0.1031
137	0.14 % 0.1058	0.14 % 0.1050	0.15 % 0.1068	0.14 % 0.1003	0.15 % 0.1031
138	0.00 % 0.0035	0.00 % 0.0030	0.00 % 0.0035	0.00 % 0.0033	0.00 % 0.0030
139	0.00 % 0.0036	0.00 % 0.0036	0.00 % 0.0035	0.00 % 0.0035	0.01 % 0.0037
140	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
141	0.01 % 0.0041	0.01 % 0.0040	0.01 % 0.0040	0.01 % 0.0039	0.01 % 0.0040
142	0.01 % 0.0041	0.01 % 0.0040	0.01 % 0.0040	0.01 % 0.0039	0.01 % 0.0040
143	0.01 % 0.0041	0.01 % 0.0040	0.01 % 0.0040	0.01 % 0.0039	0.01 % 0.0040
144	0.03 % 0.0243	0.03 % 0.0223	0.04 % 0.0255	0.03 % 0.0192	0.03 % 0.0197
145	0.03 % 0.0243	0.03 % 0.0223	0.04 % 0.0255	0.03 % 0.0192	0.03 % 0.0197
146	0.03 % 0.0243	0.03 % 0.0223	0.04 % 0.0255	0.03 % 0.0192	0.03 % 0.0197
147	0.04 % 0.0301	0.04 % 0.0272	0.05 % 0.0319	0.03 % 0.0226	0.03 % 0.0239

BIG BEND - 4 PSD - 1974 DER BASELINE

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL SO2

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 40	RECEPTOR 55	RECEPTOR 33	RECEPTOR 77	RECEPTOR 66
148	0.10 % 0.0735	0.09 % 0.0678	0.11 % 0.0769	0.08 % 0.0586	0.09 % 0.0602
149	0.16 % 0.1186	0.15 % 0.1125	0.17 % 0.1214	0.15 % 0.1023	0.15 % 0.1037
150	0.00 % 0.0006	0.00 % 0.0006	0.00 % 0.0007	0.00 % 0.0005	0.00 % 0.0005
151	0.00 % 0.0006	0.00 % 0.0006	0.00 % 0.0007	0.00 % 0.0005	0.00 % 0.0005
152	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
153	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
154	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
155	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
156	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
157	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
158	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
159	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
160	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
161	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
162	0.00 % 0.0001	0.00 % 0.0001	0.00 % 0.0001	0.00 % 0.0001	0.00 % 0.0001
163	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
164	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
165	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
166	0.00 % 0.0021	0.00 % 0.0020	0.00 % 0.0020	0.00 % 0.0019	0.00 % 0.0017
167	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
168	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0

BIG BEND - 4 PSD - 1974 DER BASELINE

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL SO2

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 84	RECEPTOR 55	RECEPTOR 33	RECEPTOR 77	RECEPTOR 66
169	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
170	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
171	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
172	0.00 % 0.0019	0.00 % 0.0018	0.00 % 0.0020	0.00 % 0.0019	0.00 % 0.0018
173	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
174	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
175	0.01 % 0.0061	0.01 % 0.0056	0.01 % 0.0065	0.01 % 0.0049	0.01 % 0.0052
176	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
177	0.00 % 0.0012	0.00 % 0.0011	0.00 % 0.0013	0.00 % 0.0010	0.00 % 0.0010
178	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
179	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
180	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
181	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
182	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
183	0.08 % 0.0602	0.09 % 0.0678	0.08 % 0.0562	0.11 % 0.0743	0.11 % 0.0722
184	0.06 % 0.0467	0.07 % 0.0526	0.06 % 0.0437	0.08 % 0.0577	0.08 % 0.0561
185	0.02 % 0.0120	0.02 % 0.0121	0.02 % 0.0119	0.02 % 0.0122	0.02 % 0.0122
186	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
187	0.01 % 0.0083	0.01 % 0.0079	0.01 % 0.0089	0.01 % 0.0070	0.01 % 0.0070
188	0.00 % 0.0005	0.00 % 0.0005	0.00 % 0.0005	0.00 % 0.0004	0.00 % 0.0005
189	0.01 % 0.0046	0.01 % 0.0046	0.01 % 0.0046	0.01 % 0.0046	0.01 % 0.0046

BIG BEND - 4 PSD - 1974 DER BASELINE

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL SO2

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 44	RECEPTOR 55	RECEPTOR 33	RECEPTOR 77	RECEPTOR 66
190	2.08 % 1.5364	1.89 % 1.3760	2.34 % 1.6511	1.55 % 1.0911	1.73 % 1.1782
191	1.15 % 0.8491	1.07 % 0.7779	1.27 % 0.8935	0.90 % 0.6372	1.01 % 0.6840
192	0.49 % 0.3416	0.46 % 0.3332	0.54 % 0.3792	0.39 % 0.2765	0.43 % 0.2953
193	0.81 % 0.6012	0.77 % 0.5575	0.89 % 0.6274	0.67 % 0.4695	0.73 % 0.4987
194	4.81 % 3.5550	4.69 % 3.4109	5.06 % 3.5656	4.58 % 3.2288	4.79 % 3.2609
195	4.76 % 3.5189	4.69 % 3.3763	5.01 % 3.5294	4.54 % 3.1960	4.74 % 3.2278
196	3.10 % 2.2867	2.98 % 2.1626	3.36 % 2.3703	3.04 % 2.1011	3.08 % 2.0938
197	3.95 % 2.9148	3.76 % 2.7320	3.93 % 2.7733	3.25 % 2.2903	3.74 % 2.5456
198	3.41 % 2.5197	3.24 % 2.3541	3.41 % 2.4057	2.81 % 1.9815	3.22 % 2.1938
199	4.88 % 3.6011	4.62 % 3.3613	4.86 % 3.4303	3.98 % 2.8026	4.59 % 3.1217
200	3.77 % 2.7802	3.58 % 2.6042	3.80 % 2.6799	3.18 % 2.2374	3.59 % 2.4403
201	3.75 % 2.7691	3.58 % 2.6022	3.81 % 2.6877	3.22 % 2.2673	3.61 % 2.4577
202	3.21 % 2.3701	2.97 % 2.1605	3.37 % 2.3763	2.51 % 1.7708	2.90 % 1.9753
203	0.05 % 0.0392	0.05 % 0.0363	0.06 % 0.0431	0.05 % 0.0357	0.05 % 0.0355
204	0.05 % 0.0374	0.05 % 0.0371	0.05 % 0.0377	0.05 % 0.0335	0.05 % 0.0357
205	0.05 % 0.0376	0.05 % 0.0372	0.05 % 0.0378	0.05 % 0.0336	0.05 % 0.0358
206	0.05 % 0.0376	0.05 % 0.0372	0.05 % 0.0379	0.05 % 0.0336	0.05 % 0.0358
207	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
208	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
209	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
210	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0

BIG BEND - 4 PSD - 1974 DER BASELINE

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL SO2

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 84	RECEPTOR 55	RECEPTOR 33	RECEPTOR 77	RECEPTOR 66
211	0.01 % 0.0071	0.01 % 0.0070	0.01 % 0.0071	0.01 % 0.0068	0.01 % 0.0070
212	0.00 % 0.0034	0.00 % 0.0034	0.00 % 0.0034	0.00 % 0.0033	0.00 % 0.0034
213	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
214	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
215	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
216	1.81 % 1.3396	1.87 % 1.3577	1.77 % 1.2872	1.82 % 1.2790	1.94 % 1.3215
217	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
218	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
219	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
220	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
221	0.30 % 0.2202	0.32 % 0.2313	0.29 % 0.2051	0.34 % 0.2392	0.35 % 0.2579
222	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
223	0.01 % 0.0062	0.01 % 0.0061	0.01 % 0.0063	0.01 % 0.0054	0.01 % 0.0050
224	0.02 % 0.0116	0.02 % 0.0116	0.02 % 0.0115	0.02 % 0.0116	0.02 % 0.0116
225	0.02 % 0.0121	0.02 % 0.0121	0.02 % 0.0121	0.02 % 0.0121	0.02 % 0.0121
226	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
227	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
228	0.00 % 0.0030	0.00 % 0.0031	0.00 % 0.0030	0.00 % 0.0032	0.00 % 0.0031
229	0.00 % 0.0006	0.00 % 0.0006	0.00 % 0.0006	0.00 % 0.0006	0.00 % 0.0006
230	0.11 % 0.0790	0.11 % 0.0807	0.11 % 0.0781	0.12 % 0.0833	0.12 % 0.0820
231	0.19 % 0.1376	0.19 % 0.1399	0.19 % 0.1353	0.20 % 0.1403	0.21 % 0.1421

BIG BEND - 4 PSD - 1974 DER BASELINE

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL SO2

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 44	RECEPTOR 55	RECEPTOR 33	RECEPTOR 77	RECEPTOR 66
232	0.03 % 0.0227	0.03 % 0.0233	0.03 % 0.0221	0.03 % 0.0246	0.04 % 0.0280
233	0.05 % 0.0370	0.05 % 0.0379	0.05 % 0.0360	0.06 % 0.0390	0.06 % 0.0385
234	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
235	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
236	0.01 % 0.0091	0.01 % 0.0086	0.01 % 0.0093	0.01 % 0.0071	0.01 % 0.0080
237	0.01 % 0.0100	0.01 % 0.0101	0.02 % 0.0112	0.01 % 0.0081	0.01 % 0.0092
238	0.12 % 0.0915	0.11 % 0.0816	0.14 % 0.0977	0.11 % 0.0749	0.11 % 0.0729
239	0.12 % 0.0915	0.11 % 0.0816	0.14 % 0.0976	0.11 % 0.0748	0.11 % 0.0729
240	0.04 % 0.0275	0.04 % 0.0257	0.04 % 0.0287	0.03 % 0.0215	0.03 % 0.0232
241	0.04 % 0.0275	0.04 % 0.0257	0.04 % 0.0287	0.03 % 0.0215	0.03 % 0.0232
242	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
243	0.00 % 0.0003	0.00 % 0.0003	0.00 % 0.0003	0.00 % 0.0003	0.00 % 0.0003
244	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
245	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
246	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
247	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
248	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
249	0.01 % 0.0069	0.01 % 0.0071	0.01 % 0.0065	0.01 % 0.0075	0.01 % 0.0072
250	0.01 % 0.0069	0.01 % 0.0071	0.01 % 0.0065	0.01 % 0.0075	0.01 % 0.0072
251	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
252	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0

BIG BEND - 4 PSD - 1974 DER BASELINE

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL SO2

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 84	RECEPTOR 55	RECEPTOR 33	RECEPTOR 77	RECEPTOR 66
253	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
254	0.06 % 0.0417	0.05 % 0.0393	0.06 % 0.0430	0.05 % 0.0327	0.05 % 0.0360
255	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
256	0.00 % 0.0012	0.00 % 0.0012	0.00 % 0.0012	0.00 % 0.0012	0.00 % 0.0012
257	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
258	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
259	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
260	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
261	0.00 % 0.0010	0.00 % 0.0010	0.00 % 0.0010	0.00 % 0.0010	0.00 % 0.0010
262	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
263	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
264	0.00 % 0.0011	0.00 % 0.0011	0.00 % 0.0011	0.00 % 0.0011	0.00 % 0.0011
265	0.00 % 0.0011	0.00 % 0.0011	0.00 % 0.0011	0.00 % 0.0011	0.00 % 0.0011
266	0.00 % 0.0011	0.00 % 0.0011	0.00 % 0.0011	0.00 % 0.0011	0.00 % 0.0011
267	0.00 % 0.0011	0.00 % 0.0011	0.00 % 0.0011	0.00 % 0.0011	0.00 % 0.0011
268	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
269	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
270	0.04 % 0.0300	0.04 % 0.0268	0.05 % 0.0305	0.03 % 0.0207	0.03 % 0.0235
271	0.00 % 0.0001	0.00 % 0.0001	0.00 % 0.0001	0.00 % 0.0001	0.00 % 0.0001
BACK-GROUND	0.0 % 0.	0.0 % 0.	0.0 % 0.	0.0 % 0.	0.0 % 0.
TOTAL	100.0 % 73.8793	100.0 % 72.7081	100.0 % 70.5350	100.0 % 70.0685	100.0 % 68.0799

BIG BEND - 4 PSD - 1974 DER BASELINE

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL PARTICULATES

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 77	RECEPTOR 55	RECEPTOR 66	RECEPTOR 33	RECEPTOR 84
1	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002
2	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002
3	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
4	0.04 % 0.0115	0.05 % 0.0119	0.05 % 0.0117	0.05 % 0.0120	0.05 % 0.0120
5	0.07 % 0.0201	0.08 % 0.0208	0.08 % 0.0205	0.09 % 0.0210	0.09 % 0.0209
6	0.01 % 0.0029	0.01 % 0.0032	0.01 % 0.0030	0.01 % 0.0039	0.01 % 0.0033
7	0.01 % 0.0020	0.01 % 0.0027	0.01 % 0.0025	0.01 % 0.0029	0.01 % 0.0028
8	0.00 % 0.0012	0.00 % 0.0012	0.00 % 0.0012	0.00 % 0.0012	0.00 % 0.0012
9	0.05 % 0.0145	0.06 % 0.0149	0.06 % 0.0147	0.06 % 0.0151	0.06 % 0.0151
10	0.02 % 0.0043	0.02 % 0.0045	0.02 % 0.0044	0.02 % 0.0045	0.02 % 0.0045
11	0.02 % 0.0048	0.02 % 0.0050	0.02 % 0.0049	0.02 % 0.0050	0.02 % 0.0050
12	0.01 % 0.0029	0.01 % 0.0030	0.01 % 0.0032	0.02 % 0.0038	0.01 % 0.0036
13	0.02 % 0.0064	0.03 % 0.0067	0.03 % 0.0066	0.03 % 0.0069	0.03 % 0.0068
14	0.02 % 0.0047	0.02 % 0.0048	0.02 % 0.0048	0.02 % 0.0049	0.02 % 0.0048
15	0.01 % 0.0018	0.01 % 0.0018	0.01 % 0.0018	0.01 % 0.0019	0.01 % 0.0019
16	0.03 % 0.0070	0.03 % 0.0075	0.03 % 0.0069	0.04 % 0.0088	0.03 % 0.0081
17	0.03 % 0.0071	0.03 % 0.0076	0.03 % 0.0069	0.04 % 0.0088	0.03 % 0.0082
18	0.01 % 0.0015	0.01 % 0.0016	0.01 % 0.0015	0.01 % 0.0019	0.01 % 0.0018
19	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002
20	0.00 % 0.0007	0.00 % 0.0008	0.00 % 0.0007	0.00 % 0.0009	0.00 % 0.0008
21	0.01 % 0.0014	0.01 % 0.0015	0.01 % 0.0014	0.01 % 0.0018	0.01 % 0.0017

BIG BEND - 4 PSD - 1974 DER BASELINE

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL PARTICULATES

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 77	RECEPTOR 55	RECEPTOR 66	RECEPTOR 33	RECEPTOR 44
22	0.00 % 0.0000	0.00 % 0.0000	0.00 % 0.0000	0.00 % 0.0005	0.00 % 0.0005
23	0.00 % 0.0001	0.00 % 0.0001	0.00 % 0.0001	0.00 % 0.0001	0.00 % 0.0001
24	0.02 % 0.0005	0.02 % 0.0008	0.02 % 0.0006	0.02 % 0.0050	0.02 % 0.0009
25	0.10 % 0.0268	0.10 % 0.0264	0.11 % 0.0266	0.10 % 0.0254	0.11 % 0.0260
26	0.10 % 0.0268	0.10 % 0.0264	0.11 % 0.0266	0.10 % 0.0254	0.11 % 0.0260
27	0.01 % 0.0040	0.02 % 0.0042	0.02 % 0.0041	0.02 % 0.0043	0.02 % 0.0042
28	0.03 % 0.0075	0.03 % 0.0079	0.03 % 0.0077	0.03 % 0.0082	0.03 % 0.0081
29	0.00 % 0.0001	0.00 % 0.0001	0.00 % 0.0001	0.00 % 0.0001	0.00 % 0.0001
30	0.01 % 0.0020	0.01 % 0.0020	0.01 % 0.0020	0.01 % 0.0025	0.01 % 0.0025
31	0.02 % 0.0048	0.02 % 0.0050	0.02 % 0.0048	0.02 % 0.0057	0.02 % 0.0052
32	0.01 % 0.0028	0.01 % 0.0030	0.01 % 0.0029	0.01 % 0.0031	0.01 % 0.0030
33	0.20 % 0.0502	0.23 % 0.0583	0.22 % 0.0562	0.26 % 0.0630	0.25 % 0.0606
34	0.03 % 0.0076	0.03 % 0.0081	0.03 % 0.0078	0.04 % 0.0088	0.03 % 0.0085
35	0.01 % 0.0035	0.01 % 0.0037	0.01 % 0.0036	0.02 % 0.0039	0.02 % 0.0038
36	0.02 % 0.0052	0.02 % 0.0055	0.02 % 0.0053	0.02 % 0.0059	0.02 % 0.0057
37	0.01 % 0.0026	0.01 % 0.0028	0.01 % 0.0027	0.01 % 0.0030	0.01 % 0.0029
38	0.04 % 0.0110	0.05 % 0.0120	0.05 % 0.0116	0.06 % 0.0142	0.05 % 0.0133
39	0.05 % 0.0127	0.05 % 0.0138	0.05 % 0.0133	0.06 % 0.0149	0.06 % 0.0144
40	0.05 % 0.0133	0.06 % 0.0144	0.06 % 0.0138	0.06 % 0.0155	0.06 % 0.0149
41	0.06 % 0.0176	0.07 % 0.0187	0.07 % 0.0181	0.08 % 0.0199	0.08 % 0.0193
42	0.00 % 0.0008	0.00 % 0.0008	0.00 % 0.0008	0.00 % 0.0008	0.00 % 0.0008

BIG BEND - 4 P30 - 1974 DER BASELINE

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL PARTICULATES

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 37	RECEPTOR 55	RECEPTOR 60	RECEPTOR 33	RECEPTOR 60
43	0.00 % 0.0013	0.01 % 0.0013	0.01 % 0.0013	0.01 % 0.0014	0.01 % 0.0014
44	0.00 % 0.0013	0.01 % 0.0014	0.01 % 0.0014	0.01 % 0.0015	0.01 % 0.0015
45	0.01 % 0.0014	0.01 % 0.0015	0.01 % 0.0014	0.01 % 0.0015	0.01 % 0.0015
46	0.00 % 0.0000	0.00 % 0.0000	0.00 % 0.0000	0.00 % 0.0000	0.00 % 0.0000
47	0.00 % 0.0001	0.00 % 0.0001	0.00 % 0.0001	0.00 % 0.0001	0.00 % 0.0001
48	0.00 % 0.0000	0.00 % 0.0000	0.00 % 0.0000	0.00 % 0.0000	0.00 % 0.0000
49	0.00 % 0.0010	0.00 % 0.0009	0.00 % 0.0010	0.00 % 0.0010	0.00 % 0.0010
50	0.00 % 0.0005	0.00 % 0.0005	0.00 % 0.0005	0.00 % 0.0005	0.00 % 0.0005
51	0.01 % 0.0001	0.02 % 0.0003	0.02 % 0.0002	0.02 % 0.0005	0.02 % 0.0008
52	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002
53	0.00 % 0.0007	0.00 % 0.0008	0.00 % 0.0008	0.00 % 0.0008	0.00 % 0.0008
54	0.00 % 0.0006	0.00 % 0.0006	0.00 % 0.0006	0.00 % 0.0006	0.00 % 0.0006
55	0.08 % 0.0211	0.08 % 0.0213	0.09 % 0.0217	0.09 % 0.0218	0.09 % 0.0215
56	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002
57	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002
58	0.00 % 0.0005	0.00 % 0.0005	0.00 % 0.0006	0.00 % 0.0006	0.00 % 0.0006
59	0.00 % 0.0010	0.00 % 0.0010	0.00 % 0.0010	0.00 % 0.0010	0.00 % 0.0010
60	0.01 % 0.0015	0.01 % 0.0015	0.01 % 0.0015	0.01 % 0.0016	0.01 % 0.0015
61	0.02 % 0.0049	0.02 % 0.0049	0.02 % 0.0049	0.02 % 0.0051	0.02 % 0.0050
62	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002
63	0.02 % 0.0050	0.02 % 0.0058	0.02 % 0.0056	0.03 % 0.0063	0.03 % 0.0061

BIG BEND - 4 PSD - 1974 DER BASELINE

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL PARTICULATES

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 77	RECEPTOR 55	RECEPTOR 66	RECEPTOR 33	RECEPTOR 84
64	0.02 % 0.0054	0.02 % 0.0058	0.02 % 0.0056	0.03 % 0.0063	0.03 % 0.0061
65	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
66	0.05 % 0.0130	0.05 % 0.0126	0.05 % 0.0128	0.05 % 0.0130	0.05 % 0.0126
67	0.01 % 0.0020	0.01 % 0.0019	0.01 % 0.0019	0.01 % 0.0020	0.01 % 0.0019
68	0.01 % 0.0020	0.01 % 0.0019	0.01 % 0.0019	0.01 % 0.0020	0.01 % 0.0019
69	0.01 % 0.0020	0.01 % 0.0019	0.01 % 0.0019	0.01 % 0.0020	0.01 % 0.0019
70	0.01 % 0.0020	0.01 % 0.0019	0.01 % 0.0019	0.01 % 0.0020	0.01 % 0.0019
71	0.01 % 0.0020	0.01 % 0.0019	0.01 % 0.0019	0.01 % 0.0020	0.01 % 0.0019
72	0.01 % 0.0020	0.01 % 0.0019	0.01 % 0.0019	0.01 % 0.0020	0.01 % 0.0019
73	0.01 % 0.0020	0.01 % 0.0019	0.01 % 0.0019	0.01 % 0.0020	0.01 % 0.0019
74	0.01 % 0.0020	0.01 % 0.0019	0.01 % 0.0019	0.01 % 0.0020	0.01 % 0.0019
75	0.01 % 0.0020	0.01 % 0.0019	0.01 % 0.0019	0.01 % 0.0020	0.01 % 0.0019
76	0.01 % 0.0020	0.01 % 0.0019	0.01 % 0.0019	0.01 % 0.0020	0.01 % 0.0019
77	0.01 % 0.0020	0.01 % 0.0019	0.01 % 0.0019	0.01 % 0.0020	0.01 % 0.0019
78	0.01 % 0.0020	0.01 % 0.0019	0.01 % 0.0019	0.01 % 0.0020	0.01 % 0.0019
79	0.01 % 0.0020	0.01 % 0.0019	0.01 % 0.0019	0.01 % 0.0020	0.01 % 0.0019
80	0.01 % 0.0020	0.01 % 0.0019	0.01 % 0.0019	0.01 % 0.0020	0.01 % 0.0019
81	0.01 % 0.0020	0.01 % 0.0019	0.01 % 0.0019	0.01 % 0.0020	0.01 % 0.0019
82	0.01 % 0.0020	0.01 % 0.0019	0.01 % 0.0019	0.01 % 0.0020	0.01 % 0.0019
83	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0001
84	0.02 % 0.0050	0.02 % 0.0050	0.02 % 0.0054	0.02 % 0.0053	0.02 % 0.0053

BIG BEND - 4 PSD - 1974 DER BASELINE

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL PARTICULATES

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 77	RECEPTOR 55	RECEPTOR 66	RECEPTOR 33	RECEPTOR 44
85	0.02 % 0.0063	0.03 % 0.0066	0.02 % 0.0063	0.03 % 0.0070	0.03 % 0.0069
86	0.02 % 0.0040	0.02 % 0.0040	0.02 % 0.0040	0.02 % 0.0040	0.02 % 0.0040
87	0.05 % 0.0123	0.05 % 0.0123	0.05 % 0.0123	0.05 % 0.0122	0.05 % 0.0122
88	0.05 % 0.0123	0.05 % 0.0123	0.05 % 0.0123	0.05 % 0.0122	0.05 % 0.0122
89	0.19 % 0.0511	0.20 % 0.0510	0.20 % 0.0511	0.21 % 0.0506	0.21 % 0.0509
90	0.05 % 0.0107	0.06 % 0.0107	0.06 % 0.0107	0.06 % 0.06	0.06 % 0.0107
91	0.10 % 0.0277	0.11 % 0.0276	0.11 % 0.0277	0.11 % 0.0274	0.11 % 0.0275
92	0.00 % 0.0005	0.00 % 0.0005	0.00 % 0.0005	0.00 % 0.0005	0.00 % 0.0005
93	0.24 % 0.0605	0.22 % 0.0550	0.22 % 0.0552	0.21 % 0.0510	0.23 % 0.0552
94	0.29 % 0.0791	0.28 % 0.0719	0.28 % 0.0692	0.28 % 0.0672	0.30 % 0.0726
95	0.40 % 0.1093	0.44 % 0.1113	0.40 % 0.0990	0.43 % 0.1055	0.47 % 0.1133
96	0.34 % 0.0920	0.33 % 0.0849	0.32 % 0.0792	0.28 % 0.0674	0.32 % 0.0784
97	0.33 % 0.0904	0.37 % 0.0933	0.32 % 0.0808	0.32 % 0.0767	0.36 % 0.0878
98	0.13 % 0.0355	0.14 % 0.0363	0.13 % 0.0330	0.13 % 0.0325	0.15 % 0.0358
99	2.65 % 0.7190	2.62 % 0.6607	2.70 % 0.6766	2.68 % 0.6507	2.62 % 0.6346
100	2.46 % 0.6695	2.33 % 0.5915	2.40 % 0.6005	2.28 % 0.5534	2.27 % 0.5501
101	4.32 % 1.1743	4.06 % 1.0302	4.20 % 1.0522	3.95 % 0.9620	3.94 % 0.9562
102	3.07 % 0.8351	3.01 % 0.7646	3.01 % 0.7546	2.98 % 0.7243	2.96 % 0.7186
103	3.10 % 0.8427	3.07 % 0.7788	3.04 % 0.7622	3.04 % 0.7396	3.03 % 0.7338
104	2.94 % 0.7998	2.91 % 0.7376	2.88 % 0.7221	2.87 % 0.6990	2.86 % 0.6942
105	2.59 % 0.7030	2.55 % 0.6460	2.53 % 0.6343	2.51 % 0.6115	2.50 % 0.6073

BIG BEND - 4 PSD - 1974 DER BASELINE

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL PARTICULATES

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 77	RECEPTOR 55	RECEPTOR 66	RECEPTOR 33	RECEPTOR 88
106	2.08 % 0.5657	2.04 % 0.5122	1.95 % 0.0891	1.97 % 0.0795	2.01 % 0.0870
107	3.01 % 0.8181	3.01 % 0.7633	2.95 % 0.7395	2.98 % 0.7256	2.97 % 0.7206
108	3.64 % 0.9886	3.22 % 0.8168	3.48 % 0.8725	3.06 % 0.7482	3.07 % 0.7435
109	3.23 % 0.8778	3.26 % 0.8269	3.17 % 0.7942	3.24 % 0.7883	3.23 % 0.7829
110	3.97 % 1.0787	3.52 % 0.8925	3.80 % 0.9523	3.34 % 0.8135	3.35 % 0.8127
111	0.52 % 0.1426	0.52 % 0.1307	0.49 % 0.1232	0.50 % 0.1213	0.51 % 0.1233
112	0.95 % 0.2585	0.96 % 0.2438	0.90 % 0.2240	0.94 % 0.2292	0.96 % 0.2322
113	2.63 % 0.7145	2.59 % 0.6560	2.46 % 0.6159	2.50 % 0.6081	2.55 % 0.6186
114	0.95 % 0.2580	0.95 % 0.2398	0.89 % 0.2235	0.92 % 0.2240	0.94 % 0.2273
115	0.85 % 0.2309	0.87 % 0.2216	0.80 % 0.2010	0.86 % 0.2097	0.87 % 0.2121
116	2.18 % 0.5921	2.09 % 0.5303	2.03 % 0.5079	2.00 % 0.4865	2.05 % 0.4960
117	3.26 % 0.8854	3.04 % 0.7703	3.16 % 0.7916	2.95 % 0.7168	2.94 % 0.7130
118	3.14 % 0.8537	3.00 % 0.7610	3.06 % 0.7675	2.94 % 0.7145	2.93 % 0.7096
119	3.67 % 0.9975	3.55 % 0.9003	3.59 % 0.8999	3.49 % 0.8497	3.48 % 0.8429
120	3.91 % 1.0633	3.63 % 0.9206	3.79 % 0.9496	3.52 % 0.8550	3.51 % 0.8508
121	3.62 % 0.9836	3.53 % 0.8956	3.55 % 0.8895	3.49 % 0.8483	3.47 % 0.8408
122	3.77 % 1.0243	3.58 % 0.9083	3.67 % 0.9203	3.50 % 0.8517	3.49 % 0.8459
123	3.53 % 0.9599	3.69 % 0.9367	3.50 % 0.8775	3.72 % 0.9058	3.70 % 0.8965
124	0.69 % 0.1869	0.65 % 0.1651	0.64 % 0.1601	0.62 % 0.1505	0.63 % 0.1537
125	0.65 % 0.1763	0.61 % 0.1556	0.60 % 0.1510	0.58 % 0.1418	0.60 % 0.1468
126	1.00 % 0.2723	0.98 % 0.2484	0.98 % 0.2453	0.96 % 0.2346	0.96 % 0.2331

BIG BEND - 4 PSD - 1974 DER BASELINE

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL PARTICULATES

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 37	RECEPTOR 55	RECEPTOR 66	RECEPTOR 33	RECEPTOR 40
127	2.41 % 0.6540	2.28 % 0.5775	2.34 % 0.5856	2.22 % 0.5393	2.21 % 0.5366
128	2.58 % 0.7012	2.69 % 0.6835	2.55 % 0.6391	2.71 % 0.6597	2.70 % 0.6538
129	2.22 % 0.6039	2.22 % 0.5601	2.18 % 0.5462	2.21 % 0.5367	2.20 % 0.5329
130	1.59 % 0.0331	1.93 % 0.0809	2.26 % 0.5650	2.22 % 0.5596	2.23 % 0.5412
131	0.82 % 0.2231	0.82 % 0.2080	0.81 % 0.2019	0.8 % 0.1978	0.81 % 0.1960
132	2.14 % 0.5811	2.00 % 0.5075	2.07 % 0.5195	1.94 % 0.4720	1.94 % 0.4701
133	0.28 % 0.0756	0.25 % 0.0631	0.27 % 0.0669	0.24 % 0.0578	0.24 % 0.0577
134	0.19 % 0.0523	0.21 % 0.0520	0.19 % 0.0464	0.19 % 0.0468	0.21 % 0.0501
135	0.03 % 0.0079	0.03 % 0.0080	0.03 % 0.0070	0.03 % 0.0083	0.03 % 0.0083
136	0.02 % 0.0061	0.03 % 0.0060	0.02 % 0.0062	0.03 % 0.0065	0.03 % 0.0060
137	0.02 % 0.0061	0.03 % 0.0060	0.02 % 0.0062	0.03 % 0.0065	0.03 % 0.0060
138	0.07 % 0.0184	0.08 % 0.0192	0.08 % 0.0189	0.08 % 0.0195	0.08 % 0.0190
139	0.04 % 0.0110	0.04 % 0.0113	0.05 % 0.0117	0.05 % 0.0110	0.05 % 0.0112
140	0.16 % 0.0428	0.17 % 0.0437	0.17 % 0.0434	0.18 % 0.0439	0.18 % 0.0439
141	0.00 % 0.0005	0.00 % 0.0005	0.00 % 0.0005	0.00 % 0.0006	0.00 % 0.0006
142	0.00 % 0.0005	0.00 % 0.0005	0.00 % 0.0005	0.00 % 0.0006	0.00 % 0.0006
143	0.00 % 0.0005	0.00 % 0.0005	0.00 % 0.0005	0.00 % 0.0006	0.00 % 0.0006
144	0.01 % 0.0026	0.01 % 0.0030	0.01 % 0.0026	0.01 % 0.0030	0.01 % 0.0032
145	0.01 % 0.0026	0.01 % 0.0030	0.01 % 0.0026	0.01 % 0.0030	0.01 % 0.0032
146	0.01 % 0.0026	0.01 % 0.0030	0.01 % 0.0026	0.01 % 0.0030	0.01 % 0.0032
147	0.03 % 0.0078	0.04 % 0.0090	0.03 % 0.0081	0.05 % 0.0110	0.04 % 0.0100

BIG BEND - 4 PSD - 1974 DER BASELINE

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL PARTICULATES

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 77	RECEPTOR 55	RECEPTOR 66	RECEPTOR 33	RECEPTOR 44
148	0.03 % 0.0068	0.03 % 0.0079	0.03 % 0.0070	0.04 % 0.0089	0.04 % 0.0085
149	0.02 % 0.0045	0.02 % 0.0050	0.02 % 0.0046	0.02 % 0.0050	0.02 % 0.0052
150	0.05 % 0.0106	0.07 % 0.0170	0.06 % 0.0146	0.08 % 0.0202	0.08 % 0.0189
151	0.05 % 0.0106	0.07 % 0.0170	0.06 % 0.0146	0.08 % 0.0202	0.08 % 0.0189
152	0.11 % 0.0296	0.14 % 0.0350	0.12 % 0.0303	0.17 % 0.0410	0.16 % 0.0386
153	0.15 % 0.0410	0.19 % 0.0489	0.17 % 0.0424	0.24 % 0.0573	0.22 % 0.0540
154	0.04 % 0.0102	0.05 % 0.0125	0.04 % 0.0110	0.06 % 0.0143	0.06 % 0.0137
155	0.41 % 0.1123	0.53 % 0.1343	0.48 % 0.1195	0.62 % 0.1510	0.60 % 0.1450
156	0.01 % 0.0040	0.02 % 0.0043	0.02 % 0.0042	0.02 % 0.0049	0.02 % 0.0043
157	0.09 % 0.0204	0.10 % 0.0261	0.10 % 0.0256	0.11 % 0.0269	0.11 % 0.0263
158	0.06 % 0.0163	0.07 % 0.0179	0.07 % 0.0175	0.08 % 0.0180	0.07 % 0.0179
159	0.03 % 0.0078	0.03 % 0.0083	0.03 % 0.0081	0.04 % 0.0086	0.03 % 0.0084
160	0.27 % 0.0703	0.31 % 0.0795	0.31 % 0.0777	0.34 % 0.0819	0.33 % 0.0798
161	0.04 % 0.0104	0.04 % 0.0111	0.04 % 0.0108	0.05 % 0.0118	0.05 % 0.0111
162	0.06 % 0.0152	0.06 % 0.0141	0.06 % 0.0148	0.05 % 0.0122	0.05 % 0.0132
163	0.12 % 0.0317	0.11 % 0.0291	0.12 % 0.0307	0.11 % 0.0261	0.11 % 0.0268
164	0.10 % 0.0215	0.10 % 0.0259	0.11 % 0.0270	0.09 % 0.0227	0.10 % 0.0248
165	0.05 % 0.0140	0.05 % 0.0129	0.05 % 0.0136	0.04 % 0.0108	0.05 % 0.0119
166	0.16 % 0.0439	0.25 % 0.0620	0.22 % 0.0549	0.26 % 0.0640	0.27 % 0.0662
167	0.21 % 0.0579	0.30 % 0.0755	0.27 % 0.0688	0.33 % 0.0790	0.32 % 0.0782
168	0.50 % 0.1352	0.70 % 0.1766	0.64 % 0.1608	0.76 % 0.1857	0.75 % 0.1830

BIG BEND - 4 PSD - 1974 DER BASELINE

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL PARTICULATES

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 77	RECEPTOR 55	RECEPTOR 66	RECEPTOR 33	RECEPTOR 44
169	0.01 % 0.0025	0.01 % 0.0025	0.01 % 0.0024	0.01 % 0.0026	0.01 % 0.0026
170	0.15 % 0.0405	0.16 % 0.0405	0.16 % 0.0395	0.18 % 0.0433	0.18 % 0.0425
171	0.11 % 0.0309	0.12 % 0.0310	0.12 % 0.0302	0.14 % 0.0331	0.13 % 0.0320
172	0.06 % 0.0171	0.07 % 0.0170	0.07 % 0.0160	0.08 % 0.0183	0.07 % 0.0179
173	0.11 % 0.0309	0.12 % 0.0309	0.12 % 0.0301	0.14 % 0.0330	0.13 % 0.0328
174	0.20 % 0.0505	0.26 % 0.0647	0.25 % 0.0635	0.23 % 0.0548	0.24 % 0.0592
175	0.14 % 0.0329	0.17 % 0.0436	0.16 % 0.0406	0.21 % 0.0507	0.19 % 0.0469
176	0.25 % 0.0670	0.31 % 0.0780	0.29 % 0.0726	0.37 % 0.0910	0.35 % 0.0800
177	0.19 % 0.0508	0.23 % 0.0586	0.22 % 0.0595	0.28 % 0.0684	0.26 % 0.0632
178	0.10 % 0.0220	0.12 % 0.0310	0.12 % 0.0289	0.15 % 0.0362	0.14 % 0.0338
179	0.22 % 0.0606	0.27 % 0.0696	0.26 % 0.0648	0.33 % 0.0813	0.31 % 0.0751
180	0.25 % 0.0670	0.31 % 0.0775	0.29 % 0.0722	0.37 % 0.0908	0.34 % 0.0835
181	0.01 % 0.0027	0.01 % 0.0031	0.01 % 0.0029	0.01 % 0.0036	0.01 % 0.0033
182	0.11 % 0.0298	0.11 % 0.0272	0.12 % 0.0290	0.09 % 0.0227	0.10 % 0.0243
183	0.02 % 0.0060	0.02 % 0.0058	0.02 % 0.0062	0.02 % 0.0008	0.02 % 0.0051
184	0.02 % 0.0050	0.02 % 0.0045	0.02 % 0.0048	0.02 % 0.0038	0.02 % 0.0040
185	0.00 % 0.0009	0.00 % 0.0009	0.00 % 0.0009	0.00 % 0.0009	0.00 % 0.0009
186	0.26 % 0.0710	0.35 % 0.0888	0.31 % 0.0760	0.40 % 0.0975	0.39 % 0.0950
187	0.00 % 0.0000	0.00 % 0.0005	0.00 % 0.0005	0.00 % 0.0005	0.00 % 0.0005
188	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
189	0.00 % 0.0003	0.00 % 0.0003	0.00 % 0.0003	0.00 % 0.0003	0.00 % 0.0003

BIG BEND - 4 PSD - 1974 DER BASELINE

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL PARTICULATES

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 77	RECEPTOR 55	RECEPTOR 66	RECEPTOR 33	RECEPTOR 40
190	0.21 % 0.0567	0.28 % 0.0715	0.24 % 0.0612	0.35 % 0.0858	0.33 % 0.0798
191	0.12 % 0.0331	0.16 % 0.0404	0.14 % 0.0355	0.19 % 0.0464	0.18 % 0.0441
192	0.05 % 0.0140	0.07 % 0.0173	0.06 % 0.0153	0.08 % 0.0197	0.08 % 0.0188
193	0.09 % 0.0244	0.11 % 0.0290	0.10 % 0.0259	0.13 % 0.0326	0.13 % 0.0312
194	0.22 % 0.0611	0.25 % 0.0646	0.25 % 0.0617	0.28 % 0.0675	0.28 % 0.0673
195	0.22 % 0.0605	0.25 % 0.0639	0.24 % 0.0611	0.27 % 0.0648	0.27 % 0.0666
196	0.15 % 0.0405	0.16 % 0.0409	0.16 % 0.0396	0.18 % 0.0449	0.18 % 0.0433
197	0.15 % 0.0409	0.19 % 0.0488	0.18 % 0.0454	0.20 % 0.0495	0.21 % 0.0520
198	0.13 % 0.0354	0.17 % 0.0420	0.16 % 0.0392	0.18 % 0.0430	0.19 % 0.0450
199	0.18 % 0.0501	0.24 % 0.0600	0.22 % 0.0558	0.25 % 0.0613	0.27 % 0.0683
200	0.15 % 0.0400	0.18 % 0.0465	0.17 % 0.0436	0.20 % 0.0479	0.21 % 0.0497
201	0.15 % 0.0405	0.18 % 0.0465	0.18 % 0.0439	0.20 % 0.0480	0.20 % 0.0490
202	0.12 % 0.0316	0.15 % 0.0386	0.14 % 0.0353	0.17 % 0.0420	0.17 % 0.0420
203	0.01 % 0.0031	0.01 % 0.0032	0.01 % 0.0031	0.02 % 0.0038	0.01 % 0.0038
204	0.50 % 0.1322	0.60 % 0.1520	0.58 % 0.1469	0.64 % 0.1596	0.63 % 0.1535
205	0.42 % 0.1103	0.50 % 0.1267	0.49 % 0.1220	0.53 % 0.1288	0.53 % 0.1279
206	0.38 % 0.1002	0.46 % 0.1155	0.44 % 0.1112	0.48 % 0.1175	0.48 % 0.1166
207	0.02 % 0.0051	0.02 % 0.0050	0.02 % 0.0052	0.02 % 0.0055	0.02 % 0.0050
208	0.01 % 0.0035	0.01 % 0.0037	0.01 % 0.0036	0.02 % 0.0038	0.02 % 0.0038
209	0.01 % 0.0020	0.01 % 0.0021	0.01 % 0.0020	0.01 % 0.0021	0.01 % 0.0021
210	0.00 % 0.0003	0.00 % 0.0003	0.00 % 0.0003	0.00 % 0.0003	0.00 % 0.0003

BIG BEND - 4 PSD - 1974 DER BASELINE

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL PARTICULATES

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 77	RECEPTOR 55	RECEPTOR 66	RECEPTOR 33	RECEPTOR 84
211	0.01 % 0.0030	0.01 % 0.0031	0.01 % 0.0031	0.01 % 0.0032	0.01 % 0.0031
212	0.01 % 0.0031	0.01 % 0.0032	0.01 % 0.0032	0.01 % 0.0032	0.01 % 0.0032
213	0.01 % 0.0030	0.01 % 0.0033	0.01 % 0.0031	0.02 % 0.0043	0.01 % 0.0036
214	0.01 % 0.0030	0.01 % 0.0033	0.01 % 0.0031	0.02 % 0.0043	0.01 % 0.0036
215	0.01 % 0.0030	0.01 % 0.0033	0.01 % 0.0031	0.02 % 0.0043	0.01 % 0.0036
216	0.08 % 0.0217	0.09 % 0.0230	0.09 % 0.0224	0.09 % 0.0211	0.09 % 0.0227
217	0.10 % 0.0275	0.12 % 0.0292	0.11 % 0.0284	0.11 % 0.0268	0.12 % 0.0288
218	0.00 % 0.0005	0.00 % 0.0005	0.00 % 0.0005	0.00 % 0.0005	0.00 % 0.0005
219	0.24 % 0.0647	0.26 % 0.0648	0.27 % 0.0666	0.23 % 0.0546	0.24 % 0.0578
220	0.03 % 0.0060	0.03 % 0.0070	0.03 % 0.0070	0.03 % 0.0060	0.03 % 0.0065
221	0.04 % 0.0096	0.04 % 0.0093	0.04 % 0.0095	0.03 % 0.0082	0.04 % 0.0088
222	0.18 % 0.0487	0.20 % 0.0510	0.19 % 0.0480	0.26 % 0.0630	0.24 % 0.0582
223	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
224	0.00 % 0.0009	0.00 % 0.0009	0.00 % 0.0009	0.00 % 0.0009	0.00 % 0.0009
225	0.04 % 0.0097	0.04 % 0.0097	0.04 % 0.0097	0.04 % 0.0096	0.04 % 0.0097
226	0.05 % 0.0104	0.06 % 0.0147	0.06 % 0.0145	0.06 % 0.0146	0.06 % 0.0148
227	0.06 % 0.0162	0.07 % 0.0171	0.07 % 0.0169	0.07 % 0.0172	0.07 % 0.0174
228	0.12 % 0.0313	0.12 % 0.0303	0.12 % 0.0308	0.12 % 0.0293	0.12 % 0.0298
229	0.01 % 0.0020	0.01 % 0.0023	0.01 % 0.0024	0.01 % 0.0023	0.01 % 0.0023
230	0.20 % 0.0536	0.20 % 0.0520	0.21 % 0.0528	0.21 % 0.0503	0.21 % 0.0511
231	0.10 % 0.0280	0.11 % 0.0276	0.11 % 0.0280	0.11 % 0.0267	0.11 % 0.0271

BIG BEND - 4 PSD - 1974 DER BASELINE

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL PARTICULATES

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 37	RECEPTOR 55	RECEPTOR 66	RECEPTOR 33	RECEPTOR 44
232	0.05 % 0.0132	0.05 % 0.0125	0.05 % 0.0124	0.05 % 0.0118	0.05 % 0.0121
233	0.01 % 0.0026	0.01 % 0.0026	0.01 % 0.0026	0.01 % 0.0025	0.01 % 0.0025
234	0.04 % 0.0099	0.04 % 0.0096	0.04 % 0.0099	0.04 % 0.0105	0.04 % 0.0101
235	0.01 % 0.0032	0.01 % 0.0034	0.01 % 0.0034	0.01 % 0.0035	0.01 % 0.0035
236	0.00 % 0.0008	0.00 % 0.0010	0.00 % 0.0009	0.00 % 0.0010	0.00 % 0.0010
237	0.00 % 0.0007	0.00 % 0.0009	0.00 % 0.0008	0.00 % 0.0010	0.00 % 0.0010
238	0.02 % 0.0049	0.02 % 0.0053	0.02 % 0.0047	0.03 % 0.0063	0.02 % 0.0059
239	0.02 % 0.0049	0.02 % 0.0053	0.02 % 0.0047	0.03 % 0.0063	0.02 % 0.0059
240	0.01 % 0.0020	0.01 % 0.0024	0.01 % 0.0022	0.01 % 0.0027	0.01 % 0.0026
241	0.01 % 0.0020	0.01 % 0.0024	0.01 % 0.0022	0.01 % 0.0027	0.01 % 0.0026
242	0.01 % 0.0015	0.01 % 0.0015	0.01 % 0.0015	0.01 % 0.0015	0.01 % 0.0015
243	0.02 % 0.0043	0.02 % 0.0042	0.02 % 0.0043	0.02 % 0.0045	0.02 % 0.0043
244	0.13 % 0.0341	0.14 % 0.0363	0.13 % 0.0335	0.18 % 0.0443	0.17 % 0.0412
245	0.00 % 0.0003	0.00 % 0.0003	0.00 % 0.0003	0.00 % 0.0003	0.00 % 0.0003
246	0.00 % 0.0005	0.00 % 0.0005	0.00 % 0.0005	0.00 % 0.0005	0.00 % 0.0005
247	0.01 % 0.0020	0.01 % 0.0028	0.01 % 0.0028	0.01 % 0.0027	0.01 % 0.0028
248	0.05 % 0.0146	0.06 % 0.0149	0.06 % 0.0149	0.06 % 0.0145	0.06 % 0.0148
249	0.03 % 0.0081	0.03 % 0.0077	0.03 % 0.0078	0.03 % 0.0070	0.03 % 0.0075
250	0.03 % 0.0081	0.03 % 0.0077	0.03 % 0.0078	0.03 % 0.0070	0.03 % 0.0075
251	0.40 % 0.1092	0.42 % 0.1063	0.43 % 0.1067	0.41 % 0.0985	0.43 % 0.1006
252	0.40 % 0.1093	0.42 % 0.1064	0.43 % 0.1068	0.41 % 0.0986	0.43 % 0.1006

BIG BEND - 4 PSD - 1974 DER BASELINE

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL PARTICULATES

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 77	RECEPTOR 55	RECEPTOR 66	RECEPTOR 33	RECEPTOR 44
253	0.11 % 0.0286	0.14 % 0.0347	0.13 % 0.0318	0.16 % 0.0379	0.15 % 0.0367
254	0.01 % 0.0021	0.01 % 0.0025	0.01 % 0.0023	0.01 % 0.0027	0.01 % 0.0026
255	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002
256	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
257	0.04 % 0.0107	0.04 % 0.0106	0.04 % 0.0108	0.04 % 0.0090	0.04 % 0.0101
258	0.04 % 0.0107	0.04 % 0.0106	0.04 % 0.0108	0.04 % 0.0090	0.04 % 0.0101
259	0.04 % 0.0107	0.04 % 0.0105	0.04 % 0.0107	0.04 % 0.0090	0.04 % 0.0101
260	0.02 % 0.0049	0.02 % 0.0047	0.02 % 0.0049	0.02 % 0.0040	0.02 % 0.0045
261	0.03 % 0.0079	0.03 % 0.0079	0.03 % 0.0079	0.03 % 0.0077	0.03 % 0.0078
262	0.06 % 0.0176	0.07 % 0.0178	0.07 % 0.0175	0.07 % 0.0176	0.07 % 0.0178
263	0.01 % 0.0030	0.01 % 0.0032	0.01 % 0.0033	0.01 % 0.0030	0.01 % 0.0030
264	0.01 % 0.0025	0.01 % 0.0025	0.01 % 0.0025	0.01 % 0.0024	0.01 % 0.0025
265	0.01 % 0.0025	0.01 % 0.0025	0.01 % 0.0025	0.01 % 0.0024	0.01 % 0.0025
266	0.03 % 0.0094	0.04 % 0.0093	0.04 % 0.0091	0.04 % 0.0091	0.04 % 0.0092
267	0.03 % 0.0090	0.04 % 0.0093	0.04 % 0.0091	0.04 % 0.0091	0.04 % 0.0092
268	0.03 % 0.0084	0.04 % 0.0090	0.03 % 0.0087	0.04 % 0.0090	0.04 % 0.0089
269	0.13 % 0.0352	0.15 % 0.0386	0.15 % 0.0369	0.15 % 0.0376	0.16 % 0.0379
270	0.01 % 0.0018	0.01 % 0.0023	0.01 % 0.0020	0.01 % 0.0030	0.01 % 0.0026
271	0.17 % 0.0464	0.18 % 0.0469	0.20 % 0.0491	0.19 % 0.0461	0.19 % 0.0467
BACK-GROUND	0.0 % 0	0.0 % 0	0.0 % 0	0.0 % 0	0.0 % 0
TOTAL	100.1 % 27.2130	100.2 % 25.4057	100.2 % 25.0970	100.2 % 24.3641	100.2 % 24.2816

FDER PROJECTED

PROJECTED ALL SOURCES - SO2 & TSP

SOURCE DATA

SOURCE NUMBER	SOURCE LOCATION (KILOMETERS) HORIZONTAL	VERTICAL	SOURCE AREA SQUARE KILOMETERS	ANNUAL SOURCE EMISSION RATE (TONS/DAY) SO2	PART	STACK DATA HT (M)	DIAM (M)	VEL (M/SEC)	TEMP (DEG.K)	
1	340.6	3057.9	0.0	0.019	0.003	9.1	0.2	11.1	464.	BELCHER 1-01
2	340.6	3057.3	0.0	0.049	0.003	9.1	0.2	11.1	464.	1-02
3	348.5	3057.3	0.0	0.019	0.307	61.0	2.4	10.3	337.	BORDEN 2-01
4	348.5	3057.3	0.0	0.011	0.0	61.3	2.4	10.4	333.	2-02
5	348.5	3057.3	0.0	0.0	0.189	38.1	0.6	19.3	295.	2-04
6	348.5	3057.3	0.0	0.0	0.329	10.7	1.1	22.3	300.	2-05
7	348.5	3057.3	0.0	0.148	0.175	61.0	2.1	20.5	311.	2-06
8	348.5	3057.3	0.0	0.148	0.148	61.0	2.1	20.5	311.	2-07
9	348.5	3057.3	0.0	0.0	0.019	22.9	0.3	10.7	303.	2-08
10	348.5	3057.3	0.0	0.0	0.238	37.5	0.8	21.0	317.	2-09
11	348.5	3057.3	0.0	0.0	0.071	9.8	1.0	23.8	305.	2-10
12	348.5	3057.3	0.0	0.071	0.079	12.5	1.4	10.0	299.	2-11
13	347.5	3037.6	0.0	0.0	0.132	8.8	0.6	54.0	353.	GEN ASPHALT 3-01
14	346.0	3057.0	0.0	0.0	0.112	5.8	1.7	5.8	297.	MAN.TERMINAL 4-1
15	340.8	3041.1	0.0	0.0	0.307	29.0	0.9	20.0	333.	TROPICANA 7-1
16	340.8	3041.1	0.0	0.0	0.310	29.0	0.9	20.0	333.	7-2
17	340.8	3041.1	0.0	0.0	0.041	12.8	1.2	0.3	589.	TROPICANA 7-04
18	340.8	3041.1	0.0	0.0	0.019	10.7	0.9	0.5	422.	7-6
19	340.8	3041.1	0.0	0.0	0.038	10.7	1.2	0.5	422.	7-7
20	340.8	3041.1	0.0	0.0	0.011	9.1	0.9	0.4	422.	7-8
21	340.8	3041.1	0.0	0.0	0.003	9.1	0.5	0.0	422.	7-9
22	340.8	3041.1	0.0	0.0	0.192	21.6	1.9	11.9	563.	7-12
23	340.6	3097.9	0.0	0.0	0.030	2.4	0.8	27.3	297.	VAN PLY INC 8-01
24	348.2	3050.5	0.0	0.0	0.063	15.2	1.2	30.3	294.	MAN METALS 13-01
25	340.1	3057.6	0.0	0.132	0.129	10.7	0.9	0.8	316.	WS DICKEY 14-01
26	343.7	3037.0	0.0	0.0	0.003	9.8	0.5	4.9	922.	COLONIALST 15-01
27	348.0	3051.5	0.0	0.0	0.049	2.7	1.9	6.1	311.	DEPENDABLE 17-01
28	345.5	3041.8	0.0	0.0	0.134	9.1	0.7	0.7	297.	AQUATITE 20-01
29	347.0	3058.0	0.0	0.156	0.074	12.2	2.0	5.6	338.	SURFACING 21-01
30	362.0	3055.1	0.0	181.266	16.488	152.0	7.9	13.0	427.	FP&L MAN #182
31	344.8	3044.8	0.0	0.0	0.006	9.1	4.8	0.0	298.	RINKERMAT
32	344.8	3044.8	0.0	0.0	0.118	18.9	1.5	0.0	298.	RINKER MAT
33	340.8	3041.1	0.0	0.0	0.187	26.5	1.0	22.3	333.	7-13 TROPICANA
34	340.8	3040.9	0.0	0.0	0.247	31.4	1.9	2.9	478.	7-14 TROPICANA
35	342.0	3044.1	0.0	0.307	0.0	16.8	1.2	12.9	350.	26-1 NORD SOUTHE
36	340.4	3057.4	0.0	0.0	0.428	7.6	0.1	10.3	305.	28-1 DOLIME MINE
37	340.4	3057.4	0.0	0.369	0.0	6.1	0.9	5.0	303.	28-2 DOLIME MINE
38	338.3	3033.9	0.0	0.009	0.0	7.6	0.4	2.7	478.	30-5 CUTLER-HAMM
39	347.0	3038.0	0.0	0.0	0.005	1.8	2.9	18.3	298.	31-1 MILLER TRAI
40	340.6	3057.7	0.0	0.548	0.048	30.5	0.9	6.5	561.	MANENERGY
41	340.6	3057.7	0.0	0.120	0.011	19.5	0.6	8.1	561.	MANENERGY
42	387.5	3042.3	0.0	0.018	0.005	7.6	0.0	5.5	478.	BEKER PHOSP
43	327.2	3116.6	0.0	0.0	0.022	12.8	0.5	36.5	298.	CONCSERV1-1
44	327.2	3116.6	0.0	0.0	0.022	12.8	0.5	36.5	298.	CONCSERV1-2
45	333.8	3086.1	0.0	0.0	0.137	12.5	1.8	11.6	333.	GOLDTRI 4-1
46	325.6	3086.7	0.0	0.0	0.173	6.1	2.7	1.1	328.	COBBCONS5-1
47	340.0	3077.8	0.0	0.0	0.003	8.2	0.6	5.4	519.	FARMBEST7-1
48	342.4	3082.8	0.0	52.108	2.077	91.4	2.7	28.0	422.	FPCBART111-1
49	342.4	3082.8	0.0	38.577	1.403	91.4	2.7	28.0	422.	FPCBART211-2
50	342.4	3082.8	0.0	66.666	2.424	91.4	3.4	33.5	422.	FPCBART311-3
51	342.4	3082.8	0.0	14.668	0.085	13.7	5.3	61.0	839.	FPCBART411-4
	336.5	3098.2	0.0	18.325	0.666	53.0	3.8	20.7	422.	FPCHIG 112-1

53	330.5	3098.2	0.0	18.325	0.066	53.0	3.8	20.7	422.		FPCHIG 212-2
54	330.5	3098.2	0.0	19.240	0.700	53.0	3.8	20.7	422.		FPCHIG 312-3
55	330.5	3098.2	0.0	0.0	0.175	16.6	4.6	61.0	728.		FPCHTI-412-4-7
56	330.0	3074.7	0.0	0.0	0.022	12.8	0.5	36.5	298.		CONCSERV27-2
57	327.4	3096.2	0.0	0.0	0.104	12.8	0.5	36.5	298.		CONCSERV28-1
58	372.4	3096.2	0.0	0.0	0.022	12.8	0.5	36.5	298.		CONCSERV28-2
59	325.6	3116.7	0.0	0.0	0.288	24.4	1.8	11.0	320.		STAUFFER42-3
60	325.6	3116.7	0.0	0.0	0.345	26.1	1.2	10.6	336.		STAUFFER42-4
61	325.6	3116.7	0.0	0.0	0.479	29.4	0.5	25.0	316.		STAUFFER42-6
62	325.6	3116.7	0.0	0.0	0.060	18.9	0.5	9.7	298.		STAUFFER42-7
63	325.6	3116.7	0.0	0.312	0.011	6.1	0.6	0.9	511.		STAUFFER42-9
64	325.6	3116.7	0.0	0.0	0.310	9.1	0.8	18.9	325.		STAUFFER42-11
65	325.6	3116.7	0.0	0.014	0.252	6.4	0.9	12.6	314.		STAUFFER42-12
66	324.0	3116.7	0.0	0.0	0.112	9.1	1.2	15.2	333.		SUNCOAST44-1
67	329.0	3086.0	0.0	0.0	0.164	9.1	0.5	9.0	644.		TELOPHAS47-1
68	324.3	3100.7	0.0	0.0	0.304	30.5	0.9	12.9	400.		HOODBRO854-1
69	324.3	3100.7	0.0	0.0	0.090	6.1	0.6	10.5	311.		HOODBRO854-3
70	324.3	3100.7	0.0	0.742	0.090	45.7	2.3	4.7	560.		HOODBRO854-485
71	332.4	3087.9	0.0	0.0	0.137	19.5	0.9	10.1	321.		LARGO 60-1
72	329.7	3082.1	0.0	0.0	0.008	9.8	0.5	13.7	1306.		ARCFIRON61-1
73	338.8	3071.3	0.0	14.211	0.189	13.4	3.4	61.0	728.		FPC BAYB 3-6
74	332.5	3088.5	0.0	0.0	0.029	13.7	0.1	29.8	298.		108-1 MAROLF INC
75	332.1	3096.1	0.0	0.0	0.006	9.8	1.0	4.2	561.		68-1 GULF MACH
76	325.0	3078.0	0.0	0.0	0.015	38.1	1.5	2.9	450.		71-1 VA ADMIN
77	326.2	3086.9	0.0	0.0	0.099	9.1	1.8	7.4	341.		26-1 AT MOOREFL
78	328.0	3116.5	0.0	0.0	0.003	5.5	0.3	28.2	305.		SANITARY D
79	325.6	3116.7	0.0	0.0	0.040	15.2	0.5	18.6	298.		STAUFFER
80	325.6	3116.7	0.0	0.0	0.052	15.2	0.8	22.2	298.		STAUFFER
81	383.5	3135.8	0.0	0.038	0.003	12.2	0.5	10.1	672.		01-01 EVANS PACK
82	383.5	3139.2	0.0	0.0	0.381	22.9	0.8	3.3	328.		02-02 LYKES-PASC
83	383.5	3139.2	0.0	0.416	0.293	9.1	2.7	3.3	372.		02-03
84	383.5	3139.2	0.0	2.715	0.200	16.2	1.2	0.7	450.		02-05
85	383.5	3139.2	0.0	0.833	0.060	16.2	1.3	0.3	450.		02-06
86	383.5	3139.2	0.0	3.718	0.271	17.1	1.8	0.5	478.		02-07
87	383.5	3139.2	0.0	0.007	0.003	0.9	0.4	9.2	533.		02-08
88	383.5	3139.2	0.0	0.047	0.003	3.4	0.4	10.7	533.		02-09
89	383.5	3139.2	0.0	0.0	0.041	12.2	0.8	1.5	347.		02-10
90	383.5	3139.2	0.0	0.0	0.041	12.2	0.8	1.5	347.		02-11
91	383.5	3139.2	0.0	0.0	0.041	12.2	0.8	1.5	347.		02-12
92	383.5	3139.2	0.0	0.0	0.041	12.2	0.8	1.5	347.		02-13
93	383.5	3139.2	0.0	0.0	0.041	12.2	0.8	1.5	347.		02-14
94	383.5	3139.2	0.0	0.0	0.041	12.2	0.8	1.5	347.		02-15
95	383.5	3139.2	0.0	0.0	0.041	12.2	0.8	1.5	347.		02-16
96	383.5	3139.2	0.0	0.0	0.041	12.2	0.8	1.5	347.		02-17
97	383.5	3139.2	0.0	0.0	0.041	12.2	0.8	1.5	347.		02-18
98	383.5	3139.2	0.0	0.0	0.041	12.2	0.8	1.5	347.		02-19
99	383.5	3139.2	0.0	0.0	0.041	12.2	0.8	1.5	347.		02-20
100	383.5	3139.2	0.0	0.0	0.041	12.2	0.8	1.5	347.		02-21
101	383.5	3139.2	0.0	0.0	0.041	12.2	0.8	1.5	347.		02-22
102	383.5	3139.2	0.0	0.0	0.041	12.2	0.8	1.5	347.		02-23
103	383.5	3139.2	0.0	0.0	0.041	12.2	0.8	1.5	347.		02-24
104	383.5	3139.2	0.0	0.0	0.041	12.2	0.8	1.5	347.		02-25
105	324.4	3118.7	0.0	68.952	6.268	152.8	7.3	32.9	422.		17-1 FPCANCLOTE
106	343.7	3118.5	0.0	0.002	0.0	6.1	0.5	4.3	533.		20-1 NATION PAPA
107	334.2	3141.9	0.0	0.0	0.141	18.3	0.1	29.8	298.		23-1 PINELLAS CO
108	334.2	3141.9	0.0	0.0	0.141	18.3	0.1	29.8	298.		23-2 PINELLAS CO
109	337.3	3141.1	0.0	0.0	0.110	21.3	0.1	29.8	299.		8-2 FLA MINING
110	337.3	3141.1	0.0	0.0	0.110	21.3	0.1	29.8	299.		8-1 FLA MINING
111	383.3	3135.8	0.0	0.298	0.129	25.9	1.0	17.3	306.		EVANS PACK
112	383.3	3135.8	0.0	0.0	0.149	25.9	1.0	17.3	306.		EVANS PACK

113	385.3	3135.8	0.0	0.798	0.134	25.9	1.0	17.3	346.	EVANS PACK
114	334.2	3138.5	0.0	0.0	0.094	17.4	0.1	29.8	298.	CEMEN PROD
115	372.3	3135.6	0.0	0.0	0.012	10.1	0.3	14.2	500.	BLUMMEL
116	385.3	3148.6	0.0	0.0	0.063	18.3	0.1	29.8	298.	INTERSPACE
117	383.1	3140.1	0.0	0.0	0.004	18.3	0.1	29.3	298.	24-2 EKELL INDUS
118	383.1	3140.1	0.0	0.0	0.004	18.3	0.1	23.3	298.	24-1 EKELL INDUS
119	324.4	3118.7	0.0	68.952	6.268	152.4	7.5	32.9	422.	17-2 EPC ANCILOTE
120	359.9	3102.6	0.0	0.0	0.055	6.7	0.3	0.8	305.	PLT ID-1 PT ID-1
121	368.6	3094.0	0.0	0.0	0.016	8.2	0.9	20.6	300.	PLT ID-2 PT ID-1
122	388.3	3115.7	0.0	0.030	0.003	7.3	1.5	3.4	567.	PLT ID-5 PT ID-1
123	388.3	3115.7	0.0	3.049	0.115	23.8	1.5	16.6	306.	PLT ID-5 PT ID-2
124	388.3	3115.7	0.0	3.049	0.115	23.8	1.5	16.6	306.	PLT ID-5 PT ID-3
125	388.3	3115.7	0.0	0.0	0.433	21.3	0.9	8.3	327.	PLT ID-5 PT ID-4
126	388.3	3115.7	0.0	6.107	0.230	60.4	2.4	9.7	343.	PLT ID-5 PT ID-7
127	388.3	3115.7	0.0	6.107	0.230	60.4	2.4	9.7	343.	PLT ID-5 PT ID-8
128	388.3	3115.7	0.0	0.0	0.466	36.3	1.2	3.6	307.	PLT ID-5 PT ID-9
129	388.0	3115.6	0.0	0.152	0.384	28.7	3.1	7.3	332.	PLT ID-5 PT ID10
130	388.0	3115.6	0.0	0.019	0.321	54.9	2.8	11.4	329.	PLT ID-5 PT ID11
131	388.3	3115.7	0.0	0.038	0.298	54.9	2.8	9.1	311.	PLT ID-5 PT ID12
132	388.3	3115.7	0.0	0.027	0.290	54.9	2.8	9.2	311.	PLT ID-5 PT ID13
133	388.3	3115.7	0.0	0.0	0.268	31.1	1.6	16.0	310.	PLT ID-5 PT ID14
134	362.0	3103.2	0.0	0.014	0.003	27.4	1.8	3.4	428.	PLT ID-6 PT ID-1
135	362.9	3082.5	0.0	1.455	0.055	45.7	2.3	9.1	347.	PLT ID-8 PT ID-4
136	362.9	3082.5	0.0	3.104	0.118	45.7	2.4	8.2	345.	PLT ID-8 PT ID-5
137	362.9	3082.5	0.0	3.304	0.123	45.7	2.7	12.4	346.	PLT ID-8 PT ID-6
138	362.9	3082.9	0.0	0.416	0.271	38.4	2.4	10.8	327.	PLT ID-8 PT ID-7
139	362.9	3082.9	0.0	0.0	0.208	26.5	0.3	10.2	339.	PLT ID-8 PT ID-8
140	362.9	3082.5	0.0	0.0	0.345	28.3	0.3	12.8	309.	PLT ID-8 PT ID-9
141	362.9	3082.5	0.0	0.003	0.323	29.0	0.6	29.1	300.	PLT ID-8 PT ID10
142	362.9	3082.5	0.0	0.0	0.299	21.3	0.5	13.5	336.	PLT ID-8 PT ID12
143	362.9	3082.5	0.0	0.003	0.345	21.6	0.5	21.6	337.	PLT ID-8 PT ID13
144	362.9	3082.5	0.0	0.0	0.411	33.5	1.2	12.3	305.	PLT ID-8 PT ID14
145	362.9	3082.5	0.0	0.0	0.370	1.5	0.3	4.3	314.	PLT ID-8 PT ID16
146	362.9	3082.5	0.0	0.0	0.403	18.0	1.5	10.2	306.	PLT ID-8 PT ID17
147	362.9	3082.5	0.0	0.0	0.395	1.5	0.5	0.0	317.	PLT ID-8 PT ID18
148	362.9	3082.5	0.0	0.005	0.219	27.4	1.2	17.4	334.	PLT ID-8 PT ID19
149	362.9	3082.5	0.0	0.005	0.225	27.4	1.1	18.8	333.	PLT ID-8 PT ID20
150	362.9	3082.5	0.0	0.003	0.219	27.0	1.1	20.2	337.	PLT ID-8 PT ID22
151	362.9	3082.5	0.0	0.003	0.205	27.4	1.1	22.4	336.	PLT ID-8 PT ID23
152	362.9	3082.5	0.0	0.0	0.340	16.8	1.3	21.8	327.	PLT ID-8 PT ID24
153	362.9	3082.5	0.0	0.0	0.419	25.9	0.3	25.3	312.	PLT ID-8 PT ID25
154	362.9	3082.5	0.0	0.0	0.419	29.3	0.3	16.6	314.	PLT ID-8 PT ID26
155	362.9	3082.5	0.0	0.0	0.403	32.9	0.4	6.6	326.	PLT ID-8 PT ID27
156	362.9	3082.5	0.0	0.0	0.003	25.0	0.0	0.0	309.	PLT ID-8 PT ID28
157	362.9	3082.5	0.0	0.0	0.403	35.1	0.4	6.9	321.	PLT ID-8 PT ID29
158	362.9	3082.5	0.0	0.0	0.403	29.3	0.4	6.4	329.	PLT ID-8 PT ID30
159	362.9	3082.5	0.0	0.0	0.003	28.3	1.2	8.0	327.	PLT ID-8 PT ID31
160	362.9	3082.5	0.0	0.164	0.063	23.8	1.8	5.5	350.	PLT ID-8 PT ID32
161	362.9	3082.5	0.0	0.003	0.386	20.1	0.6	14.9	336.	PLT ID-8 PT ID34
162	362.9	3082.5	0.0	0.0	0.126	19.8	1.2	15.0	300.	PLT ID-8 PT ID35
163	362.9	3082.5	0.0	0.0	0.132	20.1	1.1	12.4	306.	PLT ID-8 PT ID37
164	362.9	3082.5	0.0	0.074	0.132	20.7	1.2	15.3	301.	PLT ID-8 PT ID38
165	362.9	3082.5	0.0	0.0	0.159	22.6	1.1	14.3	315.	PLT ID-8 PT ID40
166	362.9	3082.5	0.0	0.005	0.126	8.8	1.2	9.7	300.	PLT ID-8 PT ID41
167	362.9	3082.5	0.0	0.027	0.019	18.3	0.6	3.7	312.	PLT ID-8 PT ID42
168	360.0	3092.2	0.0	0.170	0.014	38.1	2.5	6.9	589.	WATER PUMP 9-01
169	360.0	3092.2	0.0	0.170	0.014	38.1	1.5	0.4	394.	WATER PUMP 9-02
170	351.3	3095.6	0.0	0.005	0.003	11.6	1.5	0.4	394.	EDWARD MOS 16-01
171	358.0	3090.7	0.0	1.948	0.101	36.0	0.6	2.0	394.	GEN. PORT. 18-05
[illegible]	358.0	3090.6	0.0	4.847	0.381	44.2	2.7	8.8	454.	GEN. PORT. [illegible]-06

173	358.0	3090.6	0.0	0.0	0.101	12.2	0.7	6.5	452.	GEN. PORT.	18-10
174	358.0	3090.6	0.0	0.003	0.351	30.8	1.2	20.2	357.	GEN. PORT.	18-11
175	358.0	3090.7	0.0	0.0	0.515	18.3	3.8	4.9	394.	GEN. PORT.	18-12
176	358.0	3090.7	0.0	0.0	0.359	25.3	0.9	18.0	350.	GEN. PORT.	18-13
177	360.3	3093.2	0.0	0.0	0.011	15.2	0.6	10.3	339.	RALSON PUR	19-01
178	360.3	3093.2	0.0	0.0	0.011	7.6	0.6	5.2	295.	RALSON PUR	19-02
179	360.3	3093.2	0.0	0.0	0.118	29.0	0.6	3.6	303.	RALSON PUR	19-03
180	364.6	3090.2	0.0	0.077	0.129	22.6	2.9	1.3	306.	FLA STEEL	20-01
181	364.6	3092.4	0.0	0.0	0.085	12.2	2.3	7.3	866.	FLA STEEL	20-02
182	364.6	3092.4	0.0	0.0	0.145	12.2	2.0	9.5	334.	FLA STEEL	20-03
183	364.6	3092.4	0.0	0.0	0.252	12.2	2.8	8.2	325.	FLA STEEL	20-04
184	362.2	3087.2	0.0	0.074	0.0	9.4	3.0	11.0	340.	EXXON CO	21-01
185	362.2	3087.2	0.0	0.0	0.003	9.1	0.5	16.0	644.	EXXON CO	22-01
186	360.7	3093.3	0.0	0.008	0.010	9.4	0.3	14.1	672.	MRI CORP	23-01
187	360.1	3087.5	0.0	0.345	0.378	13.1	0.3	9.7	439.	IMC CORP	24-01
188	360.1	3087.5	0.0	0.0	0.279	20.7	2.4	11.4	348.	IMC CORP	24-02
189	360.1	3087.51	0.0	0.0	0.389	13.7	1.8	20.3	30.	IMC CORP	24-03
190	367.3	3092.6	0.0	0.005	0.003	9.1	0.5	31.6	306.	KAISER AG.	25-01
191	367.3	3092.6	0.0	0.0	0.123	7.3	0.5	19.0	450.	KAISER AG.	25-02
192	367.3	3092.6	0.0	0.0	0.123	5.8	0.2	1.0	322.	KAISER AG.	25-03
193	347.4	3082.5	0.0	0.373	0.210	27.1	0.3	8.3	374.	NAT GYPSUM	28-01
194	347.4	3082.5	0.0	0.0	0.016	21.9	0.8	18.4	435.	NAT GYPSUM	28-02
195	347.4	3082.5	0.0	0.019	0.060	19.5	0.6	16.9	339.	NAT GYPSUM	28-04
196	347.4	3082.5	0.0	0.0	0.060	9.7	1.1	10.2	349.	NAT GYPSUM	28-05
197	347.4	3082.5	0.0	0.0	0.060	12.5	0.2	19.2	295.	NAT GYPSUM	28-07
198	347.4	3082.5	0.0	0.0	0.263	19.2	0.4	13.0	294.	NAT GYPSUM	28-08
199	347.4	3082.5	0.0	0.0	0.263	18.9	0.2	14.4	325.	NAT GYPSUM	28-09
200	347.4	3082.5	0.0	0.0	0.263	21.3	0.2	14.4	325.	NAT GYPSUM	28-10
201	347.4	3082.5	0.0	0.0	0.008	19.8	0.2	14.4	339.	NAT GYPSUM	28-11
202	347.4	3082.5	0.0	0.0	0.263	20.1	0.2	15.9	339.	NAT GYPSUM	28-12
203	347.4	3082.5	0.0	0.0	0.093	19.2	0.2	15.9	366.	NAT GYPSUM	28-13
204	347.4	3082.5	0.0	0.0	0.208	23.5	0.3	18.7	316.	NAT GYPSUM	28-14
205	347.4	3082.5	0.0	0.0	0.008	23.5	0.4	14.3	316.	NAT GYPSUM	28-15
206	347.4	3082.5	0.0	0.0	0.038	14.0	0.5	13.6	339.	NAT GYPSUM	28-17
207	347.4	3082.5	0.0	0.011	0.049	12.8	0.4	10.3	294.	NAT GYPSUM	28-21
208	347.4	3082.5	0.0	0.011	0.049	12.8	0.3	21.9	450.	NAT GYPSUM	28-22
209	347.4	3082.5	0.0	0.011	0.049	12.8	0.3	21.9	450.	NAT GYPSUM	28-23
210	347.4	3082.5	0.0	0.011	0.049	12.8	0.3	21.9	450.	NAT GYPSUM	28-24
211	363.1	3089.0	0.0	0.0	0.222	61.0	0.3	21.9	450.	NITRAM INC	29-01
212	363.1	3089.0	0.0	0.047	0.005	27.4	0.9	1.9	308.	NITRAM INC	29-03
213	363.1	3089.0	0.0	0.249	0.022	22.8	1.4	10.8	505.	NITRAM INC	29-04
214	363.1	3089.01	0.0	0.0	0.222	61.0	1.4	10.3	505.	NITRAM INC	29-06
215	389.8	3090.9	0.0	0.055	0.005	9.1	0.9	19.6	308.	SOUTHLAND	30-01
216	359.5	3087.3	0.0	0.0	0.189	44.2	0.6	8.9	505.	IDEAL BAS	31-01
217	389.6	3099.7	0.0	0.008	0.003	6.1	0.4	21.6	296.	SUGAR ROSE	35-01
218	360.0	3105.7	0.0	0.0	0.003	6.1	0.7	4.0	505.	UN COMM HOS	36-01
219	360.0	3105.7	0.0	0.003	0.003	53.9	0.2	35.4	922.	UN COMM HOS	36-02
220	358.0	3091.0	0.0	5.292	0.481	85.3	3.4	18.2	403.	TECO-HOOK	38-01
221	358.0	3091.0	0.0	5.292	0.481	85.3	3.4	18.2	403.	TECO-HOOK	38-02
222	358.0	3091.0	0.0	5.410	0.492	81.7	3.6	11.5	397.	TECO-HOOK	38-03
223	358.0	3091.0	0.0	5.410	0.492	81.7	3.6	11.5	397.	TECO-HOOK	38-04
224	358.0	3091.0	0.0	5.292	0.481	85.3	3.4	18.2	403.	TECO-HOOK	38-05
225	358.0	3091.0	0.0	10.241	0.931	85.3	2.9	17.9	436.	TECO-HOOK	38-06
226	361.4	3075.7	0.0	199.391	4.844	149.6	7.3	28.8	423.	TECO-BIGB	39-01
227	361.4	3075.7	0.0	197.364	4.795	149.6	7.3	28.8	423.	TECO-BIGB	39-02
228	361.4	3075.7	0.0	203.243	4.938	149.6	7.3	34.9	373.	TECO-BIGB	39-03
229	360.0	3087.5	0.0	16.547	1.504	93.3	3.1	24.1	427.	TECO-GANN	40-01
230	360.0	3087.5	0.0	16.547	1.504	93.3	3.1	24.1	427.	TECO-GANN	40-02
231	360.0	3087.5	0.0	21.049	1.910	93.3	3.2	27.0	403.	TECO-GANN	40-03
232	360.0	3087.5	0.0	24.695	2.245	93.3	2.9	18.6	414.	TECO-GANN	40-04

233	360.0	3087.5	0.0	65.599	2.733	93.3	4.4	20.7	415.	TECO-GANN	40-05
234	360.0	3087.5	0.0	109.083	4.545	93.3	5.4	23.0	418.	TECO-GANN	40-06
235	350.4	3091.1	0.0	0.0	0.003	45.7	0.6	1.6	589.	TAMPA GEN	41-01
236	350.4	3091.1	0.0	0.041	0.003	46.0	1.4	0.4	478.	TAMPA GEN	41-02
237	360.2	3092.2	0.0	0.241	0.759	27.4	2.1	9.9	344.	MUN INCIN	42-01
238	360.2	3092.2	0.0	0.241	0.759	27.4	2.1	9.9	344.	MUN INCIN	42-02
239	360.2	3092.2	0.0	0.241	0.759	27.4	2.1	9.9	344.	MUN INCIN	42-03
240	360.2	3092.2	0.0	0.0	0.003	27.4	0.6	7.3	589.	MUN INCIN	42-04
241	360.4	3102.2	0.0	0.334	0.162	42.7	1.5	17.1	483.	THAICHERGL	45-01
242	360.4	3102.2	0.0	0.148	0.167	42.7	1.5	16.2	536.	THAICHERGL	45-02
243	302.7	3084.5	0.0	0.003	0.029	12.2	0.9	1.4	319.	WENZEL TIL	46-01
244	348.9	3100.9	0.0	0.022	0.077	3.7	0.5	4.3	478.	TAMPA SAND	49-01
245	361.8	3088.31	0.0	0.0	0.030	7.6	0.5	17.2	295.	CHLORIDEM	50-03
246	361.8	3088.31	0.0	0.685	0.025	29.9	0.6	12.1	366.	CHLORIDEM	50-04
247	357.6	3101.3	0.0	0.005	0.003	10.7	0.5	8.6	450.	CONCRETEP	53-02
248	359.4	3097.1	0.0	0.0	0.016	9.8	0.5	13.7	1255.	SCRAP-ALL	54-01
249	362.4	3083.0	0.0	0.0	0.121	9.1	0.6	16.0	295.	GAF CORP	56-02
250	365.6	3091.7	0.0	0.0	0.008	9.4	0.6	5.4	1033.	TAMPA ARM	61-01
251	359.6	3093.5	0.0	0.016	0.003	11.9	1.4	9.8	494.	DEL MONTE	64-01
252	360.4	3093.8	0.0	0.003	0.005	10.1	0.6	10.0	1033.	FLA IRON	68-01
253	368.5	3094.5	0.0	0.0	0.036	4.9	2.9	2.5	322.	SE GALVIN	69-01
254	362.8	3098.3	0.0	0.058	0.005	7.6	0.6	5.6	464.	WEYERHAUSER	70-01
255	388.2	3098.9	0.0	0.033	0.003	32.9	1.8	0.5	304.	FL SIP	71-01
256	388.2	3098.9	0.0	0.019	0.036	15.2	1.2	9.0	337.	FL SIP	71-02
257	393.8	3096.3	0.0	0.225	0.208	30.5	4.9	0.5	341.	BORDEN CHEM	75-01
258	393.8	3096.3	0.0	0.077	0.082	20.4	7.2	0.5	311.	BORDEN CHEM	75-02
259	393.8	3096.3	0.0	0.490	0.238	46.3	7.9	0.9	310.	BORDEN CHEM	75-03
260	393.8	3096.3	0.0	0.551	0.137	46.3	8.0	1.0	304.	BORDEN CHEM	75-04
261	393.8	3096.3	0.0	0.723	0.290	61.0	8.0	1.0	308.	BORDEN CHEM	75-05
262	393.8	3096.3	0.0	0.263	0.019	18.3	0.7	3.7	533.	BORDEN CHEM	75-19
263	393.8	3096.3	0.0	0.121	0.011	7.6	0.5	2.6	339.	BORDEN CHEM	75-20
264	372.4	3105.3	0.0	0.063	0.137	10.1	3.2	0.6	324.	DELTA ASPH	76-01
265	360.3	3093.0	0.0	0.0	0.014	15.2	0.6	9.7	383.	WR GRACE	77-01
266	368.0	3092.4	0.0	0.0	0.025	11.9	1.1	18.5	295.	CHLORIDEI,	80-01
267	358.0	3089.21	0.0	0.071	0.005	9.1	0.6	5.9	561.	SULPHUR T.	82-01
268	358.0	3089.21	0.0	0.071	0.005	9.1	0.6	6.2	622.	SULPHUR T.	82-02
269	363.6	3098.3	0.0	0.003	0.068	4.6	0.5	4.3	478.	PRESTRESSED	87-01
270	359.8	3104.7	0.0	0.003	0.003	39.6	1.5	2.2	489.	VA HOSP	88-01
271	359.8	3104.7	0.0	0.0	0.003	26.8	0.4	1.6	386.	VA HOSP	88-02
272	361.0	3076.2	0.0	0.0	0.364	8.8	0.4	23.0	304.	AGRICO	94-01
273	360.0	3101.8	0.0	0.027	0.003	17.4	1.2	2.4	505.	ANHEUSER-B	95-01
274	360.0	3101.8	0.0	0.055	0.003	17.4	1.2	2.4	505.	ANHEUSER-B	95-02
275	363.6	3098.1	0.0	0.0	0.066	16.8	8.2	0.1	351.	ANHEUSER-B	97-01
276	363.6	3098.1	0.0	0.0	0.066	16.8	8.2	0.0	326.	ANHEUSER-B	97-02
277	389.5	3067.9	0.0	0.266	0.304	38.1	2.4	14.5	343.	BREWSTER	101-01
278	389.5	3067.9	0.0	0.266	0.304	38.1	2.4	20.2	346.	BREWSTER	101-02
279	389.5	3067.9	0.0	0.0	0.099	39.6	0.8	8.0	316.	BREWSTER	101-03
280	389.5	3067.9	0.0	0.0	0.148	22.9	0.9	18.5	320.	BREWSTER	101-04
281	358.2	3092.1	0.0	0.0	0.104	24.4	0.9	6.5	295.	CARGILL	103-01
282	358.2	3092.0	0.0	0.003	0.003	7.9	0.8	1.7	533.	CHEVRON	104-01
283	363.7	3093.4	0.0	0.0	0.008	10.7	0.9	8.1	1089.	COMM METAL	105-01
284	362.8	3097.0	0.0	0.003	0.003	10.7	0.5	8.6	561.	CONCRETE	106-02
285	364.2	3092.9	0.0	0.0	0.104	6.6	1.0	11.3	303.	D.JOSEPH	108-02
286	364.2	3092.9	0.0	0.0	0.104	6.1	1.4	13.7	305.	D.JOSEPH	108-03
287	364.2	3092.9	0.0	0.0	0.104	12.2	1.1	31.7	300.	D.JOSEPH	108-04
288	364.7	3093.7	0.0	0.0	0.019	11.9	0.7	12.2	295.	HELENA CH	115-01
289	362.2	3086.81	0.0	0.003	0.003	16.8	0.4	7.7	505.	HUCO INC	117-01
290	362.2	3086.81	0.0	0.0	0.005	15.2	1.2	3.0	316.	HUCO INC	117-02
291	392.2	3100.0	0.0	0.003	0.001	6.0	0.4	1.1	478.	P.C.READY	124-01
292	362.8	3097.7	0.0	0.003	0.003	5.5	0.6	6.0	366.	CONAGRA	129-02

293	365.3	3093.6	0.0	0.0	0.008	7.6	0.3	12.9	295.	STAUFFER 131-01
294	359.9	3100.8	0.0	0.0	0.003	21.3	0.3	8.0	922.	USF MEDI 135-01
295	364.9	3093.5	0.0	0.0	0.003	9.1	0.5	3.4	922.	RABIES CTL137-01
296	360.9	3092.8	0.0	0.0	0.005	8.8	0.6	8.3	315.	AM. CAN 140-01
297	351.4	3086.5	0.0	0.040	0.003	12.8	0.6	4.9	505.	SWIFT PRD 155-01
298	387.4	3099.3	0.0	0.0	0.003	6.1	0.3	12.9	1033.	S.FLA BH 159-01
299	362.0	3103.2	0.0	0.003	0.068	12.2	1.5	8.6	663.	J SCHLITZ 160-01
300	323.3	3090.4	0.0	0.0	0.003	8.8	0.5	5.1	922.	BRANDON H.162-01
301	364.0	3096.4	0.0	0.0	0.003	15.2	0.9	5.8	505.	TAMPA SOAP163-01
302	360.2	3102.4	0.0	0.0	0.019	18.3	1.2	10.3	358.	CAMDEN 164-01
303	378.0	3096.6	0.0	0.0	0.003	9.1	0.6	10.7	922.	TREASUREI 166-01
304	361.8	3088.3	0.0	1.239	0.046	30.2	0.6	22.9	398.	CHLORIDE MET50-1
305	361.8	3088.3	0.0	0.0	0.106	12.2	0.5	15.8	325.	CHLORIDE MET50-2
306	363.0	3098.1	0.0	0.003	0.051	11.6	1.1	23.0	378.	VERLITE 136-1
307	361.8	3088.3	0.0	0.0	0.106	12.2	0.5	15.6	325.	CHLORIDE MET
308	357.6	3105.0	0.0	0.0	0.009	5.2	0.3	50.7	298.	ROBBINS MFG
309	357.6	3105.0	0.0	0.0	0.003	12.5	0.3	27.9	298.	ROBBINS MFG
310	357.6	3105.0	0.0	0.0	0.005	13.4	0.3	32.3	298.	ROBBINS MFG
311	357.6	3105.0	0.0	0.0	0.004	12.5	0.3	34.4	298.	ROBBINS MFG
312	360.3	3093.2	0.0	0.0	0.033	9.3	0.1	15.5	589.	RALSTON PUR 19-4
313	357.8	3091.7	0.0	0.0	0.103	18.3	1.4	0.4	294.	IND STEVE
314	359.4	3092.2	0.0	0.025	0.009	11.6	0.6	7.8	1018.	SCRAP-ALL
315	362.2	3098.0	0.0	0.0	0.021	16.8	0.3	1.9	298.	FL ROCK IND 110
316	359.4	3093.2	0.0	0.0	0.010	9.4	0.6	8.8	298.	SCRAP ALL
317	364.7	3093.7	0.0	0.0	0.026	10.6	0.7	11.9	298.	HELENA CHEM
318	364.7	3093.7	0.0	0.0	0.036	5.7	0.5	9.3	298.	HELENA CHEM
319	363.7	3093.5	0.0	0.0	0.001	24.4	0.5	0.9	298.	CARNS PIPE
320	362.2	3074.8	0.0	0.0	0.116	9.1	1.8	23.6	311.	MIN AGG
321	363.9	3093.8	0.0	0.978	0.010	29.6	0.6	29.1	300.	T.LGULF LOAST
322	362.4	3087.0	0.0	0.0	0.318	12.2	1.2	14.1	322.	GAF CORP
323	358.0	3090.6	0.0	7.709	0.793	36.0	2.7	17.7	505.	G P 4 KILN
324	358.0	3090.6	0.0	0.982	0.060	36.0	2.7	8.8	454.	G P S KILN
325	389.6	3099.7	0.0	0.008	0.002	6.1	0.7	0.8	505.	SUGAR ROSE
326	361.7	3093.3	0.0	0.0	0.030	4.6	0.2	16.6	309.	SUPERIOR
327	354.0	3062.1	0.0	0.047	0.893	7.6	0.5	22.7	436.	SPEEDLING 171-
328	364.5	3110.6	0.0	0.0	0.164	16.6	0.3	9.1	298.	CITY TAMPA
329	364.5	3110.6	0.0	0.0	0.004	12.4	0.3	5.5	298.	CITY TAMPA
330	358.0	3099.4	0.0	0.005	0.002	7.6	0.8	8.6	533.	ROYSTER 3-1
331	362.9	3084.6	0.0	0.0	0.165	9.1	0.6	0.5	298.	SI LIME
332	362.9	3084.6	0.0	0.0	0.165	9.1	0.6	0.5	298.	SI LIME
333	394.7	3069.6	0.0	0.0	0.516	30.5	1.8	8.1	339.	BORDEN 102-1
334	394.7	3069.6	0.0	0.0	0.506	7.0	0.7	10.7	300.	BORDEN 102-2
335	394.7	3069.6	0.0	0.0	0.626	9.1	0.7	10.7	300.	BORDEN 102-3
336	360.0	3105.7	0.0	0.069	0.0	53.9	0.4	7.6	022.	UNIV HOSP 36-2
337	361.4	3075.7	0.0	67.565	1.689	189.6	7.3	30.9	373.	BIG BEND UNIT 4

PROJECTED ALL SOURCES - SO2 & TSP

METEOROLOGICAL INPUT DATA FOR THE ANNUAL SEASON

MIXING DEPTH = 1394. METERS
AMBIENT TEMPERATURE = 292. DEGREES,KELVIN
AMBIENT PRESSURE = 1017. MILLIBARS

STABILITY CLASS 1

	WINDSPEED CLASS					
WIND DIRECTION	1	2	3	4	5	6
N	0.0000	0.0002	0.0	0.0	0.0	0.0
NNE	0.0000	0.0002	0.0	0.0	0.0	0.0
NE	0.0000	0.0002	0.0	0.0	0.0	0.0
ENE	0.0000	0.0001	0.0	0.0	0.0	0.0
E	0.0001	0.0003	0.0	0.0	0.0	0.0
ESE	0.0001	0.0002	0.0	0.0	0.0	0.0
SE	0.0000	0.0002	0.0	0.0	0.0	0.0
SSE	0.0001	0.0002	0.0	0.0	0.0	0.0
S	0.0001	0.0002	0.0	0.0	0.0	0.0
SSW	0.0000	0.0002	0.0	0.0	0.0	0.0
SW	0.0001	0.0004	0.0	0.0	0.0	0.0
WSW	0.0001	0.0003	0.0	0.0	0.0	0.0
W	0.0001	0.0003	0.0	0.0	0.0	0.0
WNW	0.0001	0.0002	0.0	0.0	0.0	0.0
NW	0.0000	0.0000	0.0	0.0	0.0	0.0
NNW	0.0000	0.0001	0.0	0.0	0.0	0.0

PROJECTED ALL SOURCES - SO2 & TSP

METEOROLOGICAL INPUT DATA FOR THE ANNUAL SEASON

STABILITY CLASS 2

WIND DIRECTION	WINDSPEED CLASS 1	2	3	4	5	6
N	0.0005	0.0013	0.0009	0.0	0.0	0.0
NNE	0.0004	0.0013	0.0008	0.0	0.0	0.0
NE	0.0004	0.0012	0.0009	0.0	0.0	0.0
ENE	0.0005	0.0013	0.0014	0.0	0.0	0.0
E	0.0008	0.0029	0.0027	0.0	0.0	0.0
ESE	0.0007	0.0019	0.0011	0.0	0.0	0.0
SE	0.0005	0.0012	0.0018	0.0	0.0	0.0
SSE	0.0003	0.0018	0.0018	0.0	0.0	0.0
S	0.0005	0.0016	0.0019	0.0	0.0	0.0
SSW	0.0003	0.0013	0.0018	0.0	0.0	0.0
SW	0.0003	0.0017	0.0026	0.0	0.0	0.0
WSW	0.0002	0.0018	0.0039	0.0	0.0	0.0
W	0.0005	0.0030	0.0061	0.0	0.0	0.0
WNW	0.0002	0.0008	0.0008	0.0	0.0	0.0
NW	0.0002	0.0005	0.0003	0.0	0.0	0.0
NNW	0.0003	0.0006	0.0005	0.0	0.0	0.0

PROJECTED ALL SOURCES - SO2 & TSP

METEOROLOGICAL INPUT DATA FOR THE ANNUAL SEASON

STABILITY CLASS 3

WIND DIRECTION	WINDSPEED CLASS 1	2	3	4	5	6
N	0.0002	0.0010	0.0034	0.0005	0.0	0.0
NNE	0.0001	0.0011	0.0041	0.0005	0.0	0.0
NE	0.0001	0.0016	0.0054	0.0008	0.0	0.0
ENE	0.0004	0.0029	0.0085	0.0011	0.0	0.0
E	0.0006	0.0057	0.0117	0.0017	0.0000	0.0
ESE	0.0002	0.0029	0.0065	0.0010	0.0000	0.0
SE	0.0003	0.0022	0.0072	0.0013	0.0	0.0
SSE	0.0003	0.0022	0.0069	0.0009	0.0	0.0
S	0.0002	0.0020	0.0053	0.0013	0.0	0.0000
SSW	0.0002	0.0010	0.0058	0.0018	0.0000	0.0
SW	0.0001	0.0015	0.0052	0.0010	0.0	0.0
WSW	0.0001	0.0017	0.0076	0.0013	0.0000	0.0
W	0.0002	0.0021	0.0159	0.0064	0.0003	0.0
WNW	0.0001	0.0007	0.0029	0.0012	0.0000	0.0000
NW	0.0000	0.0005	0.0018	0.0006	0.0000	0.0
NNW	0.0001	0.0008	0.0019	0.0006	0.0001	0.0000

PROJECTED ALL SOURCES - SO2 & TSP

METEOROLOGICAL INPUT DATA FOR THE ANNUAL SEASON

STABILITY CLASS 4

WIND DIRECTION	WINDSPEED CLASS 1	2	3	4	5	6
N	0.0005	0.0026	0.0103	0.0081	0.0005	0.0
NNE	0.0004	0.0032	0.0079	0.0068	0.0002	0.0000
NE	0.0005	0.0032	0.0105	0.0105	0.0004	0.0000
ENE	0.0006	0.0045	0.0138	0.0098	0.0003	0.0
E	0.0010	0.0077	0.0235	0.0168	0.0005	0.0000
ESE	0.0005	0.0035	0.0134	0.0073	0.0002	0.0
SE	0.0004	0.0031	0.0101	0.0075	0.0001	0.0000
SSE	0.0003	0.0029	0.0102	0.0076	0.0003	0.0000
S	0.0007	0.0036	0.0118	0.0102	0.0007	0.0001
SSW	0.0003	0.0019	0.0076	0.0084	0.0007	0.0000
SW	0.0002	0.0015	0.0045	0.0034	0.0001	0.0000
WSW	0.0003	0.0018	0.0065	0.0047	0.0002	0.0
W	0.0002	0.0026	0.0164	0.0211	0.0006	0.0001
WNW	0.0004	0.0011	0.0060	0.0091	0.0011	0.0004
NW	0.0003	0.0017	0.0061	0.0095	0.0011	0.0003
NNW	0.0002	0.0015	0.0066	0.0094	0.0013	0.0001

PROJECTED ALL SOURCES - SO2 & TSP

METEOROLOGICAL INPUT DATA FOR THE ANNUAL SEASON

STABILITY CLASS 5

WIND DIRECTION	WINDSPEED CLASS 1	2	3	4	5	6
N	0.0043	0.0127	0.0067	0.0	0.0	0.0
NNE	0.0047	0.0119	0.0050	0.0	0.0	0.0
NE	0.0063	0.0181	0.0078	0.0	0.0	0.0
ENE	0.0112	0.0337	0.0094	0.0	0.0	0.0
E	0.0158	0.0487	0.0135	0.0	0.0	0.0
ESE	0.0094	0.0225	0.0068	0.0	0.0	0.0
SE	0.0055	0.0129	0.0052	0.0	0.0	0.0
SSE	0.0039	0.0125	0.0034	0.0	0.0	0.0
S	0.0037	0.0107	0.0029	0.0	0.0	0.0
SSW	0.0015	0.0045	0.0018	0.0	0.0	0.0
SW	0.0015	0.0060	0.0013	0.0	0.0	0.0
WSW	0.0018	0.0052	0.0020	0.0	0.0	0.0
W	0.0028	0.0068	0.0049	0.0	0.0	0.0
WNW	0.0026	0.0069	0.0035	0.0	0.0	0.0
NW	0.0041	0.0132	0.0049	0.0	0.0	0.0
NNW	0.0038	0.0102	0.0042	0.0	0.0	0.0

PROJECTED ALL SOURCES - SO2 & TSP

INPUT REGRESSION PARAMETERS ARE:

POLLUTANT	Y-INTERCEPT	SLOPE
SO2	0.0	1.0000
PARTICULATES	0.0	1.0000

PROJECTED ALL SOURCES - SO2 & TSP

RECEPTOR CONCENTRATION DATA

RECEPTOR NUMBER	RECEPTOR LOCATION (KILOMETERS) NORTH	EAST	EXPECTED ARITHMETIC MEAN (MICROGRAMS/CU. METER) SO2	PARTICULATES
1	357.0	3070.0	11.	6.
2	357.0	3071.0	11.	7.
3	357.0	3072.0	11.	7.
4	357.0	3073.0	12.	8.
5	357.0	3074.0	12.	8.
6	357.0	3075.0	13.	9.
7	357.0	3076.0	14.	10.
8	357.0	3077.0	13.	11.
9	357.0	3078.0	15.	12.
10	357.0	3079.0	16.	14.
11	357.0	3080.0	18.	17.
12	358.0	3070.0	11.	6.
13	358.0	3071.0	11.	6.
14	358.0	3072.0	11.	7.
15	358.0	3073.0	11.	7.
16	358.0	3074.0	11.	8.
17	358.0	3075.0	12.	1[illegible].
18	358.0	3076.0	12.	1[illegible].
19	358.0	3077.0	13.	11.
20	358.0	3078.0	14.	12.
21	358.0	3079.0	16.	15.
22	358.0	3080.0	18.	1[illegible].
23	359.0	3070.0	11.	6.
24	359.0	3071.0	10.	6.
25	359.0	3072.0	10.	7.
26	359.0	3073.0	10.	7.
27	359.0	3074.0	10.	8.
28	359.0	3075.0	11.	10.
29	359.0	3076.0	11.	13.
30	359.0	3077.0	12.	12.
31	359.0	3078.0	14.	13.
32	359.0	3079.0	16.	15.
33	359.0	3080.0	19.	19.
34	360.0	3070.0	10.	6.
35	360.0	3071.0	10.	7.
36	360.0	3072.0	10.	7.
37	360.0	3073.0	10.	8.
38	360.0	3074.0	10.	8.
39	360.0	3075.0	10.	10.
40	360.0	3076.0	11.	10.

PROJECTED ALL SOURCES - SO2 & TSP

RECEPTOR CONCENTRATION DATA

RECEPTOR NUMBER	RECEPTOR LOCATION (KILOMETERS) EUTM	RECEPTOR LOCATION (KILOMETERS) NORTH	EXPECTED ARITHMETIC MEAN (MICROGRAMS/CU. METER) SO2	EXPECTED ARITHMETIC MEAN (MICROGRAMS/CU. METER) PARTICULATES
41	300.0	3077.0	12.	13.
42	300.0	3078.0	14.	13.
43	300.0	3079.0	16.	15.
44	300.0	3080.0	18.	19.
45	301.0	3070.0	10.	6.
46	301.0	3071.0	10.	7.
47	301.0	3072.0	10.	7.
48	301.0	3073.0	10.	8.
49	301.0	3074.0	10.	9.
50	301.0	3075.0	10.	12.
51	301.0	3076.0	11.	14.
52	301.0	3077.0	12.	15.
53	301.0	3078.0	13.	13.
54	301.0	3079.0	15.	15.
55	301.0	3080.0	18.	20.
56	302.0	3070.0	10.	6.
57	302.0	3071.0	10.	7.
58	302.0	3072.0	10.	7.
59	302.0	3073.0	10.	8.
60	302.0	3074.0	10.	8.
61	302.0	3075.0	10.	10.
62	302.0	3076.0	11.	13.
63	302.0	3077.0	12.	12.
64	302.0	3078.0	13.	13.
65	302.0	3079.0	15.	15.
66	302.0	3080.0	17.	20.
67	303.0	3070.0	10.	6.
68	303.0	3071.0	9.	6.
69	303.0	3072.0	9.	7.
70	303.0	3073.0	9.	7.
71	303.0	3074.0	9.	8.
72	303.0	3075.0	10.	9.
73	303.0	3076.0	11.	10.
74	303.0	3077.0	12.	11.
75	303.0	3078.0	13.	12.
76	303.0	3079.0	15.	15.
77	303.0	3080.0	17.	21.
78	304.0	3070.0	9.	6.
79	304.0	3071.0	9.	6.
80	304.0	3072.0	9.	7.

PROJECTED ALL SOURCES - SO2 & TSP

RECEPTOR CONCENTRATION DATA

RECEPTOR NUMBER	RECEPTOR LOCATION (KILOMETERS) HORIZ	VERT	EXPECTED ARITHMETIC MEAN (MICROGRAMS/CU. METER) SO2	PARTICULATES
81	364.0	3073.0	9.	7.
82	364.0	3074.0	9.	8.
83	364.0	3075.0	10.	8.
84	364.0	3076.0	12.	9.
85	364.0	3077.0	12.	10.
86	364.0	3078.0	14.	11.
87	364.0	3079.0	15.	13.
88	364.0	3080.0	16.	16.
89	365.0	3070.0	9.	6.
90	365.0	3071.0	9.	6.
91	365.0	3072.0	9.	6.
92	365.0	3073.0	9.	7.
93	365.0	3074.0	10.	7.
94	365.0	3075.0	12.	8.
95	365.0	3076.0	14.	8.
96	365.0	3077.0	13.	9.
97	365.0	3078.0	14.	10.
98	365.0	3079.0	15.	12.
99	365.0	3080.0	16.	14.
100	366.0	3070.0	9.	6.
101	366.0	3071.0	9.	6.
102	366.0	3072.0	9.	6.
103	366.0	3073.0	9.	6.
104	366.0	3074.0	10.	6.
105	366.0	3075.0	14.	7.
106	366.0	3076.0	16.	8.
107	366.0	3077.0	15.	8.
108	366.0	3078.0	14.	9.
109	366.0	3079.0	15.	11.
110	366.0	3080.0	16.	12.
111	367.0	3070.0	8.	5.
112	367.0	3071.0	9.	5.
113	367.0	3072.0	9.	6.
114	367.0	3073.0	9.	6.
115	367.0	3074.0	11.	6.
116	367.0	3075.0	15.	7.
117	367.0	3076.0	17.	7.
118	367.0	3077.0	16.	8.
119	367.0	3078.0	15.	9.
120	367.0	3079.0	15.	9.

PROJECTED ALL SOURCES - SO2 & TSP

RECEPTOR CONCENTRATION DATA				
RECEPTOR NUMBER	RECEPTOR LOCATION (KILOMETERS)		EXPECTED ARITHMETIC MEAN (MICROGRAMS/CU. METER)	
	HORIZ	VERT	SO2	PARTICULATES
121	307.0	3080.0	15	9

PROJECTED ALL SOURCES - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL SO2

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 33	RECEPTOR 22	RECEPTOR 11	RECEPTOR 44	RECEPTOR 55
1	0.01 % 0.0012	0.01 % 0.0012	0.01 % 0.0015	0.01 % 0.0012	0.01 % 0.0012
2	0.02 % 0.0031	0.02 % 0.0031	0.02 % 0.0031	0.02 % 0.0031	0.02 % 0.0030
3	0.70 % 0.1300	0.70 % 0.1000	0.77 % 0.1020	0.68 % 0.1208	0.66 % 0.1189
4	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002
5	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
6	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
7	0.02 % 0.0029	0.02 % 0.0031	0.02 % 0.0032	0.02 % 0.0028	0.01 % 0.0027
8	0.02 % 0.0029	0.02 % 0.0031	0.02 % 0.0032	0.02 % 0.0028	0.01 % 0.0027
9	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
10	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
11	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
12	0.02 % 0.0045	0.03 % 0.0047	0.03 % 0.0050	0.02 % 0.0045	0.02 % 0.0045
13	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
14	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
15	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
16	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
17	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
18	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
19	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
20	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
21	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0

PROJECTED ALL SOURCES - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL SO2

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 33	RECEPTOR 22	RECEPTOR 11	RECEPTOR 44	RECEPTOR 55
22	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
23	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
24	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
25	0.05 % 0.0080	0.05 % 0.0085	0.05 % 0.0086	0.04 % 0.0083	0.04 % 0.0081
26	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
27	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
28	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
29	0.04 % 0.0065	0.04 % 0.0066	0.04 % 0.0066	0.03 % 0.0060	0.03 % 0.0062
30	3.65 % 0.6709	3.57 % 0.6598	3.63 % 0.6681	3.74 % 0.6873	3.88 % 0.6968
31	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
32	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
33	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
34	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
35	0.04 % 0.0073	0.04 % 0.0073	0.04 % 0.0077	0.04 % 0.0073	0.04 % 0.0073
36	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
37	0.13 % 0.0230	0.13 % 0.0236	0.13 % 0.0237	0.13 % 0.0230	0.13 % 0.0226
38	0.00 % 0.0004	0.00 % 0.0005	0.00 % 0.0005	0.00 % 0.0004	0.00 % 0.0004
39	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
40	0.12 % 0.0223	0.12 % 0.0225	0.12 % 0.0227	0.12 % 0.0219	0.12 % 0.0210
41	0.03 % 0.0049	0.03 % 0.0050	0.03 % 0.0050	0.03 % 0.0048	0.03 % 0.0047
42	0.01 % 0.0016	0.01 % 0.0016	0.01 % 0.0015	0.01 % 0.0016	0.01 % 0.0016

PROJECTED ALL SOURCES - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL SO2

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 33	RECEPTOR 22	RECEPTOR 11	RECEPTOR 04	RECEPTOR 55
43	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
44	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
45	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
46	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
47	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
48	7.24 % 1.3005	7.46 % 1.3783	7.66 % 1.4121	7.08 % 1.3006	7.01 % 1.2600
49	4.89 % 0.9055	5.04 % 0.9311	5.18 % 0.9539	4.78 % 0.8786	4.74 % 0.8512
50	5.97 % 1.1045	6.08 % 1.1242	6.18 % 1.1390	5.89 % 1.0818	5.88 % 1.0573
51	0.32 % 0.0589	0.32 % 0.0580	0.31 % 0.0571	0.32 % 0.0589	0.33 % 0.0586
52	0.64 % 0.1189	0.65 % 0.1209	0.67 % 0.1226	0.64 % 0.1167	0.64 % 0.1183
53	0.64 % 0.1189	0.65 % 0.1209	0.67 % 0.1226	0.64 % 0.1167	0.64 % 0.1183
54	0.67 % 0.1200	0.69 % 0.1269	0.70 % 0.1287	0.67 % 0.1225	0.67 % 0.1200
55	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
56	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
57	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
58	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
59	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
60	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
61	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
62	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
63	0.12 % 0.0221	0.12 % 0.0220	0.12 % 0.0220	[illegible]2 % 0.0217	0.12 % 0.0218

PROJECTED ALL SOURCES - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL SO2

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 33	RECEPTOR 22	RECEPTOR 11	RECEPTOR 44	RECEPTOR 55
64	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
65	0.01 % 0.0010	0.01 % 0.0010	0.01 % 0.0010	0.01 % 0.0010	0.01 % 0.0010
66	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
67	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
68	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
69	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
70	0.03 % 0.0053	0.03 % 0.0050	0.03 % 0.0056	0.03 % 0.0051	0.03 % 0.0049
71	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
72	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
73	0.34 % 0.0625	0.34 % 0.0637	0.36 % 0.0657	0.34 % 0.0621	0.32 % 0.0581
74	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
75	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
76	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
77	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
78	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
79	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
80	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
81	0.01 % 0.0023	0.01 % 0.0023	0.01 % 0.0024	0.01 % 0.0024	0.01 % 0.0024
82	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
83	0.07 % 0.0125	0.06 % 0.0120	0.07 % 0.0120	0.07 % 0.0121	0.07 % 0.0122
84	0.87 % 0.1611	0.84 % 0.1546	0.84 % 0.1547	0.85 % 0.1561	0.87 % 0.1567

PROJECTED ALL SOURCES - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL SO2

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 33	RECEPTOR 22	RECEPTOR 11	RECEPTOR 00	RECEPTOR 55
85	0.27 % 0.0490	0.26 % 0.0470	0.26 % 0.0475	0.26 % 0.0479	0.27 % 0.0481
86	1.19 % 0.2206	1.15 % 0.2116	1.15 % 0.2118	1.16 % 0.2138	1.19 % 0.2106
87	0.02 % 0.0028	0.01 % 0.0027	0.01 % 0.0027	0.01 % 0.0027	0.02 % 0.0027
88	0.02 % 0.0028	0.01 % 0.0027	0.01 % 0.0027	0.01 % 0.0027	0.02 % 0.0027
89	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
90	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
91	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
92	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
93	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
94	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
95	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
96	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
97	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
98	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
99	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
100	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
101	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
102	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
103	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
104	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
105	0.31 % 0.0579	0.31 % 0.0578	0.32 % 0.0580	0.31 % 0.0561	0.31 % 0.0552

PROJECTED ALL SOURCES - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL SO2

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 33	RECEPTOR 22	RECEPTOR 11	RECEPTOR 44	RECEPTOR 55
106	0.00 % 0.0001	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0001
107	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
108	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
109	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
110	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
111	0.13 % 0.0243	0.13 % 0.0248	0.14 % 0.0250	0.14 % 0.0250	0.14 % 0.0250
112	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
113	0.13 % 0.0243	0.13 % 0.0248	0.14 % 0.0250	0.14 % 0.0250	0.14 % 0.0250
114	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
115	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
116	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
117	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
118	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
119	0.31 % 0.0570	0.31 % 0.0578	0.32 % 0.0586	0.31 % 0.0561	0.31 % 0.0552
120	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
121	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
122	0.01 % 0.0017	0.01 % 0.0017	0.01 % 0.0017	0.01 % 0.0017	0.01 % 0.0017
123	0.95 % 0.1760	0.95 % 0.1756	0.95 % 0.1746	0.96 % 0.1770	0.99 % 0.1778
124	0.95 % 0.1760	0.95 % 0.1756	0.95 % 0.1746	0.96 % 0.1770	0.99 % 0.1779
125	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
126	0.29 % 0.0503	0.29 % 0.0535	0.29 % 0.0527	0.30 % 0.0550	0.31 % 0.0557

PROJECTED ALL SOURCES - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL SO2

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 33	RECEPTOR 22	RECEPTOR 11	RECEPTOR 44	RECEPTOR 55
127	0.29 % 0.0503	0.29 % 0.0535	0.29 % 0.0527	0.30 % 0.0550	0.31 % 0.0557
128	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
129	0.02 % 0.0029	0.02 % 0.0029	0.02 % 0.0029	0.02 % 0.0030	0.02 % 0.0030
130	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002
131	0.00 % 0.0007	0.00 % 0.0007	0.00 % 0.0007	0.00 % 0.0007	0.00 % 0.0007
132	0.00 % 0.0005	0.00 % 0.0005	0.00 % 0.0005	0.00 % 0.0005	0.00 % 0.0005
133	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
134	0.01 % 0.0013	0.01 % 0.0013	0.01 % 0.0013	0.01 % 0.0014	0.01 % 0.0013
135	2.71 % 0.5021	2.31 % 0.4275	2.01 % 0.3694	3.00 % 0.5506	3.26 % 0.5863
136	5.80 % 1.0731	4.94 % 0.9136	4.28 % 0.7892	6.41 % 1.1773	6.98 % 1.2502
137	3.10 % 0.5700	2.73 % 0.5037	2.41 % 0.4400	3.28 % 0.6036	3.44 % 0.6187
138	1.10 % 0.2003	0.97 % 0.1796	0.85 % 0.1538	1.23 % 0.2261	1.31 % 0.2361
139	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
140	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
141	0.02 % 0.0033	0.02 % 0.0029	0.01 % 0.0026	0.02 % 0.0033	0.02 % 0.0036
142	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
143	0.03 % 0.0057	0.03 % 0.0052	0.03 % 0.0047	0.03 % 0.0057	0.03 % 0.0060
144	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
145	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
146	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
147	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0

PROJECTED ALL SOURCES - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL SO2

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 33	RECEPTOR 22	RECEPTOR 11	RECEPTOR 44	RECEPTOR 55
148	0.03 % 0.0053	0.03 % 0.0048	0.02 % 0.0043	0.03 % 0.0050	0.03 % 0.0056
149	0.03 % 0.0054	0.03 % 0.0048	0.02 % 0.0043	0.03 % 0.0050	0.03 % 0.0057
150	0.02 % 0.0032	0.02 % 0.0029	0.01 % 0.0026	0.02 % 0.0032	0.02 % 0.0038
151	0.02 % 0.0032	0.02 % 0.0029	0.01 % 0.0026	0.02 % 0.0032	0.02 % 0.0038
152	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
153	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
154	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
155	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
156	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
157	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
158	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
159	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
160	0.95 % 0.1760	0.85 % 0.1579	0.77 % 0.1420	0.97 % 0.1785	1.05 % 0.1880
161	0.03 % 0.0057	0.03 % 0.0052	0.03 % 0.0047	0.03 % 0.0057	0.03 % 0.0060
162	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
163	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
164	0.76 % 0.1008	0.69 % 0.1281	0.63 % 0.1169	0.76 % 0.1397	0.82 % 0.1477
165	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
166	0.05 % 0.0096	0.05 % 0.0087	0.04 % 0.0079	0.05 % 0.0096	0.06 % 0.0108
167	4.43 % 0.8192	4.03 % 0.7438	3.66 % 0.6708	4.44 % 0.8169	4.94 % 0.8876
168	0.04 % 0.0065	0.03 % 0.0060	0.03 % 0.0061	0.04 % 0.0068	0.04 % 0.0069

PROJECTED ALL SOURCES - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL SO2

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 33	RECEPTOR 22	RECEPTOR 11	RECEPTOR 44	RECEPTOR 55
169	0.32 % 0.0580	0.32 % 0.0586	0.31 % 0.0571	0.33 % 0.0598	0.31 % 0.0565
170	0.01 % 0.0010	0.01 % 0.0010	0.01 % 0.0010	0.01 % 0.0010	0.01 % 0.0010
171	0.03 % 0.7452	0.28 % 0.7908	0.20 % 0.7701	3.87 % 0.7113	3.64 % 0.6550
172	1.10 % 0.2029	1.17 % 0.2156	1.12 % 0.2062	1.05 % 0.1932	0.99 % 0.1772
173	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
174	0.00 % 0.0007	0.00 % 0.0007	0.00 % 0.0007	0.00 % 0.0006	0.00 % 0.0006
175	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
176	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
177	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
178	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
179	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
180	0.11 % 0.0198	0.11 % 0.0201	0.12 % 0.0213	0.11 % 0.0210	0.12 % 0.0219
181	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
182	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
183	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
184	0.05 % 0.0085	0.05 % 0.0094	0.05 % 0.0094	0.05 % 0.0097	0.06 % 0.0109
185	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
186	0.01 % 0.0020	0.01 % 0.0025	0.01 % 0.0025	0.01 % 0.0023	0.01 % 0.0022
187	1.11 % 0.2050	1.06 % 0.1960	1.01 % 0.1852	1.10 % 0.2025	1.09 % 0.1950
188	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
189	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0

PROJECTED ALL SOURCES - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL SO2

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 33	RECEPTOR 22	RECEPTOR 11	RECEPTOR 44	RECEPTOR 55
190	0.01 % 0.0016	0.01 % 0.0016	0.01 % 0.0016	0.01 % 0.0016	0.01 % 0.0015
191	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
192	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
193	0.52 % 0.0960	0.56 % 0.1043	0.62 % 0.1136	0.49 % 0.0887	0.46 % 0.0823
194	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
195	0.03 % 0.0049	0.03 % 0.0053	0.03 % 0.0058	0.02 % 0.0045	0.02 % 0.0042
196	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
197	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
198	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
199	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
200	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
201	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
202	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
203	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
204	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
205	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
206	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
207	0.02 % 0.0028	0.02 % 0.0031	0.02 % 0.0034	0.01 % 0.0026	0.01 % 0.0020
208	0.02 % 0.0028	0.02 % 0.0031	0.02 % 0.0034	0.01 % 0.0026	0.01 % 0.0020
209	0.02 % 0.0028	0.02 % 0.0031	0.02 % 0.0034	0.01 % 0.0026	0.01 % 0.0020
210	0.02 % 0.0028	0.02 % 0.0031	0.02 % 0.0034	0.01 % 0.0026	0.01 % 0.0020

PROJECTED ALL SOURCES - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL SO2

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 33	RECEPTOR 22	RECEPTOR 11	RECEPTOR 04	RECEPTOR 55
211	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
212	0.06 % 0.0107	0.06 % 0.0117	0.07 % 0.0121	0.06 % 0.0112	0.07 % 0.0123
213	0.12 % 0.0227	0.13 % 0.0240	0.13 % 0.0247	0.13 % 0.0243	0.15 % 0.0270
214	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
215	0.00 % 0.0007	0.00 % 0.0007	0.00 % 0.0007	0.00 % 0.0007	0.00 % 0.0007
216	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
217	0.01 % 0.0017	0.01 % 0.0017	0.01 % 0.0017	0.01 % 0.0017	0.01 % 0.0017
218	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
219	0.00 % 0.0003	0.00 % 0.0003	0.00 % 0.0003	0.00 % 0.0003	0.00 % 0.0003
220	0.54 % 0.0993	0.57 % 0.1051	0.54 % 0.1000	0.52 % 0.0960	0.50 % 0.0905
221	0.54 % 0.0993	0.57 % 0.1051	0.54 % 0.1000	0.52 % 0.0960	0.50 % 0.0905
222	0.72 % 0.1329	0.76 % 0.1408	0.73 % 0.1344	0.70 % 0.1280	0.67 % 0.1198
223	0.72 % 0.1329	0.76 % 0.1408	0.73 % 0.1344	0.70 % 0.1280	0.67 % 0.1198
224	0.54 % 0.0993	0.57 % 0.1051	0.54 % 0.1000	0.52 % 0.0960	0.50 % 0.0905
225	1.18 % 0.2193	1.26 % 0.2322	1.20 % 0.2216	1.15 % 0.2116	1.11 % 0.1988
226	3.34 % 0.6177	3.82 % 0.7061	4.46 % 0.8222	2.97 % 0.5457	2.82 % 0.5065
227	3.30 % 0.6115	3.78 % 0.6990	4.42 % 0.8139	2.94 % 0.5401	2.79 % 0.5013
228	4.43 % 0.8201	4.96 % 0.9159	5.57 % 1.0271	3.99 % 0.7325	3.77 % 0.6771
229	1.61 % 0.2983	1.57 % 0.2897	1.49 % 0.2736	1.67 % 0.3077	1.59 % 0.2853
230	1.61 % 0.2983	1.57 % 0.2897	1.49 % 0.2736	1.67 % 0.3077	1.59 % 0.2853
231	1.78 % 0.3301	1.74 % 0.3223	1.66 % 0.3055	1.84 % 0.3381	1.75 % 0.3149

PROJECTED ALL SOURCES - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL SO2

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 33	RECEPTOR 22	RECEPTOR 11	RECEPTOR 44	RECEPTOR 55
232	3.34 % 0.6179	3.20 % 0.5914	2.98 % 0.5489	3.51 % 0.6485	3.33 % 0.5993
233	3.74 % 0.6922	3.73 % 0.6897	3.61 % 0.6603	3.79 % 0.6956	3.55 % 0.6379
234	4.00 % 0.7407	4.05 % 0.7486	3.98 % 0.7327	3.99 % 0.7330	3.63 % 0.6515
235	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
236	0.07 % 0.0130	0.08 % 0.0147	0.08 % 0.0151	0.07 % 0.0125	0.07 % 0.0118
237	0.25 % 0.0465	0.25 % 0.0456	0.24 % 0.0435	0.25 % 0.0463	0.25 % 0.0456
238	0.25 % 0.0465	0.25 % 0.0456	0.24 % 0.0435	0.25 % 0.0463	0.25 % 0.0456
239	0.25 % 0.0465	0.25 % 0.0456	0.24 % 0.0435	0.25 % 0.0463	0.25 % 0.0456
240	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
241	0.04 % 0.0066	0.04 % 0.0065	0.04 % 0.0065	0.04 % 0.0065	0.04 % 0.0065
242	0.02 % 0.0029	0.02 % 0.0029	0.02 % 0.0028	0.02 % 0.0028	0.02 % 0.0028
243	0.00 % 0.0008	0.01 % 0.0010	0.01 % 0.0012	0.00 % 0.0007	0.00 % 0.0006
244	0.02 % 0.0031	0.02 % 0.0031	0.02 % 0.0031	0.02 % 0.0032	0.02 % 0.0032
245	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
246	1.78 % 0.3209	1.71 % 0.3159	1.87 % 0.3438	1.93 % 0.3540	2.00 % 0.3592
247	0.00 % 0.0009	0.00 % 0.0009	0.01 % 0.0009	0.00 % 0.0009	0.00 % 0.0009
248	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
249	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
250	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
251	0.01 % 0.0028	0.01 % 0.0028	0.01 % 0.0027	0.01 % 0.0027	0.01 % 0.0027
252	0.00 % 0.0005	0.00 % 0.0005	0.00 % 0.0005	0.00 % 0.0005	0.00 % 0.0005

PROJECTED ALL SOURCES - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL SO2

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 33	RECEPTOR 22	RECEPTOR 11	RECEPTOR 44	RECEPTOR 55
253	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
254	0.07 % 0.0120	0.07 % 0.0125	0.07 % 0.0121	0.07 % 0.0129	0.07 % 0.0129
255	0.02 % 0.0038	0.02 % 0.0038	0.02 % 0.0038	0.02 % 0.0039	0.02 % 0.0039
256	0.01 % 0.0022	0.01 % 0.0022	0.01 % 0.0022	0.01 % 0.0022	0.01 % 0.0022
257	0.14 % 0.0267	0.14 % 0.0263	0.14 % 0.0258	0.15 % 0.0272	0.15 % 0.0276
258	0.05 % 0.0092	0.05 % 0.0090	0.05 % 0.0088	0.05 % 0.0093	0.05 % 0.0095
259	0.31 % 0.0580	0.31 % 0.0570	0.30 % 0.0561	0.32 % 0.0590	0.33 % 0.0599
260	0.35 % 0.0653	0.35 % 0.0642	0.34 % 0.0631	0.36 % 0.0660	0.38 % 0.0675
261	0.11 % 0.0213	0.11 % 0.0207	0.11 % 0.0201	0.12 % 0.0218	0.12 % 0.0225
262	0.32 % 0.0597	0.32 % 0.0588	0.31 % 0.0579	0.33 % 0.0606	0.34 % 0.0616
263	0.15 % 0.0225	0.15 % 0.0221	0.14 % 0.0266	0.15 % 0.0279	0.16 % 0.0283
264	0.03 % 0.0049	0.03 % 0.0051	0.03 % 0.0052	0.03 % 0.0008	0.03 % 0.0006
265	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
266	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
267	0.17 % 0.0321	0.19 % 0.0342	0.18 % 0.0335	0.16 % 0.0300	0.15 % 0.0268
268	0.17 % 0.0320	0.19 % 0.0342	0.18 % 0.0335	0.16 % 0.0300	0.15 % 0.0268
269	0.00 % 0.0007	0.00 % 0.0006	0.00 % 0.0006	0.00 % 0.0007	0.00 % 0.0007
270	0.00 % 0.0003	0.00 % 0.0003	0.00 % 0.0003	0.00 % 0.0003	0.00 % 0.0003
271	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
272	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
273	0.02 % 0.0028	0.02 % 0.0028	0.02 % 0.0028	0.02 % 0.0029	0.02 % 0.0028

PROJECTED ALL SOURCES - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL SO2

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 33	RECEPTOR 22	RECEPTOR 11	RECEPTOR 44	RECEPTOR 55
274	0.03 % 0.0057	0.03 % 0.0058	0.03 % 0.0057	0.03 % 0.0060	0.03 % 0.0057
275	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
276	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
277	0.02 % 0.0041	0.02 % 0.0041	0.02 % 0.0041	0.02 % 0.0040	0.03 % 0.0045
278	0.02 % 0.0039	0.02 % 0.0039	0.02 % 0.0039	0.02 % 0.0042	0.02 % 0.0043
279	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
280	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
281	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
282	0.01 % 0.0010	0.01 % 0.0010	0.01 % 0.0011	0.01 % 0.0010	0.01 % 0.0009
283	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
284	0.00 % 0.0007	0.00 % 0.0007	0.00 % 0.0007	0.00 % 0.0007	0.00 % 0.0007
285	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
286	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
287	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
288	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
289	0.01 % 0.0018	0.01 % 0.0019	0.01 % 0.0019	0.01 % 0.0018	0.01 % 0.0020
290	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
291	0.00 % 0.0006	0.00 % 0.0006	0.00 % 0.0006	0.00 % 0.0006	0.00 % 0.0006
292	0.00 % 0.0007	0.00 % 0.0007	0.00 % 0.0006	0.00 % 0.0007	0.00 % 0.0007
293	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
294	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0

PROJECTED ALL SOURCES - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL SO2

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 33	RECEPTOR 22	RECEPTOR 11	RECEPTOR 44	RECEPTOR 55
295	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
296	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
297	0.09 % 0.0163	0.10 % 0.0188	0.11 % 0.0201	0.05 % 0.0104	0.07 % 0.0126
298	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
299	0.00 % 0.0001	0.00 % 0.0001	0.00 % 0.0001	0.00 % 0.0001	0.00 % 0.0001
300	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
301	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
302	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
303	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
304	1.81 % 0.3307	1.71 % 0.3166	1.89 % 0.3078	2.01 % 0.3692	2.13 % 0.3830
305	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
306	0.00 % 0.0004	0.00 % 0.0004	0.00 % 0.0003	0.00 % 0.0004	0.00 % 0.0004
307	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
308	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
309	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
310	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
311	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
312	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
313	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
314	0.03 % 0.0050	0.03 % 0.0050	0.03 % 0.0049	0.03 % 0.0050	0.03 % 0.0048
315	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	[illegible] % 0.0	0.0 % 0.0

PROJECTED ALL SOURCES - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL SO2

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 33	RECEPTOR 22	RECEPTOR 11	RECEPTOR 44	RECEPTOR 55
316	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
317	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
318	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
319	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
320	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
321	0.79 % 0.1462	0.76 % 0.1403	0.80 % 0.1477	0.85 % 0.1570	0.92 % 0.1689
322	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
323	1.20 % 0.2213	1.26 % 0.2330	1.21 % 0.2223	1.1[illegible] % 0.2133	1.11 % 0.1991
324	0.23 % 0.0430	0.25 % 0.0457	0.24 % 0.0438	0.22 % 0.0410	0.21 % 0.0375
325	0.01 % 0.0017	0.01 % 0.0017	0.01 % 0.0017	0.01 % 0.0017	0.01 % 0.0017
326	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
327	0.02 % 0.0037	0.02 % 0.0041	0.02 % 0.0046	0.02 % 0.0032	0.01 % 0.0027
328	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
329	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
330	0.01 % 0.0012	0.01 % 0.0013	0.01 % 0.0012	0.01 % 0.0011	0.01 % 0.0010
331	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
332	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
333	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
334	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
335	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
336	0.06 % 0.0105	0.06 % 0.0106	0.06 % 0.0107	0.06 % 0.0109	0.06 % 0.0103

PROJECTED ALL SOURCES - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL SO2

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 33	RECEPTOR 22	RECEPTOR 11	RECEPTOR 44	RECEPTOR 55
337	1.47 % 0.2726	1.65 % 0.3045	1.85 % 0.3414	1.33 % 0.2435	1.25 % 0.2251
BACK-GROUND	0.0 % 0.	0.0 % 0.	0.0 % 0.	0.0 % 0.	0.0 % 0.
TOTAL	100.1 % 18.5169	100.1 % 18.0878	100.1 % 18.4355	100.1 % 18.3879	100.1 % 17.9811

PROJECTED ALL SOURCES - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL PARTICULATES

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 51	RECEPTOR 77	RECEPTOR 55	RECEPTOR 66	RECEPTOR 33
1	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002
2	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002
3	0.02 % 0.0061	0.02 % 0.0049	0.03 % 0.0055	0.03 % 0.0052	0.03 % 0.0060
4	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
5	0.04 % 0.0101	0.05 % 0.0115	0.06 % 0.0119	0.06 % 0.0117	0.06 % 0.0120
6	0.07 % 0.0205	0.10 % 0.0201	0.10 % 0.0208	0.10 % 0.0205	0.11 % 0.0210
7	0.01 % 0.0035	0.01 % 0.0029	0.02 % 0.0032	0.02 % 0.0030	0.02 % 0.0030
8	0.01 % 0.0030	0.01 % 0.0024	0.01 % 0.0027	0.01 % 0.0025	0.02 % 0.0029
9	0.00 % 0.0010	0.01 % 0.0012	0.01 % 0.0012	0.01 % 0.0012	0.01 % 0.0012
10	0.05 % 0.0176	0.07 % 0.0145	0.07 % 0.0109	0.08 % 0.0107	0.08 % 0.0151
11	0.02 % 0.0053	0.02 % 0.0043	0.02 % 0.0045	0.02 % 0.0040	0.02 % 0.0045
12	0.02 % 0.0059	0.02 % 0.0048	0.02 % 0.0050	0.03 % 0.0049	0.03 % 0.0050
13	0.01 % 0.0030	0.01 % 0.0029	0.02 % 0.0034	0.02 % 0.0032	0.02 % 0.0038
14	0.02 % 0.0076	0.03 % 0.0060	0.03 % 0.0067	0.03 % 0.0066	0.04 % 0.0069
15	0.02 % 0.0079	0.03 % 0.0070	0.04 % 0.0075	0.03 % 0.0069	0.05 % 0.0088
16	0.02 % 0.0080	0.03 % 0.0071	0.04 % 0.0076	0.04 % 0.0069	0.05 % 0.0088
17	0.00 % 0.0017	0.01 % 0.0015	0.01 % 0.0016	0.01 % 0.0015	0.01 % 0.0019
18	0.00 % 0.0008	0.00 % 0.0007	0.00 % 0.0008	0.00 % 0.0007	0.00 % 0.0009
19	0.00 % 0.0016	0.01 % 0.0010	0.01 % 0.0015	0.01 % 0.0010	0.01 % 0.0018
20	0.00 % 0.0005	0.00 % 0.0004	0.00 % 0.0004	0.00 % 0.0004	0.00 % 0.0005
21	0.00 % 0.0001	0.00 % 0.0001	0.00 % 0.0001	0.00 % 0.0001	0.00 % 0.0001

PROJECTED ALL SOURCES - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL PARTICULATES

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 51	RECEPTOR 77	RECEPTOR 55	RECEPTOR 66	RECEPTOR 33
22	0.00 % 0.0017	0.01 % 0.0015	0.01 % 0.0015	0.01 % 0.0018	0.01 % 0.0017
23	0.01 % 0.0001	0.02 % 0.0005	0.02 % 0.0008	0.02 % 0.0006	0.03 % 0.0050
24	0.01 % 0.0009	0.02 % 0.0000	0.02 % 0.0002	0.02 % 0.0001	0.02 % 0.0043
25	0.03 % 0.0009	0.04 % 0.0075	0.04 % 0.0079	0.04 % 0.0077	0.04 % 0.0082
26	0.00 % 0.0001	0.00 % 0.0001	0.00 % 0.0001	0.00 % 0.0001	0.00 % 0.0001
27	0.01 % 0.0029	0.01 % 0.0024	0.01 % 0.0024	0.01 % 0.0024	0.01 % 0.0025
28	0.02 % 0.0050	0.02 % 0.0048	0.02 % 0.0050	0.02 % 0.0048	0.03 % 0.0057
29	0.01 % 0.0030	0.01 % 0.0028	0.01 % 0.0030	0.01 % 0.0029	0.02 % 0.0031
30	0.20 % 0.0688	0.30 % 0.0642	0.32 % 0.0634	0.33 % 0.0640	0.32 % 0.0618
31	0.00 % 0.0003	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002
32	0.02 % 0.0053	0.02 % 0.0046	0.02 % 0.0046	0.02 % 0.0046	0.02 % 0.0048
33	0.01 % 0.0040	0.02 % 0.0043	0.02 % 0.0040	0.02 % 0.0042	0.03 % 0.0053
34	0.02 % 0.0063	0.03 % 0.0056	0.03 % 0.0060	0.03 % 0.0055	0.04 % 0.0070
35	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
36	0.09 % 0.0290	0.12 % 0.0249	0.13 % 0.0262	0.13 % 0.0256	0.14 % 0.0271
37	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
38	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
39	0.00 % 0.0001	0.00 % 0.0001	0.00 % 0.0001	0.00 % 0.0001	0.00 % 0.0001
40	0.01 % 0.0021	0.01 % 0.0018	0.01 % 0.0019	0.01 % 0.0018	0.01 % 0.0019
41	0.00 % 0.0005	0.00 % 0.0004	0.00 % 0.0004	0.00 % 0.0004	0.00 % 0.0005
42	0.00 % 0.0005	0.00 % 0.0004	0.00 % 0.0004	0.00 % 0.0004	0.00 % 0.0004

PROJECTED ALL SOURCES - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL PARTICULATES

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 51	RECEPTOR 77	RECEPTOR 55	RECEPTOR 66	RECEPTOR 33
43	0.00 % 0.0015	0.01 % 0.0015	0.01 % 0.0015	0.01 % 0.0015	0.01 % 0.0016
44	0.00 % 0.0015	0.01 % 0.0015	0.01 % 0.0015	0.01 % 0.0015	0.01 % 0.0016
45	0.02 % 0.0062	0.04 % 0.0070	0.04 % 0.0079	0.03 % 0.0076	0.04 % 0.0080
46	0.03 % 0.0116	0.06 % 0.0123	0.06 % 0.0130	0.06 % 0.0126	0.07 % 0.0137
47	0.00 % 0.0006	0.00 % 0.0005	0.00 % 0.0006	0.00 % 0.0005	0.00 % 0.0006
48	0.07 % 0.0220	0.20 % 0.0429	0.23 % 0.0458	0.23 % 0.0448	0.25 % 0.0488
49	0.04 % 0.0150	0.14 % 0.0290	0.15 % 0.0310	0.15 % 0.0300	0.17 % 0.0329
50	0.05 % 0.0186	0.17 % 0.0366	0.19 % 0.0384	0.19 % 0.0375	0.21 % 0.0402
51	0.00 % 0.0001	0.00 % 0.0003	0.00 % 0.0003	0.00 % 0.0003	0.00 % 0.0003
52	0.01 % 0.0037	0.02 % 0.0040	0.02 % 0.0042	0.02 % 0.0041	0.02 % 0.0043
53	0.01 % 0.0037	0.02 % 0.0040	0.02 % 0.0042	0.02 % 0.0041	0.02 % 0.0043
54	0.01 % 0.0039	0.02 % 0.0042	0.02 % 0.0044	0.02 % 0.0043	0.02 % 0.0045
55	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002
56	0.01 % 0.0025	0.01 % 0.0020	0.01 % 0.0021	0.01 % 0.0020	0.01 % 0.0022
57	0.02 % 0.0076	0.03 % 0.0062	0.03 % 0.0068	0.03 % 0.0065	0.04 % 0.0076
58	0.01 % 0.0042	0.03 % 0.0050	0.03 % 0.0055	0.03 % 0.0055	0.03 % 0.0055
59	0.03 % 0.0103	0.05 % 0.0108	0.05 % 0.0109	0.06 % 0.0112	0.06 % 0.0112
60	0.04 % 0.0123	0.06 % 0.0130	0.07 % 0.0131	0.07 % 0.0134	0.07 % 0.0134
61	0.09 % 0.0311	0.15 % 0.0326	0.16 % 0.0328	0.17 % 0.0335	0.18 % 0.0339
62	0.01 % 0.0039	0.02 % 0.0041	0.02 % 0.0041	0.02 % 0.0042	0.02 % 0.0042
63	0.00 % 0.0007	0.00 % 0.0007	0.00 % 0.0008	0.00 % 0.0008	0.00 % 0.0008

PROJECTED ALL SOURCES - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL PARTICULATES

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 51	RECEPTOR 77	RECEPTOR 55	RECEPTOR 66	RECEPTOR 33
64	0.06 % 0.0202	0.10 % 0.0211	0.11 % 0.0212	0.11 % 0.0217	0.11 % 0.0219
65	0.05 % 0.0160	0.08 % 0.0172	0.09 % 0.0173	0.09 % 0.0176	0.09 % 0.0178
66	0.01 % 0.0040	0.02 % 0.0043	0.02 % 0.0043	0.02 % 0.0043	0.02 % 0.0044
67	0.04 % 0.0121	0.06 % 0.0130	0.07 % 0.0137	0.07 % 0.0133	0.08 % 0.0106
68	0.03 % 0.0115	0.05 % 0.0100	0.05 % 0.0108	0.05 % 0.0109	0.06 % 0.0118
69	0.02 % 0.0062	0.03 % 0.0058	0.03 % 0.0058	0.03 % 0.0056	0.03 % 0.0063
70	0.00 % 0.0006	0.00 % 0.0006	0.00 % 0.0006	0.00 % 0.0006	0.00 % 0.0006
71	0.03 % 0.0105	0.05 % 0.0113	0.06 % 0.0119	0.06 % 0.0116	0.07 % 0.0126
72	0.00 % 0.0004	0.00 % 0.0004	0.00 % 0.0005	0.00 % 0.0004	0.00 % 0.0005
73	0.00 % 0.0013	0.00 % 0.0008	0.00 % 0.0008	0.00 % 0.0008	0.00 % 0.0008
74	0.01 % 0.0021	0.01 % 0.0024	0.01 % 0.0025	0.01 % 0.0024	0.01 % 0.0026
75	0.00 % 0.0003	0.00 % 0.0002	0.00 % 0.0003	0.00 % 0.0003	0.00 % 0.0003
76	0.00 % 0.0007	0.00 % 0.0007	0.00 % 0.0007	0.00 % 0.0007	0.00 % 0.0008
77	0.01 % 0.0038	0.02 % 0.0042	0.02 % 0.0040	0.02 % 0.0043	0.02 % 0.0047
78	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002
79	0.01 % 0.0026	0.01 % 0.0027	0.01 % 0.0027	0.01 % 0.0028	0.01 % 0.0028
80	0.01 % 0.0034	0.02 % 0.0035	0.02 % 0.0036	0.02 % 0.0036	0.02 % 0.0037
81	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002
82	0.06 % 0.0210	0.11 % 0.0227	0.11 % 0.0220	0.11 % 0.0223	0.12 % 0.0226
83	0.02 % 0.0083	0.04 % 0.0089	0.04 % 0.0086	0.04 % 0.0088	0.05 % 0.0088
84	0.03 % 0.0110	0.06 % 0.0119	0.06 % 0.0115	0.06 % 0.0117	0.06 % 0.0119

PROJECTED ALL SOURCES - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL PARTICULATES

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 51	RECEPTOR 77	RECEPTOR 55	RECEPTOR 66	RECEPTOR 33
85	0.01 % 0.0033	0.02 % 0.0036	0.02 % 0.0035	0.02 % 0.0035	0.02 % 0.0036
86	0.04 % 0.0109	0.08 % 0.0161	0.08 % 0.0156	0.08 % 0.0159	0.08 % 0.0161
87	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002
88	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002
89	0.01 % 0.0023	0.01 % 0.0020	0.01 % 0.0020	0.01 % 0.0020	0.01 % 0.0020
90	0.01 % 0.0023	0.01 % 0.0020	0.01 % 0.0020	0.01 % 0.0020	0.01 % 0.0020
91	0.01 % 0.0023	0.01 % 0.0020	0.01 % 0.0020	0.01 % 0.0020	0.01 % 0.0020
92	0.01 % 0.0023	0.01 % 0.0020	0.01 % 0.0020	0.01 % 0.0020	0.01 % 0.0020
93	0.01 % 0.0023	0.01 % 0.0020	0.01 % 0.0020	0.01 % 0.0020	0.01 % 0.0020
94	0.01 % 0.0023	0.01 % 0.0020	0.01 % 0.0020	0.01 % 0.0020	0.01 % 0.0020
95	0.01 % 0.0023	0.01 % 0.0020	0.01 % 0.0020	0.01 % 0.0020	0.01 % 0.0020
96	0.01 % 0.0023	0.01 % 0.0020	0.01 % 0.0020	0.01 % 0.0020	0.01 % 0.0020
97	0.01 % 0.0023	0.01 % 0.0020	0.01 % 0.0020	0.01 % 0.0020	0.01 % 0.0020
98	0.01 % 0.0023	0.01 % 0.0020	0.01 % 0.0020	0.01 % 0.0020	0.01 % 0.0020
99	0.01 % 0.0023	0.01 % 0.0020	0.01 % 0.0020	0.01 % 0.0020	0.01 % 0.0020
100	0.01 % 0.0023	0.01 % 0.0020	0.01 % 0.0020	0.01 % 0.0020	0.01 % 0.0020
101	0.01 % 0.0023	0.01 % 0.0020	0.01 % 0.0020	0.01 % 0.0020	0.01 % 0.0020
102	0.01 % 0.0023	0.01 % 0.0020	0.01 % 0.0020	0.01 % 0.0020	0.01 % 0.0020
103	0.01 % 0.0023	0.01 % 0.0020	0.01 % 0.0020	0.01 % 0.0020	0.01 % 0.0020
104	0.01 % 0.0023	0.01 % 0.0020	0.01 % 0.0020	0.01 % 0.0020	0.01 % 0.0020
105	0.01 % 0.0051	0.02 % 0.0052	0.03 % 0.0050	0.03 % 0.0050	0.03 % 0.0052

PROJECTED ALL SOURCES - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL PARTICULATES

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 51	RECEPTOR 77	RECEPTOR 55	RECEPTOR 66	RECEPTOR 33
106	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
107	0.02 % 0.0062	0.03 % 0.0060	0.03 % 0.0063	0.03 % 0.0063	0.03 % 0.0065
108	0.02 % 0.0062	0.03 % 0.0060	0.03 % 0.0063	0.03 % 0.0063	0.03 % 0.0065
109	0.01 % 0.0049	0.02 % 0.0052	0.03 % 0.0051	0.03 % 0.0052	0.03 % 0.0053
110	0.01 % 0.0049	0.02 % 0.0052	0.03 % 0.0051	0.03 % 0.0052	0.03 % 0.0053
111	0.01 % 0.0038	0.02 % 0.0041	0.02 % 0.0040	0.02 % 0.0040	0.02 % 0.0039
112	0.01 % 0.0041	0.02 % 0.0045	0.02 % 0.0044	0.02 % 0.0044	0.02 % 0.0043
113	0.01 % 0.0039	0.02 % 0.0043	0.02 % 0.0042	0.02 % 0.0042	0.02 % 0.0041
114	0.01 % 0.0042	0.02 % 0.0046	0.02 % 0.0045	0.02 % 0.0045	0.02 % 0.0046
115	0.00 % 0.0008	0.00 % 0.0008	0.00 % 0.0008	0.00 % 0.0008	0.00 % 0.0008
116	0.01 % 0.0031	0.02 % 0.0033	0.02 % 0.0032	0.02 % 0.0032	0.02 % 0.0031
117	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002
118	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002
119	0.01 % 0.0051	0.02 % 0.0052	0.03 % 0.0050	0.03 % 0.0050	0.03 % 0.0052
120	0.02 % 0.0080	0.04 % 0.0093	0.05 % 0.0095	0.05 % 0.0094	0.05 % 0.0096
121	0.01 % 0.0032	0.02 % 0.0040	0.02 % 0.0043	0.02 % 0.0040	0.02 % 0.0045
122	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002
123	0.02 % 0.0060	0.03 % 0.0067	0.03 % 0.0067	0.03 % 0.0067	0.03 % 0.0067
124	0.02 % 0.0060	0.03 % 0.0067	0.03 % 0.0067	0.03 % 0.0067	0.03 % 0.0067
125	0.12 % 0.0024	0.23 % 0.0074	0.24 % 0.0073	0.24 % 0.0074	0.24 % 0.0069
126	0.01 % 0.0019	0.01 % 0.0021	0.01 % 0.0021	0.01 % 0.0021	0.01 % 0.0020

PROJECTED ALL SOURCES - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL PARTICULATES

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 51	RECEPTOR 77	RECEPTOR 55	RECEPTOR 66	RECEPTOR 33
127	0.01 % 0.0019	0.01 % 0.0021	0.01 % 0.0021	0.01 % 0.0021	0.01 % 0.0020
128	0.13 % 0.0456	0.24 % 0.0510	0.25 % 0.0509	0.26 % 0.0510	0.26 % 0.0505
129	0.01 % 0.0051	0.03 % 0.0057	0.03 % 0.0057	0.03 % 0.0057	0.03 % 0.0056
130	0.01 % 0.0026	0.01 % 0.0030	0.01 % 0.0029	0.02 % 0.0029	0.01 % 0.0028
131	0.01 % 0.0035	0.02 % 0.0039	0.02 % 0.0039	0.02 % 0.0039	0.02 % 0.0039
132	0.01 % 0.0040	0.03 % 0.0055	0.03 % 0.0050	0.03 % 0.0055	0.03 % 0.0050
133	0.04 % 0.0138	0.07 % 0.0155	0.08 % 0.0156	0.08 % 0.0156	0.08 % 0.0155
134	0.00 % 0.0002	0.00 % 0.0003	0.00 % 0.0003	0.00 % 0.0003	0.00 % 0.0003
135	0.02 % 0.0081	0.11 % 0.0220	0.11 % 0.0222	0.10 % 0.0193	0.10 % 0.0190
136	0.05 % 0.0175	0.23 % 0.0482	0.24 % 0.0457	0.21 % 0.0416	0.21 % 0.0408
137	0.03 % 0.0098	0.11 % 0.0223	0.11 % 0.0230	0.10 % 0.0203	0.11 % 0.0210
138	0.12 % 0.0397	0.55 % 0.1153	0.52 % 0.1039	0.52 % 0.1022	0.47 % 0.0899
139	0.38 % 0.1297	1.80 % 0.3797	1.75 % 0.3503	1.82 % 0.3570	1.78 % 0.3428
140	0.66 % 0.2276	3.79 % 0.7990	3.51 % 0.7040	3.66 % 0.7168	3.42 % 0.6583
141	0.36 % 0.1220	2.03 % 0.4270	1.91 % 0.3840	1.87 % 0.3675	1.83 % 0.3531
142	0.58 % 0.1972	3.17 % 0.6680	3.02 % 0.6053	3.07 % 0.6012	2.96 % 0.5703
143	0.66 % 0.2268	3.45 % 0.7272	3.42 % 0.6865	3.36 % 0.6594	3.41 % 0.6557
144	0.44 % 0.1518	2.21 % 0.4665	2.27 % 0.4558	2.09 % 0.4091	2.26 % 0.4350
145	0.72 % 0.2460	4.50 % 0.9475	3.90 % 0.7829	4.27 % 0.8363	3.70 % 0.7133
146	0.77 % 0.2607	3.90 % 0.8220	3.96 % 0.7951	3.81 % 0.7476	3.97 % 0.7651
147	0.77 % 0.2626	4.79 % 1.0090	4.16 % 0.8352	4.54 % 0.8909	3.95 % 0.7610

PROJECTED ALL SOURCES - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL PARTICULATES

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 51	RECEPTOR 77	RECEPTOR 55	RECEPTOR 66	RECEPTOR 33
148	0.24 % 0.0811	1.21 % 0.2553	1.23 % 0.2458	1.14 % 0.2228	1.21 % 0.2329
149	0.25 % 0.0841	1.30 % 0.2748	1.28 % 0.2576	1.22 % 0.2385	1.25 % 0.2415
150	0.23 % 0.0790	1.20 % 0.2527	1.20 % 0.2415	1.12 % 0.2202	1.18 % 0.2281
151	0.22 % 0.0750	1.13 % 0.2372	1.14 % 0.2294	1.06 % 0.2072	1.13 % 0.2177
152	0.37 % 0.1263	1.97 % 0.4158	1.94 % 0.3896	1.84 % 0.3600	1.89 % 0.3682
153	0.81 % 0.2760	4.63 % 0.9753	4.27 % 0.8571	4.16 % 0.8737	4.16 % 0.8002
154	0.81 % 0.2762	4.55 % 0.9588	4.25 % 0.8515	4.39 % 0.8610	4.15 % 0.7986
155	0.77 % 0.2651	4.29 % 0.9033	4.05 % 0.8127	4.15 % 0.8140	3.98 % 0.7662
156	0.78 % 0.2660	4.57 % 0.9637	4.15 % 0.8313	4.39 % 0.8600	4.00 % 0.7711
157	0.77 % 0.2640	4.23 % 0.8920	4.03 % 0.8080	4.11 % 0.8040	3.97 % 0.7651
158	0.77 % 0.2656	4.38 % 0.9237	4.09 % 0.8194	4.23 % 0.8297	3.99 % 0.7682
159	0.45 % 0.1539	2.59 % 0.5050	2.42 % 0.4806	2.39 % 0.4682	2.30 % 0.4428
160	0.07 % 0.0235	0.37 % 0.0772	0.36 % 0.0722	0.34 % 0.0669	0.35 % 0.0676
161	0.74 % 0.2539	3.88 % 0.8168	3.84 % 0.7690	3.77 % 0.7400	3.81 % 0.7341
162	0.24 % 0.0830	1.30 % 0.2743	1.26 % 0.2533	1.26 % 0.2476	1.25 % 0.2401
163	0.25 % 0.0869	1.35 % 0.2837	1.32 % 0.2603	1.31 % 0.2565	1.30 % 0.2513
164	0.25 % 0.0860	1.33 % 0.2807	1.31 % 0.2634	1.30 % 0.2512	1.30 % 0.2511
165	0.30 % 0.1039	1.43 % 0.3021	1.53 % 0.3066	1.42 % 0.2775	1.56 % 0.3001
166	0.24 % 0.0835	1.44 % 0.3033	1.30 % 0.2616	1.38 % 0.2699	1.26 % 0.2020
167	0.04 % 0.0126	0.22 % 0.0463	0.20 % 0.0395	0.21 % 0.0412	0.19 % 0.0365
168	0.00 % 0.0004	0.00 % 0.0005	0.00 % 0.0005	0.00 % 0.0005	0.00 % 0.0005

PROJECTED ALL SOURCES - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL PARTICULATES

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 51	RECEPTOR 77	RECEPTOR 55	RECEPTOR 66	RECEPTOR 33
169	0.01 % 0.0030	0.02 % 0.0042	0.02 % 0.0047	0.02 % 0.0045	0.02 % 0.0048
170	0.00 % 0.0005	0.00 % 0.0006	0.00 % 0.0006	0.00 % 0.0006	0.00 % 0.0006
171	0.08 % 0.0258	0.10 % 0.0291	0.17 % 0.0300	0.15 % 0.0301	0.20 % 0.0386
172	0.03 % 0.0100	0.06 % 0.0117	0.07 % 0.0139	0.06 % 0.0123	0.08 % 0.0159
173	0.01 % 0.0020	0.01 % 0.0027	0.02 % 0.0032	0.01 % 0.0028	0.02 % 0.0036
174	0.15 % 0.0502	0.26 % 0.0557	0.33 % 0.0658	0.29 % 0.0570	0.40 % 0.0771
175	0.05 % 0.0160	0.09 % 0.0189	0.11 % 0.0229	0.10 % 0.0199	0.14 % 0.0265
176	0.15 % 0.0520	0.27 % 0.0575	0.34 % 0.0685	0.30 % 0.0594	0.42 % 0.0805
177	0.01 % 0.0025	0.02 % 0.0032	0.02 % 0.0030	0.02 % 0.0033	0.02 % 0.0035
178	0.01 % 0.0026	0.02 % 0.0032	0.02 % 0.0030	0.02 % 0.0033	0.02 % 0.0035
179	0.08 % 0.0273	0.16 % 0.0339	0.18 % 0.0363	0.18 % 0.0355	0.19 % 0.0370
180	0.08 % 0.0287	0.18 % 0.0328	0.18 % 0.0367	0.19 % 0.0377	0.17 % 0.0332
181	0.01 % 0.0023	0.02 % 0.0035	0.02 % 0.0031	0.02 % 0.0033	0.01 % 0.0028
182	0.06 % 0.0198	0.13 % 0.0280	0.13 % 0.0257	0.14 % 0.0272	0.12 % 0.0231
183	0.10 % 0.0341	0.23 % 0.0482	0.22 % 0.0402	0.24 % 0.0468	0.21 % 0.0398
184	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
185	0.00 % 0.0007	0.01 % 0.0011	0.01 % 0.0011	0.01 % 0.0011	0.00 % 0.0009
186	0.01 % 0.0031	0.02 % 0.0042	0.02 % 0.0039	0.02 % 0.0040	0.02 % 0.0042
187	0.39 % 0.1349	0.78 % 0.1639	1.07 % 0.2101	0.99 % 0.1909	1.17 % 0.2251
188	0.07 % 0.0235	0.13 % 0.0273	0.19 % 0.0389	0.17 % 0.0342	0.21 % 0.0399
189	0.24 % 0.0817	0.46 % 0.0959	0.66 % 0.1318	0.60 % 0.1170	0.71 % 0.1370

PROJECTED ALL SOURCES - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL PARTICULATES

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 51	RECEPTOR 77	RECEPTOR 55	RECEPTOR 66	RECEPTOR 33
190	0.00 % 0.0007	0.00 % 0.0009	0.00 % 0.0009	0.00 % 0.0009	0.01 % 0.0010
191	0.08 % 0.0270	0.18 % 0.0376	0.19 % 0.0376	0.19 % 0.0367	0.21 % 0.0402
192	0.08 % 0.0271	0.18 % 0.0377	0.19 % 0.0378	0.19 % 0.0368	0.21 % 0.0404
193	0.11 % 0.0363	0.19 % 0.0403	0.23 % 0.0463	0.22 % 0.0431	0.28 % 0.0500
194	0.00 % 0.0016	0.01 % 0.0019	0.01 % 0.0022	0.01 % 0.0021	0.01 % 0.0026
195	0.03 % 0.0100	0.05 % 0.0115	0.07 % 0.0132	0.06 % 0.0123	0.08 % 0.0150
196	0.02 % 0.0060	0.03 % 0.0073	0.04 % 0.0084	0.04 % 0.0078	0.05 % 0.0099
197	0.03 % 0.0104	0.05 % 0.0115	0.07 % 0.0133	0.06 % 0.0124	0.08 % 0.0155
198	0.13 % 0.0456	0.24 % 0.0506	0.29 % 0.0582	0.28 % 0.0541	0.35 % 0.0679
199	0.13 % 0.0455	0.24 % 0.0506	0.29 % 0.0582	0.28 % 0.0541	0.35 % 0.0679
200	0.13 % 0.0455	0.24 % 0.0506	0.29 % 0.0581	0.28 % 0.0541	0.35 % 0.0678
201	0.00 % 0.0010	0.01 % 0.0015	0.01 % 0.0018	0.01 % 0.0016	0.01 % 0.0021
202	0.13 % 0.0455	0.24 % 0.0506	0.29 % 0.0581	0.28 % 0.0541	0.35 % 0.0678
203	0.05 % 0.0161	0.08 % 0.0179	0.10 % 0.0206	0.10 % 0.0191	0.12 % 0.0240
204	0.10 % 0.0360	0.19 % 0.0399	0.23 % 0.0459	0.22 % 0.0428	0.28 % 0.0536
205	0.00 % 0.0010	0.01 % 0.0015	0.01 % 0.0018	0.01 % 0.0016	0.01 % 0.0021
206	0.02 % 0.0066	0.03 % 0.0073	0.04 % 0.0084	0.04 % 0.0078	0.05 % 0.0098
207	0.02 % 0.0085	0.04 % 0.0094	0.05 % 0.0108	0.05 % 0.0101	0.07 % 0.0127
208	0.02 % 0.0085	0.04 % 0.0094	0.05 % 0.0108	0.05 % 0.0101	0.07 % 0.0126
209	0.02 % 0.0085	0.04 % 0.0094	0.05 % 0.0108	0.05 % 0.0101	0.07 % 0.0126
210	0.02 % 0.0085	0.04 % 0.0094	0.05 % 0.0108	0.05 % 0.0101	0.07 % 0.0126

PROJECTED ALL SOURCES - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL PARTICULATES

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 51	RECEPTOR 77	RECEPTOR 55	RECEPTOR 66	RECEPTOR 33
211	0.12 % 0.0000	0.39 % 0.0620	0.29 % 0.0589	0.31 % 0.0616	0.26 % 0.0510
212	0.00 % 0.0009	0.01 % 0.0010	0.01 % 0.0013	0.01 % 0.0010	0.01 % 0.0011
213	0.00 % 0.0016	0.01 % 0.0027	0.01 % 0.0020	0.01 % 0.0026	0.01 % 0.0020
214	0.03 % 0.0091	0.07 % 0.0147	0.07 % 0.0138	0.07 % 0.0140	0.06 % 0.0117
215	0.00 % 0.0001	0.00 % 0.0001	0.00 % 0.0001	0.00 % 0.0001	0.00 % 0.0001
216	0.19 % 0.0667	0.39 % 0.0823	0.51 % 0.1026	0.45 % 0.0887	0.58 % 0.1126
217	0.00 % 0.0005	0.00 % 0.0006	0.00 % 0.0006	0.00 % 0.0006	0.00 % 0.0006
218	0.00 % 0.0004	0.00 % 0.0004	0.00 % 0.0005	0.00 % 0.0004	0.00 % 0.0005
219	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0003	0.00 % 0.0003	0.00 % 0.0003
220	0.02 % 0.0071	0.03 % 0.0072	0.04 % 0.0082	0.04 % 0.0075	0.05 % 0.0090
221	0.02 % 0.0071	0.03 % 0.0072	0.04 % 0.0082	0.04 % 0.0075	0.05 % 0.0090
222	0.03 % 0.0090	0.04 % 0.0090	0.05 % 0.0109	0.05 % 0.0099	0.06 % 0.0121
223	0.03 % 0.0090	0.04 % 0.0090	0.05 % 0.0109	0.05 % 0.0099	0.06 % 0.0121
224	0.02 % 0.0071	0.03 % 0.0072	0.04 % 0.0082	0.04 % 0.0075	0.05 % 0.0090
225	0.04 % 0.0150	0.07 % 0.0157	0.09 % 0.0181	0.08 % 0.0165	0.10 % 0.0199
226	0.00 % 0.0000	0.06 % 0.0136	0.06 % 0.0123	0.06 % 0.0125	0.08 % 0.0150
227	0.00 % 0.0000	0.06 % 0.0135	0.06 % 0.0122	0.06 % 0.0124	0.08 % 0.0149
228	0.00 % 0.0000	0.09 % 0.0180	0.08 % 0.0165	0.08 % 0.0167	0.10 % 0.0199
229	0.07 % 0.0229	0.10 % 0.0221	0.13 % 0.0259	0.12 % 0.0242	0.14 % 0.0271
230	0.07 % 0.0229	0.10 % 0.0221	0.13 % 0.0259	0.12 % 0.0242	0.14 % 0.0271
231	0.07 % 0.0250	0.12 % 0.0246	0.14 % 0.0286	0.14 % 0.0248	0.16 % 0.0300

PROJECTED ALL SOURCES - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL PARTICULATES

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 51	RECEPTOR 77	RECEPTOR 55	RECEPTOR 66	RECEPTOR 33
232	0.13 % 0.0451	0.22 % 0.0458	0.27 % 0.0505	0.26 % 0.0507	0.29 % 0.0562
233	0.07 % 0.0239	0.11 % 0.0222	0.13 % 0.0266	0.13 % 0.0245	0.15 % 0.0288
234	0.07 % 0.0241	0.10 % 0.0208	0.14 % 0.0271	0.12 % 0.0241	0.16 % 0.0309
235	0.00 % 0.0007	0.00 % 0.0008	0.00 % 0.0009	0.00 % 0.0008	0.01 % 0.0010
236	0.00 % 0.0007	0.00 % 0.0008	0.00 % 0.0009	0.00 % 0.0008	0.01 % 0.0010
237	0.31 % 0.1056	0.61 % 0.1286	0.72 % 0.1435	0.70 % 0.1377	0.76 % 0.1468
238	0.31 % 0.1056	0.61 % 0.1286	0.72 % 0.1435	0.70 % 0.1377	0.76 % 0.1468
239	0.31 % 0.1056	0.61 % 0.1286	0.72 % 0.1435	0.70 % 0.1377	0.76 % 0.1468
240	0.00 % 0.0000	0.00 % 0.0005	0.00 % 0.0006	0.00 % 0.0005	0.00 % 0.0006
241	0.01 % 0.0025	0.01 % 0.0031	0.02 % 0.0031	0.02 % 0.0031	0.02 % 0.0032
242	0.01 % 0.0026	0.01 % 0.0031	0.02 % 0.0032	0.02 % 0.0032	0.02 % 0.0032
243	0.06 % 0.0192	0.07 % 0.0148	0.08 % 0.0163	0.08 % 0.0154	0.11 % 0.0210
244	0.03 % 0.0091	0.05 % 0.0109	0.06 % 0.0111	0.06 % 0.0110	0.06 % 0.0109
245	0.03 % 0.0102	0.07 % 0.0150	0.08 % 0.0159	0.08 % 0.0155	0.08 % 0.0146
246	0.02 % 0.0005	0.06 % 0.0124	0.07 % 0.0131	0.07 % 0.0128	0.06 % 0.0120
247	0.00 % 0.0004	0.00 % 0.0005	0.00 % 0.0005	0.00 % 0.0005	0.00 % 0.0006
248	0.00 % 0.0017	0.01 % 0.0020	0.01 % 0.0021	0.01 % 0.0021	0.01 % 0.0022
249	0.14 % 0.0471	0.36 % 0.0752	0.39 % 0.0773	0.39 % 0.0773	0.36 % 0.0701
250	0.01 % 0.0020	0.01 % 0.0020	0.01 % 0.0025	0.01 % 0.0027	0.01 % 0.0028
251	0.00 % 0.0004	0.00 % 0.0004	0.00 % 0.0005	0.00 % 0.0005	0.00 % 0.0005
252	0.00 % 0.0006	0.00 % 0.0008	0.00 % 0.0009	0.00 % 0.0008	0.00 % 0.0009

PROJECTED ALL SOURCES - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL PARTICULATES

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 51	RECEPTOR 77	RECEPTOR 55	RECEPTOR 64	RECEPTOR 33
253	0.01 % 0.0038	0.02 % 0.0050	0.03 % 0.0052	0.02 % 0.0049	0.03 % 0.0056
254	0.00 % 0.0009	0.01 % 0.0011	0.01 % 0.0011	0.01 % 0.0011	0.01 % 0.0011
255	0.00 % 0.0003	0.00 % 0.0000	0.00 % 0.0000	0.00 % 0.0000	0.00 % 0.0003
256	0.01 % 0.0030	0.02 % 0.0002	0.02 % 0.0002	0.02 % 0.0002	0.02 % 0.0002
257	0.06 % 0.0222	0.13 % 0.0260	0.13 % 0.0256	0.13 % 0.0260	0.13 % 0.0207
258	0.03 % 0.0087	0.05 % 0.0104	0.05 % 0.0101	0.05 % 0.0102	0.05 % 0.0098
259	0.07 % 0.0253	0.14 % 0.0300	0.15 % 0.0291	0.15 % 0.0296	0.15 % 0.0282
260	0.04 % 0.0146	0.08 % 0.0173	0.08 % 0.0168	0.09 % 0.0171	0.08 % 0.0162
261	0.02 % 0.0083	0.05 % 0.0095	0.04 % 0.0090	0.05 % 0.0093	0.04 % 0.0085
262	0.01 % 0.0038	0.02 % 0.0046	0.02 % 0.0044	0.02 % 0.0045	0.02 % 0.0043
263	0.01 % 0.0022	0.01 % 0.0027	0.01 % 0.0026	0.01 % 0.0026	0.01 % 0.0025
264	0.02 % 0.0085	0.05 % 0.0102	0.05 % 0.0099	0.05 % 0.0102	0.06 % 0.0108
265	0.01 % 0.0033	0.02 % 0.0041	0.02 % 0.0040	0.02 % 0.0043	0.02 % 0.0045
266	0.02 % 0.0056	0.04 % 0.0070	0.04 % 0.0083	0.04 % 0.0080	0.04 % 0.0083
267	0.00 % 0.0010	0.01 % 0.0017	0.01 % 0.0019	0.01 % 0.0017	0.01 % 0.0023
268	0.00 % 0.0010	0.01 % 0.0017	0.01 % 0.0019	0.01 % 0.0017	0.01 % 0.0023
269	0.04 % 0.0123	0.07 % 0.0149	0.08 % 0.0152	0.08 % 0.0151	0.08 % 0.0148
270	0.00 % 0.0002	0.00 % 0.0003	0.00 % 0.0003	0.00 % 0.0003	0.00 % 0.0003
271	0.00 % 0.0000	0.00 % 0.0005	0.00 % 0.0005	0.00 % 0.0005	0.00 % 0.0005
272	74.16 % 25.9193	0.95 % 0.2000	2.33 % 0.0668	1.57 % 0.3086	2.12 % 0.0089
273	0.00 % 0.0003	0.00 % 0.0003	0.00 % 0.0003	0.00 % 0.0003	0.00 % 0.0003

PROJECTED ALL SOURCES - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL PARTICULATES

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 51	RECEPTOR 77	RECEPTOR 55	RECEPTOR 66	RECEPTOR 33
274	0.00 % 0.0003	0.00 % 0.0003	0.00 % 0.0003	0.00 % 0.0003	0.00 % 0.0003
275	0.04 % 0.0120	0.07 % 0.0146	0.07 % 0.0149	0.08 % 0.0148	0.08 % 0.0145
276	0.04 % 0.0120	0.07 % 0.0146	0.07 % 0.0149	0.08 % 0.0149	0.08 % 0.0145
277	0.02 % 0.0071	0.03 % 0.0055	0.03 % 0.0052	0.03 % 0.0052	0.02 % 0.0047
278	0.02 % 0.0067	0.02 % 0.0052	0.02 % 0.0049	0.03 % 0.0050	0.02 % 0.0045
279	0.09 % 0.0303	0.11 % 0.0232	0.11 % 0.0226	0.12 % 0.0227	0.11 % 0.0209
280	0.13 % 0.0453	0.16 % 0.0347	0.17 % 0.0338	0.17 % 0.0339	0.16 % 0.0313
281	0.07 % 0.0247	0.13 % 0.0266	0.16 % 0.0322	0.15 % 0.0295	0.18 % 0.0352
282	0.00 % 0.0007	0.00 % 0.0008	0.00 % 0.0009	0.00 % 0.0009	0.01 % 0.0010
283	0.00 % 0.0011	0.01 % 0.0010	0.01 % 0.0010	0.01 % 0.0010	0.01 % 0.0012
284	0.00 % 0.0006	0.00 % 0.0007	0.00 % 0.0007	0.00 % 0.0007	0.00 % 0.0007
285	0.07 % 0.0252	0.16 % 0.0338	0.16 % 0.0330	0.17 % 0.0338	0.16 % 0.0302
286	0.07 % 0.0251	0.16 % 0.0338	0.16 % 0.0330	0.17 % 0.0338	0.16 % 0.0302
287	0.07 % 0.0251	0.16 % 0.0338	0.16 % 0.0329	0.17 % 0.0338	0.16 % 0.0301
288	0.01 % 0.0044	0.03 % 0.0058	0.03 % 0.0056	0.03 % 0.0058	0.03 % 0.0053
289	0.00 % 0.0012	0.01 % 0.0019	0.01 % 0.0020	0.01 % 0.0019	0.01 % 0.0018
290	0.01 % 0.0020	0.02 % 0.0032	0.02 % 0.0033	0.02 % 0.0032	0.02 % 0.0029
291	0.02 % 0.0070	0.04 % 0.0085	0.04 % 0.0085	0.04 % 0.0085	0.04 % 0.0080
292	0.00 % 0.0006	0.00 % 0.0007	0.00 % 0.0007	0.00 % 0.0007	0.00 % 0.0007
293	0.01 % 0.0018	0.01 % 0.0025	0.01 % 0.0023	0.01 % 0.0024	0.01 % 0.0022
294	0.00 % 0.0004	0.00 % 0.0005	0.00 % 0.0005	0.00 % 0.0005	0.00 % 0.0005

PROJECTED ALL SOURCES - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL PARTICULATES

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 51	RECEPTOR 77	RECEPTOR 55	RECEPTOR 66	RECEPTOR 33
295	0.00 % 0.0007	0.00 % 0.0009	0.00 % 0.0009	0.00 % 0.0009	0.00 % 0.0008
296	0.00 % 0.0012	0.01 % 0.0015	0.01 % 0.0016	0.01 % 0.0016	0.01 % 0.0016
297	0.00 % 0.0008	0.00 % 0.0007	0.00 % 0.0009	0.00 % 0.0008	0.01 % 0.0011
298	0.00 % 0.0005	0.00 % 0.0006	0.00 % 0.0006	0.00 % 0.0006	0.00 % 0.0006
299	0.01 % 0.0021	0.01 % 0.0025	0.01 % 0.0025	0.01 % 0.0026	0.01 % 0.0025
300	0.00 % 0.0008	0.01 % 0.0012	0.01 % 0.0012	0.01 % 0.0011	0.01 % 0.0012
301	0.00 % 0.0003	0.00 % 0.0004	0.00 % 0.0004	0.00 % 0.0004	0.00 % 0.0004
302	0.00 % 0.0016	0.01 % 0.0018	0.01 % 0.0019	0.01 % 0.0019	0.01 % 0.0019
303	0.00 % 0.0003	0.00 % 0.0004	0.00 % 0.0004	0.00 % 0.0004	0.00 % 0.0004
304	0.03 % 0.0091	0.06 % 0.0134	0.07 % 0.0102	0.07 % 0.0101	0.06 % 0.0128
305	0.11 % 0.0361	0.25 % 0.0529	0.28 % 0.0562	0.28 % 0.0507	0.27 % 0.0516
306	0.02 % 0.0052	0.03 % 0.0067	0.03 % 0.0064	0.03 % 0.0064	0.03 % 0.0062
307	0.11 % 0.0361	0.25 % 0.0529	0.28 % 0.0562	0.28 % 0.0507	0.27 % 0.0516
308	0.00 % 0.0012	0.01 % 0.0013	0.01 % 0.0014	0.01 % 0.0013	0.01 % 0.0014
309	0.00 % 0.0004	0.00 % 0.0004	0.00 % 0.0005	0.00 % 0.0004	0.00 % 0.0005
310	0.00 % 0.0007	0.00 % 0.0007	0.00 % 0.0008	0.00 % 0.0007	0.00 % 0.0008
311	0.00 % 0.0005	0.00 % 0.0006	0.00 % 0.0006	0.00 % 0.0006	0.00 % 0.0006
312	0.02 % 0.0076	0.05 % 0.0095	0.05 % 0.0102	0.05 % 0.0100	0.05 % 0.0105
313	0.07 % 0.0206	0.13 % 0.0268	0.16 % 0.0318	0.15 % 0.0286	0.19 % 0.0350
314	0.00 % 0.0013	0.01 % 0.0015	0.01 % 0.0017	0.01 % 0.0016	0.01 % 0.0018
315	0.01 % 0.0030	0.02 % 0.0046	0.02 % 0.0047	0.02 % 0.0047	0.02 % 0.0048

PROJECTED ALL SOURCES - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL PARTICULATES

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 51	RECEPTOR 77	RECEPTOR 55	RECEPTOR 66	RECEPTOR 33
316	0.01 % 0.0023	0.01 % 0.0027	0.02 % 0.0030	0.01 % 0.0029	0.02 % 0.0031
317	0.02 % 0.0060	0.04 % 0.0080	0.04 % 0.0077	0.04 % 0.0079	0.04 % 0.0072
318	0.02 % 0.0082	0.05 % 0.0110	0.05 % 0.0106	0.06 % 0.0109	0.05 % 0.0100
319	0.00 % 0.0002	0.00 % 0.0003	0.00 % 0.0003	0.00 % 0.0003	0.00 % 0.0003
320	0.67 % 0.2281	0.24 % 0.0501	0.30 % 0.0593	0.30 % 0.0583	0.27 % 0.0518
321	0.00 % 0.0013	0.01 % 0.0017	0.01 % 0.0017	0.01 % 0.0017	0.01 % 0.0015
322	0.21 % 0.0720	0.57 % 0.1192	0.60 % 0.1190	0.63 % 0.1227	0.54 % 0.1041
323	0.05 % 0.0163	0.08 % 0.0170	0.10 % 0.0205	0.09 % 0.0180	0.12 % 0.0228
324	0.00 % 0.0017	0.01 % 0.0019	0.01 % 0.0023	0.01 % 0.0020	0.01 % 0.0026
325	0.00 % 0.0003	0.00 % 0.0000	0.00 % 0.0000	0.00 % 0.0000	0.00 % 0.0000
326	0.02 % 0.0070	0.04 % 0.0091	0.05 % 0.0094	0.05 % 0.0092	0.05 % 0.0090
327	0.19 % 0.0663	0.23 % 0.0086	0.25 % 0.0506	0.25 % 0.0090	0.36 % 0.0699
328	0.05 % 0.0186	0.10 % 0.0209	0.11 % 0.0212	0.11 % 0.0211	0.11 % 0.0211
329	0.00 % 0.0005	0.00 % 0.0005	0.00 % 0.0005	0.00 % 0.0005	0.00 % 0.0005
330	0.00 % 0.0003	0.00 % 0.0003	0.00 % 0.0004	0.00 % 0.0003	0.00 % 0.0005
331	0.24 % 0.0830	0.80 % 0.1684	0.77 % 0.1508	0.87 % 0.1713	0.84 % 0.1611
332	0.24 % 0.0830	0.80 % 0.1684	0.77 % 0.1508	0.87 % 0.1713	0.84 % 0.1611
333	0.24 % 0.0823	0.30 % 0.0627	0.31 % 0.0623	0.32 % 0.0625	0.32 % 0.0615
334	0.46 % 0.1568	0.59 % 0.1244	0.61 % 0.1228	0.63 % 0.1237	0.63 % 0.1207
335	0.57 % 0.1939	0.73 % 0.1539	0.76 % 0.1520	0.78 % 0.1531	0.78 % 0.1493
336	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0

PROJECTED ALL SOURCES - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL PARTICULATES

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 51	RECEPTOR 77	RECEPTOR 55	RECEPTOR 66	RECEPTOR 33
337	0.00 % 0.0000	0.03 % 0.0061	0.03 % 0.0050	0.03 % 0.0057	0.04 % 0.0068
BACK-GROUND	0.0 % 0	0.0 % 0	0.0 % 0	0.0 % 0	0.0 % 0
TOTAL	100.0 % 30.2909	100.2 % 21.1068	100.2 % 20.0890	100.2 % 19.6393	100.2 % 19.2850

EPA PROJECTED

EPA INCREMENT CONSUMING - SO2 & TSP

SOURCE DATA

SOURCE NUMBER	SOURCE LOCATION (KILOMETERS) HORIZONTAL	VERTICAL	SOURCE AREA SQUARE KILOMETERS	ANNUAL SOURCE EMISSION RATE (TONS/DAY) SO2	PART	STACK DATA HT (M)	DIAM (M)	VEL (M/SEC)	TEMP (DEG.K)	
1	344.8	3044.8	0.0	0.0	0.006	9.1	4.8	0.0	298.	RINKERMAT
2	344.8	3044.8	0.0	0.0	0.118	18.9	1.5	0.0	298.	RINKER MAT
3	346.8	3041.1	0.0	0.0	0.187	26.5	1.0	22.3	333.	7-13 TROPICANA
4	346.8	3040.9	0.0	0.0	0.247	31.4	1.9	2.9	478.	7-14 TROPICANA
5	342.0	3044.1	0.0	0.307	0.0	16.8	1.2	12.9	350.	26-1 NORD SOUTHE
6	346.4	3057.4	0.0	0.0	0.458	7.6	0.1	10.3	305.	28-1 DOLIME MINE
7	346.4	3057.4	0.0	0.369	0.0	6.1	0.9	5.0	303.	28-2 DOLIME MINE
8	348.3	3033.4	0.0	0.009	0.0	7.6	0.4	2.7	478.	30-5 CUTLER-HAMM
9	347.0	3038.4	0.0	0.0	0.005	1.8	2.9	18.3	298.	31-1 MILLER TRAI
10	346.6	3057.7	0.0	0.548	0.048	30.5	0.9	6.5	561.	MANENERGY
11	346.6	3057.7	0.0	0.120	0.011	19.5	0.6	8.1	561.	MANENERGY
12	387.5	3042.3	0.0	0.018	0.005	7.6	0.4	5.5	478.	BEKER PHOSP
13	332.5	3088.5	0.0	0.0	0.029	13.7	0.1	29.8	298.	108-1 MAROLF INC
14	332.1	3096.1	0.0	0.0	0.006	9.8	1.0	4.2	561.	68-1 GULF MACH
15	325.0	3078.0	0.0	0.0	0.015	38.1	1.5	2.9	450.	71-1 VA ADMIN
16	326.2	3086.9	0.0	0.0	0.099	9.1	1.8	7.4	341.	26-1 AT MOOREFL
17	328.0	3116.5	0.0	0.0	0.003	5.5	0.3	28.2	305.	SANITARY D
18	325.6	3116.7	0.0	0.0	0.000	15.2	0.5	18.6	298.	STAUFFER
19	325.6	3116.7	0.0	0.0	0.052	15.2	0.8	22.2	298.	STAUFFER
20	343.7	3118.5	0.0	0.002	0.0	6.1	0.5	4.3	533.	20-1 NATION PAPA
21	334.2	3141.9	0.0	0.0	0.141	18.3	0.1	29.8	298.	23-1 PINELLAS CO
22	334.2	3141.9	0.0	0.0	0.141	18.3	0.1	29.8	298.	23-2 PINELLAS CO
23	337.3	3141.1	0.0	0.0	0.110	21.3	0.1	29.8	299.	8-2 FLA MINING
24	337.3	3141.1	0.0	0.0	0.110	21.3	0.1	29.8	299.	8-1 FLA MINING
25	383.3	3135.8	0.0	0.798	0.129	25.9	1.0	17.3	346.	EVANS PACK
26	383.3	3135.8	0.0	0.0	0.140	25.9	1.0	17.3	346.	EVANS PACK
27	383.3	3135.8	0.0	0.798	0.134	25.9	1.0	17.3	346.	EVANS PACK
28	334.2	3138.5	0.0	0.0	0.094	17.4	0.1	29.8	298.	CEMEN PROD
29	372.3	3135.6	0.0	0.0	0.012	10.1	0.3	13.2	500.	BLOMMEL
30	385.3	3140.6	0.0	0.0	0.063	18.3	0.1	29.8	298.	INTERSPACE
31	383.1	3140.1	0.0	0.0	0.004	18.3	0.1	29.3	298.	24-2 EWELL INDUS
32	383.1	3140.1	0.0	0.0	0.004	18.3	0.1	23.3	298.	24-1 EWELL INDUS
33	320.4	3118.7	0.0	68.952	6.268	152.4	7.3	32.9	422.	17-2 FPC ANCLOTE
34	361.8	3088.3	0.0	1.239	0.046	30.2	0.6	22.9	398.	CHLORIDE MET50-1
35	361.8	3088.3	0.0	0.0	0.106	12.2	0.5	15.8	325.	CHLORIDE MET50-2
36	363.0	3098.1	0.0	0.003	0.051	11.6	1.1	23.0	378.	VERLITE 136-1
37	361.8	3088.3	0.0	0.0	0.106	12.2	0.5	15.6	325.	CHLORIDE MET
38	357.6	3105.0	0.0	0.0	0.009	5.2	0.3	50.7	298.	ROBBINS MFG
39	357.6	3105.0	0.0	0.0	0.003	12.5	0.3	27.9	298.	ROBBINS MFG
40	357.6	3105.0	0.0	0.0	0.005	13.4	0.3	32.3	298.	ROBBINS MFG
41	357.6	3105.0	0.0	0.0	0.004	12.5	0.3	34.4	298.	ROBBINS MFG
42	360.3	3093.2	0.0	0.0	0.033	9.3	0.1	15.5	589.	RALSTON PUR 19-4
43	357.8	3091.7	0.0	0.0	0.103	18.3	1.4	0.4	294.	IND STEVE
44	359.4	3092.2	0.0	0.025	0.009	11.6	0.6	7.8	1018.	SCRAP-ALL
45	362.2	3090.0	0.0	0.0	0.021	16.8	0.3	1.9	298.	FL ROCK IND 110
46	359.4	3093.2	0.0	0.0	0.010	9.4	0.6	8.8	298.	SCRAP ALL
47	364.7	3093.7	0.0	0.0	0.026	10.6	0.7	11.9	298.	HELENA CHEM
48	364.7	3093.7	0.0	0.0	0.036	5.7	0.5	9.3	298.	HELENA CHEM
49	363.7	3093.5	0.0	0.0	0.001	24.4	0.5	0.9	298.	CARNS PIPE
50	362.2	3074.8	0.0	0.0	0.116	9.1	1.8	23.6	311.	MIN AGG
51	363.9	3093.8	0.0	0.978	0.010	29.6	0.6	29.1	344.	I.LGULF LOAST
52	362.4	3087.0	0.0	0.0	0.318	12.2	1.2	14.1	322.	GAF CORP

53	358.0	3090.6	0.0	7.709	0.793	36.0	2.7	17.7	505.	G P 4 KILN
54	358.0	3090.6	0.0	0.982	0.060	36.0	2.7	8.8	454.	G P 8 KILN
55	389.6	3099.7	0.0	0.008	0.002	6.1	0.7	0.8	505.	SUGAR ROSE
56	361.7	3093.3	0.0	0.0	0.030	4.6	0.2	16.6	309.	SUPERIOR
57	354.0	3062.1	0.0	0.007	0.893	7.6	0.5	22.7	436.	SPEEDLING 171-
58	364.5	3110.6	0.0	0.0	0.164	16.6	0.3	9.1	298.	CITY TAMPA
59	364.5	3110.6	0.0	0.0	0.004	12.4	0.3	5.5	298.	CITY TAMPA
60	358.0	3090.0	0.0	0.005	0.002	7.6	0.8	0.6	533.	ROYSTER 3-1
61	362.9	3084.6	0.0	0.0	0.165	9.1	0.6	0.5	298.	SI LIME
62	362.9	3084.6	0.0	0.0	0.165	9.1	0.6	0.5	298.	SI LIME
63	394.7	3069.6	0.0	0.0	0.514	30.5	1.8	8.1	339.	BORDEN 102-1
64	394.7	3069.6	0.0	0.0	0.506	7.0	0.7	10.7	300.	BORDEN 102-2
65	394.7	3069.6	0.0	0.0	0.626	9.1	0.7	10.7	300.	BORDEN 102-3
66	369.0	3105.7	0.0	0.069	0.0	53.9	0.4	7.6	422.	UNIV HOSP 36-2
67	361.0	3076.2	0.0	0.0	0.364	8.8	0.4	23.0	304.	AGRICO 94-01
68	361.6	3075.0	0.0	199.391	4.804	149.3	7.3	28.6	422.	TECO-BIGB 39-01
69	361.6	3075.0	0.0	197.368	4.795	149.3	7.3	28.6	422.	TECO-BIGB 39-02
70	361.6	3075.0	0.0	203.243	4.938	149.3	7.3	34.3	370.	TECO-BIGB 39-03
71	361.6	3075.0	0.0	67.565	1.689	149.3	7.3	34.3	370.	BIG BEND UNIT 4

EPA INCREMENT CONSUMING - SO2 & TSP

METEOROLOGICAL INPUT DATA FOR THE ANNUAL SEASON

MIXING DEPTH = 1394. METERS
AMBIENT TEMPERATURE = 292. DEGREES,KELVIN
AMBIENT PRESSURE = 1017. MILLIBARS

STABILITY CLASS 1

	WINDSPEED CLASS					
WIND DIRECTION	1	2	3	4	5	6
N	0.0000	0.0002	0.0	0.0	0.0	0.0
NNE	0.0000	0.0002	0.0	0.0	0.0	0.0
NE	0.0000	0.0002	0.0	0.0	0.0	0.0
ENE	0.0000	0.0001	0.0	0.0	0.0	0.0
E	0.0001	0.0003	0.0	0.0	0.0	0.0
ESE	0.0001	0.0002	0.0	0.0	0.0	0.0
SE	0.0000	0.0002	0.0	0.0	0.0	0.0
SSE	0.0001	0.0002	0.0	0.0	0.0	0.0
S	0.0001	0.0002	0.0	0.0	0.0	0.0
SSW	0.0000	0.0002	0.0	0.0	0.0	0.0
SW	0.0001	0.0004	0.0	0.0	0.0	0.0
WSW	0.0001	0.0003	0.0	0.0	0.0	0.0
W	0.0001	0.0003	0.0	0.0	0.0	0.0
WNW	0.0001	0.0002	0.0	0.0	0.0	0.0
NW	0.0000	0.0000	0.0	0.0	0.0	0.0
NNW	0.0000	0.0001	0.0	0.0	0.0	0.0

EPA INCREMENT CONSUMING - SO2 & TSP

METEOROLOGICAL INPUT DATA FOR THE ANNUAL SEASON

STABILITY CLASS 2

WIND DIRECTION	WINDSPEED CLASS 1	2	3	4	5	6
N	0.0005	0.0013	0.0009	0.0	0.0	0.0
NNE	0.0004	0.0013	0.0008	0.0	0.0	0.0
NE	0.0004	0.0012	0.0009	0.0	0.0	0.0
ENE	0.0005	0.0013	0.0014	0.0	0.0	0.0
E	0.0008	0.0029	0.0027	0.0	0.0	0.0
ESE	0.0007	0.0019	0.0011	0.0	0.0	0.0
SE	0.0005	0.0012	0.0018	0.0	0.0	0.0
SSE	0.0003	0.0018	0.0018	0.0	0.0	0.0
S	0.0005	0.0016	0.0019	0.0	0.0	0.0
SSW	0.0003	0.0013	0.0018	0.0	0.0	0.0
SW	0.0003	0.0017	0.0026	0.0	0.0	0.0
WSW	0.0002	0.0018	0.0039	0.0	0.0	0.0
W	0.0005	0.0030	0.0061	0.0	0.0	0.0
WNW	0.0002	0.0008	0.0008	0.0	0.0	0.0
NW	0.0002	0.0005	0.0003	0.0	0.0	0.0
NNW	0.0003	0.0006	0.0005	0.0	0.0	0.0

EPA INCREMENT CONSUMING - SO2 & TSP

METEOROLOGICAL INPUT DATA FOR THE ANNUAL SEASON

STABILITY CLASS 3

WIND DIRECTION	WINDSPEED CLASS 1	2	3	4	5	6
N	0.0002	0.0010	0.0034	0.0005	0.0	0.0
NNE	0.0001	0.0011	0.0041	0.0005	0.0	0.0
NE	0.0001	0.0016	0.0054	0.0008	0.0	0.0
ENE	0.0004	0.0029	0.0085	0.0011	0.0	0.0
E	0.0006	0.0057	0.0117	0.0017	0.0000	0.0
ESE	0.0002	0.0029	0.0065	0.0010	0.0000	0.0
SE	0.0003	0.0022	0.0072	0.0013	0.0	0.0
SSE	0.0003	0.0022	0.0069	0.0009	0.0	0.0
S	0.0002	0.0020	0.0053	0.0013	0.0	0.0000
SSW	0.0002	0.0010	0.0058	0.0018	0.0000	0.0
SW	0.0001	0.0015	0.0052	0.0010	0.0	0.0
WSW	0.0001	0.0017	0.0076	0.0013	0.0000	0.0
W	0.0002	0.0021	0.0159	0.0064	0.0003	0.0
WNW	0.0001	0.0007	0.0029	0.0012	0.0000	0.0000
NW	0.0000	0.0005	0.0018	0.0006	0.0000	0.0
NNW	0.0001	0.0008	0.0019	0.0006	0.0001	0.0000

EPA INCREMENT CONSUMING - SO2 & TSP

METEOROLOGICAL INPUT DATA FOR THE ANNUAL SEASON

STABILITY CLASS 4

WIND DIRECTION	WINDSPEED CLASS 1	2	3	4	5	6
N	0.0005	0.0026	0.0103	0.0081	0.0005	0.0
NNE	0.0004	0.0032	0.0079	0.0068	0.0002	0.0000
NE	0.0005	0.0032	0.0105	0.0105	0.0004	0.0000
ENE	0.0006	0.0045	0.0138	0.0098	0.0003	0.0
E	0.0010	0.0077	0.0235	0.0168	0.0005	0.0000
ESE	0.0005	0.0035	0.0134	0.0073	0.0002	0.0
SE	0.0004	0.0031	0.0101	0.0075	0.0001	0.0000
SSE	0.0003	0.0029	0.0102	0.0076	0.0003	0.0000
S	0.0007	0.0036	0.0118	0.0102	0.0007	0.0001
SSW	0.0003	0.0019	0.0076	0.0084	0.0007	0.0000
SW	0.0002	0.0015	0.0045	0.0034	0.0001	0.0000
WSW	0.0003	0.0018	0.0065	0.0047	0.0002	0.0
W	0.0002	0.0026	0.0164	0.0211	0.0006	0.0001
WNW	0.0004	0.0011	0.0060	0.0091	0.0011	0.0004
NW	0.0003	0.0017	0.0061	0.0095	0.0011	0.0003
NNW	0.0002	0.0015	0.0066	0.0094	0.0013	0.0001

EPA INCREMENT CONSUMING - SO2 & TSP

METEOROLOGICAL INPUT DATA FOR THE ANNUAL SEASON

STABILITY CLASS 5

WIND DIRECTION	WINDSPEED CLASS 1	2	3	4	5	6
N	0.0043	0.0127	0.0067	0.0	0.0	0.0
NNE	0.0047	0.0119	0.0050	0.0	0.0	0.0
NE	0.0063	0.0181	0.0078	0.0	0.0	0.0
ENE	0.0112	0.0337	0.0094	0.0	0.0	0.0
E	0.0158	0.0487	0.0135	0.0	0.0	0.0
ESE	0.0094	0.0225	0.0068	0.0	0.0	0.0
SE	0.0055	0.0129	0.0052	0.0	0.0	0.0
SSE	0.0039	0.0125	0.0034	0.0	0.0	0.0
S	0.0037	0.0107	0.0029	0.0	0.0	0.0
SSW	0.0015	0.0045	0.0018	0.0	0.0	0.0
SW	0.0015	0.0060	0.0013	0.0	0.0	0.0
WSW	0.0018	0.0052	0.0020	0.0	0.0	0.0
W	0.0028	0.0068	0.0049	0.0	0.0	0.0
WNW	0.0026	0.0069	0.0035	0.0	0.0	0.0
NW	0.0041	0.0132	0.0049	0.0	0.0	0.0
NNW	0.0038	0.0102	0.0042	0.0	0.0	0.0

EPA INCREMENT CONSUMING - SO2 & TSP

INPUT REGRESSION PARAMETERS ARE:

POLLUTANT	Y-INTERCEPT	SLOPE
SO2	0.0	1.0000
PARTICULATES	0.0	1.0000

EPA INCREMENT CONSUMING - SO2 & TSP

RECEPTOR CONCENTRATION DATA

RECEPTOR NUMBER	RECEPTOR LOCATION (KILOMETERS) EAST	NORTH	EXPECTED ARITHMETIC MEAN (MICROGRAMS/CU. METER) SO2	PARTICULATES
1	357.0	3070.0	3	1
2	357.0	3071.0	3	1
3	357.0	3072.0	3	2
4	357.0	3073.0	3	2
5	357.0	3074.0	3	2
6	357.0	3075.0	4	2
7	357.0	3076.0	3	3
8	357.0	3077.0	3	2
9	357.0	3078.0	3	2
10	357.0	3079.0	4	2
11	357.0	3080.0	4	2
12	358.0	3070.0	3	1
13	358.0	3071.0	2	1
14	358.0	3072.0	2	2
15	358.0	3073.0	2	2
16	358.0	3074.0	2	2
17	358.0	3075.0	3	3
18	358.0	3076.0	2	3
19	358.0	3077.0	2	3
20	358.0	3078.0	3	2
21	358.0	3079.0	4	2
22	358.0	3080.0	4	2
23	359.0	3070.0	2	1
24	359.0	3071.0	2	1
25	359.0	3072.0	2	2
26	359.0	3073.0	1	2
27	359.0	3074.0	1	2
28	359.0	3075.0	2	3
29	359.0	3076.0	1	5
30	359.0	3077.0	2	3
31	359.0	3078.0	3	2
32	359.0	3079.0	3	2
33	359.0	3080.0	4	2
34	360.0	3070.0	2	1
35	360.0	3071.0	2	1
36	360.0	3072.0	1	2
37	360.0	3073.0	1	2
38	360.0	3074.0	1	2
39	360.0	3075.0	1	4
40	360.0	3076.0	1	12

EPA INCREMENT CONSUMING - SO2 & TSP

RECEPTOR CONCENTRATION DATA

RECEPTOR NUMBER	RECEPTOR LOCATION (KILOMETERS) EAST	RECEPTOR LOCATION (KILOMETERS) NORTH	EXPECTED ARITHMETIC MEAN (MICROGRAMS/CU. METER) SO2	EXPECTED ARITHMETIC MEAN (MICROGRAMS/CU. METER) PARTICULATES
41	300.0	3077.0	1.	5.
42	300.0	3078.0	2.	2.
43	300.0	3079.0	3.	2.
44	300.0	3080.0	4.	2.
45	301.0	3070.0	2.	1.
46	301.0	3071.0	2.	1.
47	301.0	3072.0	1.	2.
48	301.0	3073.0	1.	2.
49	301.0	3074.0	1.	3.
50	301.0	3075.0	1.	5.
51	301.0	3076.0	1.	27.
52	301.0	3077.0	1.	7.
53	301.0	3078.0	2.	3.
54	301.0	3079.0	3.	2.
55	301.0	3080.0	3.	2.
56	302.0	3070.0	2.	1.
57	302.0	3071.0	2.	1.
58	302.0	3072.0	1.	2.
59	302.0	3073.0	1.	2.
60	302.0	3074.0	1.	2.
61	302.0	3075.0	1.	3.
62	302.0	3076.0	1.	5.
63	302.0	3077.0	1.	3.
64	302.0	3078.0	2.	2.
65	302.0	3079.0	3.	2.
66	302.0	3080.0	3.	2.
67	303.0	3070.0	2.	1.
68	303.0	3071.0	1.	1.
69	303.0	3072.0	1.	1.
70	303.0	3073.0	1.	2.
71	303.0	3074.0	1.	2.
72	303.0	3075.0	1.	2.
73	303.0	3076.0	1.	2.
74	303.0	3077.0	1.	2.
75	303.0	3078.0	2.	2.
76	303.0	3079.0	3.	1.
77	303.0	3080.0	3.	2.
78	304.0	3070.0	2.	1.
79	304.0	3071.0	1.	1.
80	304.0	3072.0	1.	1.

EPA INCREMENT CONSUMING - SO2 & TSP

RECEPTOR CONCENTRATION DATA

RECEPTOR NUMBER	RECEPTOR LOCATION (KILOMETERS) HORIZ	VERT	EXPECTED ARITHMETIC MEAN (MICROGRAMS/CU. METER) SO2	PARTICULATES
81	364.0	3073.0	1.	2.
82	364.0	3074.0	1.	2.
83	364.0	3075.0	2.	2.
84	364.0	3076.0	2.	2.
85	364.0	3077.0	2.	2.
86	364.0	3078.0	3.	1.
87	364.0	3079.0	3.	1.
88	364.0	3080.0	4.	1.
89	365.0	3070.0	2.	1.
90	365.0	3071.0	1.	1.
91	365.0	3072.0	1.	1.
92	365.0	3073.0	1.	1.
93	365.0	3074.0	2.	1.
94	365.0	3075.0	5.	2.
95	365.0	3076.0	4.	2.
96	365.0	3077.0	3.	1.
97	365.0	3078.0	3.	1.
98	365.0	3079.0	4.	1.
99	365.0	3080.0	4.	1.
100	366.0	3070.0	2.	1.
101	366.0	3071.0	1.	1.
102	366.0	3072.0	2.	1.
103	366.0	3073.0	2.	1.
104	366.0	3074.0	4.	1.
105	366.0	3075.0	7.	2.
106	366.0	3076.0	6.	1.
107	366.0	3077.0	4.	1.
108	366.0	3078.0	4.	1.
109	366.0	3079.0	4.	1.
110	366.0	3080.0	4.	1.
111	367.0	3070.0	2.	1.
112	367.0	3071.0	2.	1.
113	367.0	3072.0	2.	1.
114	367.0	3073.0	3.	1.
115	367.0	3074.0	6.	1.
116	367.0	3075.0	9.	1.
117	367.0	3076.0	7.	1.
118	367.0	3077.0	5.	1.
119	367.0	3078.0	5.	1.
120	367.0	3079.0	5.	

EPA INCREMENT CONSUMING - SO2 & TSP

RECEPTOR CONCENTRATION DATA				
RECEPTOR NUMBER	RECEPTOR LOCATION (KILOMETERS) HORIZ	VERT	EXPECTED ARITHMETIC MEAN (MICROGRAMS/CU. METER) SO2	PARTICULATES
121	367.0	3080.0	0.	1.

EPA INCREMENT CONSUMING - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL SO2

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 116	RECEPTOR 105	RECEPTOR 117	RECEPTOR 115	RECEPTOR 104
1	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
2	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
3	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
4	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
5	0.08 % 0.0075	0.19 % 0.0077	0.11 % 0.0070	0.13 % 0.0076	0.14 % 0.0076
6	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
7	0.25 % 0.0222	0.30 % 0.0220	0.30 % 0.0212	0.40 % 0.0232	0.39 % 0.0213
8	0.00 % 0.0003	0.00 % 0.0003	0.00 % 0.0003	0.01 % 0.0003	0.01 % 0.0003
9	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
10	0.23 % 0.0207	0.28 % 0.0210	0.28 % 0.0198	0.38 % 0.0215	0.36 % 0.0200
11	0.05 % 0.0006	0.06 % 0.0006	0.06 % 0.0004	0.08 % 0.0007	0.08 % 0.0008
12	0.02 % 0.0019	0.02 % 0.0019	0.03 % 0.0018	0.03 % 0.0019	0.03 % 0.0018
13	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
14	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
15	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
16	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
17	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
18	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
19	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
20	0.00 % 0.0001	0.00 % 0.0001	0.00 % 0.0001	0.00 % 0.0001	0.00 % 0.0001
21	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0

EPA INCREMENT CONSUMING - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL SO2

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 116	RECEPTOR 105	RECEPTOR 117	RECEPTOR 115	RECEPTOR 106
22	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
23	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
24	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
25	0.28 % 0.0255	0.34 % 0.0251	0.37 % 0.0250	0.44 % 0.0251	0.46 % 0.0255
26	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
27	0.28 % 0.0255	0.34 % 0.0251	0.37 % 0.0258	0.44 % 0.0251	0.46 % 0.0255
28	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
29	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
30	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
31	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
32	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
33	0.58 % 0.0525	0.70 % 0.0523	0.78 % 0.0504	0.90 % 0.0518	0.96 % 0.0530
34	1.72 % 0.1552	2.37 % 0.1760	2.47 % 0.1719	2.62 % 0.1503	3.35 % 0.1808
35	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
36	0.00 % 0.0003	0.00 % 0.0003	0.00 % 0.0003	0.00 % 0.0003	0.01 % 0.0003
37	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
38	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
39	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
40	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
41	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
42	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0

EPA INCREMENT CONSUMING - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL SO2

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 114	RECEPTOR 105	RECEPTOR 117	RECEPTOR 115	RECEPTOR 106
43	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
44	0.03 % 0.0023	0.03 % 0.0020	0.04 % 0.0025	0.04 % 0.0023	0.05 % 0.0026
45	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
46	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
47	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
48	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
49	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
50	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
51	1.24 % 0.1115	1.55 % 0.1150	1.69 % 0.1137	1.85 % 0.1059	2.22 % 0.1223
52	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
53	1.28 % 0.1157	1.59 % 0.1180	1.75 % 0.1219	1.91 % 0.1095	2.27 % 0.1253
54	0.21 % 0.0190	0.26 % 0.0195	0.29 % 0.0203	0.31 % 0.0178	0.38 % 0.0210
55	0.01 % 0.0012	0.02 % 0.0012	0.02 % 0.0013	0.02 % 0.0012	0.02 % 0.0013
56	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
57	0.03 % 0.0027	0.04 % 0.0028	0.04 % 0.0026	0.05 % 0.0028	0.05 % 0.0027
58	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
59	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
60	0.01 % 0.0006	0.01 % 0.0005	0.01 % 0.0006	0.01 % 0.0005	0.01 % 0.0006
61	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
62	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
63	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0

EPA INCREMENT CONSUMING - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL SO2

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 116	RECEPTOR 105	RECEPTOR 117	RECEPTOR 115	RECEPTOR 106
60	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
65	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
66	0.09 % 0.0079	0.11 % 0.0081	0.12 % 0.0081	0.13 % 0.0077	0.15 % 0.0083
67	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
68	25.02 % 2.2580	23.95 % 1.7793	24.04 % 1.7038	24.10 % 1.3809	23.24 % 1.2799
69	24.76 % 2.2351	23.71 % 1.7612	24.19 % 1.6865	23.86 % 1.3669	23.00 % 1.2669
70	32.92 % 2.9713	33.19 % 2.0655	32.02 % 2.2325	31.74 % 1.8188	31.01 % 1.7522
71	10.92 % 0.9853	11.09 % 0.8171	10.62 % 0.7404	10.53 % 0.6031	10.54 % 0.5808
BACK-GROUND	0.0 % 0	0.0 % 0	0.0 % 0	0.0 % 0	0.0 % 0
TOTAL	100.0 % 9.0268	100.0 % 7.0279	100.0 % 6.9713	100.0 % 5.7295	100.0 % 5.5005

EPA INCREMENT CONSUMING - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL PARTICULATES

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 51	RECEPTOR 40	RECEPTOR 52	RECEPTOR 29	RECEPTOR 62
1	0.00 % 0.0003	0.00 % 0.0003	0.00 % 0.0003	0.01 % 0.0003	0.01 % 0.0003
2	0.02 % 0.0053	0.04 % 0.0053	0.07 % 0.0051	0.10 % 0.0053	0.11 % 0.0053
3	0.02 % 0.0048	0.04 % 0.0049	0.07 % 0.0046	0.11 % 0.0050	0.10 % 0.0046
4	0.02 % 0.0063	0.05 % 0.0065	0.09 % 0.0059	0.14 % 0.0071	0.13 % 0.0061
5	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
6	0.11 % 0.0298	0.26 % 0.0310	0.42 % 0.0289	0.62 % 0.0320	0.61 % 0.0286
7	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
8	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
9	0.00 % 0.0001	0.00 % 0.0001	0.00 % 0.0001	0.00 % 0.0001	0.00 % 0.0001
10	0.01 % 0.0021	0.02 % 0.0022	0.03 % 0.0021	0.04 % 0.0023	0.04 % 0.0020
11	0.00 % 0.0005	0.00 % 0.0005	0.01 % 0.0005	0.01 % 0.0005	0.01 % 0.0005
12	0.00 % 0.0005	0.00 % 0.0005	0.01 % 0.0005	0.01 % 0.0005	0.01 % 0.0005
13	0.01 % 0.0021	0.02 % 0.0023	0.03 % 0.0022	0.05 % 0.0024	0.04 % 0.0021
14	0.00 % 0.0003	0.00 % 0.0003	0.00 % 0.0003	0.01 % 0.0003	0.01 % 0.0003
15	0.00 % 0.0007	0.01 % 0.0007	0.01 % 0.0007	0.01 % 0.0008	0.01 % 0.0007
16	0.01 % 0.0038	0.03 % 0.0039	0.06 % 0.0040	0.08 % 0.0039	0.08 % 0.0037
17	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002
18	0.01 % 0.0026	0.02 % 0.0026	0.04 % 0.0026	0.05 % 0.0027	0.05 % 0.0026
19	0.01 % 0.0030	0.03 % 0.0030	0.05 % 0.0030	0.07 % 0.0035	0.07 % 0.0033
20	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
21	0.02 % 0.0062	0.05 % 0.0060	0.09 % 0.0063	0.12 % 0.0061	0.13 % 0.0061

EPA INCREMENT CONSUMING - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL PARTICULATES

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 51	RECEPTOR 40	RECEPTOR 52	RECEPTOR 29	RECEPTOR 62
22	0.02 % 0.0062	0.05 % 0.0060	0.09 % 0.0063	0.12 % 0.0061	0.13 % 0.0061
23	0.02 % 0.0049	0.04 % 0.0050	0.07 % 0.0050	0.10 % 0.0052	0.10 % 0.0048
24	0.02 % 0.0049	0.04 % 0.0050	0.07 % 0.0050	0.10 % 0.0052	0.10 % 0.0048
25	0.01 % 0.0038	0.03 % 0.0037	0.06 % 0.0038	0.07 % 0.0038	0.08 % 0.0039
26	0.02 % 0.0041	0.03 % 0.0040	0.06 % 0.0042	0.08 % 0.0041	0.09 % 0.0042
27	0.01 % 0.0039	0.03 % 0.0039	0.06 % 0.0040	0.08 % 0.0039	0.08 % 0.0040
28	0.02 % 0.0042	0.04 % 0.0040	0.06 % 0.0042	0.08 % 0.0043	0.09 % 0.0042
29	0.00 % 0.0008	0.01 % 0.0008	0.01 % 0.0008	0.01 % 0.0008	0.02 % 0.0008
30	0.01 % 0.0031	0.03 % 0.0030	0.05 % 0.0031	0.06 % 0.0030	0.07 % 0.0031
31	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002
32	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002
33	0.02 % 0.0051	0.04 % 0.0052	0.07 % 0.0051	0.10 % 0.0052	0.11 % 0.0050
34	0.03 % 0.0091	0.08 % 0.0090	0.15 % 0.0100	0.17 % 0.0087	0.19 % 0.0090
35	0.14 % 0.0361	0.31 % 0.0360	0.58 % 0.0397	0.69 % 0.0358	0.75 % 0.0356
36	0.02 % 0.0052	0.04 % 0.0051	0.08 % 0.0050	0.10 % 0.0051	0.11 % 0.0052
37	0.14 % 0.0361	0.31 % 0.0360	0.58 % 0.0397	0.69 % 0.0358	0.75 % 0.0356
38	0.00 % 0.0012	0.01 % 0.0012	0.02 % 0.0012	0.02 % 0.0012	0.02 % 0.0012
39	0.00 % 0.0004	0.00 % 0.0004	0.01 % 0.0004	0.01 % 0.0004	0.01 % 0.0004
40	0.00 % 0.0007	0.01 % 0.0007	0.01 % 0.0007	0.01 % 0.0007	0.01 % 0.0006
41	0.00 % 0.0005	0.00 % 0.0005	0.01 % 0.0005	0.01 % 0.0005	0.01 % 0.0005
42	0.03 % 0.0076	0.06 % 0.0077	0.12 % 0.0082	0.15 % 0.0078	0.16 % 0.0076

EPA INCREMENT CONSUMING - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL PARTICULATES

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 51	RECEPTOR 40	RECEPTOR 52	RECEPTOR 29	RECEPTOR 62
43	0.09 % 0.0206	0.22 % 0.0256	0.38 % 0.0261	0.51 % 0.0262	0.49 % 0.0233
44	0.00 % 0.0013	0.01 % 0.0013	0.02 % 0.0014	0.03 % 0.0013	0.03 % 0.0012
45	0.01 % 0.0038	0.03 % 0.0038	0.06 % 0.0040	0.07 % 0.0039	0.08 % 0.0038
46	0.01 % 0.0023	0.02 % 0.0023	0.04 % 0.0024	0.05 % 0.0023	0.05 % 0.0022
47	0.02 % 0.0060	0.05 % 0.0058	0.09 % 0.0063	0.11 % 0.0056	0.13 % 0.0060
48	0.03 % 0.0082	0.07 % 0.0081	0.13 % 0.0087	0.15 % 0.0078	0.18 % 0.0083
49	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002	0.00 % 0.0002
50	0.85 % 0.2281	1.71 % 0.2023	2.18 % 0.1096	3.04 % 0.1571	6.33 % 0.2991
51	0.00 % 0.0013	0.01 % 0.0013	0.02 % 0.0014	0.02 % 0.0012	0.03 % 0.0013
52	0.27 % 0.0720	0.59 % 0.0696	1.17 % 0.0802	1.26 % 0.0649	1.52 % 0.0719
53	0.06 % 0.0163	0.14 % 0.0170	0.25 % 0.0173	0.34 % 0.0173	0.33 % 0.0158
54	0.01 % 0.0017	0.02 % 0.0018	0.03 % 0.0018	0.04 % 0.0018	0.03 % 0.0016
55	0.00 % 0.0003	0.00 % 0.0003	0.01 % 0.0004	0.01 % 0.0003	0.01 % 0.0003
56	0.03 % 0.0070	0.06 % 0.0071	0.11 % 0.0075	0.14 % 0.0071	0.15 % 0.0069
57	0.25 % 0.0663	0.58 % 0.0683	0.89 % 0.0614	1.49 % 0.0770	1.36 % 0.0685
58	0.07 % 0.0186	0.16 % 0.0186	0.28 % 0.0192	0.36 % 0.0186	0.39 % 0.0185
59	0.00 % 0.0005	0.00 % 0.0005	0.01 % 0.0005	0.01 % 0.0005	0.01 % 0.0005
60	0.00 % 0.0003	0.00 % 0.0003	0.00 % 0.0003	0.01 % 0.0003	0.01 % 0.0003
61	0.31 % 0.0830	0.65 % 0.0773	1.37 % 0.0941	1.43 % 0.0736	1.79 % 0.0800
62	0.31 % 0.0830	0.65 % 0.0773	1.37 % 0.0941	1.43 % 0.0736	1.79 % 0.0800
63	0.31 % 0.0823	0.68 % 0.0806	1.13 % 0.0775	1.53 % 0.0790	1.78 % 0.0800

EPA INCREMENT CONSUMING - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL PARTICULATES

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 51	RECEPTOR 40	RECEPTOR 52	RECEPTOR 29	RECEPTOR 62
64	0.59 % 0.1568	1.30 % 0.1535	2.17 % 0.1088	2.91 % 0.1503	3.39 % 0.1602
65	0.73 % 0.1939	1.69 % 0.1899	2.98 % 0.1801	3.60 % 0.1859	4.19 % 0.1981
66	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
67	95.24 % 25.0193	89.61 % 10.6087	82.34 % 5.6087	77.10 % 3.9790	71.54 % 3.3804
68	0.01 % 0.0010	0.02 % 0.0022	0.03 % 0.0024	0.07 % 0.0038	0.02 % 0.0010
69	0.01 % 0.0010	0.02 % 0.0022	0.03 % 0.0053	0.07 % 0.0037	0.02 % 0.0010
70	0.01 % 0.0020	0.02 % 0.0026	0.05 % 0.0032	0.11 % 0.0055	0.03 % 0.0016
71	0.00 % 0.0007	0.01 % 0.0009	0.02 % 0.0011	0.04 % 0.0019	0.01 % 0.0006
BACK-GROUND	0.0 % 0	0.0 % 0	0.0 % 0	0.0 % 0	0.0 % 0
TOTAL	100.0 % 26.6698	100.0 % 11.8391	100.0 % 6.8695	100.0 % 5.1611	100.0 % 4.7250

EPA BASELINE

EPA BASELINE - SO2 & TSP

SOURCE DATA

SOURCE NUMBER	SOURCE LOCATION (KILOMETERS) HORIZONTAL	VERTICAL	SOURCE AREA SQUARE KILOMETERS	ANNUAL SOURCE EMISSION RATE (TONS/DAY) SO2	PART	STACK DATA HT (M)	DIAM (M)	VEL (M/SEC)	TEMP (DEG.K)	
1	344.8	3044.8	0.0	0.0	0.003	16.5	0.6	1.6	294.	RINKER 6-1
2	326.2	3086.9	0.0	0.0	0.030	9.1	1.8	7.4	341.	MOOREFLD 26-1
3	325.6	3116.7	0.0	0.0	0.055	15.2	0.8	12.9	311.	STAUFFER 42-2
4	360.3	3093.2	0.0	0.022	0.003	7.6	0.4	9.2	422.	RALSON PUR 19-04
5	362.2	3074.8	0.0	0.090	0.022	9.1	1.8	3.6	333.	MINERAL AG 27-01
6	357.6	3105.4	0.0	0.0	0.005	12.5	0.9	0.4	295.	ROBINS MFG 44-01
7	357.6	3105.4	0.0	0.0	0.005	7.3	0.7	0.6	295.	ROBINS MFG 44-02
8	357.6	3105.4	0.0	0.0	0.005	8.5	0.6	1.0	295.	ROBINS MFG 44-03
9	357.6	3105.4	0.0	0.0	0.008	13.7	5.0	0.0	300.	ROBINS MFG 44-04
10	361.8	3088.3	0.0	1.942	0.005	29.9	0.6	22.6	366.	CHLORIDEM 50-01
11	361.8	3088.3	0.0	0.0	0.003	12.2	0.6	17.6	295.	CHLORIDEM 50-02
12	362.4	3087.0	0.0	0.0	0.110	24.8	0.6	16.0	355.	GAF CORP 56-01
13	363.9	3093.8	0.0	0.978	0.019	29.6	0.6	30.4	344.	GULF COAST 57-01
14	361.7	3093.3	0.0	0.0	0.003	6.1	0.2	10.7	309.	SUPERIOR 73-01
15	363.0	3098.1	0.0	0.005	0.005	13.4	0.3	25.9	383.	VERLITE 136-01
16	361.6	3075.0	0.0	171.000	3.246	149.3	7.3	19.3	423.	39-1 BB-1
17	361.6	3075.0	0.0	161.680	3.069	149.3	7.3	18.4	423.	39-2 BB-2
18	361.6	3075.0	0.0	158.690	3.012	149.3	7.6	8.6	418.	39-3 BB-3

EPA BASELINE - SO2 & TSP

METEOROLOGICAL INPUT DATA FOR THE ANNUAL SEASON

MIXING DEPTH = 1394. METERS
AMBIENT TEMPERATURE = 292. DEGREES,KELVIN
AMBIENT PRESSURE = 1017. MILLIBARS

STABILITY CLASS 1

	WINDSPEED CLASS					
WIND DIRECTION	1	2	3	4	5	6
N	0.0000	0.0002	0.0	0.0	0.0	0.0
NNE	0.0000	0.0002	0.0	0.0	0.0	0.0
NE	0.0000	0.0002	0.0	0.0	0.0	0.0
ENE	0.0000	0.0001	0.0	0.0	0.0	0.0
E	0.0001	0.0003	0.0	0.0	0.0	0.0
ESE	0.0001	0.0002	0.0	0.0	0.0	0.0
SE	0.0000	0.0002	0.0	0.0	0.0	0.0
SSE	0.0001	0.0002	0.0	0.0	0.0	0.0
S	0.0001	0.0002	0.0	0.0	0.0	0.0
SSW	0.0000	0.0002	0.0	0.0	0.0	0.0
SW	0.0001	0.0004	0.0	0.0	0.0	0.0
WSW	0.0001	0.0003	0.0	0.0	0.0	0.0
W	0.0001	0.0003	0.0	0.0	0.0	0.0
WNW	0.0001	0.0002	0.0	0.0	0.0	0.0
NW	0.0000	0.0000	0.0	0.0	0.0	0.0
NNW	0.0000	0.0001	0.0	0.0	0.0	0.0

EPA BASELINE - SO2 & TSP

METEOROLOGICAL INPUT DATA FOR THE ANNUAL SEASON

STABILITY CLASS 2

WIND DIRECTION	WINDSPEED CLASS 1	2	3	4	5	6
N	0.0005	0.0013	0.0009	0.0	0.0	0.0
NNE	0.0004	0.0013	0.0008	0.0	0.0	0.0
NE	0.0004	0.0012	0.0009	0.0	0.0	0.0
ENE	0.0005	0.0013	0.0014	0.0	0.0	0.0
E	0.0008	0.0029	0.0027	0.0	0.0	0.0
ESE	0.0007	0.0019	0.0011	0.0	0.0	0.0
SE	0.0005	0.0012	0.0018	0.0	0.0	0.0
SSE	0.0003	0.0018	0.0018	0.0	0.0	0.0
S	0.0005	0.0016	0.0019	0.0	0.0	0.0
SSW	0.0003	0.0013	0.0018	0.0	0.0	0.0
SW	0.0003	0.0017	0.0026	0.0	0.0	0.0
WSW	0.0002	0.0018	0.0039	0.0	0.0	0.0
W	0.0005	0.0030	0.0061	0.0	0.0	0.0
WNW	0.0002	0.0008	0.0008	0.0	0.0	0.0
NW	0.0002	0.0005	0.0003	0.0	0.0	0.0
NNW	0.0003	0.0006	0.0005	0.0	0.0	0.0

EPA BASELINE - SO2 & TSP

METEOROLOGICAL INPUT DATA FOR THE ANNUAL SEASON

STABILITY CLASS 3

	WINDSPEED CLASS					
WIND DIRECTION	1	2	3	4	5	6
N	0.0002	0.0010	0.0034	0.0005	0.0	0.0
NNE	0.0001	0.0011	0.0041	0.0005	0.0	0.0
NE	0.0001	0.0016	0.0054	0.0008	0.0	0.0
ENE	0.0004	0.0029	0.0085	0.0011	0.0	0.0
E	0.0006	0.0037	0.0117	0.0017	0.0000	0.0
ESE	0.0002	0.0029	0.0065	0.0010	0.0000	0.0
SE	0.0003	0.0022	0.0072	0.0013	0.0	0.0
SSE	0.0003	0.0022	0.0069	0.0009	0.0	0.0
S	0.0002	0.0020	0.0053	0.0013	0.0	0.0000
SSW	0.0002	0.0010	0.0058	0.0018	0.0000	0.0
SW	0.0001	0.0015	0.0052	0.0010	0.0	0.0
WSW	0.0001	0.0017	0.0076	0.0013	0.0000	0.0
W	0.0002	0.0021	0.0159	0.0064	0.0003	0.0
WNW	0.0001	0.0007	0.0029	0.0012	0.0000	0.0000
NW	0.0000	0.0005	0.0018	0.0006	0.0000	0.0
NNW	0.0001	0.0008	0.0019	0.0006	0.0001	0.0000

EPA BASELINE - SO2 & TSP

METEOROLOGICAL INPUT DATA FOR THE ANNUAL SEASON

STABILITY CLASS 4

	WINDSPEED CLASS					
WIND DIRECTION	1	2	3	4	5	6
N	0.0005	0.0026	0.0103	0.0081	0.0005	0.0
NNE	0.0004	0.0032	0.0079	0.0068	0.0002	0.0000
NE	0.0005	0.0032	0.0105	0.0105	0.0004	0.0000
ENE	0.0006	0.0045	0.0138	0.0098	0.0003	0.0
E	0.0010	0.0077	0.0235	0.0168	0.0005	0.0000
ESE	0.0005	0.0035	0.0134	0.0073	0.0002	0.0
SE	0.0004	0.0031	0.0101	0.0075	0.0001	0.0000
SSE	0.0003	0.0029	0.0102	0.0076	0.0003	0.0000
S	0.0007	0.0036	0.0118	0.0102	0.0007	0.0001
SSW	0.0003	0.0019	0.0076	0.0084	0.0007	0.0000
SW	0.0002	0.0015	0.0045	0.0034	0.0001	0.0000
WSW	0.0003	0.0016	0.0065	0.0047	0.0002	0.0
W	0.0002	0.002[illegible]	0.0164	0.0211	0.0006	0.0001
WNW	0.0004	0.0011	0.0060	0.0091	0.0011	0.0004
NW	0.0003	0.0017	0.0061	0.0095	0.0011	0.0003
NNW	0.0002	0.0015	0.0066	0.0094	0.0013	0.0001

EPA BASELINE - SO2 & TSP

METEOROLOGICAL INPUT DATA FOR THE ANNUAL SEASON

STABILITY CLASS 5

	WINDSPEED CLASS					
WIND DIRECTION	1	2	3	4	5	6
N	0.0043	0.0127	0.0067	0.0	0.0	0.0
NNE	0.0047	0.0119	0.0050	0.0	0.0	0.0
NE	0.0063	0.0181	0.0078	0.0	0.0	0.0
ENE	0.0112	0.0337	0.0094	0.0	0.0	0.0
E	0.0158	0.0487	0.0135	0.0	0.0	0.0
ESE	0.0094	0.0225	0.0068	0.0	0.0	0.0
SE	0.0055	0.0129	0.0052	0.0	0.0	0.0
SSE	0.0039	0.0125	0.0034	0.0	0.0	0.0
S	0.0037	0.0107	0.0029	0.0	0.0	0.0
SSW	0.0015	0.0045	0.0010	0.0	0.0	0.0
SW	0.0015	0.0060	0.0013	0.0	0.0	0.0
WSW	0.0018	0.0052	0.0020	0.0	0.0	0.0
W	0.0028	0.0068	0.0049	0.0	0.0	0.0
WNW	0.0026	0.0069	0.0035	0.0	0.0	0.0
NW	0.0041	0.0132	0.0049	0.0	0.0	0.0
NNW	0.0038	0.0102	0.0042	0.0	0.0	0.0

EPA BASELINE - SO2 & TSP

INPUT REGRESSION PARAMETERS ARE:

POLLUTANT	Y-INTERCEPT	SLOPE
SO2	0.0	1.0000
PARTICULATES	0.0	1.0000

EPA BASELINE - SO2 & TSP

RECEPTOR CONCENTRATION DATA

RECEPTOR NUMBER	RECEPTOR LOCATION (KILOMETERS) HORIZ	VERT	EXPECTED ARITHMETIC MEAN (MICROGRAMS/CU. METER) SO2	PARTICULATES
1	357.0	3070.0	3.	0.
2	357.0	3071.0	4.	0.
3	357.0	3072.0	4.	0.
4	357.0	3073.0	5.	0.
5	357.0	3074.0	6.	0.
6	357.0	3075.0	7.	0.
7	357.0	3076.0	6.	0.
8	357.0	3077.0	4.	0.
9	357.0	3078.0	5.	0.
10	357.0	3079.0	5.	0.
11	357.0	3080.0	5.	0.
12	358.0	3070.0	3.	0.
13	358.0	3071.0	3.	0.
14	358.0	3072.0	4.	0.
15	358.0	3073.0	4.	0.
16	358.0	3074.0	4.	0.
17	358.0	3075.0	6.	0.
18	358.0	3076.0	4.	0.
19	358.0	3077.0	4.	0.
20	358.0	3078.0	4.	0.
21	358.0	3079.0	5.	0.
22	358.0	3080.0	5.	0.
23	359.0	3070.0	3.	0.
24	359.0	3071.0	3.	0.
25	359.0	3072.0	3.	0.
26	359.0	3073.0	3.	0.
27	359.0	3074.0	3.	0.
28	359.0	3075.0	4.	0.
29	359.0	3076.0	2.	0.
30	359.0	3077.0	3.	0.
31	359.0	3078.0	4.	0.
32	359.0	3079.0	5.	0.
33	359.0	3080.0	5.	0.
34	360.0	3070.0	3.	0.
35	360.0	3071.0	3.	0.
36	360.0	3072.0	2.	0.
37	360.0	3073.0	2.	0.
38	360.0	3074.0	1.	0.
39	360.0	3075.0	2.	0.
40	360.0	3076.0	1.	0.

EPA BASELINE - SO2 & TSP

RECEPTOR CONCENTRATION DATA

RECEPTOR NUMBER	RECEPTOR LOCATION (KILOMETERS) HORIZ	VERT	EXPECTED ARITHMETIC MEAN (MICROGRAMS/CU. METER) SO2	PARTICULATES
41	360.0	3077.0	2.	0.
42	360.0	3078.0	4.	0.
43	360.0	3079.0	5.	0.
44	360.0	3080.0	5.	0.
45	361.0	3070.0	3.	0.
46	361.0	3071.0	3.	0.
47	361.0	3072.0	2.	0.
48	361.0	3073.0	1.	0.
49	361.0	3074.0	1.	0.
50	361.0	3075.0	1.	0.
51	361.0	3076.0	1.	0.
52	361.0	3077.0	2.	0.
53	361.0	3078.0	3.	0.
54	361.0	3079.0	4.	0.
55	361.0	3080.0	5.	0.
56	362.0	3070.0	3.	0.
57	362.0	3071.0	2.	0.
58	362.0	3072.0	2.	0.
59	362.0	3073.0	1.	0.
60	362.0	3074.0	1.	0.
61	362.0	3075.0	2.	0.
62	362.0	3076.0	1.	0.
63	362.0	3077.0	2.	0.
64	362.0	3078.0	3.	0.
65	362.0	3079.0	4.	0.
66	362.0	3080.0	5.	0.
67	363.0	3070.0	2.	0.
68	363.0	3071.0	2.	0.
69	363.0	3072.0	1.	0.
70	363.0	3073.0	1.	0.
71	363.0	3074.0	1.	0.
72	363.0	3075.0	2.	0.
73	363.0	3076.0	2.	0.
74	363.0	3077.0	2.	0.
75	363.0	3078.0	3.	0.
76	363.0	3079.0	4.	0.
77	363.0	3080.0	5.	0.
78	364.0	3070.0	2.	0.
79	364.0	3071.0	2.	0.
80	364.0	3072.0	1.	0.

EPA BASELINE - SO2 & TSP

RECEPTOR CONCENTRATION DATA

RECEPTOR NUMBER	RECEPTOR LOCATION (KILOMETERS) HORIZ	VERT	EXPECTED ARITHMETIC MEAN (MICROGRAMS/CU. METER) SO2	PARTICULATES
81	364.0	3073.0	1.	0.
82	364.0	3074.0	2.	0.
83	364.0	3075.0	5.	0.
84	364.0	3076.0	4.	0.
85	364.0	3077.0	4.	0.
86	364.0	3078.0	4.	0.
87	364.0	3079.0	5.	0.
88	364.0	3080.0	5.	0.
89	365.0	3070.0	2.	0.
90	365.0	3071.0	2.	0.
91	365.0	3072.0	2.	0.
92	365.0	3073.0	2.	0.
93	365.0	3074.0	4.	0.
94	365.0	3075.0	10.	0.
95	365.0	3076.0	6.	0.
96	365.0	3077.0	5.	0.
97	365.0	3078.0	5.	0.
98	365.0	3079.0	5.	0.
99	365.0	3080.0	5.	0.
100	366.0	3070.0	2.	0.
101	366.0	3071.0	2.	0.
102	366.0	3072.0	2.	0.
103	366.0	3073.0	2.	0.
104	366.0	3074.0	6.	0.
105	366.0	3075.0	12.	0.
106	366.0	3076.0	8.	0.
107	366.0	3077.0	6.	0.
108	366.0	3078.0	5.	0.
109	366.0	3079.0	5.	0.
110	366.0	3080.0	5.	0.
111	367.0	3070.0	2.	0.
112	367.0	3071.0	2.	0.
113	367.0	3072.0	2.	0.
114	367.0	3073.0	3.	0.
115	367.0	3074.0	8.	0.
116	367.0	3075.0	12.	0.
117	367.0	3076.0	9.	0.
118	367.0	3077.0	6.	0.
119	367.0	3078.0	6.	0.
120	367.0	3079.0	5.	0.

EPA BASELINE - SO2 & TSP

RECEPTOR CONCENTRATION DATA				
RECEPTOR NUMBER	RECEPTOR LOCATION (KILOMETERS)		EXPECTED ARITHMETIC MEAN (MICROGRAMS/CU. METER)	
	HORIZ	VERT	SO2	PARTICULATES
121	362.0	3080.0	4	0

EPA BASELINE - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL SO2

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 116	RECEPTOR 105	RECEPTOR 94	RECEPTOR 117	RECEPTOR 106
1	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
2	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
3	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
4	0.03 % 0.0032	0.03 % 0.0040	0.04 % 0.0003	0.04 % 0.0038	0.05 % 0.0082
5	0.65 % 0.0787	0.91 % 0.1068	1.63 % 0.1550	0.63 % 0.0576	0.80 % 0.0666
6	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
7	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
8	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
9	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
10	2.01 % 0.2040	2.36 % 0.2768	3.16 % 0.3006	2.93 % 0.2700	3.50 % 0.2908
11	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
12	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
13	0.92 % 0.1115	0.99 % 0.1150	1.22 % 0.1181	1.28 % 0.1176	1.47 % 0.1223
14	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0	0.0 % 0.0
15	0.01 % 0.0008	0.01 % 0.0008	0.01 % 0.0008	0.01 % 0.0008	0.01 % 0.0009
16	25.64 % 3.1133	23.24 % 2.7213	19.84 % 1.9100	25.32 % 2.3335	23.06 % 1.9173
17	25.51 % 3.0976	23.43 % 2.7030	20.31 % 1.9594	25.18 % 2.3207	23.20 % 1.9292
18	45.24 % 5.4907	49.03 % 5.7417	53.79 % 5.1895	44.62 % 4.1131	47.91 % 3.9837
BACK-GROUND	0.0 % 0.	0.0 % 0.	0.0 % 0.	0.0 % 0.	0.0 % 0.
TOTAL	100.0 % 12.1403	100.0 % 11.7095	100.0 % 9.6477	100.0 % 9.2176	100.0 % 8.3109

EPA BASELINE - SO2 & TSP

SOURCE CONTRIBUTIONS TO FIVE MAXIMUM RECEPTORS

ANNUAL PARTICULATES

MICROGRAMS PER CUBIC METER

SOURCE	RECEPTOR 61	RECEPTOR 50	RECEPTOR 105	RECEPTOR 116	RECEPTOR 94
1	0.04 % 0.0001	0.05 % 0.0001	0.05 % 0.0001	0.05 % 0.0001	0.05 % 0.0001
2	0.30 % 0.0011	0.37 % 0.0011	0.36 % 0.0010	0.35 % 0.0010	0.40 % 0.0010
3	0.97 % 0.0035	1.20 % 0.0035	1.17 % 0.0033	1.20 % 0.0034	1.29 % 0.0033
4	0.18 % 0.0006	0.22 % 0.0007	0.19 % 0.0005	0.18 % 0.0005	0.23 % 0.0006
5	85.65 % 0.3080	82.06 % 0.2409	9.18 % 0.0260	6.82 % 0.0192	14.87 % 0.0384
6	0.17 % 0.0006	0.21 % 0.0006	0.20 % 0.0006	0.19 % 0.0005	0.22 % 0.0006
7	0.17 % 0.0006	0.21 % 0.0006	0.20 % 0.0006	0.19 % 0.0005	0.22 % 0.0006
8	0.17 % 0.0006	0.21 % 0.0006	0.20 % 0.0006	0.19 % 0.0005	0.22 % 0.0006
9	0.27 % 0.0010	0.34 % 0.0010	0.31 % 0.0009	0.30 % 0.0009	0.35 % 0.0009
10	0.25 % 0.0009	0.31 % 0.0009	0.25 % 0.0007	0.22 % 0.0006	0.30 % 0.0008
11	0.26 % 0.0009	0.32 % 0.0009	0.27 % 0.0008	0.24 % 0.0007	0.32 % 0.0008
12	10.51 % 0.0378	13.17 % 0.0387	11.28 % 0.0320	10.10 % 0.0285	13.43 % 0.0307
13	0.65 % 0.0023	0.79 % 0.0023	0.79 % 0.0022	0.77 % 0.0022	0.89 % 0.0023
14	0.18 % 0.0007	0.22 % 0.0007	0.21 % 0.0006	0.20 % 0.0006	0.24 % 0.0006
15	0.24 % 0.0009	0.29 % 0.0009	0.29 % 0.0008	0.29 % 0.0008	0.32 % 0.0008
16	0.00 % 0.0000	0.00 % 0.0000	18.23 % 0.0517	20.94 % 0.0591	14.08 % 0.0363
17	0.00 % 0.0000	0.00 % 0.0000	18.38 % 0.0521	20.83 % 0.0588	14.41 % 0.0372
18	0.00 % 0.0000	0.02 % 0.0001	38.46 % 0.1090	36.95 % 0.1043	38.16 % 0.0985
BACK-GROUND	0.0 % 0	0.0 % 0	0.0 % 0	0.0 % 0	0.0 % 0
TOTAL	100.0 % 0.3601	100.0 % 0.2936	100.0 % 0.2834	100.0 % 0.2823	100.0 % 0.2581

APPENDIX C

Appendix C: CRSTER Model Output

TECO

UNITS 1-3

BASELINE 24- AND 3-HOUR SO_2

AND 24-HOUR TSP

100 PERCENT LOAD

Baseline

RING DISTANCES(KM)= 0.50 1.00 1.50 2.00 2.50

STACK # 1--TECO 1&2 100% 35T/H SO2
STACK # 2--TECO 3 100% 35T/H SO2

STACK	MONTH	EMISSION RATE (GMS/SEC)	HEIGHT (METERS)	DIAMETER (METERS)	EXIT VELOCITY (M/SEC)	TEMP (DEG.K)	VOLUMETRIC FLOW (M**3/SEC)
1	ALL	5832.3281	149.40	7.32	28.60	422.00	1203.59
2	ALL	2987.6799	149.40	7.32	14.40	417.00	606.00

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.5793E-04 DIRECTION= 9 DISTANCE= 2.5 KM DAY=220

YEAR= 71

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	5.2928E-13 (238)	2.1260E-05 (236)	4.1330E-05 (236)	5.1557E-05 (236)	6.9383E-05 (229)
2	3.3578E-12 (238)	2.6979E-05 (234)	9.5159E-05 (236)	9.3310E-05 (236)	7.6341E-05 (260)
3	1.1738E-11 (238)	5.6515E-05 (236)	1.0816E-04 (236)	9.4418E-05 (236)	9.1076E-05 (331)
4	2.2642E-11 (238)	4.7842E-05 (238)	5.7975E-05 (236)	4.6315E-05 (236)	5.9854E-05 (177)
5	2.1404E-11 (234)	5.1832E-05 (238)	6.1882E-05 (215)	6.6909E-05 (206)	8.7642E-05 (206)
6	9.3022E-12 (234)	3.6753E-05 (230)	6.1969E-05 (230)	8.9563E-05 (206)	9.3231E-05 (234)
7	2.2297E-12 (234)	3.5050E-05 (238)	5.0008E-05 (234)	9.9144E-05 (103)	9.4609E-05 (179)
8	6.6079E-12 (159)	4.8795E-05 (230)	9.6091E-05 (230)	8.7206E-05 (238)	9.3049E-05 (179)
9	1.6086E-11 (159)	1.9739E-05 (230)	4.4046E-05 (230)	1.0418E-04 (128)	1.5793E-04 (220)
10	1.2897E-11 (159)	7.0645E-06 (257)	2.8265E-05 (152)	6.2038E-05 (220)	1.0047E-04 (220)
11	3.6399E-12 (159)	1.6912E-05 (238)	2.4135E-05 (197)	5.8966E-05 (197)	7.0495E-05 (198)
12	1.3911E-12 (238)	5.4779E-06 (159)	3.1741E-05 (198)	9.2326E-05 (198)	9.4434E-05 (257)
13	1.0602E-12 (262)	2.0018E-05 (257)	3.4338E-05 (159)	6.9275E-05 (198)	6.0937E-05 (257)
14	5.6251E-12 (262)	1.3631E-05 (262)	2.6971E-05 (257)	3.2680E-05 (104)	5.5221E-05 (159)
15	1.6445E-11 (262)	4.7996E-05 (262)	6.2744E-05 (262)	5.1633E-05 (222)	6.4555E-05 (159)
16	1.1999E-11 (159)	4.9854E-05 (159)	5.7403E-05 (159)	4.4398E-05 (121)	7.2142E-05 (121)
17	4.3564E-12 (159)	1.5184E-05 (159)	1.5478E-05 (159)	2.5803E-05 (164)	4.4839E-05 (317)
18	8.7154E-13 (159)	2.2982E-06 (159)	1.2266E-05 (173)	2.9978E-05 (164)	4.1210E-05 (164)
19	9.6075E-14 (159)	6.7737E-06 (262)	1.3433E-05 (98)	2.4903E-05 (257)	3.9577E-05 (257)
20	1.3201E-14 (263)	7.2271E-07 (262)	1.0547E-05 (98)	2.6057E-05 (98)	3.4245E-05 (98)
21	1.7784E-14 (263)	2.3286E-07 (164)	1.0563E-05 (137)	4.0509E-05 (137)	4.2310E-05 (263)
22	3.0626E-15 (240)	9.3040E-07 (164)	1.7555E-05 (164)	3.5491E-05 (263)	5.0734E-05 (164)
23	5.3997E-15 (263)	1.2216E-06 (164)	1.6806E-05 (156)	5.9798E-05 (156)	8.2248E-05 (164)
24	4.9789E-14 (231)	8.3239E-07 (240)	1.5892E-05 (90)	4.8739E-05 (90)	8.2112E-05 (90)
25	5.7222E-13 (231)	2.7501E-06 (152)	1.0198E-05 (152)	2.8088E-05 (90)	4.8510E-05 (90)
26	3.6299E-12 (231)	1.1943E-05 (152)	2.5431E-05 (240)	4.2298E-05 (152)	4.5681E-05 (101)
27	1.2689E-11 (231)	2.5775E-05 (152)	5.4979E-05 (240)	6.9977E-05 (101)	8.5837E-05 (152)
28	2.3364E-11 (240)	5.4793E-05 (231)	6.2863E-05 (231)	7.5842E-05 (231)	9.2509E-05 (231)
29	1.2874E-11 (240)	2.7470E-05 (240)	6.1902E-05 (231)	5.4223E-05 (152)	6.3164E-05 (231)
30	3.9090E-12 (240)	6.7834E-06 (240)	2.2771E-05 (138)	4.2175E-05 (182)	7.1729E-05 (182)
31	6.5398E-13 (240)	1.0734E-06 (218)	1.6221E-05 (236)	3.8011E-05 (236)	4.8231E-05 (236)
32	6.0289E-14 (240)	1.0887E-06 (231)	1.2903E-05 (230)	5.0949E-05 (230)	7.2826E-05 (218)
33	3.0539E-15 (218)	2.6244E-07 (260)	9.6213E-06 (230)	4.0592E-05 (230)	6.2011E-05 (218)
34	3.3981E-15 (260)	7.8836E-07 (218)	1.8542E-05 (260)	4.6033E-05 (259)	4.4070E-05 (218)
35	3.7979E-15 (260)	1.3989E-06 (211)	2.9882E-05 (211)	7.6055E-05 (211)	1.0433E-04 (211)
36	4.5970E-14 (238)	4.5758E-06 (236)	2.3170E-05 (229)	6.8818E-05 (229)	1.0687E-04 (229)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 8.6372E-04 DIRECTION= 3 DISTANCE= 1.5 KM DAY=236 TIME PERIOD= 5

YEAR= 71

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	4.2342E-12 (238, 4)	1.6985E-04 (236, 5)	2.9723E-04 (236, 5)	3.3378E-04 (229, 4)	4.6890E-04 (229, 4)
2	2.6863E-11 (238, 4)	2.1567E-04 (234, 4)	7.4684E-04 (236, 5)	6.8516E-04 (236, 5)	6.0511E-04 (260, 5)
3	9.3906E-11 (238, 4)	4.5211E-04 (236, 5)	8.6372E-04 (236, 5)	7.4213E-04 (234, 4)	6.3488E-04 (219, 5)
4	1.8089E-10 (238, 4)	3.8252E-04 (238, 4)	4.6376E-04 (236, 5)	3.7040E-04 (236, 5)	4.7883E-04 (177, 4)
5	1.7123E-10 (234, 4)	4.1022E-04 (238, 4)	4.9491E-04 (215, 4)	4.7712E-04 (200, 4)	6.6781E-04 (200, 4)
6	7.4418E-11 (234, 4)	2.9394E-04 (230, 5)	4.9269E-04 (230, 5)	4.8906E-04 (206, 5)	6.7770E-04 (200, 4)
7	3.6188E-11 (238, 4)	2.2244E-04 (238, 5)	3.6199E-04 (234, 4)	5.8037E-04 (103, 4)	5.9508E-04 (230, 5)
8	5.2863E-11 (159, 5)	3.8905E-04 (230, 5)	7.0217E-04 (230, 5)	6.4395E-04 (238, 5)	6.3116E-04 (100, 4)
9	1.2868E-10 (159, 5)	1.5713E-04 (230, 5)	3.1434E-04 (230, 5)	4.9643E-04 (220, 5)	7.7142E-04 (220, 5)
10	1.0318E-10 (159, 5)	5.6099E-05 (257, 4)	2.2612E-04 (152, 5)	4.4671E-04 (204, 5)	5.2967E-04 (238, 5)
11	2.9119E-11 (159, 5)	1.2725E-04 (238, 5)	1.4908E-04 (238, 5)	3.3318E-04 (195, 4)	4.2024E-04 (195, 4)
12	1.1129E-11 (238, 5)	4.2953E-05 (159, 5)	1.5296E-04 (198, 4)	4.5328E-04 (198, 4)	6.5948E-04 (198, 4)
13	8.4819E-12 (262, 4)	1.6015E-04 (257, 4)	2.2946E-04 (159, 5)	2.3089E-04 (198, 5)	3.1264E-04 (122, 4)
14	4.5001E-11 (262, 4)	1.0905E-04 (262, 4)	2.1577E-04 (257, 4)	1.7514E-04 (257, 4)	3.4374E-04 (104, 4)
15	1.3156E-10 (262, 4)	3.8397E-04 (262, 4)	5.0195E-04 (262, 4)	3.7725E-04 (262, 4)	4.8076E-04 (222, 4)
16	9.5992E-11 (159, 5)	3.9883E-04 (159, 5)	4.5922E-04 (159, 5)	3.5069E-04 (159, 5)	3.6630E-04 (169, 4)
17	3.4852E-11 (159, 5)	1.2148E-04 (159, 5)	1.2382E-04 (159, 5)	2.0643E-04 (164, 4)	3.2545E-04 (317, 4)
18	6.9723E-12 (159, 5)	1.8386E-05 (159, 5)	9.8126E-05 (173, 4)	2.3964E-04 (164, 4)	3.2841E-04 (164, 4)
19	7.6860E-13 (159, 5)	5.4190E-05 (262, 4)	1.0747E-04 (98, 4)	1.9920E-04 (257, 4)	3.1630E-04 (257, 4)
20	1.0561E-13 (263, 5)	5.7817E-06 (262, 4)	8.4378E-05 (98, 4)	2.0845E-04 (98, 4)	2.7396E-04 (98, 4)
21	1.4227E-13 (263, 5)	1.7690E-06 (164, 4)	5.8635E-05 (157, 4)	1.9826E-04 (137, 4)	3.1264E-04 (137, 4)
22	2.4500E-14 (240, 4)	6.3706E-06 (164, 4)	1.1432E-04 (164, 4)	2.6061E-04 (164, 4)	3.1504E-04 (98, 4)
23	4.3198E-14 (263, 5)	6.3706E-06 (164, 4)	1.1269E-04 (263, 5)	2.6061E-04 (164, 4)	3.7029E-04 (270, 4)
24	3.9755E-13 (231, 4)	6.6591E-06 (240, 4)	1.0132E-04 (231, 5)	2.9438E-04 (156, 4)	4.5145E-04 (90, 4)
25	4.5772E-12 (231, 4)	2.2001E-05 (152, 4)	6.7124E-05 (90, 4)	1.6930E-04 (90, 4)	2.3387E-04 (285, 4)
26	2.9039E-11 (231, 4)	9.5548E-05 (152, 4)	2.0345E-04 (240, 4)	2.2714E-04 (156, 5)	3.0918E-04 (156, 5)
27	1.0151E-10 (231, 4)	2.0620E-04 (152, 4)	4.3983E-04 (240, 4)	3.6312E-04 (231, 4)	5.0257E-04 (101, 5)
28	1.8692E-10 (240, 4)	4.3834E-04 (231, 4)	5.0125E-04 (231, 4)	5.8507E-04 (231, 4)	6.6833E-04 (231, 4)
29	1.0299E-10 (240, 4)	2.1976E-04 (240, 4)	4.9447E-04 (231, 4)	4.3379E-04 (152, 4)	4.7395E-04 (231, 4)
30	3.1272E-11 (240, 4)	5.4267E-05 (240, 4)	1.7566E-04 (138, 5)	3.3693E-04 (182, 4)	5.7214E-04 (182, 4)
31	5.2318E-12 (240, 4)	8.5859E-06 (218, 4)	1.2974E-04 (236, 5)	3.0395E-04 (236, 5)	3.8561E-04 (236, 5)
32	4.8231E-13 (240, 4)	8.7093E-06 (231, 4)	1.0277E-04 (230, 4)	3.9763E-04 (230, 4)	5.3797E-04 (218, 4)
33	2.4288E-14 (218, 4)	1.9329E-06 (145, 4)	7.6640E-05 (230, 4)	3.1567E-04 (218, 4)	4.1637E-04 (218, 4)
34	2.7185E-14 (260, 4)	6.7109E-06 (260, 4)	1.1297E-04 (218, 5)	2.9783E-04 (218, 5)	3.9291E-04 (260, 4)
35	3.0384E-14 (260, 4)	1.1187E-05 (211, 4)	2.0092E-04 (260, 4)	5.6632E-04 (260, 4)	7.6596E-04 (211, 4)
36	3.6776E-13 (238, 4)	3.6468E-05 (236, 5)	1.7219E-04 (229, 4)	4.9163E-04 (229, 4)	5.9729E-04 (260, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.4932E-04 DIRECTION= 9 DISTANCE= 2.5 KM DAY=242

YEAR= 72

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	1.4333E-14 (171)	9.4855E-07 (211)	1.7101E-05 (211)	3.3081E-05 (111)	5.0665E-05 (211)
2	5.3719E-14 (229)	4.7910E-06 (241)	1.4874E-05 (110)	4.1286E-05 (110)	6.0024E-05 (110)
3	6.1850E-13 (229)	2.2314E-05 (241)	3.3901E-05 (241)	5.0838E-05 (215)	8.1479E-05 (135)
4	3.9239E-12 (229)	4.6449E-05 (215)	3.8869E-05 (215)	5.1400E-05 (195)	7.5825E-05 (150)
5	1.3717E-11 (229)	3.8844E-05 (215)	4.2214E-05 (229)	8.0073E-05 (211)	1.0993E-04 (211)
6	2.6423E-11 (229)	6.8789E-05 (238)	7.5054E-05 (238)	8.0136E-05 (229)	1.0438E-04 (261)
7	2.8045E-11 (229)	8.1550E-05 (229)	9.5920E-05 (238)	8.2591E-05 (216)	1.1181E-04 (194)
8	2.0702E-11 (238)	6.3128E-05 (222)	9.4754E-05 (249)	9.0557E-05 (207)	1.1316E-04 (195)
9	2.4000E-11 (207)	8.0574E-05 (207)	1.3931E-04 (249)	1.1314E-04 (207)	1.4932E-04 (242)
10	1.7106E-11 (150)	7.5653E-05 (150)	9.8068E-05 (189)	1.0607E-04 (183)	1.4079E-04 (242)
11	1.5869E-11 (222)	3.7545E-05 (150)	4.1996E-05 (189)	4.0245E-05 (248)	6.1941E-05 (131)
12	5.2394E-12 (222)	9.2691E-06 (150)	2.0926E-05 (222)	2.6340E-05 (222)	3.4619E-05 (143)
13	8.0214E-13 (222)	1.1374E-06 (150)	6.9750E-06 (23)	3.0684E-05 (146)	5.1048E-05 (184)
14	2.2945E-13 (247)	2.4246E-07 (247)	7.3435E-06 (289)	2.4558E-05 (282)	3.8624E-05 (289)
15	1.9610E-12 (247)	3.0060E-06 (247)	4.5964E-06 (362)	1.6417E-05 (240)	2.9896E-05 (240)
16	6.6857E-13 (184)	7.9107E-07 (184)	1.4725E-05 (247)	1.4142E-05 (240)	2.5554E-05 (240)
17	3.9150E-12 (189)	6.7702E-06 (189)	2.2982E-05 (263)	3.1264E-05 (247)	2.7146E-05 (247)
18	1.4527E-11 (189)	3.1644E-05 (189)	2.7268E-05 (189)	5.1924E-05 (263)	5.2529E-05 (247)
19	2.6999E-11 (247)	6.5206E-05 (247)	5.9149E-05 (247)	4.0549E-05 (252)	6.2445E-05 (252)
20	2.3602E-11 (163)	6.0720E-05 (163)	7.0742E-05 (163)	5.4596E-05 (163)	7.9926E-05 (252)
21	2.0794E-11 (189)	8.5644E-05 (189)	1.0402E-04 (163)	8.2601E-05 (163)	6.8016E-05 (163)
22	7.1401E-12 (189)	6.0720E-05 (163)	7.0743E-05 (163)	5.4716E-05 (163)	4.6680E-05 (265)
23	3.9239E-12 (248)	5.0839E-05 (186)	8.1116E-05 (189)	7.7219E-05 (186)	7.2831E-05 (189)
24	2.1759E-12 (163)	7.4204E-05 (247)	1.0391E-04 (247)	6.9872E-05 (247)	9.1766E-05 (158)
25	2.7022E-13 (163)	7.5430E-05 (248)	1.1859E-04 (186)	9.1377E-05 (186)	8.0000E-05 (156)
26	5.0686E-14 (247)	8.0893E-05 (248)	1.0948E-04 (156)	9.3880E-05 (156)	8.7037E-05 (156)
27	2.5022E-14 (247)	4.1640E-05 (247)	5.9043E-05 (156)	4.8731E-05 (156)	5.3109E-05 (310)
28	6.9758E-15 (247)	1.1486E-05 (248)	1.6388E-05 (154)	3.8322E-05 (154)	5.3285E-05 (339)
29	1.3707E-15 (154)	2.4893E-06 (248)	1.4452E-05 (186)	4.5953E-05 (27)	5.3309E-05 (186)
30	2.0476E-15 (212)	7.0907E-06 (248)	1.2855E-05 (241)	3.9548E-05 (163)	5.0469E-05 (228)
31	4.4600E-15 (212)	7.8669E-06 (163)	1.8268E-05 (212)	3.4379E-05 (223)	5.3835E-05 (196)
32	3.1948E-15 (212)	1.4686E-06 (163)	1.4884E-05 (196)	3.9892E-05 (196)	5.1997E-05 (307)
33	7.5263E-16 (212)	5.1679E-07 (196)	1.4373E-05 (196)	3.8536E-05 (196)	5.3098E-05 (196)
34	8.4401E-15 (248)	2.8030E-07 (186)	7.3014E-06 (186)	1.8862E-05 (186)	3.3338E-05 (240)
35	2.2747E-15 (248)	8.3206E-07 (215)	4.4475E-06 (87)	1.7814E-05 (238)	3.2946E-05 (139)
36	1.1120E-14 (171)	8.4414E-07 (136)	7.6074E-06 (211)	2.6093E-05 (64)	4.7695E-05 (64)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 1.1145E-03 DIRECTION= 9 DISTANCE= 1.5 KM DAY=249 TIME PERIOD= 4

YEAR= 72

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	1.1466E-13 (171, 5)	7.5884E-06 (211, 4)	1.3670E-04 (211, 4)	2.5061E-04 (111, 5)	3.5130E-04 (25, 5)
2	4.2976E-13 (229, 4)	3.8328E-05 (241, 5)	9.9459E-05 (110, 5)	2.5202E-04 (110, 5)	3.3278E-04 (110, 5)
3	4.9480E-12 (229, 4)	1.7851E-04 (241, 5)	2.7121E-04 (241, 5)	4.0670E-04 (215, 4)	4.8110E-04 (135, 5)
4	3.1391E-11 (229, 4)	3.7159E-04 (215, 4)	3.1096E-04 (215, 4)	4.0781E-04 (102, 5)	4.7592E-04 (110, 5)
5	1.0974E-10 (229, 4)	3.1075E-04 (215, 4)	3.3727E-04 (229, 4)	4.5381E-04 (102, 5)	6.1424E-04 (261, 5)
6	2.1138E-10 (229, 4)	5.5031E-04 (238, 5)	6.0043E-04 (238, 5)	4.8349E-04 (211, 5)	6.5921E-04 (211, 5)
7	2.2436E-10 (229, 4)	6.5133E-04 (229, 4)	7.6734E-04 (238, 5)	6.4717E-04 (238, 5)	6.0213E-04 (216, 5)
8	1.6562E-10 (238, 5)	5.0502E-04 (222, 4)	7.5797E-04 (249, 4)	5.9135E-04 (249, 4)	6.4281E-04 (216, 5)
9	1.9200E-10 (207, 4)	6.4458E-04 (207, 4)	1.1145E-03 (249, 4)	8.9461E-04 (249, 4)	7.7834E-04 (183, 4)
10	1.3685E-10 (150, 5)	6.0522E-04 (150, 5)	7.8454E-04 (189, 4)	6.4181E-04 (189, 4)	7.6692E-04 (183, 5)
11	1.2695E-10 (222, 4)	3.0036E-04 (150, 5)	3.3597E-04 (189, 4)	2.8317E-04 (248, 5)	4.1121E-04 (248, 5)
12	4.1915E-11 (222, 4)	7.4153E-05 (150, 5)	1.6589E-04 (222, 4)	1.9995E-04 (222, 4)	1.9839E-04 (146, 5)
13	6.4171E-12 (222, 4)	9.0990E-06 (150, 5)	5.5800E-05 (23, 5)	1.9719E-04 (23, 5)	3.1503E-04 (23, 5)
14	1.8356E-12 (247, 5)	1.9397E-06 (247, 5)	5.8635E-05 (289, 4)	1.9647E-04 (282, 4)	3.0788E-04 (289, 4)
15	1.5688E-11 (247, 5)	2.4048E-05 (247, 5)	3.6709E-05 (362, 5)	1.3134E-04 (240, 5)	2.3917E-04 (240, 5)
16	5.3486E-12 (184, 4)	6.3286E-06 (184, 4)	1.0987E-04 (263, 4)	1.1314E-04 (240, 5)	2.0443E-04 (240, 5)
17	3.1320E-11 (189, 5)	5.4161E-05 (189, 5)	1.0956E-04 (263, 4)	2.4034E-04 (247, 5)	1.9605E-04 (283, 5)
18	1.1621E-10 (189, 5)	2.5312E-04 (189, 5)	2.1621E-04 (189, 5)	3.3243E-04 (263, 5)	3.2587E-04 (157, 5)
19	2.1999E-10 (247, 5)	5.2165E-04 (247, 5)	4.7171E-04 (247, 5)	2.8362E-04 (247, 5)	2.9488E-04 (260, 4)
20	1.8882E-10 (163, 4)	4.8576E-04 (163, 4)	5.6594E-04 (163, 4)	4.3677E-04 (163, 4)	3.5089E-04 (163, 4)
21	1.6635E-10 (189, 5)	6.8490E-04 (189, 5)	7.9588E-04 (189, 5)	5.7914E-04 (189, 5)	4.5875E-04 (189, 5)
22	5.7121E-11 (189, 5)	4.8576E-04 (163, 4)	5.6594E-04 (163, 4)	4.3772E-04 (163, 4)	3.5790E-04 (163, 4)
23	3.1391E-11 (248, 5)	4.0671E-04 (186, 4)	6.2778E-04 (189, 5)	4.9777E-04 (189, 5)	4.9377E-04 (186, 4)
24	1.7407E-11 (163, 4)	3.6657E-04 (247, 4)	5.2944E-04 (247, 4)	4.6589E-04 (156, 4)	6.2671E-04 (158, 5)
25	2.1618E-12 (163, 4)	4.8638E-04 (247, 4)	7.7066E-04 (156, 4)	6.5640E-04 (156, 4)	5.7525E-04 (247, 4)
26	2.6456E-13 (247, 5)	4.6775E-04 (156, 4)	7.5301E-04 (248, 5)	6.1710E-04 (247, 4)	5.9562E-04 (156, 4)
27	1.4578E-13 (247, 5)	2.6728E-04 (156, 4)	3.7623E-04 (248, 5)	3.4506E-04 (247, 4)	3.9743E-04 (267, 4)
28	4.4261E-14 (247, 5)	9.1332E-05 (248, 5)	1.3111E-04 (154, 4)	2.6810E-04 (163, 4)	3.7243E-04 (339, 4)
29	1.0966E-14 (154, 4)	1.2019E-05 (248, 5)	1.0255E-04 (186, 5)	2.7201E-04 (186, 5)	3.6264E-04 (214, 4)
30	3.3025E-14 (248, 4)	5.5939E-05 (248, 4)	1.0284E-04 (241, 4)	3.1638E-04 (163, 4)	3.5833E-04 (228, 3)
31	3.9618E-14 (248, 5)	6.2935E-05 (163, 4)	1.3949E-04 (212, 5)	2.7494E-04 (223, 4)	3.7347E-04 (223, 4)
32	2.5558E-14 (212, 5)	1.1749E-05 (163, 4)	9.1664E-05 (212, 5)	2.0741E-04 (196, 4)	3.1699E-04 (307, 5)
33	6.0210E-15 (212, 5)	3.7454E-06 (186, 4)	1.0224E-04 (186, 4)	2.8319E-04 (229, 4)	3.7491E-04 (186, 4)
34	6.7521E-14 (248, 4)	2.2424E-06 (186, 4)	5.8411E-05 (186, 4)	1.5090E-04 (186, 4)	2.5362E-04 (223, 4)
35	1.8197E-14 (248, 4)	6.6565E-06 (215, 4)	3.5580E-05 (87, 4)	1.4252E-04 (238, 4)	2.6357E-04 (139, 4)
36	8.8957E-14 (171, 5)	6.7531E-06 (136, 4)	6.0852E-05 (211, 4)	2.0874E-04 (64, 4)	3.8156E-04 (64, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAX3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 1.1151E-03 DIRECTION= 5 DISTANCE= 1.5 KM DAY=182 TIME PERIOD= 5

YEAR= 73

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	4.6301E-11 (230, 4)	3.4889E-04 (163, 4)	5.4391E-04 (199, 4)	4.1700E-04 (199, 4)	4.2367E-04 (160, 4)
2	1.2015E-10 (230, 4)	4.4178E-04 (236, 4)	5.7733E-04 (236, 4)	4.4680E-04 (151, 4)	4.7780E-04 (199, 4)
3	1.7180E-10 (230, 4)	4.5358E-04 (199, 4)	6.9689E-04 (173, 5)	5.4132E-04 (173, 5)	5.9689E-04 (236, 4)
4	1.1137E-10 (192, 4)	4.8364E-04 (173, 5)	8.5418E-04 (182, 4)	7.2397E-04 (182, 4)	6.7024E-04 (182, 4)
5	1.6097E-10 (252, 4)	6.6936E-04 (222, 4)	1.1151E-03 (182, 5)	1.0034E-03 (192, 4)	9.2593E-04 (192, 4)
6	2.0077E-10 (222, 4)	6.7403E-04 (192, 4)	9.9809E-04 (192, 4)	8.4663E-04 (182, 5)	7.4766E-04 (192, 4)
7	1.4041E-10 (222, 4)	5.8199E-04 (222, 4)	7.6456E-04 (222, 4)	5.8127E-04 (216, 5)	7.5704E-04 (181, 4)
8	5.4110E-11 (222, 4)	1.9010E-04 (222, 4)	2.2268E-04 (222, 4)	5.4332E-04 (185, 4)	7.7494E-04 (185, 4)
9	1.4897E-11 (259, 4)	4.0183E-05 (259, 4)	1.6428E-04 (132, 5)	4.6650E-04 (132, 5)	6.8852E-04 (132, 5)
10	1.9597E-11 (218, 4)	2.3077E-04 (259, 4)	2.7289E-04 (259, 4)	3.9848E-04 (208, 4)	4.9525E-04 (140, 4)
11	2.7648E-12 (218, 4)	7.1307E-05 (218, 4)	1.7105E-04 (208, 4)	5.1005E-04 (208, 4)	5.2353E-04 (259, 4)
12	2.1724E-13 (218, 4)	9.0052E-06 (218, 4)	1.1918E-04 (143, 5)	2.6728E-04 (143, 5)	3.3009E-04 (143, 5)
13	6.7094E-13 (119, 5)	7.6637E-06 (119, 4)	5.9119E-05 (197, 5)	1.6860E-04 (103, 5)	2.6682E-04 (103, 5)
14	6.0069E-12 (131, 4)	5.8236E-05 (119, 4)	1.2841E-04 (138, 4)	2.7610E-04 (197, 5)	3.7676E-04 (197, 5)
15	2.3970E-11 (119, 5)	1.5512E-04 (119, 5)	1.5156E-04 (119, 5)	1.6880E-04 (103, 5)	3.0391E-04 (103, 5)
16	5.8603E-11 (119, 5)	4.1263E-04 (119, 4)	4.8179E-04 (119, 5)	3.6674E-04 (119, 5)	3.4665E-04 (95, 5)
17	1.5321E-10 (238, 5)	6.2819E-04 (119, 5)	7.0839E-04 (119, 5)	5.5481E-04 (119, 5)	4.5660E-04 (119, 5)
18	2.1461E-10 (131, 4)	6.6626E-04 (131, 4)	5.4809E-04 (131, 4)	4.2296E-04 (131, 4)	3.6799E-04 (190, 5)
19	1.1825E-10 (131, 4)	3.3109E-04 (131, 4)	2.5352E-04 (131, 4)	2.8868E-04 (103, 4)	3.3825E-04 (305, 4)
20	5.8493E-11 (221, 5)	2.2033E-04 (238, 5)	1.9709E-04 (238, 5)	2.4992E-04 (183, 4)	3.5408E-04 (183, 4)
21	5.1459E-11 (191, 4)	4.4740E-04 (221, 5)	5.5478E-04 (221, 5)	4.2718E-04 (221, 5)	5.8270E-04 (183, 4)
22	1.4173E-10 (191, 4)	4.1871E-04 (191, 4)	5.7669E-04 (191, 4)	5.4098E-04 (191, 4)	6.3758E-04 (221, 5)
23	2.1193E-10 (191, 5)	6.5945E-04 (191, 5)	7.9284E-04 (191, 5)	7.2774E-04 (221, 5)	7.1281E-04 (221, 5)
24	1.7989E-10 (191, 4)	5.5447E-04 (191, 4)	6.7955E-04 (191, 5)	5.3245E-04 (191, 5)	5.7007E-04 (191, 4)
25	8.2894E-11 (191, 4)	2.4774E-04 (191, 5)	3.5669E-04 (191, 4)	4.1952E-04 (191, 4)	4.0318E-04 (240, 5)
26	2.1048E-11 (191, 4)	5.3191E-05 (191, 5)	1.2810E-04 (191, 4)	3.0658E-04 (154, 5)	4.2195E-04 (154, 5)
27	2.9450E-12 (191, 4)	9.2637E-06 (158, 4)	1.9432E-04 (158, 4)	4.8269E-04 (158, 4)	5.3122E-04 (260, 5)
28	3.0132E-13 (191, 5)	1.0083E-05 (158, 4)	2.3562E-04 (158, 4)	3.4056E-04 (238, 4)	5.2391E-04 (238, 4)
29	2.4548E-14 (260, 5)	1.1942E-05 (233, 5)	8.1982E-05 (158, 4)	2.4239E-04 (158, 4)	3.8134E-04 (238, 3)
30	3.1748E-14 (204, 5)	8.1157E-06 (261, 4)	8.3259E-05 (233, 5)	2.6897E-04 (204, 5)	4.2747E-04 (238, 3)
31	3.1748E-14 (204, 5)	6.6137E-05 (261, 4)	1.4052E-04 (171, 4)	2.7070E-04 (204, 5)	3.3565E-04 (112, 4)
32	9.1750E-14 (261, 4)	2.6783E-04 (261, 4)	5.3143E-04 (261, 4)	3.9707E-04 (224, 5)	5.0259E-04 (217, 4)
33	2.1478E-13 (199, 4)	5.3897E-04 (261, 4)	6.6757E-04 (233, 5)	5.2267E-04 (233, 5)	6.6163E-04 (224, 5)
34	2.9570E-12 (199, 4)	2.7781E-04 (233, 5)	2.8587E-04 (233, 5)	3.7304E-04 (217, 4)	5.6776E-04 (217, 4)
35	2.2432E-11 (199, 4)	2.6783E-04 (261, 4)	5.3143E-04 (261, 4)	3.9328E-04 (261, 4)	3.7492E-04 (150, 4)
36	9.8317E-12 (236, 4)	1.9598E-04 (199, 4)	1.8482E-04 (199, 4)	3.4120E-04 (160, 4)	4.2193E-04 (160, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.5210E-04 DIRECTION= 6 DISTANCE= 1.5 KM DAY=222

YEAR= 73

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
DIR					
1	5.7876E-12 (236)	4.3616E-05 (163)	6.7989E-05 (199)	5.2125E-05 (199)	6.0018E-05 (163)
2	1.5019E-11 (236)	5.5222E-05 (236)	7.2167E-05 (236)	7.2590E-05 (199)	6.2765E-05 (147)
3	2.1475E-11 (236)	5.6698E-05 (199)	8.7231E-05 (173)	9.0687E-05 (236)	9.4308E-05 (215)
4	1.3921E-11 (192)	6.3521E-05 (236)	1.3876E-04 (173)	1.1533E-04 (173)	1.0360E-04 (173)
5	2.0121E-11 (252)	8.4867E-05 (192)	1.3626E-04 (192)	1.3540E-04 (192)	1.4267E-04 (192)
6	2.5097E-11 (222)	1.1070E-04 (222)	1.5210E-04 (222)	1.1874E-04 (222)	1.1873E-04 (209)
7	1.7553E-11 (222)	7.3039E-05 (222)	1.0024E-04 (222)	1.1224E-04 (187)	1.4852E-04 (187)
8	6.7675E-12 (222)	2.4683E-05 (222)	4.4575E-05 (222)	1.0001E-04 (185)	1.3788E-04 (185)
9	1.8621E-12 (259)	5.1557E-06 (259)	3.8081E-05 (132)	1.0604E-04 (132)	1.4352E-04 (152)
10	2.4496E-12 (218)	2.8949E-05 (259)	3.9651E-05 (259)	7.1666E-05 (132)	1.0630E-04 (132)
11	3.4560E-13 (218)	8.9141E-06 (218)	2.3072E-05 (169)	6.3760E-05 (208)	8.3799E-05 (169)
12	2.7155E-14 (218)	1.1311E-06 (218)	1.5066E-05 (143)	3.4625E-05 (143)	6.2688E-05 (100)
13	8.4025E-14 (119)	1.2499E-06 (119)	7.3913E-06 (197)	2.5467E-05 (103)	4.5975E-05 (103)
14	7.5087E-13 (131)	1.0655E-05 (119)	1.6093E-05 (119)	3.4512E-05 (197)	4.7095E-05 (197)
15	2.9990E-12 (119)	1.0220E-05 (131)	9.1704E-06 (138)	3.0425E-05 (118)	4.5118E-05 (119)
16	7.3300E-12 (119)	4.1386E-05 (131)	3.1690E-05 (131)	3.8518E-05 (95)	5.7714E-05 (95)
17	1.9152E-11 (238)	8.3283E-05 (131)	6.8512E-05 (131)	5.2870E-05 (131)	4.3595E-05 (95)
18	2.6826E-11 (131)	8.3283E-05 (131)	8.4590E-05 (238)	6.3766E-05 (238)	6.3911E-05 (119)
19	1.4782E-11 (131)	4.1386E-05 (131)	3.2738E-05 (233)	4.0500E-05 (233)	4.5625E-05 (81)
20	7.3117E-12 (221)	2.7541E-05 (238)	2.4636E-05 (238)	5.0040E-05 (183)	7.8423E-05 (183)
21	1.2057E-11 (191)	5.5946E-05 (221)	7.2929E-05 (221)	6.9051E-05 (221)	1.0599E-04 (183)
22	2.7130E-11 (221)	8.5193E-05 (221)	1.1516E-04 (221)	1.0645E-04 (233)	1.0352E-04 (191)
23	2.1375E-11 (221)	6.4725E-05 (221)	9.5086E-05 (221)	1.0824E-04 (221)	1.2231E-04 (221)
24	9.2801E-12 (221)	2.4568E-05 (221)	4.0789E-05 (221)	6.0470E-05 (221)	7.8516E-05 (120)
25	2.2200E-12 (221)	3.8074E-05 (260)	7.8277E-05 (191)	7.7124E-05 (191)	7.6198E-05 (240)
26	2.9264E-13 (221)	1.2588E-05 (191)	2.2535E-05 (191)	6.0499E-05 (154)	9.1616E-05 (154)
27	2.6225E-14 (260)	1.3754E-06 (191)	2.4303E-05 (158)	6.0876E-05 (158)	8.7236E-05 (154)
28	6.6046E-14 (191)	1.2603E-06 (158)	2.9460E-05 (158)	6.6022E-05 (239)	9.4782E-05 (239)
29	3.0685E-15 (260)	1.4927E-06 (233)	1.4698E-05 (238)	5.3627E-05 (238)	9.1335E-05 (238)
30	3.9684E-15 (204)	1.9145E-06 (261)	1.0852E-05 (239)	3.7309E-05 (238)	6.2489E-05 (171)
31	5.1527E-15 (217)	8.2671E-06 (261)	1.7908E-05 (171)	3.7238E-05 (217)	4.4843E-05 (217)
32	1.1469E-14 (261)	3.3479E-05 (261)	6.6428E-05 (261)	7.8007E-05 (224)	1.0909E-04 (224)
33	2.6847E-14 (199)	6.7371E-05 (261)	8.3446E-05 (233)	9.0917E-05 (224)	1.2391E-04 (224)
34	3.0962E-13 (199)	3.4726E-05 (233)	3.5734E-05 (233)	6.9075E-05 (217)	9.2033E-05 (261)
35	2.8040E-12 (199)	3.3479E-05 (261)	6.6428E-05 (261)	4.9160E-05 (261)	7.1022E-05 (177)
36	1.2290E-12 (236)	2.4497E-05 (199)	2.9815E-05 (160)	7.1292E-05 (160)	9.1560E-05 (160)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.4062E-04 DIRECTION= 27 DISTANCE= 1.5 KM DAY=180

YEAR= 74

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
DIR					
1	1.3088E-11 (237)	5.1847E-05 (161)	6.7010E-05 (161)	6.1803E-05 (242)	7.1252E-05 (221)
2	3.3231E-12 (237)	3.1778E-05 (161)	3.9062E-05 (161)	6.2503E-05 (207)	5.7319E-05 (221)
3	6.7637E-12 (199)	1.8073E-05 (199)	3.0416E-05 (152)	6.3238E-05 (207)	8.2945E-05 (152)
4	3.6219E-12 (221)	2.7363E-05 (200)	5.3916E-05 (199)	4.6317E-05 (152)	7.6869E-05 (229)
5	5.3786E-13 (221)	5.9090E-05 (200)	8.5629E-05 (199)	7.6478E-05 (158)	9.4412E-05 (200)
6	2.8706E-12 (156)	6.3457E-05 (200)	6.2907E-05 (199)	8.0365E-05 (151)	1.1790E-04 (151)
7	8.5846E-12 (199)	3.0995E-05 (156)	3.6292E-05 (156)	8.2324E-05 (190)	1.0021E-04 (197)
8	2.0536E-12 (199)	3.7541E-05 (109)	6.4798E-05 (109)	6.6659E-05 (197)	9.6588E-05 (148)
9	2.7070E-13 (199)	5.7112E-05 (109)	9.7808E-05 (156)	8.5383E-05 (173)	1.2030E-04 (198)
10	4.3469E-14 (173)	4.3176E-05 (109)	7.5602E-05 (109)	6.8177E-05 (156)	9.9452E-05 (211)
11	3.3968E-14 (223)	4.1686E-05 (211)	6.0081E-05 (223)	4.8641E-05 (223)	6.8024E-05 (167)
12	2.6446E-14 (211)	2.3910E-05 (223)	3.1043E-05 (223)	4.5639E-05 (167)	8.0875E-05 (167)
13	3.5627E-14 (211)	6.3314E-06 (223)	1.2379E-05 (237)	3.2758E-05 (237)	4.5745E-05 (167)
14	5.8294E-15 (156)	2.3162E-06 (234)	4.0407E-06 (237)	1.4527E-05 (99)	3.4168E-05 (99)
15	8.5276E-15 (234)	1.4270E-05 (234)	2.6675E-05 (234)	1.8751E-05 (234)	2.5034E-05 (96)
16	3.9201E-15 (196)	2.7125E-06 (211)	7.9939E-06 (282)	3.1194E-05 (282)	5.3825E-05 (338)
17	3.1641E-14 (234)	2.7255E-06 (243)	6.4611E-06 (180)	2.3576E-05 (282)	4.5850E-05 (338)
18	2.4930E-14 (234)	1.5657E-05 (243)	2.2648E-05 (243)	3.4916E-05 (108)	5.7035E-05 (108)
19	1.9638E-13 (233)	1.8876E-05 (234)	3.6310E-05 (234)	2.8982E-05 (108)	4.2554E-05 (108)
20	1.6784E-12 (233)	4.2307E-05 (196)	3.8858E-05 (196)	3.2988E-05 (114)	5.3866E-05 (282)
21	7.9040E-12 (233)	4.4696E-05 (243)	7.1992E-05 (243)	5.5853E-05 (196)	5.6564E-05 (264)
22	2.0511E-11 (233)	7.2320E-05 (233)	7.2002E-05 (196)	5.1415E-05 (196)	6.7118E-05 (171)
23	1.3536E-11 (190)	7.9919E-05 (190)	1.1951E-04 (190)	9.3042E-05 (190)	8.7108E-05 (171)
24	2.1752E-11 (204)	7.9919E-05 (190)	1.1101E-04 (233)	8.5796E-05 (233)	7.6108E-05 (190)
25	1.0032E-11 (233)	5.1020E-05 (238)	6.4720E-05 (238)	5.9398E-05 (110)	9.1550E-05 (286)
26	1.4026E-11 (180)	5.5001E-05 (180)	9.1973E-05 (180)	1.0165E-04 (110)	1.0834E-04 (305)
27	2.5257E-11 (227)	8.8905E-05 (180)	1.4062E-04 (180)	1.1360E-04 (260)	1.3008E-04 (110)
28	2.5257E-11 (227)	8.0904E-05 (172)	1.3682E-04 (227)	1.0810E-04 (227)	1.0599E-04 (172)
29	1.3917E-11 (227)	4.9107E-05 (227)	8.4496E-05 (243)	7.5428E-05 (221)	8.7995E-05 (240)
30	5.2861E-12 (172)	4.5507E-05 (221)	6.4718E-05 (164)	5.4816E-05 (221)	6.1064E-05 (240)
31	8.9418E-12 (221)	5.4112E-05 (243)	6.3522E-05 (159)	7.0928E-05 (237)	9.5680E-05 (237)
32	2.1845E-11 (221)	6.7011E-05 (221)	8.1007E-05 (159)	7.8109E-05 (97)	7.8277E-05 (241)
33	2.4244E-11 (159)	7.6846E-05 (97)	9.2878E-05 (97)	9.8842E-05 (97)	1.1074E-04 (97)
34	2.2377E-11 (237)	5.2323E-05 (237)	7.2068E-05 (226)	8.7162E-05 (159)	8.4091E-05 (221)
35	1.5504E-11 (221)	3.5798E-05 (221)	4.8439E-05 (221)	6.9897E-05 (237)	8.0597E-05 (242)
36	2.1229E-11 (221)	5.1730E-05 (221)	6.5356E-05 (221)	5.9072E-05 (221)	5.6830E-05 (144)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 1.1250E-03 DIRECTION= 27 DISTANCE= 1.5 KM DAY=180 TIME PERIOD= 4

YEAR= 74

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	1.0470E-10 (237, 5)	4.1477E-04 (161, 4)	5.3608E-04 (161, 4)	4.1663E-04 (161, 4)	4.2393E-04 (242, 5)
2	2.6585E-11 (237, 5)	2.5422E-04 (161, 4)	3.1250E-04 (161, 4)	2.6155E-04 (207, 4)	4.1124E-04 (207, 5)
3	5.4110E-11 (199, 5)	1.4458E-04 (199, 5)	1.7818E-04 (207, 4)	2.9058E-04 (158, 5)	3.6049E-04 (86, 4)
4	2.8975E-11 (221, 5)	2.1891E-04 (200, 4)	4.3133E-04 (199, 5)	3.4715E-04 (207, 4)	5.9324E-04 (229, 4)
5	4.3029E-12 (221, 5)	4.7271E-04 (200, 4)	6.8503E-04 (199, 5)	5.4402E-04 (234, 5)	7.3961E-04 (234, 5)
6	2.2938E-11 (156, 4)	5.0759E-04 (200, 4)	5.0325E-04 (199, 5)	5.0318E-04 (151, 5)	6.8546E-04 (151, 5)
7	6.8677E-11 (199, 5)	2.4607E-04 (156, 4)	2.5880E-04 (156, 4)	4.8204E-04 (205, 5)	5.5283E-04 (200, 4)
8	1.6429E-11 (199, 5)	3.0032E-04 (109, 5)	5.1839E-04 (109, 5)	4.8583E-04 (157, 5)	6.4907E-04 (197, 5)
9	2.1656E-12 (199, 5)	4.5689E-04 (109, 5)	7.8244E-04 (156, 4)	6.6546E-04 (156, 4)	6.6287E-04 (243, 5)
10	3.4775E-13 (173, 5)	3.4541E-04 (109, 5)	6.0481E-04 (109, 5)	5.4541E-04 (156, 4)	5.6997E-04 (156, 4)
11	2.7175E-13 (223, 4)	2.0924E-04 (211, 5)	4.7713E-04 (223, 4)	3.7006E-04 (223, 4)	4.2202E-04 (200, 5)
12	2.1157E-13 (211, 4)	1.9123E-04 (223, 4)	3.4704E-04 (211, 5)	2.8564E-04 (211, 5)	3.7234E-04 (195, 5)
13	2.8502E-13 (211, 4)	5.0642E-05 (223, 4)	9.9035E-05 (237, 5)	2.6207E-04 (237, 5)	3.5559E-04 (237, 5)
14	4.6635E-14 (156, 4)	1.8530E-05 (234, 4)	3.2326E-05 (237, 5)	8.5935E-05 (99, 5)	1.8298E-04 (99, 5)
15	6.8220E-14 (234, 4)	1.1416E-04 (234, 4)	2.1340E-04 (234, 4)	1.5001E-04 (234, 4)	1.9552E-04 (128, 4)
16	3.1361E-14 (196, 4)	2.1700E-05 (211, 4)	5.7393E-05 (109, 6)	1.9921E-04 (282, 4)	3.7737E-04 (338, 5)
17	2.5313E-13 (234, 4)	2.1804E-05 (243, 5)	5.1689E-05 (180, 5)	1.7407E-04 (180, 5)	2.7608E-04 (41, 5)
18	1.9944E-13 (234, 4)	1.2526E-04 (243, 5)	1.8110E-04 (243, 5)	2.1964E-04 (311, 5)	3.8760E-04 (311, 5)
19	1.5710E-12 (233, 4)	1.5100E-04 (234, 4)	2.9048E-04 (234, 4)	2.1120E-04 (108, 5)	2.9426E-04 (108, 5)
20	1.3427E-11 (233, 4)	3.3845E-04 (196, 4)	3.1086E-04 (196, 4)	2.6326E-04 (114, 4)	3.7986E-04 (114, 4)
21	6.3232E-11 (233, 4)	3.5757E-04 (243, 5)	5.7593E-04 (243, 5)	4.4682E-04 (196, 4)	3.8470E-04 (281, 4)
22	1.6408E-10 (233, 4)	5.7856E-04 (233, 4)	5.7602E-04 (196, 4)	4.1132E-04 (196, 4)	4.3519E-04 (265, 4)
23	1.0829E-10 (190, 4)	6.3935E-04 (190, 4)	9.5608E-04 (190, 4)	7.4433E-04 (190, 4)	6.0887E-04 (190, 4)
24	1.7491E-10 (204, 4)	6.3935E-04 (190, 4)	8.8804E-04 (233, 4)	6.8637E-04 (233, 4)	5.9276E-04 (286, 5)
25	8.0254E-11 (233, 4)	4.0816E-04 (238, 4)	5.1776E-04 (238, 4)	4.2216E-04 (286, 5)	6.2436E-04 (204, 4)
26	1.1221E-10 (180, 4)	4.4001E-04 (180, 4)	7.3570E-04 (180, 4)	7.5693E-04 (180, 4)	6.8251E-04 (260, 4)
27	2.0206E-10 (227, 4)	7.1124E-04 (180, 4)	1.1250E-03 (180, 4)	9.0878E-04 (260, 4)	8.9603E-04 (110, 4)
28	2.0206E-10 (227, 4)	6.4696E-04 (172, 4)	1.0945E-03 (227, 4)	8.6478E-04 (227, 4)	7.1923E-04 (164, 4)
29	1.1134E-10 (227, 4)	3.9283E-04 (227, 4)	6.7596E-04 (243, 4)	6.0342E-04 (221, 4)	7.0356E-04 (240, 4)
30	4.2289E-11 (172, 4)	3.6405E-04 (221, 4)	5.1752E-04 (164, 4)	4.3836E-04 (221, 4)	4.8851E-04 (240, 4)
31	7.1534E-11 (221, 4)	4.3289E-04 (243, 4)	5.0799E-04 (159, 5)	5.6140E-04 (237, 4)	7.4310E-04 (237, 4)
32	1.7470E-10 (221, 4)	5.3546E-04 (221, 4)	6.4189E-04 (159, 5)	5.5195E-04 (221, 4)	5.5487E-04 (243, 4)
33	1.9395E-10 (159, 5)	6.1477E-04 (97, 5)	7.4080E-04 (97, 5)	7.6629E-04 (97, 5)	6.6291E-04 (221, 4)
34	1.7468E-10 (221, 4)	4.1852E-04 (237, 5)	5.7654E-04 (226, 4)	4.6611E-04 (226, 4)	5.2476E-04 (97, 5)
35	7.1449E-11 (221, 4)	1.7676E-04 (221, 4)	2.7230E-04 (159, 5)	5.2631E-04 (159, 5)	4.5972E-04 (237, 5)
36	1.5373E-10 (221, 5)	3.8237E-04 (221, 5)	4.5322E-04 (221, 5)	3.4291E-04 (221, 5)	3.9644E-04 (210, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 1.0222E-03 DIRECTION= 1 DISTANCE= 1.5 KM DAY=162 TIME PERIOD= 4

YEAR= 75

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	2.2436E-10 (162, 4)	7.0903E-04 (162, 4)	1.0222E-03 (162, 4)	7.9609E-04 (162, 4)	7.5727E-04 (120, 4)
2	1.8407E-10 (126, 4)	6.6543E-04 (126, 4)	8.6850E-04 (126, 4)	6.8830E-04 (126, 4)	5.6590E-04 (126, 4)
3	1.5393E-10 (126, 4)	5.5904E-04 (179, 5)	5.9913E-04 (179, 5)	4.6247E-04 (179, 5)	4.8898E-04 (216, 5)
4	2.0137E-10 (171, 4)	6.6298E-04 (145, 4)	6.9902E-04 (179, 5)	5.7233E-04 (145, 4)	5.7572E-04 (171, 4)
5	1.4948E-10 (171, 4)	4.5372E-04 (181, 5)	4.6124E-04 (181, 5)	5.9217E-04 (161, 4)	7.6809E-04 (132, 4)
6	1.9554E-10 (181, 5)	4.2502E-04 (181, 5)	5.2223E-04 (185, 4)	4.9071E-04 (181, 5)	5.7876E-04 (176, 4)
7	1.0151E-10 (181, 5)	4.8044E-04 (185, 4)	9.1776E-04 (185, 4)	7.7064E-04 (176, 4)	6.3176E-04 (176, 4)
8	6.3759E-11 (243, 4)	3.6667E-04 (176, 4)	4.9342E-04 (176, 4)	4.6298E-04 (230, 4)	5.8845E-04 (115, 4)
9	4.2289E-11 (176, 4)	2.4036E-04 (206, 4)	2.9492E-04 (185, 4)	5.1060E-04 (166, 5)	7.3139E-04 (166, 5)
10	4.5607E-11 (97, 4)	4.8369E-04 (206, 4)	5.4481E-04 (206, 4)	4.2054E-04 (206, 4)	4.9424E-04 (180, 4)
11	9.3246E-11 (97, 4)	5.4229E-04 (97, 4)	5.4481E-04 (206, 4)	4.2054E-04 (206, 4)	3.9858E-04 (126, 5)
12	1.0505E-10 (97, 4)	2.7072E-04 (243, 4)	2.5200E-04 (206, 4)	2.8765E-04 (128, 4)	4.3196E-04 (226, 4)
13	5.0053E-11 (177, 4)	2.0220E-04 (177, 4)	2.2914E-04 (177, 4)	2.7611E-04 (230, 5)	3.4007E-04 (180, 5)
14	2.2307E-11 (97, 4)	1.0124E-04 (97, 4)	9.5593E-05 (144, 4)	2.4559E-04 (180, 5)	3.3459E-04 (180, 5)
15	4.2044E-12 (97, 4)	2.4929E-04 (144, 4)	4.1364E-04 (144, 4)	3.2323E-04 (144, 4)	3.1521E-04 (297, 4)
16	4.3666E-13 (97, 4)	4.6778E-04 (144, 4)	8.2789E-04 (144, 4)	6.8098E-04 (144, 4)	5.5834E-04 (144, 4)
17	2.2806E-13 (144, 4)	2.6746E-04 (177, 4)	3.1192E-04 (177, 4)	2.9957E-04 (95, 4)	4.2121E-04 (95, 4)
18	3.4019E-13 (176, 4)	9.0356E-05 (143, 4)	1.4056E-04 (143, 4)	1.9819E-04 (95, 4)	2.8147E-04 (143, 6)
19	2.0033E-12 (177, 4)	4.6539E-05 (144, 4)	6.5970E-05 (94, 4)	1.9819E-04 (94, 4)	2.9841E-04 (94, 4)
20	2.2347E-13 (143, 4)	8.9198E-05 (176, 4)	1.0057E-04 (176, 4)	2.4342E-04 (106, 5)	3.4362E-04 (106, 5)
21	1.8688E-13 (143, 4)	3.8732E-04 (176, 4)	4.9574E-04 (176, 4)	4.7182E-04 (176, 4)	5.1229E-04 (143, 4)
22	8.6115E-14 (143, 4)	1.5827E-04 (143, 4)	2.8727E-04 (143, 4)	3.1757E-04 (143, 4)	3.7048E-04 (143, 4)
23	5.4976E-14 (116, 4)	1.0162E-04 (116, 4)	1.7573E-04 (116, 4)	3.2094E-04 (181, 4)	5.2749E-04 (181, 4)
24	2.6529E-13 (217, 4)	4.2396E-04 (116, 4)	5.9018E-04 (176, 4)	5.7084E-04 (236, 4)	4.6356E-04 (116, 4)
25	3.4411E-12 (217, 4)	1.2646E-04 (176, 4)	1.6313E-04 (236, 4)	3.9048E-04 (236, 4)	6.0348E-04 (97, 4)
26	5.9444E-12 (176, 4)	4.4384E-05 (217, 4)	1.4023E-04 (247, 4)	4.2279E-04 (247, 4)	6.2266E-04 (247, 4)
27	1.7407E-11 (219, 4)	2.2171E-04 (217, 4)	2.1505E-04 (217, 4)	4.7835E-04 (247, 4)	6.1319E-04 (248, 5)
28	7.7233E-11 (219, 4)	1.7039E-04 (219, 4)	2.6055E-04 (143, 5)	4.2781E-04 (184, 4)	4.0220E-04 (184, 5)
29	1.8882E-10 (219, 4)	4.8639E-04 (219, 4)	5.8858E-04 (219, 4)	4.7887E-04 (219, 4)	4.2622E-04 (219, 4)
30	1.6565E-10 (217, 4)	4.8762E-04 (143, 5)	7.7120E-04 (143, 5)	7.6157E-04 (219, 4)	7.5326E-04 (219, 4)
31	1.4948E-10 (242, 4)	4.8639E-04 (219, 4)	6.5901E-04 (143, 5)	5.2835E-04 (143, 5)	4.8208E-04 (219, 4)
32	7.7233E-11 (219, 4)	1.8308E-04 (143, 5)	2.6125E-04 (143, 5)	3.0786E-04 (235, 4)	4.4340E-04 (168, 4)
33	1.7407E-11 (219, 4)	3.9309E-05 (143, 5)	1.7258E-04 (114, 5)	4.8808E-04 (114, 5)	6.8667E-04 (114, 5)
34	3.1391E-11 (162, 4)	7.0539E-05 (162, 4)	1.9858E-04 (114, 5)	4.0433E-04 (260, 4)	5.9503E-04 (260, 4)
35	6.0130E-11 (218, 4)	1.6210E-04 (218, 4)	1.9368E-04 (218, 4)	2.9476E-04 (162, 4)	3.9004E-04 (260, 4)
36	1.6562E-10 (218, 4)	5.3196E-04 (218, 4)	6.9416E-04 (218, 4)	5.1983E-04 (218, 4)	5.1214E-04 (120, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.3409E-04 DIRECTION= 9 DISTANCE= 2.5 KM DAY=179

YEAR= 75

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	2.8045E-11 (162)	8.8628E-05 (162)	1.2778E-04 (162)	9.9512E-05 (162)	9.4659E-05 (120)
2	2.3009E-11 (126)	8.3178E-05 (126)	1.0856E-04 (126)	8.6038E-05 (126)	7.3187E-05 (218)
3	1.9242E-11 (126)	6.9884E-05 (179)	7.4963E-05 (179)	6.7114E-05 (126)	7.8664E-05 (171)
4	2.5172E-11 (171)	8.2897E-05 (145)	8.7378E-05 (179)	7.3313E-05 (145)	9.8501E-05 (161)
5	1.8685E-11 (171)	5.6715E-05 (181)	5.7655E-05 (181)	8.0355E-05 (171)	9.6232E-05 (132)
6	2.4443E-11 (181)	5.3128E-05 (181)	6.8656E-05 (185)	6.9397E-05 (146)	8.1558E-05 (167)
7	1.2689E-11 (181)	6.0471E-05 (185)	1.2490E-04 (176)	1.0490E-04 (176)	1.3050E-04 (178)
8	7.9699E-12 (243)	4.5857E-05 (176)	6.5316E-05 (176)	9.2043E-05 (115)	1.1588E-04 (115)
9	5.2861E-12 (176)	3.0925E-05 (206)	3.9842E-05 (243)	8.3091E-05 (165)	1.3409E-04 (179)
10	5.7017E-12 (97)	6.0739E-05 (206)	7.2511E-05 (206)	6.8011E-05 (166)	1.0441E-04 (166)
11	1.1656E-11 (97)	6.7828E-05 (97)	6.8410E-05 (206)	5.3109E-05 (206)	6.9356E-05 (140)
12	1.3131E-11 (97)	3.3839E-05 (243)	3.1512E-05 (206)	4.6149E-05 (226)	5.5036E-05 (97)
13	6.2567E-12 (177)	2.5286E-05 (177)	2.9715E-05 (177)	3.7798E-05 (230)	5.8808E-05 (230)
14	2.7883E-12 (97)	1.2654E-05 (97)	1.1949E-05 (144)	3.4877E-05 (180)	5.5041E-05 (244)
15	5.2555E-13 (97)	3.1161E-05 (144)	5.1705E-05 (144)	4.0404E-05 (144)	5.2963E-05 (244)
16	5.4583E-14 (97)	5.8473E-05 (144)	1.0349E-04 (144)	8.5122E-05 (144)	6.9793E-05 (144)
17	2.8507E-14 (144)	3.3432E-05 (177)	3.8990E-05 (177)	5.0209E-05 (95)	6.3938E-05 (144)
18	4.2523E-14 (176)	1.1331E-05 (143)	2.2149E-05 (143)	3.1517E-05 (144)	3.8897E-05 (95)
19	2.5041E-13 (177)	5.8173E-06 (144)	8.3515E-06 (94)	2.5196E-05 (94)	3.7983E-05 (94)
20	2.7933E-14 (143)	1.1150E-05 (176)	1.7101E-05 (106)	5.0301E-05 (106)	7.4635E-05 (106)
21	2.3360E-14 (143)	4.8415E-05 (176)	6.1968E-05 (176)	5.9019E-05 (176)	6.6203E-05 (106)
22	1.0764E-14 (143)	1.9784E-05 (143)	3.5912E-05 (143)	3.9778E-05 (143)	6.1830E-05 (141)
23	6.8720E-15 (116)	1.2702E-05 (116)	2.2069E-05 (116)	4.0118E-05 (181)	6.5936E-05 (181)
24	3.3161E-14 (217)	5.2995E-05 (116)	7.3816E-05 (176)	7.1481E-05 (236)	5.9912E-05 (116)
25	4.3014E-13 (217)	1.5807E-05 (176)	2.2827E-05 (250)	5.9011E-05 (250)	8.1851E-05 (250)
26	7.4305E-13 (176)	5.5480E-06 (217)	2.5061E-05 (250)	7.1982E-05 (247)	1.1513E-04 (247)
27	2.1759E-12 (219)	2.7714E-05 (217)	2.8845E-05 (248)	8.5299E-05 (248)	1.3038E-04 (248)
28	9.6541E-12 (219)	2.1299E-05 (219)	3.5906E-05 (184)	6.3397E-05 (248)	9.2871E-05 (248)
29	2.3602E-11 (219)	6.0799E-05 (219)	7.3585E-05 (219)	6.0073E-05 (219)	8.0124E-05 (250)
30	2.0706E-11 (217)	6.0955E-05 (143)	9.7529E-05 (143)	9.6706E-05 (219)	1.0027E-04 (219)
31	1.8685E-11 (242)	6.0799E-05 (219)	8.3366E-05 (143)	7.0066E-05 (143)	6.7602E-05 (114)
32	9.6541E-12 (219)	2.2965E-05 (143)	3.7318E-05 (143)	4.9879E-05 (114)	7.1866E-05 (258)
33	2.1759E-12 (219)	5.0311E-06 (143)	2.3858E-05 (114)	6.5732E-05 (114)	9.1258E-05 (114)
34	3.9239E-12 (162)	8.8174E-06 (162)	2.6140E-05 (114)	5.0541E-05 (260)	7.4379E-05 (260)
35	7.5162E-12 (218)	2.0262E-05 (218)	2.4210E-05 (218)	3.8136E-05 (161)	6.0343E-05 (114)
36	2.0702E-11 (218)	6.6495E-05 (218)	8.6770E-05 (218)	6.4979E-05 (218)	6.4017E-05 (120)

COMPOSITE HIGHEST,SECOND-HIGHEST 24-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	0.	89.	128.	100.	95.
2	0.	83.	109.	93.	76.
3	0.	70.	108.	94.	94.
4	0.	83.	139.	115.	104.
5	0.	85.	136.	135.	143.
6	0.	111.	152.	119.	119.
7	0.	82.	125.	112.	149.
8	0.	63.	96.	100.	138.
9	0.	81.	139.	113.	158.
10	0.	76.	98.	106.	141.
11	0.	68.	68.	64.	84.
12	0.	34.	32.	92.	94.
13	0.	25.	34.	69.	61.
14	0.	14.	27.	35.	55.
15	0.	48.	63.	52.	65.
16	0.	58.	103.	85.	72.
17	0.	83.	69.	53.	64.
18	0.	83.	85.	64.	64.
19	0.	65.	59.	41.	62.
20	0.	61.	71.	55.	80.
21	0.	86.	104.	83.	106.
22	0.	85.	115.	106.	104.
23	0.	80.	120.	108.	122.
24	0.	80.	111.	86.	92.
25	0.	75.	119.	91.	92.
26	0.	81.	109.	102.	115.
27	0.	89.	141.	114.	130.
28	0.	81.	137.	108.	106.
29	0.	61.	84.	75.	91.
30	0.	61.	98.	97.	100.
31	0.	61.	83.	71.	96.
32	0.	67.	81.	78.	109.
33	0.	77.	93.	99.	124.
34	0.	52.	72.	87.	92.
35	0.	36.	66.	76.	104.
36	0.	66.	87.	71.	107.

COMPOSITE HIGHEST, SECOND-HIGHEST 3-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	0.	709.	1022.	796.	757.
2	0.	665.	869.	688.	605.
3	0.	559.	864.	742.	635.
4	0.	663.	854.	724.	670.
5	0.	669.	1115.	1003.	926.
6	0.	674.	998.	847.	748.
7	0.	651.	918.	771.	757.
8	0.	505.	758.	644.	775.
9	0.	645.	1114.	895.	778.
10	0.	605.	785.	642.	767.
11	0.	542.	545.	510.	524.
12	0.	271.	347.	453.	659.
13	0.	202.	229.	276.	356.
14	0.	109.	216.	276.	377.
15	0.	304.	502.	377.	481.
16	0.	468.	828.	681.	558.
17	0.	628.	708.	555.	457.
18	0.	666.	548.	423.	388.
19	0.	522.	472.	289.	338.
20	0.	486.	566.	437.	380.
21	0.	685.	796.	579.	583.
22	0.	579.	577.	541.	638.
23	0.	659.	956.	744.	713.
24	0.	639.	888.	686.	627.
25	0.	486.	771.	656.	624.
26	0.	468.	753.	757.	683.
27	0.	711.	1125.	909.	896.
28	0.	647.	1095.	865.	719.
29	0.	486.	676.	603.	704.
30	0.	488.	771.	762.	753.
31	0.	486.	659.	561.	743.
32	0.	535.	642.	552.	555.
33	0.	615.	741.	766.	687.
34	0.	419.	577.	466.	595.
35	0.	268.	531.	566.	766.
36	0.	532.	694.	520.	597.

RING DISTANCES(KM)= 3.00 3.50 4.00 4.50 5.00

STACK # 1--TECO 1&2 100% 35T/H SO2
STACK # 2--TECO 3 100% 35T/H SO2

STACK	MONTH	EMISSION RATE (GMS/SEC)	HEIGHT (METERS)	DIAMETER (METERS)	EXIT VELOCITY (M/SEC)	TEMP (DEG.K)	VOLUMETRIC FLOW (M**3/SEC)
1	ALL	5832.3281	149.40	7.32	28.60	422.00	1203.59
2	ALL	2987.6799	149.40	7.32	14.40	417.00	606.00

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.8925E-04 DIRECTION= 9 DISTANCE= 3.5 KM DAY=128

YEAR= 71

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	8.2730E-05 (229)	8.8582E-05 (229)	8.0801E-05 (260)	7.3077E-05 (260)	6.8033E-05 (113)
2	9.1204E-05 (113)	1.0194E-04 (236)	9.7332E-05 (236)	1.0212E-04 (331)	1.0432E-04 (331)
3	1.0176E-04 (234)	9.4855E-05 (234)	9.7515E-05 (205)	9.7750E-05 (205)	9.5504E-05 (205)
4	7.0172E-05 (205)	8.3237E-05 (205)	9.0722E-05 (205)	9.4295E-05 (205)	9.3574E-05 (234)
5	9.0327E-05 (200)	9.1286E-05 (288)	8.9154E-05 (288)	8.5044E-05 (288)	8.0179E-05 (288)
6	9.3569E-05 (200)	9.9960E-05 (159)	1.0341E-04 (159)	9.7180E-05 (206)	8.5734E-05 (206)
7	1.0134E-04 (207)	1.0497E-04 (207)	1.0289E-04 (207)	9.8297E-05 (207)	9.2768E-05 (207)
8	1.0193E-04 (128)	1.0125E-04 (128)	1.0261E-04 (139)	1.0163E-04 (230)	9.8157E-05 (257)
9	1.7999E-04 (128)	1.8925E-04 (128)	1.8831E-04 (128)	1.8165E-04 (128)	1.7205E-04 (220)
10	1.1855E-04 (168)	1.3022E-04 (220)	1.3003E-04 (220)	1.2549E-04 (220)	1.1887E-04 (220)
11	7.3383E-05 (198)	7.2587E-05 (196)	8.2546E-05 (196)	8.7273E-05 (196)	8.8227E-05 (196)
12	8.0570E-05 (257)	9.0590E-05 (136)	1.0739E-04 (136)	1.1721E-04 (136)	1.0826E-04 (198)
13	6.6726E-05 (141)	7.7474E-05 (141)	8.1624E-05 (141)	8.1571E-05 (141)	7.9196E-05 (141)
14	4.8254E-05 (159)	5.7486E-05 (222)	6.3529E-05 (222)	6.6192E-05 (222)	6.6396E-05 (222)
15	6.1213E-05 (121)	6.6623E-05 (121)	6.7570E-05 (121)	6.7334E-05 (221)	7.1551E-05 (221)
16	6.3954E-05 (262)	6.3019E-05 (169)	6.5534E-05 (169)	6.7790E-05 (124)	7.0017E-05 (124)
17	5.3220E-05 (262)	5.0604E-05 (99)	5.0237E-05 (99)	5.0566E-05 (169)	5.0807E-05 (169)
18	5.5574E-05 (99)	6.3685E-05 (99)	6.5897E-05 (99)	6.4811E-05 (99)	6.2183E-05 (99)
19	4.5778E-05 (257)	4.5954E-05 (257)	4.4683E-05 (221)	4.8023E-05 (316)	5.1083E-05 (316)
20	3.6001E-05 (41)	4.6139E-05 (99)	5.1564E-05 (46)	5.0487E-05 (46)	4.8167E-05 (46)
21	5.2895E-05 (41)	6.3840E-05 (41)	6.9145E-05 (41)	7.3496E-05 (137)	7.6933E-05 (311)
22	5.8838E-05 (137)	6.1272E-05 (68)	6.1921E-05 (68)	6.0601E-05 (68)	5.9580E-05 (41)
23	9.0475E-05 (68)	9.6321E-05 (68)	1.0408E-04 (270)	9.5577E-05 (156)	8.5784E-05 (68)
24	1.0698E-04 (90)	1.2142E-04 (90)	1.2673E-04 (156)	1.2000E-04 (156)	1.1176E-04 (156)
25	6.5301E-05 (90)	7.6519E-05 (90)	8.2323E-05 (90)	8.3897E-05 (90)	8.4080E-05 (285)
26	5.6000E-05 (101)	6.0189E-05 (101)	6.9174E-05 (267)	7.6842E-05 (267)	8.0443E-05 (267)
27	8.8468E-05 (190)	1.1163E-04 (190)	1.2599E-04 (190)	1.3327E-04 (190)	1.3562E-04 (190)
28	1.0301E-04 (231)	1.0717E-04 (231)	1.0699E-04 (231)	1.0421E-04 (231)	9.9998E-05 (231)
29	6.4426E-05 (231)	7.3262E-05 (247)	8.0300E-05 (214)	9.0493E-05 (214)	9.5939E-05 (214)
30	8.8760E-05 (182)	9.5643E-05 (182)	9.6530E-05 (182)	9.4123E-05 (182)	9.4662E-05 (210)
31	5.5152E-05 (218)	6.3015E-05 (182)	6.6556E-05 (278)	6.8241E-05 (250)	6.9891E-05 (243)
32	9.0615E-05 (2)	1.0667E-04 (2)	1.1305E-04 (2)	1.1296E-04 (2)	1.0919E-04 (2)
33	7.4886E-05 (91)	9.7599E-05 (91)	1.0314E-04 (230)	1.0040E-04 (230)	1.0630E-04 (185)
34	7.3518E-05 (187)	9.8490E-05 (187)	1.1438E-04 (187)	1.2222E-04 (187)	1.2335E-04 (259)
35	1.1316E-04 (211)	1.1100E-04 (211)	1.0390E-04 (211)	9.5072E-05 (211)	8.7773E-05 (229)
36	1.2952E-04 (229)	1.2719E-04 (260)	1.1978E-04 (260)	1.1146E-04 (260)	1.0326E-04 (260)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 9.3634E-04 DIRECTION= 9 DISTANCE= 3.5 KM DAY=220 TIME PERIOD= 5

YEAR= 71

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	5.1818E-04 (229, 4)	5.2040E-04 (229, 4)	5.0037E-04 (229, 4)	4.7104E-04 (260, 5)	4.3739E-04 (229, 4)
2	5.0934E-04 (260, 5)	5.2475E-04 (184, 4)	5.5069E-04 (113, 5)	5.6270E-04 (73, 4)	5.6484E-04 (73, 4)
3	6.6602E-04 (219, 5)	6.2590E-04 (219, 5)	5.6075E-04 (219, 5)	4.9504E-04 (235, 5)	4.9005E-04 (235, 5)
4	5.3601E-04 (177, 4)	5.3571E-04 (177, 4)	5.2727E-04 (163, 4)	5.4999E-04 (127, 4)	5.8703E-04 (127, 4)
5	7.2260E-04 (200, 4)	7.0376E-04 (200, 4)	6.5718E-04 (200, 4)	6.0376E-04 (200, 4)	5.5170E-04 (200, 4)
6	7.0669E-04 (206, 5)	6.6987E-04 (206, 5)	6.0445E-04 (206, 5)	6.0253E-04 (159, 4)	5.7068E-04 (200, 4)
7	5.4809E-04 (160, 4)	5.5894E-04 (160, 4)	5.5429E-04 (207, 5)	5.5308E-04 (224, 4)	5.3315E-04 (229, 6)
8	6.5446E-04 (230, 5)	6.7595E-04 (262, 5)	6.5507E-04 (262, 5)	6.3963E-04 (160, 4)	6.1454E-04 (160, 4)
9	9.0625E-04 (220, 5)	9.3634E-04 (220, 5)	9.0755E-04 (220, 5)	8.6182E-04 (178, 4)	8.2206E-04 (178, 4)
10	5.5863E-04 (178, 4)	6.6220E-04 (168, 4)	7.3888E-04 (168, 4)	7.6655E-04 (168, 4)	7.6143E-04 (168, 4)
11	4.4700E-04 (192, 5)	4.9718E-04 (192, 5)	5.1080E-04 (192, 5)	5.1440E-04 (196, 4)	5.0025E-04 (204, 5)
12	6.4456E-04 (257, 4)	5.6376E-04 (257, 4)	5.6553E-04 (136, 4)	5.8013E-04 (198, 4)	5.3200E-04 (198, 4)
13	3.9502E-04 (123, 4)	4.4820E-04 (198, 3)	4.7121E-04 (198, 3)	4.6769E-04 (198, 3)	4.6056E-04 (136, 4)
14	3.3313E-04 (159, 5)	2.8786E-04 (159, 5)	3.3422E-04 (199, 6)	3.9451E-04 (199, 6)	4.3295E-04 (199, 6)
15	4.3880E-04 (159, 5)	4.2675E-04 (222, 5)	4.8354E-04 (222, 5)	5.0723E-04 (222, 5)	5.2196E-04 (221, 5)
16	4.5386E-04 (169, 4)	4.4671E-04 (262, 4)	4.8857E-04 (124, 6)	5.2159E-04 (169, 4)	5.1435E-04 (169, 4)
17	4.2360E-04 (317, 4)	4.0483E-04 (99, 4)	4.0190E-04 (99, 4)	3.8055E-04 (99, 4)	3.5255E-04 (99, 4)
18	3.9300E-04 (173, 4)	4.3127E-04 (124, 5)	4.6249E-04 (124, 5)	4.6592E-04 (124, 5)	4.5261E-04 (124, 5)
19	3.6494E-04 (257, 4)	3.6760E-04 (221, 4)	3.5739E-04 (221, 4)	3.5190E-04 (316, 5)	3.7781E-04 (316, 5)
20	2.8369E-04 (98, 4)	3.5883E-04 (99, 4)	4.0841E-04 (99, 4)	4.0390E-04 (46, 5)	3.8533E-04 (46, 5)
21	3.5054E-04 (157, 4)	3.5779E-04 (137, 4)	3.3617E-04 (311, 4)	3.5714E-04 (311, 4)	3.8792E-04 (326, 4)
22	3.8357E-04 (98, 4)	4.0077E-04 (98, 4)	4.2072E-04 (291, 5)	4.3952E-04 (291, 5)	4.3921E-04 (291, 5)
23	5.5523E-04 (156, 4)	5.6300E-04 (156, 4)	5.3056E-04 (156, 4)	4.9148E-04 (102, 4)	4.9252E-04 (271, 5)
24	5.2755E-04 (90, 4)	5.5814E-04 (90, 4)	5.5946E-04 (90, 4)	5.4310E-04 (90, 4)	5.1724E-04 (90, 4)
25	3.3233E-04 (137, 4)	4.5173E-04 (137, 4)	5.3063E-04 (137, 4)	5.7206E-04 (137, 4)	5.8527E-04 (137, 4)
26	3.9394E-04 (360, 4)	4.5472E-04 (156, 3)	4.8020E-04 (156, 3)	4.8728E-04 (156, 3)	4.8158E-04 (156, 3)
27	5.7363E-04 (101, 5)	5.7441E-04 (101, 4)	5.6445E-04 (86, 5)	5.6202E-04 (86, 5)	5.5104E-04 (101, 4)
28	6.3723E-04 (152, 4)	6.3830E-04 (101, 5)	6.1992E-04 (231, 4)	5.7236E-04 (231, 4)	5.2718E-04 (231, 4)
29	4.5841E-04 (231, 4)	4.2893E-04 (231, 4)	4.8162E-04 (21, 4)	4.6910E-04 (263, 4)	4.8459E-04 (360, 5)
30	6.1021E-04 (138, 5)	5.7061E-04 (138, 5)	5.8021E-04 (250, 4)	5.7555E-04 (211, 3)	6.3102E-04 (211, 3)
31	3.8873E-04 (236, 5)	3.9461E-04 (182, 4)	3.7408E-04 (70, 4)	3.7252E-04 (182, 4)	3.8580E-04 (278, 4)
32	5.3510E-04 (218, 4)	4.9227E-04 (2, 4)	5.2023E-04 (2, 4)	5.1489E-04 (2, 4)	4.9226E-04 (2, 4)
33	5.1034E-04 (91, 5)	6.7257E-04 (91, 5)	7.1530E-04 (230, 4)	6.9363E-04 (77, 5)	7.0418E-04 (77, 5)
34	4.3195E-04 (187, 4)	5.7654E-04 (187, 4)	6.6766E-04 (187, 4)	7.1155E-04 (187, 4)	7.2108E-04 (187, 4)
35	7.8843E-04 (211, 4)	7.3375E-04 (211, 4)	6.5420E-04 (211, 4)	5.7354E-04 (211, 4)	5.0082E-04 (211, 4)
36	6.9763E-04 (260, 4)	7.1728E-04 (260, 4)	6.9744E-04 (260, 4)	6.6149E-04 (260, 4)	6.2040E-04 (260, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 2.0521E-04 DIRECTION= 9 DISTANCE= 5.0 KM DAY=207

YEAR= 72

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	5.9200E-05 (107)	7.8903E-05 (107)	9.1504E-05 (107)	9.7932E-05 (107)	9.9910E-05 (107)
2	6.7901E-05 (110)	8.5889E-05 (57)	1.0152E-04 (57)	1.1002E-04 (57)	1.1315E-04 (57)
3	9.5216E-05 (110)	9.4028E-05 (110)	9.2084E-05 (105)	9.5900E-05 (105)	9.5741E-05 (105)
4	8.9021E-05 (150)	8.9797E-05 (150)	8.4238E-05 (150)	8.2639E-05 (136)	8.0481E-05 (136)
5	1.2312E-04 (150)	1.2742E-04 (211)	1.2821E-04 (211)	1.2690E-04 (211)	1.2415E-04 (211)
6	1.1853E-04 (211)	1.1733E-04 (210)	1.2227E-04 (210)	1.1753E-04 (261)	1.1169E-04 (261)
7	1.2431E-04 (194)	1.2443E-04 (194)	1.2550E-04 (309)	1.2480E-04 (309)	1.1966E-04 (298)
8	1.1643E-04 (195)	1.1618E-04 (220)	1.2131E-04 (219)	1.2141E-04 (53)	1.2028E-04 (53)
9	1.8566E-04 (124)	1.9934E-04 (124)	1.9871E-04 (124)	2.0266E-04 (207)	2.0521E-04 (207)
10	1.6139E-04 (242)	1.6497E-04 (242)	1.6073E-04 (242)	1.5341E-04 (242)	1.4517E-04 (242)
11	7.9488E-05 (131)	8.9756E-05 (131)	9.4082E-05 (131)	9.4170E-05 (131)	9.1541E-05 (131)
12	4.9042E-05 (143)	5.7072E-05 (143)	6.0303E-05 (231)	5.9485E-05 (143)	5.8892E-05 (238)
13	5.0289E-05 (116)	6.1459E-05 (116)	6.7017E-05 (116)	6.8527E-05 (116)	6.7537E-05 (116)
14	4.3995E-05 (289)	4.8209E-05 (146)	5.4434E-05 (282)	5.3577E-05 (146)	5.2472E-05 (146)
15	3.7660E-05 (198)	4.0481E-05 (198)	4.6955E-05 (146)	5.0258E-05 (146)	5.1257E-05 (146)
16	3.2228E-05 (93)	3.5352E-05 (93)	3.6012E-05 (93)	4.1762E-05 (322)	4.6158E-05 (322)
17	2.8138E-05 (283)	3.0506E-05 (260)	3.4754E-05 (260)	3.6856E-05 (260)	4.2442E-05 (326)
18	5.6496E-05 (247)	6.1556E-05 (326)	6.0968E-05 (247)	5.9980E-05 (247)	5.7571E-05 (247)
19	6.4999E-05 (189)	6.3778E-05 (189)	6.0674E-05 (189)	5.6664E-05 (189)	5.2219E-05 (239)
20	8.4545E-05 (189)	8.0788E-05 (189)	7.5018E-05 (189)	7.4023E-05 (336)	6.8934E-05 (252)
21	8.8383E-05 (252)	9.4689E-05 (189)	8.7850E-05 (189)	8.0346E-05 (189)	7.3228E-05 (189)
22	5.5062E-05 (265)	5.8847E-05 (252)	6.0641E-05 (252)	6.1709E-05 (191)	6.5021E-05 (288)
23	7.4592E-05 (156)	7.4691E-05 (156)	7.4001E-05 (266)	7.5733E-05 (266)	7.4387E-05 (266)
24	8.9089E-05 (186)	8.1580E-05 (156)	7.7402E-05 (267)	8.0195E-05 (52)	8.7301E-05 (288)
25	9.6481E-05 (86)	9.2698E-05 (247)	9.8245E-05 (157)	1.0172E-04 (157)	1.0112E-04 (157)
26	1.0433E-04 (257)	1.1704E-04 (265)	1.3191E-04 (265)	1.3915E-04 (265)	1.4121E-04 (265)
27	7.2729E-05 (339)	8.4439E-05 (339)	8.9371E-05 (339)	9.5821E-05 (254)	9.3622E-05 (247)
28	7.3057E-05 (339)	8.6276E-05 (339)	9.3836E-05 (339)	9.7125E-05 (339)	9.7460E-05 (339)
29	6.4839E-05 (101)	8.6868E-05 (101)	8.9146E-05 (230)	9.4528E-05 (230)	9.6516E-05 (230)
30	7.3126E-05 (228)	8.3672E-05 (241)	8.3903E-05 (241)	8.8296E-05 (345)	8.9940E-05 (345)
31	6.8048E-05 (196)	7.8539E-05 (212)	8.0352E-05 (196)	8.7365E-05 (332)	9.1106E-05 (241)
32	6.2785E-05 (196)	7.9006E-05 (61)	9.0543E-05 (61)	9.5909E-05 (61)	9.6943E-05 (61)
33	5.7501E-05 (196)	7.4025E-05 (1)	9.2917E-05 (1)	9.7017E-05 (229)	1.0127E-04 (12)
34	4.1923E-05 (240)	4.6016E-05 (141)	4.6883E-05 (141)	5.1065E-05 (211)	5.4688E-05 (211)
35	4.4885E-05 (238)	5.1379E-05 (238)	5.3983E-05 (238)	5.7409E-05 (213)	5.5399E-05 (213)
36	6.2772E-05 (64)	6.8351E-05 (136)	6.9432E-05 (113)	6.8654E-05 (136)	6.6960E-05 (136)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 1.0893E-03 DIRECTION= 9 DISTANCE= 4.0 KM DAY=183 TIME PERIOD= 4

YEAR= 72

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	4.5419E-04 (25, 5)	4.9566E-04 (25, 5)	5.4368E-04 (107, 4)	5.7666E-04 (107, 4)	5.7681E-04 (113, 4)
2	4.5386E-04 (210, 5)	5.2407E-04 (210, 5)	5.4388E-04 (210, 5)	5.5062E-04 (57, 4)	5.7324E-04 (57, 4)
3	5.5069E-04 (135, 5)	5.7349E-04 (135, 5)	5.3566E-04 (110, 5)	5.4466E-04 (135, 5)	5.1344E-04 (135, 5)
4	5.2316E-04 (110, 5)	5.3366E-04 (110, 5)	5.2559E-04 (110, 5)	4.8650E-04 (102, 5)	4.6023E-04 (209, 4)
5	6.7168E-04 (102, 5)	6.7566E-04 (261, 5)	6.2312E-04 (261, 5)	6.0613E-04 (150, 4)	5.7460E-04 (292, 4)
6	7.0977E-04 (261, 5)	6.8196E-04 (261, 5)	6.3453E-04 (210, 6)	6.2559E-04 (85, 4)	6.5196E-04 (85, 4)
7	5.9534E-04 (210, 5)	6.6883E-04 (309, 5)	7.2472E-04 (309, 5)	7.2401E-04 (298, 5)	6.6983E-04 (298, 5)
8	6.4852E-04 (207, 4)	6.1335E-04 (207, 4)	6.2968E-04 (290, 4)	6.0481E-04 (216, 5)	5.9318E-04 (153, 4)
9	9.6375E-04 (183, 4)	1.0570E-03 (183, 4)	1.0893E-03 (183, 4)	1.0844E-03 (183, 4)	1.0587E-03 (183, 4)
10	8.0500E-04 (242, 4)	8.1095E-04 (242, 4)	7.7424E-04 (242, 4)	7.2584E-04 (209, 6)	7.3213E-04 (183, 5)
11	4.6977E-04 (248, 5)	4.4074E-04 (222, 4)	4.4316E-04 (222, 5)	4.6245E-04 (222, 5)	4.6119E-04 (222, 5)
12	2.9188E-04 (112, 4)	3.7475E-04 (112, 4)	4.2006E-04 (112, 4)	4.3443E-04 (112, 4)	4.2629E-04 (184, 4)
13	3.9446E-04 (184, 4)	3.8213E-04 (146, 5)	3.8848E-04 (146, 5)	3.7606E-04 (146, 5)	3.5599E-04 (112, 4)
14	3.5054E-04 (289, 4)	3.7852E-04 (362, 5)	4.3547E-04 (282, 4)	4.2354E-04 (282, 4)	4.0255E-04 (282, 4)
15	3.0128E-04 (198, 6)	3.2385E-04 (198, 6)	3.1783E-04 (198, 6)	2.9830E-04 (198, 6)	2.9162E-04 (109, 6)
16	2.5643E-04 (93, 5)	2.7909E-04 (93, 5)	2.8059E-04 (93, 5)	2.7499E-04 (108, 4)	2.7573E-04 (260, 5)
17	2.2510E-04 (283, 5)	2.3706E-04 (108, 4)	2.5866E-04 (279, 5)	2.7653E-04 (279, 5)	2.8112E-04 (279, 5)
18	3.7742E-04 (260, 4)	3.8262E-04 (283, 5)	4.0424E-04 (326, 4)	4.1032E-04 (260, 4)	3.9483E-04 (260, 4)
19	3.1213E-04 (252, 5)	3.1576E-04 (206, 4)	3.1085E-04 (260, 4)	3.2231E-04 (206, 4)	3.1117E-04 (206, 4)
20	3.5454E-04 (252, 4)	3.5275E-04 (252, 4)	3.3016E-04 (252, 5)	3.2231E-04 (206, 4)	3.1117E-04 (206, 4)
21	4.1072E-04 (189, 4)	4.3319E-04 (256, 5)	4.2216E-04 (189, 4)	4.3192E-04 (157, 6)	4.3072E-04 (157, 6)
22	4.1049E-04 (189, 4)	4.1477E-04 (19, 5)	3.9882E-04 (19, 5)	3.8268E-04 (264, 4)	3.9380E-04 (189, 4)
23	4.1065E-04 (186, 4)	4.2794E-04 (217, 4)	4.2941E-04 (217, 4)	4.1541E-04 (217, 4)	3.8927E-04 (342, 5)
24	6.8232E-04 (158, 5)	6.2307E-04 (186, 4)	5.5486E-04 (186, 4)	5.0102E-04 (186, 4)	4.5737E-04 (186, 4)
25	5.2104E-04 (247, 4)	4.7472E-04 (226, 4)	5.3207E-04 (226, 4)	5.6311E-04 (226, 4)	5.7328E-04 (226, 4)
26	6.9391E-04 (247, 4)	6.4659E-04 (247, 4)	5.8185E-04 (247, 4)	5.1580E-04 (247, 4)	4.5941E-04 (246, 4)
27	4.8341E-04 (339, 4)	5.2300E-04 (339, 4)	5.1799E-04 (339, 4)	4.9100E-04 (339, 4)	4.5690E-04 (254, 5)
28	4.1349E-04 (230, 4)	4.8677E-04 (339, 4)	5.6491E-04 (297, 4)	6.0788E-04 (297, 4)	6.2082E-04 (297, 4)
29	3.8820E-04 (186, 5)	3.9071E-04 (27, 4)	3.8348E-04 (27, 4)	3.8459E-04 (230, 4)	3.8852E-04 (198, 3)
30	5.3104E-04 (228, 3)	6.3793E-04 (228, 3)	6.4342E-04 (241, 4)	6.1473E-04 (241, 4)	6.2531E-04 (345, 4)
31	3.9921E-04 (190, 4)	4.2105E-04 (209, 3)	4.3898E-04 (209, 3)	4.4761E-04 (209, 3)	4.6437E-04 (332, 5)
32	4.0209E-04 (213, 4)	4.6072E-04 (229, 4)	4.8521E-04 (61, 4)	5.1612E-04 (61, 4)	5.2275E-04 (61, 4)
33	4.5575E-04 (298, 4)	5.2953E-04 (298, 4)	6.3602E-04 (1, 5)	7.1927E-04 (1, 5)	7.4484E-04 (229, 4)
34	3.3337E-04 (240, 5)	3.6813E-04 (141, 3)	3.7506E-04 (141, 3)	3.7135E-04 (54, 4)	3.5251E-04 (54, 4)
35	3.5908E-04 (238, 4)	4.1103E-04 (238, 4)	4.3186E-04 (238, 4)	4.3093E-04 (238, 4)	4.1674E-04 (238, 4)
36	5.0218E-04 (64, 4)	5.4681E-04 (136, 4)	5.5500E-04 (136, 4)	5.4923E-04 (136, 4)	5.3566E-04 (136, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MA*3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.7704E-04 DIRECTION= 9 DISTANCE= 3.5 KM DAY=152

YEAR= 73

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	5.9395E-05 (160)	6.5242E-05 (149)	6.8320E-05 (149)	6.7806E-05 (149)	6.9559E-05 (193)
2	8.0612E-05 (147)	8.7989E-05 (147)	8.8546E-05 (147)	8.6166E-05 (159)	8.7307E-05 (71)
3	1.0163E-04 (215)	9.8838E-05 (215)	9.2331E-05 (215)	8.5077E-05 (215)	8.6303E-05 (123)
4	1.0593E-04 (313)	1.0807E-04 (182)	9.8240E-05 (182)	9.1029E-05 (173)	8.7236E-05 (173)
5	1.4867E-04 (192)	1.5032E-04 (192)	1.4822E-04 (313)	1.4640E-04 (313)	1.4130E-04 (313)
6	1.3731E-04 (209)	1.3938E-04 (182)	1.3309E-04 (186)	1.3360E-04 (186)	1.2862E-04 (209)
7	1.5284E-04 (185)	1.4681E-04 (187)	1.3874E-04 (216)	1.3188E-04 (216)	1.2487E-04 (216)
8	1.4797E-04 (236)	1.4487E-04 (185)	1.3822E-04 (187)	1.2750E-04 (236)	1.2449E-04 (253)
9	1.6941E-04 (152)	1.7704E-04 (152)	1.7269E-04 (132)	1.6450E-04 (152)	1.5320E-04 (152)
10	1.1842E-04 (140)	1.1695E-04 (140)	1.2416E-04 (196)	1.2568E-04 (196)	1.2171E-04 (132)
11	9.2635E-05 (169)	9.3555E-05 (169)	9.1231E-05 (169)	8.8285E-05 (208)	8.3925E-05 (169)
12	8.4639E-05 (100)	7.4594E-05 (259)	7.1018E-05 (135)	7.5022E-05 (124)	7.5876E-05 (124)
13	5.3799E-05 (259)	4.6176E-05 (259)	4.4407E-05 (135)	4.5626E-05 (135)	4.5248E-05 (135)
14	5.5166E-05 (103)	5.8467E-05 (118)	6.4862E-05 (169)	6.7556E-05 (169)	6.7344E-05 (169)
15	4.7591E-05 (103)	5.0175E-05 (103)	5.0797E-05 (47)	5.7443E-05 (47)	6.1229E-05 (47)
16	6.8569E-05 (95)	7.3047E-05 (95)	7.3579E-05 (95)	6.6518E-05 (119)	6.0355E-05 (119)
17	5.3166E-05 (95)	5.8256E-05 (95)	6.0092E-05 (95)	6.2383E-05 (53)	6.3148E-05 (53)
18	6.2836E-05 (103)	7.7679E-05 (103)	8.7162E-05 (103)	8.7619E-05 (14)	9.2497E-05 (103)
19	5.5169E-05 (305)	6.2129E-05 (305)	6.6685E-05 (305)	6.9542E-05 (305)	6.8907E-05 (103)
20	9.0509E-05 (183)	9.0653E-05 (183)	8.4788E-05 (183)	7.8358E-05 (305)	7.6463E-05 (305)
21	1.2841E-04 (183)	1.3386E-04 (233)	1.2139E-04 (233)	1.1865E-04 (305)	1.1173E-04 (183)
22	1.0198E-04 (191)	9.9457E-05 (191)	9.8256E-05 (78)	9.6665E-05 (78)	9.2950E-05 (78)
23	1.2821E-04 (221)	1.2694E-04 (221)	1.2122E-04 (221)	1.1329E-04 (221)	1.0472E-04 (221)
24	8.7642E-05 (125)	9.2361E-05 (125)	9.6287E-05 (316)	1.0650E-04 (183)	1.0885E-04 (59)
25	1.0585E-04 (260)	1.1675E-04 (260)	1.2447E-04 (260)	1.2915E-04 (260)	1.3121E-04 (260)
26	1.0719E-04 (154)	1.1207E-04 (154)	1.1360E-04 (240)	1.2396E-04 (229)	1.3059E-04 (229)
27	9.1475E-05 (260)	9.0949E-05 (287)	9.8584E-05 (287)	9.8627E-05 (154)	9.1682E-05 (154)
28	1.0395E-04 (239)	1.0158E-04 (239)	9.4269E-05 (239)	9.3458E-05 (286)	9.5996E-05 (286)
29	1.0947E-04 (239)	1.1556E-04 (239)	1.1585E-04 (239)	1.1296E-04 (239)	1.0851E-04 (239)
30	8.1131E-05 (202)	9.1201E-05 (202)	9.4215E-05 (202)	9.2867E-05 (202)	8.9099E-05 (202)
31	6.0160E-05 (112)	7.0785E-05 (112)	7.5493E-05 (322)	7.8751E-05 (322)	8.2326E-05 (65)
32	1.1389E-04 (217)	1.1524E-04 (224)	1.0692E-04 (224)	1.0536E-04 (322)	1.0281E-04 (322)
33	1.3013E-04 (224)	1.2824E-04 (217)	1.2247E-04 (217)	1.1369E-04 (217)	1.0424E-04 (217)
34	9.1213E-05 (202)	9.8382E-05 (202)	9.9022E-05 (202)	9.6046E-05 (202)	9.1306E-05 (202)
35	9.0234E-05 (177)	9.5856E-05 (163)	9.2179E-05 (163)	8.6791E-05 (163)	8.0733E-05 (163)
36	9.2884E-05 (160)	9.5643E-05 (163)	8.7270E-05 (163)	7.9283E-05 (163)	7.6585E-05 (194)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 8.5561E-04 DIRECTION= 8 DISTANCE= 3.0 KM DAY=185 TIME PERIOD= 4

YEAR= 73

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR	RANGE 3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	3.7746E-04 (163, 4)	3.6295E-04 (39, 4)	3.5550E-04 (162, 4)	3.4274E-04 (162, 4)	3.4918E-04 (150, 4)
2	4.8923E-04 (157, 5)	5.2225E-04 (151, 4)	4.6379E-04 (71, 5)	5.2434E-04 (71, 5)	5.5721E-04 (71, 5)
3	5.7127E-04 (269, 5)	6.4365E-04 (269, 5)	6.1952E-04 (151, 5)	5.4967E-04 (151, 5)	5.4254E-04 (123, 4)
4	6.2892E-04 (182, 4)	5.8662E-04 (182, 4)	5.4445E-04 (182, 4)	5.0368E-04 (182, 4)	5.1135E-04 (194, 4)
5	8.3078E-04 (192, 4)	8.0349E-04 (313, 4)	8.5016E-04 (313, 4)	8.5345E-04 (313, 4)	8.3150E-04 (313, 4)
6	6.7318E-04 (209, 4)	6.7338E-04 (309, 4)	7.1776E-04 (309, 4)	6.9758E-04 (209, 4)	6.5709E-04 (209, 4)
7	7.8210E-04 (209, 4)	7.7449E-04 (209, 4)	7.3092E-04 (209, 4)	6.7580E-04 (209, 4)	6.2034E-04 (209, 4)
8	8.5561E-04 (185, 4)	8.1336E-04 (218, 4)	7.1836E-04 (218, 4)	6.7194E-04 (27, 5)	6.6888E-04 (27, 5)
9	6.8820E-04 (218, 4)	6.7165E-04 (152, 4)	6.3209E-04 (152, 4)	6.9964E-04 (66, 5)	7.5650E-04 (132, 5)
10	5.6943E-04 (140, 4)	5.9144E-04 (140, 4)	5.8266E-04 (140, 4)	5.7033E-04 (196, 5)	5.4697E-04 (196, 5)
11	4.4005E-04 (259, 4)	4.1099E-04 (263, 5)	4.3005E-04 (263, 5)	4.2934E-04 (263, 5)	4.1629E-04 (263, 5)
12	4.6202E-04 (135, 3)	5.3698E-04 (135, 3)	5.3082E-04 (259, 4)	4.8406E-04 (100, 4)	4.6105E-04 (100, 4)
13	3.0613E-04 (103, 5)	3.2467E-04 (135, 3)	3.2335E-04 (259, 4)	3.3473E-04 (124, 5)	3.3797E-04 (124, 5)
14	4.1801E-04 (103, 5)	4.2077E-04 (103, 5)	4.5666E-04 (175, 5)	4.7922E-04 (175, 5)	4.8003E-04 (175, 5)
15	3.8050E-04 (103, 5)	4.0113E-04 (103, 5)	4.0636E-04 (47, 4)	4.5949E-04 (47, 4)	4.8968E-04 (47, 4)
16	3.5489E-04 (95, 5)	3.2944E-04 (95, 5)	2.9462E-04 (95, 5)	3.2177E-04 (124, 3)	3.3500E-04 (119, 4)
17	3.8956E-04 (119, 5)	4.1775E-04 (119, 4)	3.6978E-04 (119, 4)	3.8339E-04 (52, 4)	4.1556E-04 (52, 4)
18	3.8687E-04 (190, 5)	4.3578E-04 (297, 5)	5.1140E-04 (297, 5)	5.5083E-04 (297, 5)	5.5190E-04 (14, 4)
19	4.0323E-04 (305, 4)	4.2207E-04 (305, 4)	4.5805E-04 (42, 5)	4.9093E-04 (42, 5)	4.9936E-04 (42, 5)
20	4.4949E-04 (305, 4)	4.9381E-04 (305, 4)	4.9623E-04 (305, 4)	4.7563E-04 (305, 4)	4.4498E-04 (305, 4)
21	6.6540E-04 (183, 4)	6.5293E-04 (233, 5)	6.1978E-04 (183, 4)	5.6161E-04 (183, 4)	5.0284E-04 (183, 4)
22	6.9847E-04 (78, 4)	7.4506E-04 (233, 4)	6.9883E-04 (233, 4)	6.4082E-04 (233, 4)	5.8484E-04 (233, 4)
23	6.6221E-04 (221, 5)	5.9519E-04 (221, 5)	5.2773E-04 (221, 5)	4.6703E-04 (221, 5)	4.2053E-04 (221, 4)
24	5.0447E-04 (191, 4)	4.8559E-04 (125, 3)	4.8779E-04 (310, 4)	5.2504E-04 (310, 4)	5.3413E-04 (59, 4)
25	5.5157E-04 (352, 4)	6.5654E-04 (352, 4)	7.0224E-04 (352, 4)	7.0784E-04 (352, 4)	6.9060E-04 (352, 4)
26	4.4482E-04 (154, 5)	4.8349E-04 (352, 4)	5.1746E-04 (336, 5)	5.9170E-04 (336, 5)	6.3395E-04 (336, 5)
27	4.6489E-04 (242, 5)	5.4781E-04 (242, 5)	5.4395E-04 (158, 4)	5.2156E-04 (317, 4)	5.3450E-04 (317, 4)
28	5.9126E-04 (238, 4)	5.8216E-04 (238, 4)	5.4000E-04 (238, 4)	5.1075E-04 (18, 4)	5.0392E-04 (18, 4)
29	4.3042E-04 (239, 5)	4.6055E-04 (249, 4)	5.8407E-04 (238, 3)	5.6997E-04 (238, 3)	5.4331E-04 (238, 3)
30	5.6018E-04 (238, 3)	6.1636E-04 (238, 3)	6.0926E-04 (171, 4)	5.8947E-04 (106, 4)	5.6356E-04 (238, 3)
31	4.8112E-04 (112, 4)	5.6591E-04 (112, 4)	5.9986E-04 (112, 4)	6.0040E-04 (112, 4)	5.8181E-04 (112, 4)
32	5.5546E-04 (224, 5)	5.7103E-04 (269, 4)	5.6651E-04 (269, 4)	5.4964E-04 (269, 4)	5.2636E-04 (269, 4)
33	6.9319E-04 (224, 5)	6.6398E-04 (202, 5)	6.1555E-04 (202, 5)	5.5399E-04 (202, 5)	5.6898E-04 (274, 4)
34	6.2486E-04 (261, 4)	5.4395E-04 (261, 4)	5.5144E-04 (123, 3)	6.2177E-04 (217, 4)	5.7902E-04 (217, 4)
35	3.9516E-04 (150, 4)	4.1975E-04 (177, 3)	4.0994E-04 (163, 4)	3.9809E-04 (177, 3)	4.0354E-04 (115, 4)
36	4.8762E-04 (148, 5)	5.2448E-04 (163, 4)	4.6752E-04 (163, 4)	4.2240E-04 (163, 4)	3.8572E-04 (163, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.9178E-04 DIRECTION= 9 DISTANCE= 5.0 KM DAY=230

YEAR= 74

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	8.4472E-05 (242)	7.8744E-05 (242)	7.0152E-05 (242)	6.1347E-05 (242)	5.7038E-05 (203)
2	7.1949E-05 (127)	8.7400E-05 (127)	9.5738E-05 (127)	9.5977E-05 (207)	8.8581E-05 (207)
3	8.1844E-05 (152)	7.5075E-05 (166)	7.3098E-05 (166)	6.8337E-05 (166)	6.3354E-05 (103)
4	9.0408E-05 (158)	8.5899E-05 (189)	9.3530E-05 (90)	9.6637E-05 (90)	9.6397E-05 (90)
5	9.7069E-05 (234)	9.1368E-05 (234)	8.7866E-05 (229)	9.4091E-05 (157)	8.9903E-05 (158)
6	1.3013E-04 (200)	1.2620E-04 (129)	1.1801E-04 (129)	1.0740E-04 (129)	9.6538E-05 (129)
7	1.0934E-04 (197)	1.0547E-04 (197)	9.6141E-05 (197)	9.1065E-05 (191)	9.1072E-05 (191)
8	1.1571E-04 (196)	1.1798E-04 (196)	1.1204E-04 (196)	1.0930E-04 (163)	1.1251E-04 (163)
9	1.4018E-04 (173)	1.6125E-04 (230)	1.8248E-04 (230)	1.9137E-04 (230)	1.9178E-04 (230)
10	1.0688E-04 (121)	1.2085E-04 (192)	1.2995E-04 (192)	1.3141E-04 (192)	1.2833E-04 (192)
11	8.1533E-05 (200)	9.2483E-05 (200)	9.7494E-05 (192)	9.8414E-05 (192)	9.5681E-05 (192)
12	6.7803E-05 (211)	6.9694E-05 (200)	7.8274E-05 (200)	8.2052E-05 (200)	8.2391E-05 (200)
13	5.5820E-05 (167)	5.8671E-05 (167)	5.7622E-05 (167)	5.2381E-05 (211)	4.7693E-05 (211)
14	4.5933E-05 (211)	3.9392E-05 (211)	3.4467E-05 (211)	3.6156E-05 (222)	3.8615E-05 (222)
15	3.3993E-05 (96)	4.1873E-05 (99)	4.3170E-05 (265)	4.1954E-05 (96)	4.2369E-05 (96)
16	6.5985E-05 (282)	6.9057E-05 (282)	7.4017E-05 (291)	8.3560E-05 (291)	8.8694E-05 (291)
17	6.9797E-05 (338)	7.1145E-05 (234)	6.3385E-05 (234)	5.8651E-05 (282)	5.4318E-05 (282)
18	6.9385E-05 (108)	7.3349E-05 (108)	7.2451E-05 (108)	7.3247E-05 (332)	7.4570E-05 (332)
19	4.7266E-05 (108)	4.8822E-05 (332)	5.6961E-05 (332)	5.8103E-05 (311)	5.7079E-05 (311)
20	6.5585E-05 (243)	6.8775E-05 (311)	7.4024E-05 (281)	7.8255E-05 (281)	7.9131E-05 (281)
21	7.0439E-05 (264)	7.9660E-05 (264)	8.5199E-05 (264)	8.7686E-05 (264)	8.8141E-05 (263)
22	7.5686E-05 (171)	7.5944E-05 (171)	7.2135E-05 (171)	6.6659E-05 (171)	6.6119E-05 (254)
23	8.2965E-05 (233)	8.7180E-05 (286)	9.4766E-05 (298)	9.8316E-05 (171)	9.2422E-05 (171)
24	8.9676E-05 (284)	1.3079E-04 (284)	1.6235E-04 (284)	1.8287E-04 (284)	1.8695E-04 (286)
25	1.1242E-04 (286)	1.2716E-04 (307)	1.3423E-04 (305)	1.3236E-04 (305)	1.2797E-04 (305)
26	1.3984E-04 (305)	1.4895E-04 (110)	1.4445E-04 (110)	1.3764E-04 (110)	1.2977E-04 (110)
27	1.4511E-04 (110)	1.4661E-04 (110)	1.4164E-04 (110)	1.3401E-04 (110)	1.2554E-04 (110)
28	1.1392E-04 (172)	1.1619E-04 (172)	1.1353E-04 (172)	1.0785E-04 (172)	1.0086E-04 (172)
29	8.7619E-05 (221)	8.7803E-05 (221)	8.4982E-05 (221)	8.0439E-05 (221)	7.5233E-05 (221)
30	7.0664E-05 (67)	8.3495E-05 (243)	8.8744E-05 (237)	9.2044E-05 (67)	9.0000E-05 (67)
31	9.6860E-05 (243)	1.0250E-04 (237)	9.7886E-05 (219)	1.0909E-04 (219)	1.0965E-04 (136)
32	8.9709E-05 (241)	9.1416E-05 (241)	9.4648E-05 (234)	9.5520E-05 (63)	9.6439E-05 (63)
33	1.1633E-04 (97)	1.0919E-04 (221)	9.8937E-05 (221)	9.2063E-05 (159)	8.9700E-05 (159)
34	9.0868E-05 (199)	9.4660E-05 (199)	9.2915E-05 (236)	9.0340E-05 (236)	8.5793E-05 (236)
35	9.4085E-05 (242)	9.3157E-05 (159)	8.2318E-05 (159)	7.3877E-05 (164)	7.4128E-05 (164)
36	7.1268E-05 (144)	7.5299E-05 (144)	7.3250E-05 (144)	6.8647E-05 (144)	6.6530E-05 (242)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 8.0470E-04 DIRECTION= 27 DISTANCE= 3.0 KM DAY=180 TIME PERIOD= 4

YEAR= 74

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	4.8018E-04 (98, 5)	5.0953E-04 (210, 4)	4.8807E-04 (210, 4)	4.5373E-04 (210, 4)	4.1786E-04 (210, 4)
2	5.1145E-04 (310, 4)	5.4241E-04 (310, 4)	5.4172E-04 (127, 4)	5.4725E-04 (127, 4)	5.2597E-04 (207, 5)
3	3.8458E-04 (86, 4)	4.3487E-04 (103, 5)	4.2297E-04 (207, 4)	3.9033E-04 (250, 5)	3.6994E-04 (250, 5)
4	6.5910E-04 (158, 5)	6.7544E-04 (90, 5)	7.3246E-04 (90, 5)	7.4685E-04 (90, 5)	7.3426E-04 (90, 5)
5	6.5626E-04 (200, 4)	6.0485E-04 (229, 4)	6.1748E-04 (229, 4)	6.0058E-04 (229, 4)	5.6891E-04 (229, 4)
6	7.1980E-04 (151, 5)	6.7722E-04 (151, 5)	6.1829E-04 (86, 5)	6.6228E-04 (86, 5)	6.7432E-04 (86, 5)
7	5.6701E-04 (129, 4)	5.9688E-04 (226, 5)	6.1346E-04 (205, 5)	5.4621E-04 (205, 5)	5.2232E-04 (146, 4)
8	6.9314E-04 (148, 4)	6.8328E-04 (223, 5)	6.3881E-04 (148, 4)	5.8489E-04 (145, 4)	5.6923E-04 (232, 4)
9	7.4284E-04 (173, 4)	7.5021E-04 (151, 4)	7.6267E-04 (173, 4)	7.1810E-04 (173, 4)	6.8537E-04 (64, 5)
10	5.9911E-04 (247, 5)	5.9502E-04 (247, 5)	5.9246E-04 (197, 6)	6.4910E-04 (197, 6)	6.5197E-04 (211, 5)
11	5.3234E-04 (167, 5)	5.2225E-04 (200, 5)	5.1407E-04 (200, 5)	4.8876E-04 (200, 5)	4.9306E-04 (228, 6)
12	3.9432E-04 (195, 5)	3.7337E-04 (195, 5)	4.2028E-04 (167, 5)	3.8691E-04 (167, 5)	3.8232E-04 (228, 6)
13	3.7264E-04 (237, 5)	3.5025E-04 (237, 5)	3.1402E-04 (237, 5)	3.1932E-04 (99, 5)	3.3434E-04 (257, 6)
14	2.6007E-04 (99, 5)	3.0353E-04 (99, 5)	2.7515E-04 (211, 4)	2.5789E-04 (99, 4)	2.6502E-04 (99, 4)
15	2.5236E-04 (364, 5)	3.0239E-04 (364, 5)	3.2491E-04 (364, 5)	3.2006E-04 (265, 5)	2.9047E-04 (265, 5)
16	3.7505E-04 (234, 4)	3.6498E-04 (282, 4)	3.4211E-04 (282, 4)	3.1749E-04 (162, 4)	3.4439E-04 (338, 4)
17	3.3147E-04 (41, 5)	3.7776E-04 (338, 4)	4.7578E-04 (338, 4)	4.5758E-04 (234, 4)	4.1772E-04 (234, 4)
18	4.5067E-04 (234, 4)	3.8817E-04 (234, 4)	4.4441E-04 (332, 4)	4.7609E-04 (332, 4)	4.8455E-04 (332, 4)
19	3.0932E-04 (243, 5)	2.6547E-04 (243, 5)	2.8464E-04 (115, 5)	2.9725E-04 (115, 5)	2.9790E-04 (332, 5)
20	4.7955E-04 (311, 4)	4.7479E-04 (114, 4)	4.7929E-04 (114, 4)	4.6892E-04 (114, 4)	4.5043E-04 (114, 4)
21	4.9471E-04 (265, 4)	5.6057E-04 (281, 4)	5.8787E-04 (281, 4)	5.9033E-04 (281, 4)	5.7671E-04 (281, 4)
22	3.8052E-04 (233, 4)	3.7864E-04 (254, 6)	4.5843E-04 (254, 6)	5.0577E-04 (254, 6)	5.2710E-04 (254, 6)
23	5.1674E-04 (190, 4)	4.9027E-04 (171, 6)	5.1100E-04 (171, 6)	5.1141E-04 (171, 6)	4.9874E-04 (171, 6)
24	5.1674E-04 (190, 4)	6.4896E-04 (286, 5)	6.8349E-04 (284, 4)	7.4720E-04 (284, 4)	7.7517E-04 (284, 4)
25	6.7532E-04 (110, 5)	7.1631E-04 (110, 5)	6.9038E-04 (286, 5)	6.7517E-04 (305, 4)	6.5459E-04 (110, 5)
26	6.8271E-04 (180, 4)	6.1062E-04 (180, 4)	5.4451E-04 (180, 4)	5.0899E-04 (51, 4)	4.9635E-04 (51, 4)
27	8.0470E-04 (180, 4)	7.1212E-04 (180, 4)	6.3453E-04 (180, 4)	5.7129E-04 (180, 4)	5.1954E-04 (180, 4)
28	6.1040E-04 (164, 4)	5.3137E-04 (164, 4)	4.9638E-04 (172, 3)	4.9237E-04 (172, 3)	4.8540E-04 (169, 4)
29	7.0096E-04 (221, 4)	7.0242E-04 (221, 4)	6.7985E-04 (221, 4)	6.4351E-04 (221, 4)	5.9548E-04 (240, 4)
30	5.2529E-04 (240, 4)	5.1486E-04 (240, 4)	5.3508E-04 (309, 4)	4.8935E-04 (243, 4)	4.4600E-04 (243, 4)
31	7.6254E-04 (243, 4)	7.3335E-04 (243, 4)	6.9318E-04 (237, 4)	6.3100E-04 (237, 4)	5.8781E-04 (136, 4)
32	6.1818E-04 (243, 4)	6.4085E-04 (243, 4)	7.3812E-04 (65, 4)	7.5084E-04 (64, 4)	7.3169E-04 (64, 4)
33	5.6903E-04 (226, 4)	5.3987E-04 (226, 4)	5.3606E-04 (62, 4)	5.8915E-04 (62, 4)	5.3818E-04 (97, 5)
34	5.8583E-04 (159, 4)	6.3902E-04 (159, 4)	6.5368E-04 (159, 4)	6.4006E-04 (199, 4)	5.8070E-04 (199, 4)
35	4.8264E-04 (236, 5)	5.2025E-04 (236, 5)	4.9887E-04 (159, 5)	4.7155E-04 (321, 5)	4.6496E-04 (236, 5)
36	4.9217E-04 (210, 4)	5.3047E-04 (210, 4)	5.3298E-04 (210, 4)	5.3228E-04 (33, 4)	5.0793E-04 (144, 3)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.6893E-04 DIRECTION= 9 DISTANCE= 3.5 KM DAY=179

YEAR= 75

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
DIR					
1	9.3902E-05 (99)	8.6246E-05 (120)	7.5868E-05 (120)	7.0447E-05 (91)	7.0707E-05 (255)
2	8.8162E-05 (119)	1.1197E-04 (66)	1.1403E-04 (92)	1.1013E-04 (91)	1.0884E-04 (19)
3	8.8406E-05 (24)	1.0848E-04 (118)	1.1882E-04 (118)	1.2144E-04 (118)	1.1915E-04 (118)
4	1.0841E-04 (161)	1.0645E-04 (109)	1.1019E-04 (24)	1.1387E-04 (24)	1.1318E-04 (24)
5	1.0400E-04 (137)	1.2856E-04 (137)	1.3437E-04 (161)	1.2512E-04 (161)	1.1531E-04 (161)
6	9.3620E-05 (167)	9.3369E-05 (167)	8.7676E-05 (167)	8.0495E-05 (167)	7.6052E-05 (205)
7	1.4401E-04 (178)	1.4207E-04 (178)	1.3302E-04 (178)	1.2143E-04 (178)	1.0964E-04 (178)
8	1.2811E-04 (189)	1.4556E-04 (185)	1.3740E-04 (185)	1.2735E-04 (185)	1.1706E-04 (185)
9	1.6107E-04 (179)	1.6893E-04 (179)	1.6539E-04 (179)	1.5624E-04 (179)	1.4915E-04 (189)
10	1.2050E-04 (166)	1.1973E-04 (179)	1.1205E-04 (179)	1.0227E-04 (179)	9.2582E-05 (179)
11	7.7089E-05 (140)	7.5585E-05 (140)	7.7030E-05 (155)	7.4323E-05 (170)	7.5611E-05 (170)
12	5.2802E-05 (231)	5.5559E-05 (231)	5.5180E-05 (231)	5.3704E-05 (180)	5.6987E-05 (224)
13	8.6887E-05 (244)	9.7650E-05 (226)	9.6172E-05 (226)	9.1437E-05 (226)	9.0925E-05 (230)
14	6.4724E-05 (180)	6.9223E-05 (180)	6.9557E-05 (180)	6.7473E-05 (180)	6.4171E-05 (180)
15	6.7515E-05 (244)	7.3850E-05 (244)	6.6430E-05 (177)	5.9984E-05 (177)	5.4760E-05 (177)
16	6.4003E-05 (95)	7.2340E-05 (95)	7.6357E-05 (95)	7.7345E-05 (95)	7.3818E-05 (244)
17	5.4138E-05 (144)	6.5198E-05 (105)	7.2989E-05 (105)	7.6018E-05 (105)	7.5805E-05 (105)
18	4.5780E-05 (95)	5.2374E-05 (143)	5.6892E-05 (96)	6.0434E-05 (96)	6.1205E-05 (361)
19	4.4107E-05 (94)	4.6131E-05 (94)	4.3786E-05 (143)	3.9046E-05 (143)	3.6379E-05 (300)
20	6.6537E-05 (143)	8.0554E-05 (293)	8.3611E-05 (106)	7.9400E-05 (106)	7.4889E-05 (106)
21	7.5957E-05 (106)	7.8625E-05 (14)	8.9366E-05 (14)	9.5238E-05 (14)	9.7412E-05 (14)
22	9.0550E-05 (141)	1.1130E-04 (141)	1.1597E-04 (176)	1.1217E-04 (176)	1.0738E-04 (176)
23	8.0811E-05 (181)	8.6046E-05 (181)	8.5625E-05 (181)	8.2620E-05 (181)	7.8723E-05 (181)
24	6.3638E-05 (247)	6.9694E-05 (142)	7.3818E-05 (332)	7.1877E-05 (85)	7.5270E-05 (285)
25	8.8395E-05 (250)	8.8756E-05 (97)	9.6149E-05 (142)	1.0244E-04 (142)	1.0406E-04 (142)
26	1.2912E-04 (116)	1.1600E-04 (253)	1.3774E-04 (253)	1.4340E-04 (247)	1.3585E-04 (247)
27	1.5458E-04 (248)	1.6361E-04 (248)	1.6343E-04 (248)	1.5810E-04 (248)	1.5025E-04 (248)
28	1.0709E-04 (250)	1.1473E-04 (250)	1.1475E-04 (250)	1.0554E-04 (184)	9.3562E-05 (184)
29	9.1970E-05 (250)	9.2490E-05 (250)	8.7208E-05 (250)	8.6625E-05 (251)	8.5804E-05 (251)
30	1.1099E-04 (219)	1.2134E-04 (219)	1.1996E-04 (217)	1.1207E-04 (217)	1.1183E-04 (143)
31	6.9442E-05 (114)	6.6464E-05 (219)	6.6781E-05 (219)	7.6589E-05 (222)	8.3969E-05 (222)
32	8.5940E-05 (258)	8.8051E-05 (258)	8.8649E-05 (161)	9.0912E-05 (242)	8.8995E-05 (242)
33	9.6741E-05 (114)	9.4484E-05 (218)	9.7174E-05 (198)	9.5447E-05 (242)	9.2420E-05 (242)
34	8.6963E-05 (216)	9.0521E-05 (216)	8.7576E-05 (216)	8.2003E-05 (216)	7.5807E-05 (216)
35	7.1763E-05 (147)	7.4305E-05 (147)	7.2084E-05 (147)	7.0120E-05 (169)	6.9758E-05 (169)
36	6.3279E-05 (162)	6.3473E-05 (249)	6.6780E-05 (249)	6.9162E-05 (331)	7.3632E-05 (331)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 8.1186E-04 DIRECTION= 30 DISTANCE= 4.0 KM DAY=219 TIME PERIOD= 4

YEAR= 75

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	7.4289E-04 (99, 5)	6.8997E-04 (120, 4)	6.0695E-04 (120, 4)	5.2719E-04 (120, 4)	4.5757E-04 (120, 4)
2	4.9282E-04 (218, 4)	5.7536E-04 (92, 5)	5.7451E-04 (92, 5)	5.8059E-04 (48, 4)	6.2842E-04 (48, 4)
3	5.9843E-04 (216, 5)	6.5131E-04 (216, 5)	6.6426E-04 (216, 5)	6.3577E-04 (203, 4)	5.9318E-04 (203, 4)
4	5.2007E-04 (145, 4)	5.6959E-04 (109, 5)	6.3712E-04 (109, 5)	6.2285E-04 (203, 4)	5.7931E-04 (203, 4)
5	7.6953E-04 (132, 4)	7.0403E-04 (132, 4)	6.2292E-04 (132, 4)	6.1813E-04 (137, 4)	6.1529E-04 (137, 4)
6	5.2571E-04 (181, 5)	5.2164E-04 (181, 5)	5.0855E-04 (181, 5)	4.8939E-04 (181, 5)	4.6631E-04 (181, 5)
7	6.5217E-04 (185, 5)	5.8468E-04 (185, 4)	6.3097E-04 (80, 5)	6.8327E-04 (80, 5)	7.0140E-04 (80, 5)
8	5.9839E-04 (162, 5)	5.9324E-04 (299, 4)	5.9831E-04 (299, 4)	5.7931E-04 (299, 4)	5.2277E-04 (185, 4)
9	7.9197E-04 (166, 5)	7.6316E-04 (180, 4)	7.4426E-04 (180, 4)	7.2098E-04 (227, 5)	6.5817E-04 (180, 4)
10	5.6992E-04 (179, 5)	5.4617E-04 (179, 5)	5.3103E-04 (115, 5)	5.1501E-04 (115, 5)	5.1474E-04 (134, 6)
11	4.6529E-04 (126, 5)	4.9306E-04 (126, 5)	4.7585E-04 (177, 5)	4.2880E-04 (177, 5)	4.2174E-04 (40, 5)
12	3.7450E-04 (97, 4)	3.7670E-04 (140, 6)	4.0260E-04 (140, 6)	4.0770E-04 (140, 6)	3.9963E-04 (140, 6)
13	3.9839E-04 (230, 5)	4.3186E-04 (226, 4)	4.4565E-04 (226, 4)	4.4035E-04 (226, 4)	4.2517E-04 (226, 4)
14	3.9331E-04 (177, 4)	3.6471E-04 (328, 5)	3.8445E-04 (328, 5)	3.8919E-04 (328, 5)	3.8529E-04 (328, 5)
15	3.6579E-04 (297, 4)	3.7447E-04 (244, 4)	3.9368E-04 (244, 4)	3.9208E-04 (244, 4)	3.7804E-04 (244, 4)
16	4.7261E-04 (177, 4)	4.1400E-04 (144, 4)	3.7077E-04 (65, 4)	3.7095E-04 (65, 4)	3.6218E-04 (65, 4)
17	4.3310E-04 (144, 4)	4.7312E-04 (105, 5)	5.0957E-04 (95, 4)	4.9991E-04 (95, 4)	4.8219E-04 (95, 4)
18	3.3306E-04 (95, 4)	3.5822E-04 (95, 4)	3.6669E-04 (95, 4)	3.7637E-04 (326, 4)	3.9918E-04 (326, 4)
19	2.8664E-04 (228, 6)	2.7324E-04 (228, 6)	2.8361E-04 (65, 4)	2.8463E-04 (300, 4)	2.9103E-04 (300, 4)
20	4.1107E-04 (94, 4)	4.5359E-04 (143, 4)	4.7620E-04 (94, 4)	4.7790E-04 (65, 4)	4.7708E-04 (94, 4)
21	5.7862E-04 (64, 5)	6.1620E-04 (176, 4)	6.2990E-04 (56, 4)	6.4773E-04 (56, 4)	6.4653E-04 (56, 4)
22	4.4631E-04 (141, 4)	4.9342E-04 (141, 4)	5.0245E-04 (141, 4)	4.8907E-04 (141, 4)	4.7307E-04 (111, 4)
23	6.4648E-04 (181, 4)	6.1340E-04 (176, 4)	6.3329E-04 (85, 5)	6.6084E-04 (181, 4)	6.2958E-04 (181, 4)
24	4.9366E-04 (247, 5)	4.9433E-04 (247, 5)	4.8446E-04 (276, 4)	4.6852E-04 (276, 4)	4.7344E-04 (236, 4)
25	7.0355E-04 (97, 4)	7.0964E-04 (97, 4)	6.7130E-04 (97, 4)	6.1915E-04 (97, 4)	6.1256E-04 (116, 4)
26	6.8839E-04 (247, 4)	6.7142E-04 (247, 4)	6.1974E-04 (247, 4)	5.8211E-04 (142, 4)	5.6737E-04 (142, 4)
27	6.6368E-04 (248, 5)	6.3634E-04 (248, 5)	6.6174E-04 (284, 4)	6.6920E-04 (284, 4)	6.5561E-04 (204, 4)
28	4.5096E-04 (286, 4)	4.9447E-04 (286, 4)	5.0097E-04 (286, 4)	5.1793E-04 (86, 5)	5.0687E-04 (212, 3)
29	4.3532E-04 (250, 4)	4.2574E-04 (250, 4)	4.3166E-04 (223, 4)	4.2907E-04 (53, 4)	4.2222E-04 (217, 4)
30	7.8355E-04 (219, 4)	8.0836E-04 (219, 4)	8.1186E-04 (219, 4)	7.3979E-04 (217, 4)	6.6701E-04 (217, 4)
31	4.8899E-04 (219, 4)	4.9372E-04 (219, 4)	5.0723E-04 (222, 5)	5.8006E-04 (127, 3)	6.2552E-04 (127, 3)
32	5.0763E-04 (168, 4)	5.2212E-04 (168, 4)	5.1514E-04 (168, 4)	5.4913E-04 (281, 4)	5.1617E-04 (196, 3)
33	7.3376E-04 (114, 5)	7.3181E-04 (242, 4)	6.9076E-04 (242, 4)	6.4652E-04 (242, 4)	6.0203E-04 (242, 4)
34	6.7303E-04 (260, 4)	6.7741E-04 (260, 4)	6.4421E-04 (260, 4)	5.9639E-04 (260, 4)	5.4657E-04 (260, 4)
35	4.6438E-04 (260, 4)	4.8823E-04 (260, 4)	4.8024E-04 (260, 4)	4.5544E-04 (260, 4)	4.5468E-04 (136, 4)
36	5.0293E-04 (120, 4)	4.3977E-04 (162, 4)	4.3246E-04 (202, 3)	4.2058E-04 (145, 3)	4.2158E-04 (145, 3)

COMPOSITE HIGHEST,SECOND-HIGHEST 24-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	94	89	92	98	100
2	91	112	114	110	113
3	102	108	119	121	119
4	108	108	110	114	113
5	149	150	148	146	141
6	137	139	133	134	129
7	153	147	139	132	125
8	148	146	138	127	124
9	186	199	199	203	205
10	161	165	161	153	145
11	93	94	97	98	96
12	85	91	107	117	108
13	87	98	96	91	91
14	65	69	70	68	67
15	68	74	68	67	72
16	69	73	76	84	89
17	70	71	73	76	76
18	69	78	87	88	92
19	65	64	67	70	69
20	91	91	85	79	79
21	128	134	121	119	112
22	102	111	116	112	107
23	128	127	121	113	105
24	107	131	162	183	187
25	112	127	134	132	131
26	140	149	144	143	141
27	155	164	163	158	150
28	114	116	115	108	101
29	109	116	116	113	109
30	111	121	120	112	112
31	97	103	98	109	110
32	114	115	113	113	109
33	130	128	122	114	106
34	91	98	114	122	123
35	113	111	104	95	88
36	130.	127.	120.	111.	103.

COMPOSITE HIGHEST, SECOND-HIGHEST 3-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	743.	690.	607.	577.	577.
2	511.	575.	575.	581.	628.
3	666.	651.	664.	636.	593.
4	659.	675.	732.	747.	734.
5	831.	803.	850.	853.	832.
6	720.	682.	718.	698.	674.
7	782.	774.	731.	724.	701.
8	856.	813.	718.	672.	669.
9	964.	1057.	1089.	1084.	1059.
10	805.	811.	774.	767.	761.
11	532.	522.	514.	514.	500.
12	645.	564.	566.	588.	532.
13	398.	448.	471.	468.	461.
14	418.	421.	457.	479.	480.
15	439.	427.	484.	507.	522.
16	473.	447.	489.	522.	514.
17	433.	473.	510.	500.	482.
18	451.	436.	511.	551.	552.
19	403.	422.	458.	491.	499.
20	480.	494.	496.	478.	477.
21	665.	653.	630.	648.	647.
22	698.	745.	699.	641.	585.
23	662.	613.	633.	661.	630.
24	682.	649.	683.	747.	775.
25	704.	716.	702.	708.	691.
26	694.	671.	620.	592.	634.
27	805.	712.	662.	669.	656.
28	637.	638.	620.	608.	621.
29	701.	702.	680.	644.	595.
30	784.	808.	812.	740.	667.
31	763.	733.	693.	631.	626.
32	618.	641.	738.	751.	732.
33	734.	732.	715.	719.	745.
34	673.	677.	668.	712.	721.
35	788.	734.	654.	574.	501.
36	698.	717.	697.	661.	620.

RING DISTANCES(KM)= 5.50 6.00 7.00 20.80 53.20

STACK # 1--TECO 1&2 100% 35T/H SO2
STACK # 2--TECO 3 100% 35T/H SO2

STACK	MONTH	EMISSION RATE (GMS/SEC)	HEIGHT (METERS)	DIAMETER (METERS)	EXIT VELOCITY (M/SEC)	TEMP (DEG.K)	VOLUMETRIC FLOW (M**3/SEC)
1	ALL	5832.3281	149.40	7.32	28.60	422.00	1203.59
2	ALL	2987.6799	149.40	7.32	14.40	417.00	606.00

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.5904E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=220

YEAR= 71

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	6.5965E-05 (113)	6.3645E-05 (113)	5.9303E-05 (113)	4.7298E-05 (58)	2.7995E-05 (113)
2	1.0427E-04 (331)	1.0272E-04 (331)	9.7050E-05 (331)	6.0849E-05 (113)	3.2298E-05 (228)
3	9.1916E-05 (205)	8.7666E-05 (205)	7.8637E-05 (205)	3.4248E-05 (354)	2.2376E-05 (111)
4	8.5377E-05 (234)	7.8490E-05 (234)	7.0822E-05 (127)	2.9931E-05 (205)	1.2366E-05 (114)
5	8.3022E-05 (205)	7.7554E-05 (234)	7.2717E-05 (178)	3.2907E-05 (178)	2.1341E-05 (92)
6	7.5945E-05 (206)	6.7810E-05 (206)	5.5679E-05 (206)	5.3468E-05 (175)	3.1765E-05 (118)
7	8.9279E-05 (280)	8.6756E-05 (280)	7.9337E-05 (280)	3.5503E-05 (229)	2.1084E-05 (117)
8	9.3847E-05 (139)	8.8441E-05 (139)	7.7527E-05 (139)	3.7939E-05 (167)	2.4715E-05 (256)
9	1.5904E-04 (220)	1.5083E-04 (128)	1.3100E-04 (128)	8.7015E-05 (166)	4.6549E-05 (166)
10	1.1499E-04 (161)	1.1259E-04 (161)	1.0506E-04 (161)	5.4433E-05 (195)	3.3254E-05 (195)
11	8.6695E-05 (196)	8.3652E-05 (196)	7.5553E-05 (196)	4.5392E-05 (44)	2.2012E-05 (96)
12	9.7524E-05 (198)	8.8220E-05 (198)	7.3569E-05 (198)	6.1019E-05 (123)	3.1033E-05 (44)
13	7.5724E-05 (141)	7.1883E-05 (141)	6.5504E-05 (123)	3.4874E-05 (97)	2.2258E-05 (220)
14	6.5023E-05 (222)	6.2747E-05 (222)	5.7149E-05 (222)	4.1447E-05 (63)	2.2908E-05 (19)
15	7.2969E-05 (221)	7.2431E-05 (221)	6.8043E-05 (221)	4.6327E-05 (121)	2.3572E-05 (299)
16	7.0089E-05 (124)	6.8822E-05 (124)	6.4402E-05 (124)	4.2212E-05 (121)	2.4597E-05 (76)
17	4.9956E-05 (169)	4.8429E-05 (169)	4.6881E-05 (181)	2.7392E-05 (19)	1.5527E-05 (67)
18	5.8955E-05 (99)	5.5585E-05 (99)	4.9183E-05 (99)	3.3261E-05 (89)	2.2580E-05 (89)
19	5.2073E-05 (316)	5.1587E-05 (316)	4.8210E-05 (316)	4.1712E-05 (67)	2.6162E-05 (314)
20	4.5342E-05 (46)	4.2465E-05 (46)	3.7317E-05 (46)	2.4928E-05 (170)	1.6013E-05 (41)
21	7.6790E-05 (311)	7.4989E-05 (311)	6.9343E-05 (312)	4.8863E-05 (356)	3.4688E-05 (308)
22	5.9533E-05 (41)	6.0900E-05 (326)	6.0708E-05 (326)	4.8855E-05 (356)	3.0937E-05 (301)
23	8.2463E-05 (272)	7.9470E-05 (272)	7.4154E-05 (329)	7.2760E-05 (292)	4.2437E-05 (292)
24	1.0342E-04 (156)	9.5640E-05 (156)	8.2563E-05 (156)	5.7434E-05 (352)	4.9622E-05 (319)
25	8.2957E-05 (285)	8.0434E-05 (285)	7.3790E-05 (285)	4.5568E-05 (335)	3.1223E-05 (156)
26	8.1061E-05 (267)	7.7077E-05 (156)	7.3647E-05 (267)	5.5163E-05 (33)	3.3861E-05 (33)
27	1.3480E-04 (190)	1.3160E-04 (101)	1.1764E-04 (101)	5.4491E-05 (190)	3.4587E-05 (49)
28	9.6902E-05 (248)	9.3728E-05 (248)	8.4843E-05 (248)	4.3500E-05 (327)	3.2172E-05 (244)
29	9.7815E-05 (214)	9.7232E-05 (214)	9.1973E-05 (214)	4.5370E-05 (305)	3.0506E-05 (143)
30	9.8181E-05 (210)	9.9174E-05 (210)	9.6549E-05 (210)	5.1576E-05 (3)	4.1485E-05 (3)
31	7.0830E-05 (243)	7.0151E-05 (243)	6.5956E-05 (243)	4.0354E-05 (209)	3.0881E-05 (261)
32	1.0369E-04 (2)	9.7681E-05 (2)	8.6375E-05 (2)	3.3698E-05 (2)	1.9562E-05 (345)
33	1.1218E-04 (185)	1.1155E-04 (91)	1.0595E-04 (363)	5.4851E-05 (361)	3.3034E-05 (361)
34	1.1596E-04 (259)	1.0842E-04 (259)	9.4726E-05 (259)	3.3475E-05 (259)	2.2150E-05 (59)
35	8.3006E-05 (229)	7.8260E-05 (229)	6.9409E-05 (229)	2.3798E-05 (229)	1.9394E-05 (255)
36	9.5606E-05 (260)	8.8636E-05 (260)	7.6827E-05 (260)	4.2303E-05 (58)	3.0340E-05 (229)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 7.7677E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=178 TIME PERIOD= 4

YEAR= 71

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	4.1152E-04 (296, 4)	3.8521E-04 (296, 4)	3.4868E-04 (193, 5)	2.2133E-04 (62, 3)	1.3964E-04 (201, 4)
2	5.5778E-04 (73, 4)	5.5607E-04 (25, 4)	5.3232E-04 (25, 4)	2.2707E-04 (331, 4)	1.1629E-04 (30, 6)
3	4.7946E-04 (331, 4)	4.8047E-04 (331, 4)	4.5878E-04 (331, 4)	1.9807E-04 (88, 4)	1.0570E-04 (65, 6)
4	6.0046E-04 (127, 4)	5.6443E-04 (234, 4)	4.8930E-04 (234, 4)	1.8261E-04 (233, 6)	8.4897E-05 (201, 5)
5	5.4163E-04 (178, 3)	5.6775E-04 (178, 3)	5.3724E-04 (234, 4)	2.3212E-04 (205, 6)	1.0431E-04 (118, 8)
6	5.2136E-04 (200, 4)	4.7854E-04 (200, 4)	4.1103E-04 (279, 4)	1.7833E-04 (159, 4)	1.3909E-04 (60, 7)
7	5.3903E-04 (224, 4)	5.2227E-04 (224, 4)	4.9136E-04 (21, 5)	2.4784E-04 (114, 5)	1.1749E-04 (73, 6)
8	5.8436E-04 (160, 4)	5.8587E-04 (232, 5)	5.6116E-04 (232, 5)	1.7877E-04 (121, 1)	1.2109E-04 (344, 6)
9	7.7677E-04 (178, 4)	7.3079E-04 (178, 4)	6.7492E-04 (119, 4)	2.6759E-04 (200, 6)	1.4581E-04 (200, 6)
10	7.3080E-04 (204, 5)	6.8369E-04 (204, 5)	5.9689E-04 (204, 5)	2.5851E-04 (172, 6)	1.4224E-04 (172, 7)
11	4.6918E-04 (204, 5)	4.3729E-04 (204, 5)	3.7845E-04 (204, 5)	1.6336E-04 (96, 8)	1.0310E-04 (224, 2)
12	4.8255E-04 (198, 4)	4.3997E-04 (198, 4)	3.7276E-04 (198, 4)	2.1335E-04 (39, 6)	1.0984E-04 (123, 2)
13	4.5700E-04 (136, 4)	4.4287E-04 (136, 4)	3.9950E-04 (136, 4)	1.5598E-04 (79, 1)	1.0734E-04 (223, 3)
14	4.5288E-04 (199, 6)	4.5871E-04 (199, 6)	4.4357E-04 (199, 6)	1.9570E-04 (235, 5)	1.0496E-04 (136, 2)
15	5.0022E-04 (222, 4)	4.7282E-04 (222, 5)	4.2001E-04 (222, 5)	1.8255E-04 (89, 1)	1.2416E-04 (70, 7)
16	5.0100E-04 (169, 4)	4.8412E-04 (169, 4)	4.4579E-04 (169, 4)	2.0773E-04 (325, 4)	1.2421E-04 (93, 1)
17	3.5423E-04 (315, 5)	3.5668E-04 (315, 5)	3.4292E-04 (315, 5)	1.8241E-04 (67, 4)	9.4906E-05 (136, 3)
18	4.3029E-04 (124, 5)	4.0388E-04 (124, 5)	3.6087E-04 (334, 5)	1.8981E-04 (301, 4)	1.1956E-04 (89, 3)
19	3.8783E-04 (316, 5)	3.8629E-04 (316, 5)	3.6371E-04 (316, 5)	1.6761E-04 (314, 6)	1.2446E-04 (67, 3)
20	3.6274E-04 (46, 5)	3.3972E-04 (46, 5)	2.9854E-04 (46, 5)	1.7097E-04 (301, 5)	1.0430E-04 (19, 8)
21	3.8677E-04 (98, 4)	3.6812E-04 (98, 4)	3.2772E-04 (98, 4)	1.8208E-04 (338, 4)	1.5958E-04 (7, 3)
22	4.2839E-04 (291, 5)	4.1306E-04 (291, 5)	4.1763E-04 (326, 4)	1.8369E-04 (326, 4)	1.5038E-04 (313, 8)
23	4.9712E-04 (271, 5)	4.9811E-04 (273, 4)	4.9812E-04 (273, 4)	2.3988E-04 (267, 3)	1.3604E-04 (309, 2)
24	4.8732E-04 (90, 4)	4.5667E-04 (90, 4)	3.9934E-04 (90, 4)	2.2559E-04 (357, 5)	1.7446E-04 (310, 1)
25	5.7949E-04 (137, 4)	5.6857E-04 (156, 3)	5.6277E-04 (156, 3)	2.3685E-04 (156, 3)	1.4907E-04 (336, 6)
26	4.6800E-04 (156, 3)	4.5023E-04 (156, 3)	4.2686E-04 (360, 4)	1.8220E-04 (241, 6)	1.4013E-04 (353, 3)
27	5.4660E-04 (265, 4)	5.4198E-04 (265, 4)	5.1730E-04 (265, 4)	2.7106E-04 (265, 4)	1.4084E-04 (135, 1)
28	4.8645E-04 (231, 4)	4.7799E-04 (64, 4)	4.5365E-04 (101, 5)	2.1008E-04 (193, 6)	1.4444E-04 (327, 6)
29	4.8710E-04 (360, 5)	4.7798E-04 (360, 5)	4.4121E-04 (360, 5)	2.5052E-04 (3, 6)	1.1640E-04 (233, 4)
30	6.6474E-04 (211, 3)	6.3666E-04 (182, 4)	5.6282E-04 (182, 4)	2.2032E-04 (144, 3)	1.7078E-04 (253, 1)
31	3.9076E-04 (278, 4)	3.8737E-04 (278, 4)	3.7632E-04 (261, 4)	1.7344E-04 (362, 4)	1.2443E-04 (139, 2)
32	4.6305E-04 (2, 4)	4.3321E-04 (2, 4)	4.2707E-04 (346, 4)	2.0111E-04 (345, 4)	1.1609E-04 (132, 1)
33	6.9293E-04 (77, 5)	7.1167E-04 (185, 4)	7.0493E-04 (91, 5)	2.5262E-04 (333, 1)	1.5334E-04 (205, 2)
34	6.9512E-04 (259, 4)	6.5813E-04 (259, 4)	5.8339E-04 (259, 4)	2.0480E-04 (259, 4)	1.2518E-04 (59, 1)
35	4.3867E-04 (211, 4)	3.8699E-04 (211, 4)	3.1877E-04 (218, 5)	1.5726E-04 (176, 8)	1.5515E-04 (255, 8)
36	5.7915E-04 (260, 4)	5.4004E-04 (260, 4)	4.7169E-04 (260, 4)	2.6329E-04 (58, 4)	1.4329E-04 (229, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 2.0371E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=207

YEAR= 72

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	9.8985E-05 (107)	9.6297E-05 (107)	8.8460E-05 (107)	3.8890E-05 (38)	2.6305E-05 (65)
2	1.1268E-04 (57)	1.1004E-04 (57)	1.0186E-04 (57)	4.6159E-05 (341)	2.5453E-05 (5)
3	9.3250E-05 (105)	8.9565E-05 (105)	8.1226E-05 (105)	4.7052E-05 (129)	3.1490E-05 (89)
4	8.0105E-05 (269)	7.3952E-05 (195)	6.5379E-05 (136)	2.3090E-05 (269)	1.3777E-05 (312)
5	1.2038E-04 (211)	1.1263E-04 (261)	9.8339E-05 (261)	3.6133E-05 (211)	2.0967E-05 (312)
6	1.0611E-04 (261)	1.0102E-04 (261)	9.2159E-05 (261)	5.0561E-05 (85)	2.3869E-05 (107)
7	1.0980E-04 (298)	1.0665E-04 (316)	9.8132E-05 (309)	4.3323E-05 (172)	2.4933E-05 (99)
8	1.1689E-04 (53)	1.1220E-04 (53)	1.0133E-04 (53)	5.4481E-05 (172)	3.1916E-05 (180)
9	2.0371E-04 (207)	1.9944E-04 (207)	1.8592E-04 (242)	1.3153E-04 (174)	6.8657E-05 (173)
10	1.3695E-04 (242)	1.2917E-04 (242)	1.1549E-04 (242)	5.7643E-05 (183)	2.6455E-05 (124)
11	8.7340E-05 (131)	8.2367E-05 (131)	7.1912E-05 (131)	4.6400E-05 (143)	2.7032E-05 (143)
12	5.9794E-05 (238)	5.9128E-05 (238)	5.5351E-05 (245)	3.0245E-05 (331)	2.3540E-05 (245)
13	6.5192E-05 (116)	6.2238E-05 (116)	5.6115E-05 (116)	4.7194E-05 (44)	2.8772E-05 (361)
14	5.0162E-05 (146)	4.7256E-05 (146)	4.1028E-05 (146)	3.1211E-05 (360)	2.3089E-05 (97)
15	5.0778E-05 (146)	4.9437E-05 (146)	4.5679E-05 (146)	3.8125E-05 (362)	2.6546E-05 (44)
16	4.8820E-05 (322)	5.0188E-05 (322)	4.7120E-05 (260)	3.3686E-05 (362)	1.8913E-05 (325)
17	4.9234E-05 (326)	5.5045E-05 (326)	6.3888E-05 (326)	5.2072E-05 (351)	2.9927E-05 (351)
18	5.4394E-05 (247)	5.2197E-05 (147)	5.5176E-05 (147)	5.5570E-05 (320)	4.3174E-05 (320)
19	4.8254E-05 (189)	4.9076E-05 (313)	4.9392E-05 (313)	4.1922E-05 (16)	2.7165E-05 (16)
20	6.1112E-05 (252)	5.4222E-05 (252)	5.0507E-05 (83)	2.6781E-05 (92)	1.9906E-05 (327)
21	6.6895E-05 (189)	6.4516E-05 (336)	6.1696E-05 (336)	3.6719E-05 (92)	2.1609E-05 (92)
22	6.7082E-05 (288)	6.7155E-05 (288)	6.4651E-05 (86)	5.8226E-05 (66)	3.3679E-05 (329)
23	6.8301E-05 (158)	6.4275E-05 (191)	6.2168E-05 (70)	7.2870E-05 (117)	4.2601E-05 (117)
24	9.3439E-05 (288)	9.6538E-05 (267)	9.3454E-05 (267)	6.0973E-05 (294)	3.7908E-05 (353)
25	9.7985E-05 (157)	9.3457E-05 (157)	8.2946E-05 (157)	5.6666E-05 (156)	3.5338E-05 (156)
26	1.3977E-04 (265)	1.3614E-04 (265)	1.2573E-04 (265)	5.5460E-05 (257)	3.2835E-05 (203)
27	8.9701E-05 (268)	9.2377E-05 (268)	9.5586E-05 (268)	8.6846E-05 (306)	5.3317E-05 (167)
28	9.5888E-05 (339)	9.3149E-05 (339)	8.5992E-05 (339)	9.4453E-05 (121)	5.5722E-05 (121)
29	9.6251E-05 (230)	9.4561E-05 (230)	8.8994E-05 (230)	5.4762E-05 (169)	2.7716E-05 (101)
30	8.6105E-05 (228)	8.1834E-05 (228)	7.3626E-05 (228)	3.7190E-05 (332)	2.6724E-05 (365)
31	8.8308E-05 (241)	8.4701E-05 (241)	7.7071E-05 (241)	3.6043E-05 (269)	2.3364E-05 (308)
32	9.5255E-05 (61)	9.2015E-05 (61)	8.3680E-05 (61)	3.7839E-05 (120)	3.1185E-05 (1)
33	1.0441E-04 (12)	1.0464E-04 (12)	1.0004E-04 (12)	5.3339E-05 (171)	3.3767E-05 (301)
34	5.6278E-05 (211)	5.6384E-05 (211)	5.6078E-05 (161)	2.9695E-05 (90)	2.0140E-05 (161)
35	5.2393E-05 (213)	4.8968E-05 (213)	4.2143E-05 (307)	3.2185E-05 (309)	1.8091E-05 (309)
36	6.4774E-05 (136)	6.2388E-05 (136)	5.7592E-05 (136)	4.4067E-05 (14)	2.3977E-05 (357)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 1.0150E-03 DIRECTION= 9 DISTANCE= 5.5 KM DAY=207 TIME PERIOD= 4

YEAR= 72

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	5.4740E-04 (113, 4)	5.1337E-04 (113, 4)	4.4408E-04 (113, 4)	2.0841E-04 (38, 2)	1.4590E-04 (330, 7)
2	5.7645E-04 (57, 4)	5.6736E-04 (57, 4)	5.3127E-04 (57, 4)	2.0709E-04 (171, 6)	1.0177E-04 (31, 2)
3	4.9887E-04 (149, 5)	4.8561E-04 (149, 5)	4.4286E-04 (149, 5)	1.9611E-04 (5, 5)	1.1893E-04 (319, 6)
4	4.3609E-04 (209, 4)	4.2542E-04 (110, 5)	3.7122E-04 (245, 5)	1.4512E-04 (269, 6)	9.0138E-05 (89, 2)
5	5.6390E-04 (292, 4)	5.4476E-04 (292, 4)	4.9609E-04 (292, 4)	1.9270E-04 (357, 5)	1.1682E-04 (233, 4)
6	6.5775E-04 (85, 4)	6.5030E-04 (85, 4)	6.1581E-04 (85, 4)	2.6475E-04 (210, 6)	1.3893E-04 (210, 7)
7	6.1512E-04 (298, 5)	5.6402E-04 (298, 5)	5.3083E-04 (138, 4)	1.9038E-04 (309, 5)	1.0123E-04 (104, 6)
8	6.0264E-04 (153, 4)	5.9662E-04 (153, 4)	5.5843E-04 (153, 4)	2.0373E-04 (290, 4)	1.1112E-04 (153, 1)
9	1.0150E-03 (207, 4)	9.5437E-04 (207, 4)	8.4296E-04 (207, 4)	3.2148E-04 (207, 4)	1.4017E-04 (152, 7)
10	6.9313E-04 (183, 5)	6.5442E-04 (183, 5)	5.8147E-04 (183, 5)	2.6194E-04 (96, 6)	1.3122E-04 (209, 6)
11	4.4735E-04 (222, 5)	4.2652E-04 (222, 5)	3.7714E-04 (222, 5)	2.0812E-04 (44, 6)	1.1480E-04 (97, 7)
12	4.0384E-04 (245, 6)	3.8881E-04 (112, 4)	3.4352E-04 (112, 4)	1.6571E-04 (350, 8)	1.3592E-04 (245, 6)
13	3.4007E-04 (112, 4)	3.5419E-04 (226, 6)	3.9493E-04 (226, 6)	1.6471E-04 (50, 5)	1.0956E-04 (91, 7)
14	3.7821E-04 (282, 4)	3.5394E-04 (282, 4)	3.1108E-04 (282, 4)	2.1761E-04 (322, 5)	1.2350E-04 (281, 4)
15	2.9596E-04 (109, 6)	2.9344E-04 (109, 6)	2.7741E-04 (109, 6)	1.8544E-04 (50, 2)	1.3114E-04 (146, 3)
16	2.8088E-04 (259, 6)	2.8184E-04 (259, 6)	2.6925E-04 (259, 6)	1.6373E-04 (322, 4)	9.8707E-05 (217, 8)
17	2.8692E-04 (23, 4)	3.1153E-04 (326, 5)	3.5882E-04 (326, 5)	2.0742E-04 (326, 5)	1.1033E-04 (326, 2)
18	3.8860E-04 (147, 4)	4.1758E-04 (147, 4)	4.4141E-04 (147, 4)	1.8418E-04 (48, 1)	1.3754E-04 (320, 3)
19	2.9577E-04 (206, 4)	2.8518E-04 (155, 6)	2.6519E-04 (289, 4)	1.9719E-04 (16, 2)	1.3502E-04 (205, 8)
20	2.9577E-04 (206, 4)	2.8787E-04 (193, 5)	2.7267E-04 (7, 4)	1.5362E-04 (15, 8)	9.1080E-05 (15, 8)
21	4.3567E-04 (288, 5)	4.3894E-04 (288, 5)	4.2340E-04 (288, 5)	1.6629E-04 (16, 5)	1.1824E-04 (329, 1)
22	3.7029E-04 (189, 4)	3.4729E-04 (189, 4)	3.4969E-04 (279, 3)	2.0710E-04 (17, 1)	1.2000E-04 (278, 2)
23	4.0175E-04 (342, 5)	4.0263E-04 (342, 5)	4.1122E-04 (272, 3)	2.2358E-04 (17, 8)	1.4531E-04 (17, 8)
24	4.2029E-04 (52, 4)	3.9078E-04 (186, 4)	3.6412E-04 (288, 3)	1.9773E-04 (100, 7)	1.4003E-04 (339, 2)
25	5.6836E-04 (226, 4)	5.5358E-04 (226, 4)	5.0955E-04 (226, 4)	2.2278E-04 (100, 5)	1.4193E-04 (310, 1)
26	4.3679E-04 (246, 4)	4.1309E-04 (246, 4)	3.6887E-04 (266, 4)	2.2683E-04 (66, 6)	1.4635E-04 (66, 6)
27	4.6616E-04 (337, 5)	4.6615E-04 (337, 5)	4.5680E-04 (257, 4)	2.3752E-04 (306, 6)	1.7940E-04 (166, 1)
28	6.1368E-04 (297, 4)	5.9418E-04 (297, 4)	5.3795E-04 (297, 4)	2.5331E-04 (133, 7)	1.4949E-04 (133, 7)
29	3.7089E-04 (339, 4)	3.5341E-04 (297, 4)	3.3353E-04 (345, 5)	1.7404E-04 (127, 6)	1.2031E-04 (222, 8)
30	6.2161E-04 (345, 4)	6.0856E-04 (345, 4)	5.6950E-04 (345, 4)	2.4019E-04 (198, 4)	1.2062E-04 (343, 4)
31	4.8539E-04 (332, 5)	4.9136E-04 (332, 5)	4.7099E-04 (241, 4)	1.7918E-04 (269, 4)	9.8847E-05 (308, 2)
32	5.1364E-04 (61, 4)	4.9516E-04 (61, 4)	4.4587E-04 (61, 4)	1.7722E-04 (161, 4)	1.4189E-04 (349, 8)
33	7.0719E-04 (229, 4)	6.6722E-04 (229, 4)	5.9165E-04 (229, 4)	2.5739E-04 (171, 2)	1.1740E-04 (58, 4)
34	3.3690E-04 (12, 4)	3.3769E-04 (12, 4)	3.7321E-04 (161, 4)	1.7479E-04 (211, 3)	1.1476E-04 (111, 3)
35	4.1914E-04 (213, 5)	3.9175E-04 (213, 5)	3.3649E-04 (213, 5)	1.7240E-04 (307, 6)	1.0713E-04 (13, 8)
36	5.1814E-04 (136, 4)	4.9899E-04 (136, 4)	4.4276E-04 (64, 4)	1.9195E-04 (89, 4)	1.0439E-04 (302, 3)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAX3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.4227E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=132

YEAR= 73

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	7.4001E-05 (193)	7.6416E-05 (193)	7.7120E-05 (193)	4.3253E-05 (146)	2.4160E-05 (148)
2	8.8651E-05 (159)	8.6456E-05 (159)	7.9168E-05 (159)	4.0238E-05 (339)	2.7171E-05 (146)
3	8.5097E-05 (123)	8.0376E-05 (151)	7.1251E-05 (226)	3.4320E-05 (226)	2.2278E-05 (115)
4	8.3254E-05 (173)	7.9322E-05 (173)	7.2054E-05 (173)	3.2566E-05 (20)	2.1065E-05 (145)
5	1.3468E-04 (313)	1.2757E-04 (313)	1.1386E-04 (313)	4.2489E-05 (313)	1.9646E-05 (117)
6	1.2142E-04 (209)	1.1471E-04 (209)	1.0305E-04 (186)	5.3508E-05 (209)	2.6355E-05 (209)
7	1.1820E-04 (216)	1.1198E-04 (216)	9.7073E-05 (185)	4.7890E-05 (140)	2.5214E-05 (6)
8	1.2437E-04 (253)	1.2091E-04 (187)	1.1126E-04 (187)	4.8759E-05 (253)	2.0182E-05 (253)
9	1.4227E-04 (132)	1.3250E-04 (132)	1.1554E-04 (132)	4.7177E-05 (85)	3.1751E-05 (85)
10	1.1567E-04 (132)	1.0931E-04 (132)	9.5927E-05 (196)	5.0486E-05 (169)	3.5365E-05 (258)
11	8.0061E-05 (169)	7.6329E-05 (169)	6.9642E-05 (169)	5.4037E-05 (85)	2.7369E-05 (169)
12	7.4632E-05 (124)	7.2193E-05 (124)	6.5885E-05 (124)	4.4621E-05 (98)	3.1460E-05 (98)
13	4.3982E-05 (135)	4.2765E-05 (168)	4.4898E-05 (168)	7.4185E-05 (29)	3.4806E-05 (41)
14	6.5357E-05 (169)	6.2388E-05 (169)	5.7314E-05 (175)	4.6428E-05 (175)	3.0987E-05 (175)
15	6.2789E-05 (47)	6.2763E-05 (47)	5.9993E-05 (47)	3.9380E-05 (350)	2.4314E-05 (350)
16	5.7790E-05 (182)	5.6846E-05 (188)	5.9243E-05 (188)	2.7604E-05 (342)	1.9602E-05 (342)
17	6.2801E-05 (53)	6.1828E-05 (53)	5.9137E-05 (53)	4.8058E-05 (342)	3.2098E-05 (342)
18	9.0720E-05 (103)	8.7595E-05 (103)	8.0038E-05 (103)	3.8110E-05 (13)	2.8509E-05 (51)
19	6.4549E-05 (103)	6.0202E-05 (268)	5.5734E-05 (268)	3.3885E-05 (305)	2.3149E-05 (136)
20	7.3608E-05 (305)	7.0438E-05 (305)	7.0028E-05 (299)	4.0470E-05 (345)	3.0502E-05 (24)
21	1.0173E-04 (183)	9.2512E-05 (183)	8.6618E-05 (221)	5.5113E-05 (305)	3.4770E-05 (9)
22	8.6690E-05 (233)	7.9554E-05 (233)	6.8453E-05 (233)	4.7318E-05 (291)	3.5245E-05 (292)
23	9.6439E-05 (221)	8.8921E-05 (221)	7.6583E-05 (221)	6.4337E-05 (291)	3.7025E-05 (16)
24	1.0951E-04 (59)	1.0761E-04 (59)	9.9702E-05 (59)	5.3066E-05 (310)	3.2628E-05 (276)
25	1.3192E-04 (240)	1.2964E-04 (260)	1.2376E-04 (260)	5.8916E-05 (260)	3.5628E-05 (17)
26	1.3255E-04 (229)	1.3133E-04 (229)	1.2364E-04 (229)	4.8814E-05 (352)	2.6468E-05 (111)
27	8.4546E-05 (154)	7.7793E-05 (154)	7.3634E-05 (336)	6.0477E-05 (106)	3.4521E-05 (229)
28	9.5356E-05 (286)	8.9766E-05 (158)	7.8391E-05 (158)	6.1782E-05 (105)	3.3035E-05 (105)
29	1.0344E-04 (239)	9.8279E-05 (239)	8.8563E-05 (239)	5.0528E-05 (358)	3.6506E-05 (105)
30	8.4160E-05 (202)	8.1610E-05 (244)	7.6484E-05 (244)	4.9271E-05 (32)	3.2919E-05 (324)
31	8.4546E-05 (65)	8.4595E-05 (65)	8.0792E-05 (65)	4.2545E-05 (113)	3.3541E-05 (113)
32	9.8807E-05 (322)	9.4176E-05 (322)	8.4690E-05 (322)	6.2370E-05 (21)	3.8546E-05 (21)
33	9.5335E-05 (217)	8.7461E-05 (217)	7.5010E-05 (217)	3.8301E-05 (70)	2.2909E-05 (171)
34	8.7256E-05 (123)	8.1847E-05 (217)	7.0823E-05 (217)	3.5875E-05 (123)	2.5358E-05 (213)
35	8.0752E-05 (177)	7.5411E-05 (177)	6.7407E-05 (40)	5.3777E-05 (93)	3.2684E-05 (40)
36	7.5165E-05 (194)	7.2369E-05 (194)	6.4983E-05 (194)	3.7408E-05 (73)	2.8584E-05 (146)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 7.9043E-04 DIRECTION= 5 DISTANCE= 5.5 KM DAY=182 TIME PERIOD= 4

YEAR= 73

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	3.7136E-04 (150, 4)	3.8251E-04 (150, 4)	3.8180E-04 (150, 4)	1.7670E-04 (39, 4)	1.2205E-04 (364, 5)
2	5.6876E-04 (71, 5)	5.6528E-04 (71, 5)	5.3231E-04 (71, 5)	1.9112E-04 (57, 4)	1.0876E-04 (339, 5)
3	5.3654E-04 (123, 4)	5.1967E-04 (123, 4)	4.7006E-04 (123, 4)	1.9585E-04 (222, 6)	1.0542E-04 (116, 5)
4	5.1544E-04 (194, 4)	5.1334E-04 (194, 4)	4.9528E-04 (194, 4)	2.0535E-04 (313, 4)	1.0287E-04 (210, 8)
5	7.9043E-04 (182, 4)	7.3996E-04 (182, 4)	6.5225E-04 (182, 4)	2.5182E-04 (313, 4)	1.1443E-04 (210, 8)
6	6.1314E-04 (209, 4)	5.7077E-04 (209, 4)	4.9774E-04 (209, 4)	1.9663E-04 (117, 2)	1.0034E-04 (195, 8)
7	5.7759E-04 (219, 4)	5.4995E-04 (219, 4)	4.9113E-04 (219, 4)	1.9515E-04 (181, 4)	1.2512E-04 (20, 6)
8	6.3073E-04 (187, 3)	6.3576E-04 (187, 3)	5.9841E-04 (27, 5)	2.3983E-04 (27, 5)	9.9102E-05 (27, 5)
9	7.0978E-04 (132, 5)	6.6305E-04 (132, 5)	5.7898E-04 (180, 3)	2.4438E-04 (180, 3)	1.1417E-04 (91, 6)
10	5.1610E-04 (320, 5)	4.8043E-04 (208, 4)	4.1165E-04 (208, 4)	1.8325E-04 (178, 4)	1.2673E-04 (258, 7)
11	4.0804E-04 (235, 6)	4.1357E-04 (235, 6)	4.1283E-04 (235, 6)	1.9800E-04 (235, 6)	1.1446E-04 (174, 5)
12	4.3242E-04 (100, 4)	4.0257E-04 (100, 4)	3.8919E-04 (139, 3)	1.8632E-04 (80, 6)	1.1680E-04 (174, 8)
13	3.3094E-04 (124, 5)	3.3405E-04 (135, 3)	3.0175E-04 (135, 3)	1.7735E-04 (41, 4)	1.5743E-04 (162, 7)
14	4.6725E-04 (175, 5)	4.4677E-04 (175, 5)	3.9679E-04 (175, 5)	2.0892E-04 (101, 6)	1.6368E-04 (289, 7)
15	4.7477E-04 (118, 4)	4.4303E-04 (118, 4)	3.8132E-04 (118, 4)	2.0520E-04 (51, 5)	1.0896E-04 (51, 5)
16	3.7191E-04 (188, 4)	3.9210E-04 (124, 3)	3.9121E-04 (124, 3)	1.6960E-04 (124, 3)	1.1473E-04 (12, 5)
17	4.3043E-04 (52, 4)	4.3253E-04 (52, 4)	4.1338E-04 (52, 4)	2.4033E-04 (12, 4)	1.2121E-04 (342, 1)
18	5.5709E-04 (297, 5)	5.3980E-04 (297, 5)	4.8930E-04 (297, 5)	1.7495E-04 (13, 3)	1.1187E-04 (12, 8)
19	4.8606E-04 (103, 4)	4.5200E-04 (103, 4)	4.0262E-04 (268, 5)	1.6854E-04 (10, 1)	9.9732E-05 (136, 4)
20	4.1187E-04 (305, 4)	3.8012E-04 (305, 4)	3.4743E-04 (345, 4)	2.5466E-04 (345, 4)	1.0700E-04 (299, 4)
21	4.5069E-04 (298, 5)	4.3610E-04 (298, 5)	4.2360E-04 (221, 6)	2.1921E-04 (305, 4)	1.2713E-04 (280, 2)
22	5.5172E-04 (125, 4)	5.2421E-04 (125, 4)	4.7040E-04 (125, 4)	1.9075E-04 (297, 4)	1.1103E-04 (280, 3)
23	3.9740E-04 (221, 4)	3.7269E-04 (221, 4)	3.2727E-04 (221, 4)	2.1929E-04 (290, 8)	1.2303E-04 (16, 5)
24	5.3940E-04 (59, 4)	5.3175E-04 (59, 4)	4.9510E-04 (59, 4)	2.1019E-04 (279, 6)	1.3221E-04 (279, 6)
25	6.6229E-04 (352, 4)	6.2977E-04 (352, 4)	5.6453E-04 (352, 4)	2.5796E-04 (260, 3)	1.4732E-04 (327, 6)
26	6.5099E-04 (336, 5)	6.4985E-04 (336, 5)	6.1529E-04 (336, 5)	2.0768E-04 (225, 4)	1.3452E-04 (234, 7)
27	5.2978E-04 (317, 4)	4.9613E-04 (242, 5)	4.2747E-04 (242, 5)	2.3829E-04 (17, 6)	1.7860E-04 (242, 7)
28	4.8573E-04 (18, 4)	4.6852E-04 (286, 4)	4.5412E-04 (55, 6)	1.9774E-04 (242, 4)	1.4074E-04 (60, 8)
29	5.2036E-04 (318, 4)	5.2069E-04 (318, 4)	5.0322E-04 (318, 4)	2.8072E-04 (318, 4)	1.5294E-04 (249, 4)
30	5.3931E-04 (121, 5)	5.1508E-04 (106, 4)	4.4772E-04 (106, 4)	2.1729E-04 (2, 4)	1.3622E-04 (353, 6)
31	5.5358E-04 (112, 4)	5.2145E-04 (112, 4)	4.8259E-04 (160, 3)	1.9833E-04 (171, 4)	1.2836E-04 (68, 2)
32	5.0009E-04 (269, 4)	4.8159E-04 (329, 4)	4.6362E-04 (157, 4)	2.2532E-04 (329, 4)	1.3799E-04 (89, 1)
33	5.7461E-04 (274, 4)	5.5309E-04 (217, 4)	4.7829E-04 (217, 4)	1.8221E-04 (328, 5)	1.4593E-04 (194, 1)
34	5.3673E-04 (217, 4)	4.9760E-04 (217, 4)	4.3161E-04 (217, 4)	2.2522E-04 (64, 4)	1.2608E-04 (123, 3)
35	4.1083E-04 (115, 4)	4.0704E-04 (115, 4)	3.8070E-04 (115, 4)	1.7803E-04 (40, 6)	1.3794E-04 (228, 1)
36	3.6403E-04 (173, 5)	3.6205E-04 (173, 5)	3.4054E-04 (173, 5)	1.7418E-04 (97, 7)	1.1201E-04 (79, 6)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.8695E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=230

YEAR= 74

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	5.7558E-05 (203)	5.6819E-05 (203)	5.3453E-05 (203)	4.1238E-05 (98)	2.4279E-05 (52)
2	8.1237E-05 (207)	7.4387E-05 (207)	6.2726E-05 (207)	4.0986E-05 (91)	2.2412E-05 (28)
3	5.7777E-05 (166)	5.4569E-05 (309)	5.1259E-05 (46)	3.2756E-05 (80)	2.2614E-05 (39)
4	9.4153E-05 (90)	9.0821E-05 (90)	8.2945E-05 (90)	3.1616E-05 (229)	1.7632E-05 (210)
5	8.2708E-05 (158)	7.6162E-05 (158)	6.6964E-05 (229)	2.9440E-05 (88)	1.7042E-05 (30)
6	8.6394E-05 (129)	7.9044E-05 (200)	6.9254E-05 (9)	4.1337E-05 (89)	2.4179E-05 (88)
7	8.8602E-05 (191)	8.4715E-05 (191)	7.7248E-05 (232)	4.5338E-05 (16)	2.2104E-05 (173)
8	1.0873E-04 (148)	1.0104E-04 (148)	9.3645E-05 (315)	3.4409E-05 (163)	1.9476E-05 (203)
9	1.8695E-04 (230)	1.7919E-04 (230)	1.6036E-04 (230)	7.0333E-05 (192)	3.8214E-05 (192)
10	1.2289E-04 (192)	1.1646E-04 (192)	1.0348E-04 (192)	4.6171E-05 (202)	2.7712E-05 (47)
11	9.0998E-05 (192)	8.5458E-05 (192)	7.4738E-05 (200)	3.7983E-05 (72)	2.0054E-05 (335)
12	8.0513E-05 (200)	7.7331E-05 (200)	6.9321E-05 (200)	3.7358E-05 (167)	2.0071E-05 (240)
13	4.6778E-05 (257)	4.5537E-05 (167)	4.0492E-05 (167)	3.9003E-05 (335)	2.0131E-05 (76)
14	3.9477E-05 (222)	3.9210E-05 (222)	3.6735E-05 (222)	5.2757E-05 (40)	2.7216E-05 (336)
15	4.2819E-05 (96)	4.3495E-05 (96)	3.9927E-05 (99)	5.2177E-05 (96)	2.5007E-05 (96)
16	9.0512E-05 (291)	9.0060E-05 (291)	8.5429E-05 (291)	4.5576E-05 (326)	2.4175E-05 (326)
17	4.9774E-05 (282)	4.9379E-05 (317)	5.0023E-05 (317)	3.5184E-05 (338)	2.3346E-05 (355)
18	7.3620E-05 (332)	7.1350E-05 (332)	6.5246E-05 (332)	5.5450E-05 (279)	3.2211E-05 (279)
19	5.6204E-05 (364)	5.6399E-05 (364)	5.2766E-05 (332)	4.0851E-05 (311)	2.3931E-05 (311)
20	7.7790E-05 (281)	7.5116E-05 (281)	6.8059E-05 (281)	4.6334E-05 (279)	2.8248E-05 (18)
21	9.2282E-05 (263)	9.3890E-05 (263)	8.2636E-05 (265)	5.0700E-05 (274)	3.3934E-05 (107)
22	6.6597E-05 (254)	6.5624E-05 (254)	6.1525E-05 (254)	7.1627E-05 (312)	3.7365E-05 (276)
23	8.8283E-05 (297)	8.6014E-05 (297)	7.8537E-05 (297)	4.5521E-05 (266)	3.0906E-05 (293)
24	1.8060E-04 (286)	1.7228E-04 (286)	1.5395E-04 (286)	6.0586E-05 (348)	3.8921E-05 (284)
25	1.2256E-04 (305)	1.1695E-04 (305)	1.0649E-04 (305)	5.3736E-05 (285)	2.9342E-05 (73)
26	1.2155E-04 (110)	1.1341E-04 (110)	9.8353E-05 (110)	4.2590E-05 (306)	2.5250E-05 (349)
27	1.1715E-04 (110)	1.1031E-04 (116)	9.5942E-05 (110)	5.0929E-05 (194)	3.0502E-05 (171)
28	9.3673E-05 (172)	9.5624E-05 (2)	9.8701E-05 (2)	5.5479E-05 (101)	2.8981E-05 (36)
29	7.3050E-05 (139)	7.3663E-05 (139)	7.1875E-05 (139)	6.3663E-05 (357)	4.0925E-05 (140)
30	8.6118E-05 (67)	8.1355E-05 (67)	7.3826E-05 (329)	3.5795E-05 (329)	2.3887E-05 (334)
31	1.0927E-04 (215)	1.1099E-04 (215)	1.0925E-04 (215)	5.8645E-05 (134)	3.4158E-05 (134)
32	9.4473E-05 (63)	9.0847E-05 (63)	8.3266E-05 (6)	3.5253E-05 (6)	2.4810E-05 (165)
33	8.8422E-05 (63)	8.3126E-05 (97)	7.6643E-05 (11)	3.9684E-05 (220)	2.2128E-05 (220)
34	8.0397E-05 (236)	7.4827E-05 (236)	6.4430E-05 (236)	4.0691E-05 (84)	2.9927E-05 (84)
35	7.2272E-05 (164)	6.9222E-05 (164)	6.1846E-05 (164)	3.2736E-05 (212)	1.9132E-05 (175)
36	6.2841E-05 (208)	6.4044E-05 (208)	6.3177E-05 (208)	4.8453E-05 (341)	3.5216E-05 (341)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 7.7846E-04 DIRECTION= 24 DISTANCE= 5.5 KM DAY=284 TIME PERIOD= 4

YEAR= 74

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	4.1635E-04 (208, 4)	4.1711E-04 (208, 4)	3.9822E-04 (208, 4)	2.3266E-04 (52, 6)	1.2945E-04 (354, 5)
2	4.9051E-04 (207, 5)	4.5417E-04 (207, 5)	4.2704E-04 (127, 4)	1.9569E-04 (91, 6)	1.0175E-04 (38, 5)
3	3.4770E-04 (250, 5)	3.2555E-04 (250, 5)	2.8897E-04 (148, 4)	1.5901E-04 (80, 6)	1.2273E-04 (83, 2)
4	6.8619E-04 (229, 4)	6.3673E-04 (229, 4)	5.5335E-04 (229, 4)	1.7815E-04 (212, 3)	8.7451E-05 (30, 8)
5	5.3201E-04 (229, 4)	4.9524E-04 (229, 4)	4.3044E-04 (229, 4)	1.6032E-04 (157, 4)	8.9442E-05 (329, 7)
6	6.3178E-04 (200, 4)	5.8742E-04 (200, 4)	5.4676E-04 (9, 5)	2.1218E-04 (89, 1)	1.1175E-04 (89, 1)
7	5.2190E-04 (146, 4)	5.0619E-04 (226, 5)	4.4735E-04 (7, 5)	2.0366E-04 (232, 3)	1.0767E-04 (168, 3)
8	5.7216E-04 (315, 5)	5.6062E-04 (145, 4)	5.0302E-04 (145, 4)	1.7457E-04 (85, 5)	1.1820E-04 (203, 1)
9	6.8006E-04 (64, 5)	6.6019E-04 (64, 5)	5.9939E-04 (64, 5)	2.0752E-04 (120, 5)	1.0872E-04 (120, 5)
10	6.3591E-04 (211, 5)	6.1631E-04 (211, 5)	5.7052E-04 (211, 5)	1.8905E-04 (47, 6)	1.0891E-04 (65, 6)
11	4.9286E-04 (228, 6)	4.8413E-04 (228, 6)	4.5259E-04 (228, 6)	1.7683E-04 (228, 6)	1.0958E-04 (193, 2)
12	3.7298E-04 (228, 6)	3.6675E-04 (167, 3)	3.6058E-04 (167, 3)	1.5209E-04 (167, 3)	9.8874E-05 (240, 7)
13	3.4297E-04 (211, 4)	3.1822E-04 (211, 4)	2.9506E-04 (222, 6)	1.5936E-04 (120, 6)	1.1382E-04 (48, 1)
14	2.6326E-04 (99, 4)	2.5908E-04 (226, 6)	2.4940E-04 (239, 6)	1.8671E-04 (95, 6)	1.2949E-04 (56, 6)
15	2.8744E-04 (170, 6)	2.8355E-04 (170, 6)	2.6559E-04 (113, 6)	1.6062E-04 (40, 2)	1.0224E-04 (163, 7)
16	3.7004E-04 (338, 4)	3.8385E-04 (338, 4)	3.6801E-04 (338, 5)	2.1645E-04 (316, 3)	1.0814E-04 (316, 3)
17	3.8471E-04 (234, 4)	3.9406E-04 (317, 5)	3.9755E-04 (317, 5)	1.9404E-04 (106, 7)	1.3363E-04 (350, 3)
18	4.7763E-04 (332, 4)	4.6134E-04 (332, 4)	4.1598E-04 (332, 4)	2.0726E-04 (279, 8)	1.1131E-04 (182, 5)
19	2.9394E-04 (332, 5)	2.8841E-04 (291, 4)	2.8433E-04 (291, 4)	1.5537E-04 (57, 1)	1.0111E-04 (57, 4)
20	4.3276E-04 (282, 5)	4.3285E-04 (282, 5)	4.1054E-04 (282, 5)	1.8645E-04 (96, 3)	1.1350E-04 (18, 8)
21	5.8457E-04 (263, 5)	5.5987E-04 (265, 4)	4.9122E-04 (265, 4)	1.8610E-04 (77, 4)	1.4741E-04 (347, 7)
22	5.3013E-04 (254, 6)	5.2135E-04 (254, 6)	4.8613E-04 (254, 6)	1.9097E-04 (265, 4)	1.1733E-04 (8, 3)
23	4.7824E-04 (171, 6)	4.5361E-04 (171, 6)	4.0117E-04 (171, 6)	1.7520E-04 (315, 4)	1.2735E-04 (58, 4)
24	7.7846E-04 (284, 4)	7.6598E-04 (284, 4)	7.1710E-04 (284, 4)	2.7813E-04 (284, 4)	1.4633E-04 (59, 2)
25	6.1266E-04 (110, 5)	5.6953E-04 (110, 5)	4.8827E-04 (110, 5)	2.1243E-04 (305, 4)	1.5465E-04 (183, 1)
26	4.7648E-04 (51, 4)	4.5396E-04 (51, 4)	4.0952E-04 (51, 4)	1.8661E-04 (115, 7)	1.3860E-04 (188, 8)
27	5.2796E-04 (299, 5)	5.3173E-04 (299, 5)	4.9086E-04 (110, 4)	2.0897E-04 (259, 3)	1.8109E-04 (318, 8)
28	4.6618E-04 (169, 4)	4.6998E-04 (195, 3)	4.5662E-04 (195, 3)	2.4796E-04 (2, 4)	1.3222E-04 (2, 4)
29	5.4977E-04 (240, 4)	5.0954E-04 (240, 4)	4.5742E-04 (221, 4)	1.8980E-04 (140, 3)	1.2354E-04 (140, 3)
30	4.2201E-04 (67, 4)	4.1062E-04 (67, 4)	3.7471E-04 (67, 4)	1.8894E-04 (138, 3)	1.1270E-04 (111, 8)
31	5.5388E-04 (243, 4)	5.2549E-04 (219, 4)	4.8906E-04 (219, 4)	1.8008E-04 (102, 3)	1.2774E-04 (219, 3)
32	7.0290E-04 (64, 4)	6.8654E-04 (6, 4)	6.6612E-04 (6, 4)	2.7163E-04 (65, 4)	1.1749E-04 (65, 4)
33	5.3571E-04 (25, 4)	5.4360E-04 (25, 4)	5.3426E-04 (25, 4)	2.0169E-04 (9, 4)	1.1800E-04 (21, 1)
34	5.2577E-04 (199, 4)	4.7809E-04 (199, 4)	4.0942E-04 (14, 5)	2.0640E-04 (84, 3)	1.2974E-04 (53, 1)
35	4.3999E-04 (242, 4)	4.2459E-04 (242, 4)	3.8678E-04 (242, 4)	1.5888E-04 (106, 4)	9.8874E-05 (205, 8)
36	4.8834E-04 (93, 4)	4.6886E-04 (93, 4)	4.5610E-04 (359, 4)	2.5072E-04 (33, 4)	1.4770E-04 (209, 1)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.4492E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=189

YEAR= 75

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	6.6581E-05 (43)	6.5275E-05 (43)	6.0698E-05 (43)	4.8047E-05 (290)	3.4343E-05 (49)
2	1.1620E-04 (19)	1.2067E-04 (19)	1.2084E-04 (66)	4.9126E-05 (75)	2.9201E-05 (19)
3	1.1407E-04 (118)	1.0760E-04 (118)	9.3603E-05 (118)	3.9731E-05 (71)	2.3756E-05 (82)
4	1.1003E-04 (24)	1.0566E-04 (24)	9.4922E-05 (109)	4.0684E-05 (24)	2.4683E-05 (187)
5	1.0590E-04 (161)	9.7279E-05 (161)	8.7856E-05 (229)	3.8852E-05 (171)	2.1721E-05 (190)
6	7.2889E-05 (137)	6.8346E-05 (137)	5.8868E-05 (137)	2.8833E-05 (205)	1.9288E-05 (191)
7	9.8742E-05 (178)	8.9174E-05 (178)	8.0000E-05 (80)	3.0422E-05 (124)	2.1331E-05 (188)
8	1.0733E-04 (185)	9.8488E-05 (185)	8.3631E-05 (185)	3.3098E-05 (189)	1.8515E-05 (190)
9	1.4492E-04 (189)	1.3940E-04 (189)	1.2744E-04 (189)	4.9021E-05 (158)	2.9527E-05 (158)
10	8.3847E-05 (179)	7.6344E-05 (179)	6.7307E-05 (166)	3.3808E-05 (155)	1.9615E-05 (59)
11	7.4499E-05 (170)	7.1921E-05 (170)	6.4753E-05 (170)	3.3064E-05 (162)	1.6833E-05 (155)
12	5.9377E-05 (224)	6.0228E-05 (224)	5.9087E-05 (224)	3.3141E-05 (336)	1.8554E-05 (336)
13	8.9671E-05 (230)	8.7391E-05 (230)	8.1394E-05 (230)	4.1058E-05 (244)	2.1870E-05 (78)
14	6.0415E-05 (180)	5.6650E-05 (180)	4.9886E-05 (180)	2.9980E-05 (55)	2.2876E-05 (13)
15	5.1572E-05 (243)	5.5501E-05 (243)	5.3226E-05 (226)	4.1533E-05 (38)	2.7201E-05 (56)
16	6.8772E-05 (244)	6.3978E-05 (244)	5.5713E-05 (244)	4.2520E-05 (352)	2.1877E-05 (317)
17	7.3598E-05 (105)	7.0277E-05 (105)	6.2387E-05 (105)	3.8254E-05 (268)	3.1324E-05 (268)
18	6.0805E-05 (361)	5.9300E-05 (361)	5.5588E-05 (356)	4.8433E-05 (270)	3.9809E-05 (269)
19	3.6277E-05 (300)	3.5654E-05 (300)	3.3584E-05 (300)	3.0504E-05 (14)	2.3365E-05 (96)
20	7.2930E-05 (94)	7.2020E-05 (94)	7.0259E-05 (94)	5.4780E-05 (64)	3.1804E-05 (94)
21	9.6975E-05 (14)	9.4842E-05 (14)	8.6333E-05 (64)	4.2104E-05 (14)	2.8666E-05 (361)
22	1.0226E-04 (176)	9.7222E-05 (176)	8.7951E-05 (176)	3.8647E-05 (353)	2.7697E-05 (353)
23	8.0159E-05 (15)	8.1100E-05 (15)	7.9108E-05 (15)	4.6131E-05 (85)	2.9179E-05 (304)
24	7.6352E-05 (285)	7.5393E-05 (285)	7.0112E-05 (285)	4.1383E-05 (17)	2.7976E-05 (22)
25	1.0258E-04 (142)	9.9256E-05 (142)	9.0405E-05 (142)	4.5300E-05 (116)	3.2843E-05 (239)
26	1.2745E-04 (247)	1.1903E-04 (247)	1.0354E-04 (247)	4.5735E-05 (286)	2.4182E-05 (309)
27	1.4146E-04 (248)	1.3881E-04 (322)	1.3428E-04 (247)	7.2841E-05 (86)	4.1461E-05 (86)
28	9.4101E-05 (330)	9.1001E-05 (250)	8.5189E-05 (212)	5.8412E-05 (112)	3.6753E-05 (315)
29	8.3289E-05 (251)	7.9897E-05 (251)	7.3003E-05 (113)	4.9763E-05 (313)	3.4619E-05 (313)
30	1.1194E-04 (143)	1.1064E-04 (143)	1.0529E-04 (143)	5.2782E-05 (263)	3.9414E-05 (263)
31	8.8338E-05 (222)	9.0284E-05 (222)	8.5659E-05 (168)	3.9653E-05 (289)	2.7367E-05 (71)
32	8.6955E-05 (242)	8.4712E-05 (242)	7.9667E-05 (242)	3.8624E-05 (290)	2.0983E-05 (359)
33	8.9004E-05 (242)	8.5398E-05 (242)	7.8330E-05 (28)	5.0094E-05 (12)	3.2475E-05 (151)
34	7.2186E-05 (198)	6.9800E-05 (152)	6.3365E-05 (198)	3.7522E-05 (152)	3.5416E-05 (10)
35	6.8939E-05 (334)	6.8150E-05 (334)	6.3781E-05 (334)	3.5760E-05 (12)	2.2025E-05 (207)
36	7.5420E-05 (331)	7.5360E-05 (331)	7.2227E-05 (331)	5.2777E-05 (351)	3.4514E-05 (12)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 6.9615E-04 DIRECTION= 7 DISTANCE= 5.5 KM DAY= 80 TIME PERIOD= 5

YEAR= 75

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	4.4463E-04 (82, 4)	4.3286E-04 (82, 4)	3.8277E-04 (99, 5)	1.7580E-04 (82, 4)	1.0178E-04 (19, 7)
2	6.4085E-04 (19, 5)	6.5489E-04 (48, 4)	6.2944E-04 (48, 4)	2.5684E-04 (81, 4)	1.3503E-04 (19, 5)
3	5.7499E-04 (100, 5)	5.4886E-04 (216, 5)	4.8779E-04 (24, 5)	2.0807E-04 (25, 5)	1.2161E-04 (50, 1)
4	5.4203E-04 (130, 5)	5.2123E-04 (130, 5)	4.6727E-04 (130, 5)	1.7593E-04 (37, 5)	1.1789E-04 (209, 6)
5	5.9647E-04 (137, 4)	5.6892E-04 (137, 4)	5.0488E-04 (137, 4)	1.8926E-04 (171, 3)	9.6294E-05 (48, 6)
6	4.4111E-04 (181, 5)	4.0531E-04 (146, 4)	3.3358E-04 (137, 4)	1.7592E-04 (278, 6)	1.0660E-04 (61, 1)
7	6.9615E-04 (80, 5)	6.7618E-04 (80, 5)	6.1508E-04 (80, 5)	1.6080E-04 (192, 4)	9.3430E-05 (124, 3)
8	4.9312E-04 (65, 5)	4.8092E-04 (299, 4)	4.3173E-04 (65, 5)	1.5308E-04 (27, 5)	9.1182E-05 (43, 7)
9	6.2494E-04 (125, 4)	6.1622E-04 (179, 4)	5.4112E-04 (179, 4)	2.0491E-04 (189, 7)	1.1749E-04 (158, 3)
10	5.0497E-04 (180, 4)	4.6780E-04 (180, 4)	4.4365E-04 (44, 4)	1.7951E-04 (59, 4)	1.0122E-04 (171, 6)
11	4.1334E-04 (40, 5)	3.9733E-04 (126, 5)	3.5863E-04 (40, 5)	1.7194E-04 (163, 6)	1.0098E-04 (162, 6)
12	3.8406E-04 (140, 6)	3.8869E-04 (139, 3)	3.9464E-04 (139, 3)	1.8260E-04 (226, 4)	9.7429E-05 (78, 5)
13	4.0510E-04 (226, 4)	3.8298E-04 (226, 4)	3.3885E-04 (226, 4)	2.0714E-04 (328, 6)	1.0205E-04 (55, 3)
14	3.7681E-04 (328, 5)	3.6602E-04 (328, 5)	3.4196E-04 (328, 5)	1.6922E-04 (105, 6)	1.4518E-04 (325, 7)
15	4.0344E-04 (177, 4)	3.7427E-04 (177, 4)	3.2777E-04 (177, 4)	2.4080E-04 (56, 6)	1.1749E-04 (243, 5)
16	3.4808E-04 (65, 4)	3.3130E-04 (65, 4)	3.1721E-04 (6, 6)	2.0213E-04 (291, 5)	1.2071E-04 (13, 5)
17	4.6065E-04 (95, 4)	4.3811E-04 (95, 4)	3.9533E-04 (95, 4)	1.7501E-04 (352, 6)	1.3756E-04 (270, 6)
18	4.0787E-04 (326, 4)	4.0685E-04 (326, 4)	3.9472E-04 (297, 3)	2.2798E-04 (270, 4)	1.4998E-04 (270, 4)
19	2.9022E-04 (300, 4)	2.8523E-04 (300, 4)	2.6867E-04 (300, 4)	1.2099E-04 (327, 2)	1.0855E-04 (96, 7)
20	4.6505E-04 (94, 4)	4.4830E-04 (94, 4)	4.0801E-04 (94, 4)	2.1043E-04 (353, 1)	1.2699E-04 (301, 6)
21	6.3315E-04 (56, 4)	6.1251E-04 (56, 4)	5.6216E-04 (56, 4)	2.1162E-04 (56, 4)	1.3199E-04 (353, 2)
22	4.6614E-04 (111, 4)	4.5463E-04 (111, 4)	4.4026E-04 (302, 4)	1.8992E-04 (176, 4)	1.4643E-04 (257, 8)
23	5.9713E-04 (181, 4)	5.6566E-04 (181, 4)	5.0792E-04 (181, 4)	2.0951E-04 (304, 2)	1.0227E-04 (353, 6)
24	4.5225E-04 (285, 5)	4.4619E-04 (285, 5)	4.2623E-04 (338, 4)	1.8843E-04 (338, 4)	1.3409E-04 (240, 7)
25	5.6187E-04 (116, 4)	5.1927E-04 (116, 4)	4.6948E-04 (337, 4)	2.2569E-04 (309, 5)	1.4960E-04 (320, 8)
26	5.5234E-04 (286, 5)	5.3744E-04 (286, 5)	4.7583E-04 (116, 4)	1.9489E-04 (16, 4)	1.2040E-04 (5, 4)
27	6.2981E-04 (284, 4)	5.9813E-04 (284, 4)	5.3970E-04 (247, 4)	2.3022E-04 (21, 4)	1.5084E-04 (212, 2)
28	5.3037E-04 (212, 3)	5.4012E-04 (212, 3)	5.0786E-04 (86, 5)	2.3736E-04 (212, 3)	1.3321E-04 (333, 7)
29	3.9087E-04 (112, 5)	3.8015E-04 (217, 3)	3.7252E-04 (217, 3)	1.4933E-04 (21, 5)	1.1849E-04 (75, 1)
30	6.0534E-04 (217, 4)	5.6826E-04 (172, 3)	5.5105E-04 (172, 3)	2.3617E-04 (172, 3)	1.2164E-04 (263, 5)
31	6.4667E-04 (127, 3)	6.5041E-04 (127, 3)	6.2720E-04 (127, 3)	2.5657E-04 (127, 3)	1.2781E-04 (210, 1)
32	5.3040E-04 (196, 3)	5.3096E-04 (196, 3)	5.0771E-04 (196, 3)	1.9419E-04 (196, 3)	1.0277E-04 (146, 3)
33	5.6102E-04 (28, 4)	5.7520E-04 (28, 4)	5.0201E-04 (218, 4)	1.9142E-04 (364, 8)	1.3921E-04 (364, 8)
34	5.2787E-04 (152, 3)	4.6622E-04 (114, 5)	4.0851E-04 (280, 4)	2.2088E-04 (54, 4)	1.1115E-04 (173, 7)
35	4.6197E-04 (147, 4)	4.2962E-04 (147, 4)	3.7450E-04 (147, 4)	1.5739E-04 (172, 4)	8.6765E-05 (231, 1)
36	4.1494E-04 (331, 4)	4.0478E-04 (331, 4)	3.8855E-04 (9, 4)	1.8820E-04 (151, 4)	1.2003E-04 (151, 4)

COMPOSITE HIGHEST,SECOND-HIGHEST 24-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	99.	96.	88.	40.	34.
2	116.	121.	121.	61.	32.
3	114.	108.	94.	47.	31.
4	110.	106.	95.	41.	25.
5	135.	128.	114.	42.	22.
6	121.	115.	103.	54.	32.
7	118.	112.	98.	48.	25.
8	124.	121.	111.	54.	32.
9	204.	199.	186.	132.	69.
10	137.	129.	115.	58.	35.
11	91.	85.	76.	54.	27.
12	98.	88.	74.	61.	31.
13	90.	87.	81.	74.	35.
14	65.	63.	57.	53.	31.
15	73.	72.	68.	52.	27.
16	91.	90.	85.	46.	25.
17	74.	70.	64.	52.	32.
18	91.	88.	80.	56.	43.
19	65.	60.	56.	42.	27.
20	78.	75.	70.	55.	32.
21	102.	95.	87.	55.	35.
22	102.	97.	88.	72.	37.
23	96.	89.	79.	73.	43.
24	181.	172.	154.	61.	50.
25	132.	130.	124.	59.	36.
26	140.	136.	126.	55.	34.
27	141.	139.	134.	87.	53.
28	97.	96.	99.	94.	56.
29	103.	98.	92.	64.	41.
30	112.	111.	105.	53.	41.
31	109.	111.	109.	59.	34.
32	104.	98.	86.	62.	39.
33	112.	112.	106.	55.	34.
34	116.	108.	95.	41.	35.
35	83.	78.	69.	54.	33.
36	96.	89.	77.	53.	35.

COMPOSITE HIGHEST, SECOND-HIGHEST 3-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	547.	513.	444.	233.	146.
2	647.	655.	629.	257.	135.
3	575.	549.	488.	208.	123.
4	686.	637.	553.	205.	118.
5	790.	740.	652.	252.	117.
6	658.	650.	616.	265.	139.
7	696.	676.	615.	248.	125.
8	631.	636.	598.	240.	121.
9	1015.	954.	843.	321.	146.
10	731.	684.	597.	262.	142.
11	493.	484.	453.	208.	115.
12	483.	440.	395.	213.	136.
13	457.	443.	400.	207.	157.
14	467.	459.	444.	218.	164.
15	500.	473.	420.	241.	131.
16	501.	484.	446.	216.	124.
17	461.	438.	413.	240.	138.
18	557.	540.	489.	228.	150.
19	486.	452.	403.	197.	135.
20	465.	448.	411.	255.	127.
21	633.	613.	562.	219.	160.
22	552.	524.	486.	207.	150.
23	597.	566.	508.	240.	145.
24	778.	766.	717.	278.	174.
25	662.	630.	565.	258.	155.
26	651.	650.	615.	227.	146.
27	630.	598.	540.	271.	181.
28	614.	594.	538.	253.	149.
29	550.	521.	503.	281.	153.
30	665.	637.	569.	240.	171.
31	647.	650.	627.	257.	128.
32	703.	687.	666.	272.	142.
33	707.	712.	705.	257.	153.
34	695.	658.	583.	225.	130.
35	462.	430.	387.	178.	155.
36	579.	540.	472.	263.	148.

TECO

UNITS 1-3

BASELINE 24- AND 3-HOUR SO_2

AND 24-HOUR TSP

75 PERCENT LOAD

RING DISTANCES(KM)= 0.50 1.00 1.50 2.00 2.50

STACK # 1--TECO 1P2 75% 35T/H SO2
STACK # 2--TECO 3 75% 35T/H SO2

STACK	MONTH	EMISSION RATE (GMS/SEC)	HEIGHT (METERS)	DIAMETER (METERS)	EXIT VELOCITY (M/SEC)	TEMP (DEG.K)	VOLUMETRIC FLOW (MA*3/SEC)
1	ALL	4374.2500	149.40	7.32	23.00	412.00	967.92
2	ALL	2240.7600	149.40	7.32	11.20	404.00	471.33

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.6047E-04 DIRECTION= 9 DISTANCE= 2.5 KM DAY=128

YEAR= 71

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	3.7978E-11 (238)	2.5916E-05 (236)	3.9150E-05 (236)	5.5161E-05 (236)	7.1254E-05 (229)
2	2.4094E-10 (238)	3.6234E-05 (260)	7.9581E-05 (236)	7.0680E-05 (260)	7.2073E-05 (113)
3	8.4228E-10 (238)	6.8372E-05 (236)	8.6137E-05 (236)	7.5741E-05 (236)	9.2525E-05 (234)
4	1.6246E-09 (238)	9.8762E-05 (238)	1.0787E-04 (238)	8.3031E-05 (238)	6.7738E-05 (238)
5	1.5263E-09 (234)	1.0646E-04 (238)	1.1684E-04 (238)	9.0366E-05 (238)	8.5082E-05 (206)
6	6.6875E-10 (234)	6.2223E-05 (238)	6.2464E-05 (238)	8.8039E-05 (234)	8.6899E-05 (200)
7	1.6266E-10 (234)	4.3935E-05 (238)	5.6522E-05 (103)	8.1660E-05 (230)	9.2962E-05 (179)
8	1.2071E-10 (159)	5.9382E-05 (230)	7.8900E-05 (238)	7.6414E-05 (179)	9.3625E-05 (128)
9	2.9385E-10 (159)	3.4432E-05 (217)	5.6800E-05 (128)	1.2260E-04 (220)	1.6047E-04 (128)
10	2.3673E-10 (159)	5.2021E-05 (217)	6.9842E-05 (217)	7.9159E-05 (220)	1.0106E-04 (204)
11	8.1035E-11 (159)	3.0591E-05 (257)	5.0987E-05 (217)	6.0237E-05 (198)	7.0265E-05 (198)
12	9.6622E-11 (238)	1.4766E-05 (217)	5.0342E-05 (198)	8.6024E-05 (257)	7.0826E-05 (257)
13	7.4848E-11 (262)	2.8459E-05 (159)	3.7072E-05 (198)	5.6863E-05 (257)	5.2125E-05 (141)
14	3.9711E-10 (262)	1.4106E-05 (262)	2.1447E-05 (257)	4.1178E-05 (104)	4.2891E-05 (159)
15	1.1609E-09 (262)	4.9667E-05 (262)	4.7384E-05 (262)	5.8900E-05 (159)	5.2956E-05 (121)
16	9.1898E-10 (159)	5.2530E-05 (159)	4.4060E-05 (159)	5.3760E-05 (121)	5.6326E-05 (262)
17	3.3365E-10 (159)	1.5999E-05 (159)	1.4591E-05 (164)	2.9824E-05 (317)	4.6364E-05 (317)
18	6.6750E-11 (159)	4.4266E-06 (263)	1.8577E-05 (173)	3.4219E-05 (164)	4.8609E-05 (124)
19	7.3582E-12 (159)	7.0096E-06 (262)	1.8891E-05 (98)	3.1185E-05 (257)	4.0917E-05 (98)
20	8.9437E-12 (263)	1.3732E-06 (98)	1.5032E-05 (98)	2.8841E-05 (98)	3.7547E-05 (46)
21	2.6590E-12 (262)	7.5144E-07 (137)	1.9636E-05 (137)	5.3009E-05 (137)	7.4140E-05 (137)
22	5.3230E-13 (164)	2.5490E-06 (164)	2.4537E-05 (164)	4.3926E-05 (164)	6.4675E-05 (142)
23	3.6582E-12 (263)	3.5067E-06 (164)	3.1834E-05 (263)	6.9623E-05 (164)	7.9969E-05 (68)
24	3.5634E-12 (231)	1.9116E-06 (90)	2.4585E-05 (90)	6.1641E-05 (90)	9.2814E-05 (90)
25	4.0431E-11 (231)	4.1314E-06 (152)	1.4380E-05 (90)	3.6672E-05 (90)	5.7138E-05 (90)
26	2.5626E-10 (231)	1.7942E-05 (152)	4.0152E-05 (152)	4.1053E-05 (240)	4.9988E-05 (101)
27	8.9581E-10 (231)	5.5600E-05 (231)	9.3762E-05 (152)	8.5039E-05 (101)	8.3697E-05 (231)
28	1.6765E-09 (240)	1.1893E-04 (240)	1.2173E-04 (240)	9.3955E-05 (240)	8.9928E-05 (101)
29	9.2379E-10 (240)	5.9101E-05 (240)	5.6306E-05 (240)	6.0881E-05 (138)	7.6198E-05 (138)
30	2.8049E-10 (240)	1.4594E-05 (240)	3.3983E-05 (138)	5.5206E-05 (182)	7.7499E-05 (182)
31	4.6926E-11 (240)	2.8492E-06 (218)	2.2404E-05 (236)	4.0823E-05 (236)	4.7714E-05 (182)
32	4.3260E-12 (240)	2.3582E-06 (231)	2.4473E-05 (230)	6.1124E-05 (218)	7.1949E-05 (218)
33	6.4332E-13 (218)	8.1901E-07 (145)	1.9231E-05 (230)	5.1684E-05 (218)	6.3568E-05 (218)
34	4.1390E-13 (211)	2.4432E-06 (218)	2.4845E-05 (260)	5.4172E-05 (218)	6.4758E-05 (218)
35	7.3704E-13 (260)	3.9859E-06 (211)	4.3106E-05 (211)	8.5508E-05 (211)	1.0354E-04 (211)
36	3.2985E-12 (238)	5.6495E-06 (236)	3.6433E-05 (229)	8.1646E-05 (229)	1.0848E-04 (229)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 9.7382E-04 DIRECTION= 28 DISTANCE= 1.5 KM DAY=240 TIME PERIOD= 4

YEAR= 71

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	3.0382E-10 (238, 4)	2.0553E-04 (236, 5)	2.4380E-04 (236, 5)	3.7999E-04 (229, 4)	4.5533E-04 (229, 4)
2	1.9275E-09 (238, 4)	2.8970E-04 (260, 5)	6.0668E-04 (236, 5)	5.5992E-04 (260, 5)	4.5383E-04 (260, 5)
3	6.7382E-09 (238, 4)	5.4687E-04 (236, 5)	6.8590E-04 (236, 5)	5.5660E-04 (234, 4)	6.2355E-04 (219, 5)
4	1.2980E-08 (238, 4)	7.8987E-04 (238, 4)	8.6287E-04 (238, 4)	6.6421E-04 (238, 4)	5.4189E-04 (238, 4)
5	1.2210E-08 (234, 4)	8.4708E-04 (238, 4)	9.3203E-04 (238, 4)	7.2154E-04 (238, 4)	6.7132E-04 (200, 4)
6	5.3499E-09 (234, 4)	4.5143E-04 (238, 4)	4.6569E-04 (238, 4)	5.5834E-04 (200, 4)	6.5912E-04 (206, 5)
7	2.5967E-09 (238, 4)	2.3171E-04 (238, 5)	3.3490E-04 (103, 4)	5.4257E-04 (230, 5)	4.7760E-04 (160, 4)
8	9.6571E-10 (159, 5)	4.6908E-04 (230, 5)	5.8826E-04 (238, 5)	5.3026E-04 (238, 5)	5.9590E-04 (230, 5)
9	2.3508E-09 (159, 5)	2.7545E-04 (217, 4)	3.8842E-04 (217, 4)	6.0466E-04 (220, 5)	8.1082E-04 (220, 5)
10	1.8938E-09 (159, 5)	4.1617E-04 (217, 4)	4.7161E-04 (238, 5)	4.7182E-04 (238, 5)	5.0919E-04 (178, 4)
11	6.4828E-10 (159, 5)	2.4466E-04 (257, 4)	4.0790E-04 (217, 4)	3.5995E-04 (195, 4)	4.1181E-04 (198, 4)
12	7.7296E-10 (238, 5)	1.1813E-04 (217, 4)	2.4414E-04 (198, 4)	5.3736E-04 (198, 4)	5.6660E-04 (257, 4)
13	5.9878E-10 (262, 4)	2.2397E-04 (159, 5)	1.7613E-04 (159, 5)	2.6189E-04 (198, 5)	3.2790E-04 (122, 4)
14	3.1769E-09 (262, 4)	1.1285E-04 (262, 4)	1.7157E-04 (257, 4)	2.1233E-04 (104, 4)	2.9682E-04 (159, 5)
15	9.2874E-09 (262, 4)	3.9734E-04 (262, 4)	3.7907E-04 (262, 4)	3.8246E-04 (222, 4)	3.8605E-04 (159, 5)
16	7.3519E-09 (159, 5)	4.2024E-04 (159, 5)	3.5247E-04 (159, 5)	2.9136E-04 (121, 4)	4.0657E-04 (169, 4)
17	2.6692E-09 (159, 5)	1.2800E-04 (159, 5)	1.1673E-04 (164, 4)	2.3519E-04 (164, 4)	3.3133E-04 (99, 4)
18	5.3400E-10 (159, 5)	3.5413E-05 (263, 5)	1.4862E-04 (173, 4)	2.7302E-04 (164, 4)	3.6455E-04 (173, 4)
19	5.8865E-11 (159, 5)	5.6077E-05 (262, 4)	1.5113E-04 (98, 4)	2.4932E-04 (257, 4)	3.2734E-04 (98, 4)
20	7.1549E-11 (263, 5)	1.0986E-05 (98, 4)	1.2026E-04 (98, 4)	2.3073E-04 (98, 4)	3.0038E-04 (46, 5)
21	2.1272E-11 (262, 4)	4.9981E-06 (157, 4)	1.0123E-04 (157, 4)	2.4750E-04 (137, 4)	3.7187E-04 (18, 4)
22	4.1199E-12 (164, 4)	1.6863E-05 (164, 4)	1.5698E-04 (164, 4)	2.7874E-04 (164, 4)	3.6835E-04 (142, 5)
23	2.9266E-11 (263, 5)	1.6863E-05 (164, 4)	1.5698E-04 (164, 4)	2.7874E-04 (164, 4)	4.5823E-04 (270, 4)
24	2.8065E-11 (231, 4)	1.5147E-05 (90, 4)	1.5223E-04 (231, 5)	3.5464E-04 (90, 4)	4.6518E-04 (90, 4)
25	3.2313E-10 (231, 4)	3.3051E-05 (152, 4)	9.6376E-05 (240, 4)	1.9600E-04 (90, 4)	2.8697E-04 (55, 5)
26	2.0500E-09 (231, 4)	1.4354E-04 (152, 4)	3.2121E-04 (152, 4)	2.5864E-04 (156, 5)	3.3919E-04 (156, 3)
27	7.1665E-09 (231, 4)	4.4471E-04 (231, 4)	7.5009E-04 (152, 4)	6.3101E-04 (152, 4)	6.1485E-04 (240, 4)
28	1.3412E-08 (240, 4)	9.5146E-04 (240, 4)	9.7382E-04 (240, 4)	7.5164E-04 (240, 4)	6.1485E-04 (240, 4)
29	7.3903E-09 (240, 4)	4.7281E-04 (240, 4)	4.5045E-04 (240, 4)	4.6766E-04 (138, 5)	5.6285E-04 (138, 5)
30	2.2439E-09 (240, 4)	1.1675E-04 (240, 4)	2.5486E-04 (138, 5)	4.4068E-04 (182, 4)	5.7288E-04 (138, 5)
31	3.7541E-10 (240, 4)	2.2790E-05 (218, 4)	1.7915E-04 (236, 5)	3.2635E-04 (236, 5)	3.6401E-04 (236, 5)
32	3.4608E-11 (240, 4)	1.8865E-05 (231, 4)	1.9365E-04 (230, 4)	4.6516E-04 (218, 4)	5.0768E-04 (218, 4)
33	5.0548E-12 (218, 4)	6.5521E-06 (145, 4)	1.5236E-04 (230, 4)	3.4848E-04 (218, 4)	4.1797E-04 (218, 4)
34	3.3112E-12 (211, 4)	1.6053E-05 (211, 4)	1.7092E-04 (218, 5)	3.3888E-04 (260, 4)	3.9358E-04 (218, 5)
35	5.8946E-12 (260, 4)	3.1846E-05 (211, 4)	3.1124E-04 (260, 4)	6.4291E-04 (211, 4)	7.3621E-04 (211, 4)
36	2.6388E-11 (238, 4)	4.4120E-05 (236, 5)	2.6356E-04 (229, 4)	4.7904E-04 (260, 4)	6.3474E-04 (260, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.5953E-04 DIRECTION= 9 DISTANCE= 2.5 KM DAY=124

YEAR= 72

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	6.3559E-13 (211)	2.5028E-06 (211)	1.9395E-05 (215)	4.2537E-05 (211)	4.8860E-05 (206)
2	3.7312E-12 (229)	5.7503E-06 (241)	2.2949E-05 (110)	4.8275E-05 (111)	6.2409E-05 (110)
3	4.2959E-11 (229)	2.6782E-05 (241)	3.6186E-05 (110)	6.0685E-05 (135)	8.7456E-05 (110)
4	2.7254E-10 (229)	4.6715E-05 (215)	3.8351E-05 (215)	6.0164E-05 (102)	8.1913E-05 (150)
5	9.5275E-10 (229)	6.8143E-05 (215)	6.5858E-05 (215)	9.0873E-05 (211)	1.1254E-04 (211)
6	1.8353E-09 (229)	7.9180E-05 (229)	7.5599E-05 (229)	9.1714E-05 (211)	1.0907E-04 (261)
7	1.9480E-09 (229)	8.8864E-05 (238)	8.5645E-05 (229)	9.3168E-05 (298)	1.1387E-04 (194)
8	1.4147E-09 (238)	5.8909E-05 (222)	8.0821E-05 (207)	1.0044E-04 (248)	1.0985E-04 (195)
9	1.7221E-09 (207)	8.4283E-05 (207)	1.1168E-04 (222)	1.2177E-04 (87)	1.5953E-04 (124)
10	1.3101E-09 (150)	8.0022E-05 (150)	8.0788E-05 (87)	1.1318E-04 (242)	1.4691E-04 (242)
11	9.0211E-10 (222)	3.8673E-05 (222)	3.5255E-05 (248)	5.2195E-05 (248)	4.8726E-05 (131)
12	2.6123E-10 (222)	9.7716E-06 (150)	2.1124E-05 (222)	2.4820E-05 (222)	3.9246E-05 (143)
13	3.8386E-11 (222)	1.1990E-06 (150)	1.2233E-05 (23)	4.1521E-05 (146)	4.1458E-05 (23)
14	1.5427E-11 (247)	6.2529E-07 (289)	1.2682E-05 (289)	3.0721E-05 (282)	4.0373E-05 (289)
15	1.3185E-10 (247)	3.1423E-06 (247)	7.5840E-06 (240)	2.2901E-05 (240)	3.3979E-05 (240)
16	4.5688E-11 (184)	1.4538E-06 (263)	1.1805E-05 (247)	1.9728E-05 (240)	2.9044E-05 (240)
17	2.6323E-10 (189)	7.0785E-06 (189)	3.6105E-05 (263)	2.5317E-05 (247)	2.5628E-05 (283)
18	9.7681E-10 (189)	3.3108E-05 (189)	3.1249E-05 (263)	4.6008E-05 (247)	4.9552E-05 (247)
19	1.8153E-09 (247)	6.8166E-05 (247)	4.8095E-05 (247)	5.0407E-05 (252)	5.5572E-05 (189)
20	1.6129E-09 (163)	6.3482E-05 (163)	5.4059E-05 (163)	6.3906E-05 (252)	7.5168E-05 (189)
21	1.4101E-09 (189)	9.0055E-05 (163)	7.9487E-05 (163)	6.1974E-05 (163)	7.7070E-05 (252)
22	4.9824E-10 (189)	6.3482E-05 (163)	5.4077E-05 (163)	4.1429E-05 (163)	5.0783E-05 (265)
23	2.7254E-10 (248)	5.1590E-05 (186)	6.8498E-05 (189)	6.4013E-05 (189)	6.9047E-05 (156)
24	1.4869E-10 (163)	7.8485E-05 (186)	8.6239E-05 (247)	7.6410E-05 (158)	7.8333E-05 (186)
25	3.5088E-11 (247)	7.8987E-05 (248)	8.9265E-05 (186)	7.0849E-05 (156)	8.0335E-05 (86)
26	3.0362E-11 (247)	8.4708E-05 (248)	8.6015E-05 (156)	7.5128E-05 (156)	8.3747E-05 (265)
27	1.4903E-11 (247)	4.5148E-05 (248)	4.6412E-05 (156)	4.3025E-05 (267)	6.4011E-05 (310)
28	4.1341E-12 (247)	1.2096E-05 (248)	2.4296E-05 (186)	4.1266E-05 (154)	5.8502E-05 (230)
29	6.4580E-13 (247)	3.5854E-06 (248)	2.2746E-05 (27)	4.4660E-05 (186)	5.2707E-05 (228)
30	3.9031E-13 (212)	1.4355E-05 (248)	2.0649E-05 (241)	3.2493E-05 (228)	5.5855E-05 (228)
31	8.5014E-13 (212)	9.7850E-06 (163)	2.5648E-05 (212)	5.1683E-05 (212)	6.1912E-05 (196)
32	6.0897E-13 (212)	1.8247E-06 (163)	2.2574E-05 (196)	4.5485E-05 (196)	6.1329E-05 (307)
33	1.4346E-13 (212)	1.7233E-06 (196)	2.1738E-05 (196)	4.9430E-05 (229)	7.0188E-05 (248)
34	3.1014E-12 (215)	9.2204E-07 (186)	1.0988E-05 (186)	2.8823E-05 (314)	4.6725E-05 (54)
35	1.5030E-12 (248)	7.0508E-07 (136)	9.1981E-06 (87)	2.6254E-05 (139)	3.7379E-05 (238)
36	5.4146E-13 (136)	2.2385E-06 (136)	1.2577E-05 (315)	3.4759E-05 (64)	5.3972E-05 (64)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 8.9273E-04 DIRECTION= 9 DISTANCE= 1.5 KM DAY=222 TIME PERIOD= A

YEAR= 72

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	5.0848E-12 (211, 4)	2.0021E-05 (211, 4)	1.5516E-04 (215, 4)	2.8585E-04 (111, 5)	3.7346E-04 (211, 4)
2	2.9849E-11 (229, 4)	4.6002E-05 (241, 5)	1.4727E-04 (110, 5)	2.8401E-04 (110, 5)	3.3805E-04 (309, 4)
3	3.4367E-10 (229, 4)	2.1426E-04 (241, 5)	2.8108E-04 (110, 5)	3.8536E-04 (135, 5)	4.9089E-04 (135, 5)
4	2.1803E-09 (229, 4)	3.7372E-04 (215, 4)	3.0681E-04 (215, 4)	4.1712E-04 (241, 5)	4.8188E-04 (110, 5)
5	7.6220E-09 (229, 4)	5.4514E-04 (215, 4)	5.2674E-04 (215, 4)	4.9769E-04 (261, 5)	6.2836E-04 (102, 5)
6	1.4082E-08 (229, 4)	6.3312E-04 (229, 4)	5.9723E-04 (229, 4)	5.5359E-04 (194, 4)	6.6602E-04 (261, 5)
7	1.5584E-08 (229, 4)	7.1091E-04 (238, 5)	6.4510E-04 (229, 4)	5.2168E-04 (216, 5)	5.6651E-04 (216, 5)
8	1.1318E-08 (238, 5)	4.7127E-04 (222, 4)	6.4220E-04 (207, 4)	5.9343E-04 (207, 4)	6.3556E-04 (216, 5)
9	1.3777E-08 (207, 4)	6.7425E-04 (207, 4)	8.9273E-04 (222, 4)	8.2687E-04 (207, 4)	8.0162E-04 (242, 4)
10	1.0481E-08 (150, 5)	6.4018E-04 (150, 5)	6.1103E-04 (189, 4)	6.3938E-04 (183, 5)	7.3512E-04 (242, 4)
11	7.2169E-09 (222, 4)	3.0920E-04 (222, 4)	2.6166E-04 (189, 4)	3.3167E-04 (248, 5)	4.2619E-04 (248, 5)
12	2.0898E-09 (222, 4)	7.8173E-05 (150, 5)	1.6550E-04 (222, 4)	1.8185E-04 (222, 4)	2.2043E-04 (97, 5)
13	3.0708E-10 (222, 4)	9.5918E-06 (150, 5)	9.7863E-05 (23, 5)	2.4744E-04 (23, 5)	3.3038E-04 (146, 4)
14	1.2342E-10 (247, 5)	4.9981E-06 (289, 4)	1.0123E-04 (289, 4)	2.4576E-04 (289, 4)	3.2166E-04 (289, 4)
15	1.0548E-09 (247, 5)	2.5139E-05 (247, 5)	6.0672E-05 (240, 5)	1.8321E-04 (240, 5)	2.7183E-04 (240, 5)
16	3.6550E-10 (184, 4)	9.8438E-06 (263, 4)	9.4179E-05 (247, 5)	1.5782E-04 (240, 5)	2.3235E-04 (240, 5)
17	2.1059E-09 (189, 5)	5.6627E-05 (189, 5)	1.8809E-04 (263, 4)	1.8125E-04 (247, 5)	2.0502E-04 (283, 5)
18	7.8145E-09 (189, 5)	2.6476E-04 (189, 5)	2.0282E-04 (263, 5)	2.9787E-04 (247, 5)	3.4078E-04 (157, 5)
19	1.4522E-08 (247, 5)	5.4532E-04 (247, 5)	3.7728E-04 (247, 5)	2.3618E-04 (260, 4)	2.8858E-04 (252, 5)
20	1.2903E-08 (163, 4)	5.0786E-04 (163, 4)	4.3247E-04 (163, 4)	3.2758E-04 (163, 4)	3.2482E-04 (252, 4)
21	1.1281E-08 (189, 5)	7.2044E-04 (163, 4)	6.3580E-04 (189, 5)	4.3484E-04 (189, 5)	3.7279E-04 (189, 4)
22	3.9859E-09 (189, 5)	5.0786E-04 (163, 4)	4.3262E-04 (163, 4)	3.3143E-04 (163, 4)	3.7150E-04 (189, 4)
23	2.1803E-09 (248, 5)	4.1272E-04 (186, 4)	5.0290E-04 (189, 5)	4.4222E-04 (158, 5)	3.7033E-04 (186, 4)
24	1.1895E-09 (163, 4)	4.4116E-04 (247, 4)	4.4105E-04 (247, 4)	5.1337E-04 (158, 5)	6.2647E-04 (186, 4)
25	1.5431E-10 (247, 5)	5.8857E-04 (247, 4)	6.6463E-04 (247, 4)	5.2217E-04 (247, 4)	4.7336E-04 (247, 4)
26	1.5431E-10 (247, 5)	5.6266E-04 (156, 4)	5.7799E-04 (248, 5)	5.4367E-04 (156, 4)	5.2916E-04 (257, 4)
27	8.5026E-11 (247, 5)	3.2144E-04 (156, 4)	2.8878E-04 (248, 5)	3.3819E-04 (267, 4)	4.1869E-04 (207, 3)
28	2.5816E-11 (247, 5)	9.5640E-05 (248, 5)	1.8090E-04 (154, 4)	2.5744E-04 (339, 4)	3.7201E-04 (154, 4)
29	4.5044E-12 (156, 4)	1.6097E-05 (248, 4)	1.5383E-04 (186, 5)	3.0817E-04 (186, 5)	3.6010E-04 (339, 4)
30	2.1822E-11 (248, 4)	1.1402E-04 (248, 4)	1.6511E-04 (241, 4)	2.3728E-04 (163, 4)	3.9508E-04 (228, 3)
31	6.8011E-12 (212, 5)	7.8280E-05 (163, 4)	1.9020E-04 (212, 5)	3.3484E-04 (212, 5)	3.6669E-04 (212, 5)
32	4.8718E-12 (212, 5)	1.4614E-05 (163, 4)	1.2499E-04 (212, 5)	2.5270E-04 (229, 4)	3.7109E-04 (229, 4)
33	1.1477E-12 (212, 5)	1.2320E-05 (186, 4)	1.5385E-04 (186, 4)	3.9533E-04 (229, 4)	5.6147E-04 (248, 4)
34	2.4811E-11 (215, 4)	7.3763E-06 (186, 4)	8.7900E-05 (186, 4)	2.0416E-04 (223, 4)	3.0055E-04 (240, 5)
35	1.2024E-11 (248, 4)	5.6406E-06 (136, 4)	7.3585E-05 (87, 4)	2.1003E-04 (139, 4)	2.9903E-04 (238, 4)
36	4.3317E-12 (136, 4)	1.7908E-05 (136, 4)	9.9055E-05 (315, 4)	2.7807E-04 (64, 4)	4.3177E-04 (64, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.4377E-04 DIRECTION= 9 DISTANCE= 2.5 KM DAY=132

YEAR= 73

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
DIR					
1	4.2904E-10 (236)	5.1725E-05 (163)	5.2748E-05 (199)	5.3951E-05 (160)	5.2799E-05 (226)
2	1.1134E-09 (236)	5.7677E-05 (236)	5.4652E-05 (236)	5.4447E-05 (199)	6.5155E-05 (147)
3	1.5920E-09 (236)	5.9268E-05 (199)	6.6371E-05 (173)	7.8131E-05 (215)	9.3793E-05 (215)
4	9.8324E-10 (192)	7.0578E-05 (173)	1.0600E-04 (173)	9.0449E-05 (173)	8.4993E-05 (173)
5	1.4675E-09 (252)	8.6114E-05 (192)	1.1303E-04 (192)	1.2013E-04 (192)	1.2921E-04 (192)
6	1.7832E-09 (192)	9.9800E-05 (222)	1.1433E-04 (222)	9.4563E-05 (209)	1.1924E-04 (209)
7	1.2597E-09 (222)	6.6316E-05 (222)	8.6735E-05 (182)	1.2536E-04 (187)	1.3721E-04 (181)
8	4.8607E-10 (222)	2.3828E-05 (222)	5.9175E-05 (181)	1.2204E-04 (181)	1.3627E-04 (236)
9	1.3146E-10 (259)	5.5904E-06 (222)	5.4241E-05 (132)	1.1310E-04 (132)	1.4377E-04 (132)
10	1.8430E-10 (218)	2.5953E-05 (259)	4.6820E-05 (140)	7.8329E-05 (132)	1.0318E-04 (132)
11	2.7548E-11 (218)	1.0444E-05 (218)	3.4272E-05 (208)	6.8845E-05 (169)	8.5272E-05 (169)
12	2.3188E-11 (235)	2.2666E-06 (143)	2.0731E-05 (143)	3.9406E-05 (100)	6.6627E-05 (100)
13	1.6573E-10 (235)	5.2182E-06 (235)	1.1844E-05 (103)	3.3951E-05 (103)	4.8303E-05 (259)
14	5.8325E-10 (259)	2.5451E-05 (259)	2.2195E-05 (138)	3.9145E-05 (197)	4.6151E-05 (197)
15	2.6404E-10 (119)	5.4027E-05 (119)	4.8424E-05 (235)	3.8562E-05 (118)	4.3083E-05 (103)
16	8.6858E-10 (131)	7.9293E-05 (235)	6.1025E-05 (235)	4.7375E-05 (235)	5.9922E-05 (95)
17	1.3302E-09 (238)	6.3827E-05 (131)	5.1456E-05 (131)	4.0652E-05 (131)	4.6471E-05 (95)
18	1.5763E-09 (131)	8.5930E-05 (119)	6.6580E-05 (238)	4.8889E-05 (221)	5.2437E-05 (103)
19	8.6858E-10 (131)	3.1740E-05 (131)	3.2393E-05 (233)	4.1516E-05 (233)	4.8357E-05 (233)
20	5.1617E-10 (221)	2.8851E-05 (238)	2.6052E-05 (183)	6.3045E-05 (183)	8.3620E-05 (183)
21	8.5120E-10 (191)	5.8661E-05 (221)	6.1360E-05 (221)	8.2297E-05 (183)	1.1547E-04 (183)
22	1.9153E-09 (221)	8.9479E-05 (221)	9.6125E-05 (221)	1.0028E-04 (221)	1.0588E-04 (221)
23	1.5090E-09 (221)	6.8861E-05 (221)	9.3424E-05 (221)	1.2743E-04 (221)	1.3445E-04 (191)
24	6.5517E-10 (221)	2.6806E-05 (221)	4.8766E-05 (221)	8.2013E-05 (221)	9.7511E-05 (191)
25	4.6400E-10 (232)	4.5188E-05 (260)	6.7279E-05 (191)	7.7152E-05 (260)	9.2133E-05 (260)
26	4.0458E-10 (191)	5.3450E-05 (232)	4.0214E-05 (232)	7.3113E-05 (154)	9.8141E-05 (240)
27	5.8491E-11 (191)	5.9636E-05 (260)	6.7536E-05 (232)	6.9466E-05 (154)	8.3146E-05 (158)
28	7.2264E-12 (260)	2.4004E-05 (260)	4.4523E-05 (158)	7.8329E-05 (239)	9.7787E-05 (239)
29	6.1302E-11 (233)	4.8001E-06 (260)	2.5092E-05 (238)	6.3377E-05 (238)	8.9086E-05 (238)
30	1.4088E-10 (232)	4.3701E-06 (232)	1.8673E-05 (171)	4.5515E-05 (202)	6.8960E-05 (171)
31	1.8570E-11 (232)	8.6463E-06 (261)	3.1931E-05 (171)	3.9775E-05 (217)	4.8411E-05 (224)
32	7.3909E-12 (261)	3.5014E-05 (261)	5.1092E-05 (217)	9.0075E-05 (224)	1.0632E-04 (217)
33	1.3413E-11 (261)	7.0461E-05 (261)	6.4423E-05 (233)	9.8393E-05 (202)	1.2692E-04 (217)
34	2.4852E-11 (199)	3.6412E-05 (233)	4.0895E-05 (217)	8.4382E-05 (261)	8.2910E-05 (202)
35	1.8853E-10 (199)	3.5014E-05 (261)	4.9988E-05 (261)	5.6984E-05 (228)	7.4464E-05 (217)
36	9.1105E-11 (236)	2.5608E-05 (199)	4.2223E-05 (160)	7.7969E-05 (160)	8.7594E-05 (160)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 8.8141E-04 DIRECTION= 5 DISTANCE= 1.5 KM DAY=192 TIME PERIOD= 4

YEAR= 73

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR	RANGE 0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	3.4323E-09 (236, 4)	4.1353E-04 (163, 4)	4.2198E-04 (199, 4)	3.7307E-04 (160, 4)	3.9363E-04 (226, 4)
2	8.9068E-09 (236, 4)	4.6141E-04 (236, 4)	4.3721E-04 (236, 4)	4.3558E-04 (199, 4)	4.6068E-04 (157, 5)
3	1.2736E-08 (236, 4)	4.7414E-04 (199, 4)	5.2836E-04 (173, 5)	5.3970E-04 (151, 5)	5.1109E-04 (269, 5)
4	7.8659E-09 (192, 4)	5.3068E-04 (236, 4)	6.6960E-04 (182, 4)	6.0218E-04 (182, 4)	5.5615E-04 (313, 4)
5	1.1740E-08 (252, 4)	6.5169E-04 (182, 4)	8.8141E-04 (192, 4)	8.3292E-04 (192, 4)	7.5461E-04 (192, 4)
6	1.4266E-08 (192, 4)	6.7608E-04 (192, 4)	7.7491E-04 (192, 4)	6.8360E-04 (182, 5)	5.9376E-04 (182, 5)
7	1.0075E-08 (222, 4)	5.2445E-04 (222, 4)	5.7369E-04 (222, 4)	6.7189E-04 (181, 4)	7.2728E-04 (216, 5)
8	3.8826E-09 (222, 4)	1.7131E-04 (222, 4)	3.0016E-04 (185, 4)	6.3566E-04 (181, 4)	8.3360E-04 (218, 4)
9	1.0516E-09 (259, 4)	3.5692E-05 (259, 4)	2.5242E-04 (132, 5)	5.4656E-04 (132, 5)	6.1761E-04 (152, 4)
10	1.4744E-09 (218, 4)	2.0375E-04 (259, 4)	2.1829E-04 (259, 4)	3.9254E-04 (140, 4)	5.0603E-04 (140, 4)
11	2.2039E-10 (218, 4)	8.3519E-05 (218, 4)	2.7415E-04 (208, 4)	4.9049E-04 (259, 4)	4.0242E-04 (259, 4)
12	1.8551E-10 (235, 5)	1.8101E-05 (143, 5)	1.6274E-04 (143, 5)	2.8477E-04 (143, 5)	3.3146E-04 (100, 4)
13	1.3259E-09 (235, 5)	4.1483E-05 (235, 5)	8.8822E-05 (197, 5)	2.1237E-04 (103, 5)	2.8168E-04 (103, 5)
14	4.6660E-09 (259, 4)	2.0360E-04 (259, 4)	1.7756E-04 (138, 4)	3.1316E-04 (197, 5)	3.6921E-04 (197, 5)
15	2.1098E-09 (131, 4)	2.6733E-04 (119, 4)	3.5433E-04 (119, 4)	2.6921E-04 (119, 4)	3.4445E-04 (103, 5)
16	6.9487E-09 (131, 4)	5.0163E-04 (119, 4)	4.8820E-04 (235, 5)	3.7900E-04 (235, 5)	3.3067E-04 (95, 5)
17	1.0642E-08 (238, 5)	5.1062E-04 (131, 4)	5.5383E-04 (119, 5)	4.1618E-04 (119, 5)	3.4245E-04 (119, 5)
18	1.2611E-08 (131, 4)	5.1066E-04 (131, 4)	4.1758E-04 (131, 4)	3.4176E-04 (131, 4)	3.6062E-04 (190, 5)
19	6.9487E-09 (131, 4)	2.5392E-04 (131, 4)	2.2047E-04 (131, 4)	2.9858E-04 (238, 5)	3.5347E-04 (305, 4)
20	4.1294E-09 (221, 5)	2.3081E-04 (238, 5)	1.5513E-04 (238, 5)	2.9520E-04 (183, 4)	3.5893E-04 (183, 4)
21	3.6328E-09 (191, 4)	4.6784E-04 (221, 5)	4.2276E-04 (221, 5)	4.6778E-04 (183, 4)	6.1137E-04 (183, 4)
22	1.0006E-08 (191, 4)	4.3473E-04 (191, 4)	4.7143E-04 (191, 4)	5.2110E-04 (233, 4)	5.9728E-04 (78, 4)
23	1.4961E-08 (191, 5)	6.9104E-04 (191, 5)	6.1923E-04 (221, 5)	6.3377E-04 (221, 5)	6.0616E-04 (221, 5)
24	1.2699E-08 (191, 4)	5.7628E-04 (191, 4)	5.2006E-04 (191, 5)	4.9020E-04 (120, 4)	4.5529E-04 (191, 4)
25	5.8522E-09 (191, 4)	2.5961E-04 (191, 5)	3.3178E-04 (191, 4)	3.5304E-04 (260, 5)	4.1283E-04 (191, 4)
26	1.7505E-09 (191, 5)	4.2760E-04 (232, 4)	3.1819E-04 (232, 4)	3.5258E-04 (154, 5)	4.1762E-04 (154, 5)
27	2.5996E-10 (191, 5)	4.7574E-04 (260, 5)	5.3953E-04 (232, 4)	4.9164E-04 (260, 5)	4.1927E-04 (232, 4)
28	5.7811E-11 (260, 5)	1.9167E-04 (260, 5)	3.5578E-04 (158, 4)	4.8742E-04 (232, 4)	5.4680E-04 (238, 4)
29	4.9041E-10 (233, 5)	3.8373E-05 (260, 5)	1.6836E-04 (239, 5)	3.0055E-04 (158, 4)	3.8591E-04 (158, 4)
30	1.1270E-09 (232, 4)	3.4961E-05 (232, 4)	1.4909E-04 (171, 4)	2.8630E-04 (204, 5)	3.9439E-04 (222, 4)
31	1.4856E-10 (232, 4)	6.9171E-05 (261, 4)	2.5003E-04 (171, 4)	2.8875E-04 (204, 5)	3.7683E-04 (112, 4)
32	5.9127E-11 (261, 4)	2.8011E-04 (261, 4)	3.9991E-04 (261, 4)	4.2586E-04 (233, 5)	5.2394E-04 (224, 5)
33	1.0730E-10 (261, 4)	5.6369E-04 (261, 4)	5.1539E-04 (233, 5)	5.5284E-04 (224, 5)	6.2119E-04 (202, 5)
34	1.9881E-10 (199, 4)	2.9130E-04 (233, 5)	2.2071E-04 (233, 5)	4.4332E-04 (217, 4)	5.5220E-04 (261, 4)
35	1.5083E-09 (199, 4)	2.8011E-04 (261, 4)	3.9991E-04 (261, 4)	3.1119E-04 (150, 4)	3.7452E-04 (217, 3)
36	7.2884E-10 (236, 4)	2.0486E-04 (199, 4)	2.0772E-04 (160, 4)	3.6357E-04 (160, 4)	4.2091E-04 (226, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.3283E-04 DIRECTION= 27 DISTANCE= 2.5 KM DAY=110

YEAR= 74

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	8.7997E-10 (237)	4.7826E-05 (161)	5.0274E-05 (161)	6.7161E-05 (221)	6.8081E-05 (98)
2	2.2344E-10 (237)	2.9313E-05 (161)	3.4508E-05 (207)	5.2951E-05 (221)	5.9189E-05 (127)
3	4.8533E-10 (199)	1.8972E-05 (199)	3.6847E-05 (207)	7.1369E-05 (207)	7.7753E-05 (152)
4	2.4751E-10 (221)	5.1151E-05 (173)	4.2426E-05 (199)	5.9775E-05 (173)	7.5655E-05 (229)
5	3.6756E-11 (221)	7.7888E-05 (173)	1.0185E-04 (200)	8.6345E-05 (200)	9.0551E-05 (234)
6	2.0639E-10 (156)	6.6801E-05 (199)	9.8885E-05 (173)	9.5884E-05 (151)	1.2077E-04 (151)
7	6.1598E-10 (199)	3.2905E-05 (156)	5.3215E-05 (173)	9.2511E-05 (200)	1.1286E-04 (200)
8	1.4736E-10 (199)	4.5546E-05 (109)	5.1295E-05 (109)	7.5796E-05 (197)	1.0545E-04 (196)
9	1.9425E-11 (199)	6.9290E-05 (109)	7.7719E-05 (156)	9.2740E-05 (173)	1.1604E-04 (231)
10	1.8667E-11 (223)	5.2383E-05 (109)	1.0402E-04 (211)	8.9716E-05 (211)	8.9671E-05 (121)
11	1.9813E-11 (223)	5.7798E-05 (211)	1.0709E-04 (211)	8.7700E-05 (211)	8.2367E-05 (167)
12	1.5026E-11 (211)	4.9949E-05 (223)	6.8496E-05 (223)	6.0901E-05 (167)	6.1681E-05 (211)
13	7.3098E-12 (156)	1.3225E-05 (223)	1.8570E-05 (237)	3.7114E-05 (237)	5.1151E-05 (167)
14	1.0828E-12 (234)	2.6232E-06 (234)	6.0611E-06 (237)	2.0661E-05 (99)	4.0927E-05 (99)
15	5.0993E-12 (234)	1.6161E-05 (234)	2.0157E-05 (234)	1.9776E-05 (109)	2.7977E-05 (128)
16	1.4221E-12 (211)	3.2544E-06 (211)	1.4962E-05 (282)	4.1617E-05 (282)	5.2330E-05 (338)
17	5.3028E-12 (196)	3.2533E-06 (243)	1.1177E-05 (180)	3.3537E-05 (282)	5.1510E-05 (282)
18	1.4907E-11 (234)	1.8689E-05 (243)	1.7865E-05 (243)	4.4714E-05 (108)	6.2821E-05 (108)
19	1.8494E-11 (243)	2.1377E-05 (234)	2.7438E-05 (234)	3.4704E-05 (108)	4.3925E-05 (108)
20	1.1657E-10 (233)	4.4458E-05 (196)	3.0842E-05 (196)	3.9396E-05 (282)	5.7295E-05 (243)
21	5.4899E-10 (233)	5.3351E-05 (243)	5.6786E-05 (243)	4.4342E-05 (264)	6.2559E-05 (264)
22	1.4246E-09 (233)	6.5633E-05 (233)	7.1338E-05 (233)	5.9367E-05 (265)	7.9358E-05 (172)
23	1.0888E-09 (190)	8.0556E-05 (190)	8.9901E-05 (190)	7.0805E-05 (172)	7.3004E-05 (233)
24	1.5608E-09 (204)	7.6365E-05 (204)	8.3668E-05 (233)	6.9781E-05 (190)	8.1826E-05 (306)
25	6.9678E-10 (233)	4.6571E-05 (238)	4.8552E-05 (238)	7.2154E-05 (110)	9.9299E-05 (286)
26	1.0401E-09 (180)	6.6958E-05 (260)	7.9473E-05 (204)	8.3064E-05 (180)	1.2071E-04 (305)
27	1.7831E-09 (227)	9.0380E-05 (180)	1.0858E-04 (260)	1.0642E-04 (110)	1.3283E-04 (110)
28	1.7831E-09 (227)	8.4971E-05 (172)	1.0356E-04 (227)	8.7566E-05 (172)	9.5112E-05 (172)
29	1.0897E-09 (240)	4.6615E-05 (221)	6.3857E-05 (243)	8.1775E-05 (240)	7.3658E-05 (221)
30	9.3588E-10 (159)	7.5175E-05 (243)	8.0000E-05 (240)	8.9724E-05 (240)	7.8969E-05 (243)
31	1.9775E-09 (240)	7.2711E-05 (159)	6.2203E-05 (240)	7.9403E-05 (237)	8.3361E-05 (243)
32	1.5189E-09 (221)	7.1573E-05 (97)	6.8748E-05 (97)	6.5624E-05 (221)	7.3374E-05 (241)
33	1.6025E-09 (159)	8.2365E-05 (97)	8.3002E-05 (97)	9.2683E-05 (97)	1.0308E-04 (97)
34	1.5046E-09 (237)	5.4712E-05 (237)	5.5120E-05 (226)	8.2451E-05 (221)	8.5912E-05 (221)
35	1.0695E-09 (221)	3.7267E-05 (221)	5.2176E-05 (159)	6.5243E-05 (242)	8.6233E-05 (242)
36	1.4530E-09 (221)	5.4244E-05 (221)	5.5419E-05 (237)	6.2673E-05 (221)	6.9101E-05 (221)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 8.6867E-04 DIRECTION= 27 DISTANCE= 1.5 KM DAY=260 TIME PERIOD= 4

YEAR= 74

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	7.0397E-09 (237, 5)	3.8261E-04 (161, 4)	4.0219E-04 (161, 4)	3.6660E-04 (242, 5)	4.0909E-04 (221, 5)
2	1.7875E-09 (237, 5)	2.3451E-04 (161, 4)	2.3445E-04 (161, 4)	3.0973E-04 (207, 5)	4.5580E-04 (207, 5)
3	3.8826E-09 (199, 5)	1.5177E-04 (199, 5)	2.1704E-04 (221, 5)	3.1191E-04 (158, 5)	3.5503E-04 (86, 4)
4	1.9801E-09 (221, 5)	4.0921E-04 (173, 5)	3.3941E-04 (199, 5)	4.7820E-04 (173, 5)	5.6813E-04 (229, 4)
5	2.9405E-10 (221, 5)	6.2310E-04 (173, 5)	8.1250E-04 (200, 4)	6.8395E-04 (200, 4)	6.5217E-04 (173, 5)
6	1.6459E-09 (156, 4)	5.3440E-04 (199, 5)	7.9083E-04 (173, 5)	6.5598E-04 (173, 5)	6.7227E-04 (151, 5)
7	4.9279E-09 (199, 5)	2.5827E-04 (156, 4)	4.1811E-04 (173, 5)	4.9552E-04 (200, 4)	5.2918E-04 (129, 4)
8	1.1789E-09 (199, 5)	3.6437E-04 (109, 5)	4.1036E-04 (109, 5)	5.4304E-04 (197, 5)	6.3832E-04 (157, 5)
9	1.5540E-10 (199, 5)	5.5432E-04 (109, 5)	6.2171E-04 (156, 4)	5.3025E-04 (151, 4)	6.6839E-04 (243, 5)
10	1.4933E-10 (223, 4)	4.1906E-04 (109, 5)	8.0797E-04 (211, 5)	7.0264E-04 (211, 5)	6.1534E-04 (223, 4)
11	1.5850E-10 (223, 4)	3.1471E-04 (211, 5)	6.9067E-04 (211, 5)	5.8337E-04 (211, 5)	4.8601E-04 (211, 5)
12	1.2340E-10 (211, 4)	3.9932E-04 (223, 4)	5.2772E-04 (223, 4)	3.8891E-04 (223, 4)	3.6605E-04 (195, 5)
13	5.8479E-11 (156, 4)	1.0575E-04 (223, 4)	1.4856E-04 (237, 5)	2.9691E-04 (237, 5)	3.4819E-04 (237, 5)
14	8.6623E-12 (234, 4)	2.0986E-05 (234, 4)	4.8489E-05 (237, 5)	1.1315E-04 (99, 5)	2.0406E-04 (99, 5)
15	4.0794E-11 (234, 4)	1.2929E-04 (234, 4)	1.6125E-04 (234, 4)	1.5821E-04 (109, 6)	2.2378E-04 (128, 4)
16	1.1377E-11 (211, 4)	2.6036E-05 (211, 4)	9.9866E-05 (109, 6)	2.4932E-04 (282, 4)	3.3823E-04 (234, 4)
17	4.2422E-11 (196, 4)	2.6026E-05 (243, 5)	8.9412E-05 (180, 5)	2.1647E-04 (180, 5)	2.9653E-04 (41, 5)
18	1.1926E-10 (234, 4)	1.4951E-04 (243, 5)	1.4291E-04 (243, 5)	2.8922E-04 (311, 5)	4.0300E-04 (234, 4)
19	1.4795E-10 (243, 5)	1.7102E-04 (234, 4)	2.1951E-04 (234, 4)	2.4277E-04 (108, 5)	2.9115E-04 (108, 5)
20	9.3259E-10 (233, 4)	3.5567E-04 (196, 4)	2.4674E-04 (196, 4)	3.0148E-04 (114, 4)	4.1525E-04 (311, 4)
21	4.3919E-09 (233, 4)	4.2681E-04 (243, 5)	4.5428E-04 (243, 5)	3.3799E-04 (264, 5)	4.3678E-04 (281, 4)
22	1.1397E-08 (233, 4)	5.2506E-04 (233, 4)	5.7071E-04 (233, 4)	4.2931E-04 (233, 4)	4.9861E-04 (265, 4)
23	8.7103E-09 (190, 4)	6.4445E-04 (190, 4)	7.1921E-04 (190, 4)	5.6643E-04 (172, 4)	5.6517E-04 (172, 4)
24	1.2486E-08 (204, 4)	6.1092E-04 (204, 4)	6.6934E-04 (233, 4)	5.3058E-04 (233, 4)	6.2048E-04 (286, 5)
25	5.5742E-09 (233, 4)	3.7256E-04 (238, 4)	3.8842E-04 (238, 4)	5.2565E-04 (286, 5)	6.1028E-04 (110, 5)
26	8.3208E-09 (180, 4)	5.3566E-04 (260, 4)	6.3489E-04 (204, 4)	6.2744E-04 (260, 4)	6.2983E-04 (180, 4)
27	1.4264E-08 (227, 4)	7.2304E-04 (180, 4)	8.6867E-04 (260, 4)	7.3950E-04 (110, 4)	7.2549E-04 (180, 4)
28	1.4264E-08 (227, 4)	6.7762E-04 (172, 4)	8.2846E-04 (227, 4)	6.5943E-04 (164, 4)	5.3942E-04 (164, 4)
29	8.7176E-09 (240, 4)	3.7292E-04 (221, 4)	5.1083E-04 (243, 4)	6.5398E-04 (240, 4)	5.8927E-04 (221, 4)
30	7.4871E-09 (159, 5)	6.0140E-04 (243, 4)	6.4000E-04 (240, 4)	7.1520E-04 (243, 4)	6.0087E-04 (243, 4)
31	1.5820E-08 (240, 4)	5.8165E-04 (159, 5)	4.9763E-04 (240, 4)	6.2231E-04 (237, 4)	6.5575E-04 (243, 4)
32	1.2147E-08 (221, 4)	5.7257E-04 (97, 5)	5.4660E-04 (97, 5)	4.6321E-04 (243, 4)	5.2894E-04 (243, 4)
33	1.2820E-08 (159, 5)	6.5889E-04 (97, 5)	6.5775E-04 (97, 5)	6.0445E-04 (221, 4)	5.0463E-04 (226, 4)
34	1.2037E-08 (237, 5)	4.3750E-04 (237, 5)	4.4096E-04 (226, 4)	4.4252E-04 (97, 5)	5.1605E-04 (159, 4)
35	4.9626E-09 (221, 4)	1.7976E-04 (221, 4)	3.4190E-04 (159, 5)	4.1942E-04 (237, 5)	4.6605E-04 (221, 3)
36	1.0505E-08 (221, 5)	3.9925E-04 (221, 5)	3.4502E-04 (221, 5)	3.1487E-04 (242, 5)	3.8838E-04 (210, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.4054E-04 DIRECTION= 9 DISTANCE= 2.5 KM DAY=179

YEAR= 75

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
DIR					
1	1.9480E-09 (162)	8.7672E-05 (162)	9.6043E-05 (162)	8.0878E-05 (120)	8.5793E-05 (99)
2	1.6781E-09 (126)	8.0133E-05 (218)	8.2488E-05 (126)	6.7737E-05 (218)	8.6657E-05 (66)
3	1.4034E-09 (126)	7.3599E-05 (179)	6.5455E-05 (126)	6.2459E-05 (122)	7.8344E-05 (122)
4	1.8062E-09 (171)	8.6978E-05 (145)	7.0292E-05 (145)	8.1433E-05 (161)	9.8993E-05 (171)
5	1.3408E-09 (171)	6.3561E-05 (171)	6.5921E-05 (171)	9.9802E-05 (181)	9.0598E-05 (132)
6	1.7256E-09 (181)	8.0756E-05 (176)	8.8077E-05 (230)	8.2465E-05 (146)	1.0204E-04 (146)
7	8.9586E-10 (181)	7.3731E-05 (185)	1.1150E-04 (185)	1.1681E-04 (230)	1.2970E-04 (178)
8	3.9712E-10 (243)	4.6336E-05 (176)	9.7879E-05 (185)	1.1626E-04 (230)	1.1014E-04 (115)
9	3.6715E-10 (176)	2.7570E-05 (206)	4.4904E-05 (206)	1.0230E-04 (165)	1.4054E-04 (179)
10	4.6631E-10 (97)	5.1555E-05 (206)	5.5304E-05 (243)	8.4355E-05 (166)	1.1035E-04 (179)
11	9.5304E-10 (97)	5.9858E-05 (243)	5.1501E-05 (206)	5.6547E-05 (140)	7.1389E-05 (140)
12	8.1192E-10 (243)	2.5863E-05 (243)	2.3661E-05 (206)	5.0288E-05 (97)	4.6836E-05 (231)
13	4.5632E-10 (177)	2.2171E-05 (177)	2.3694E-05 (177)	4.5802E-05 (230)	7.2478E-05 (244)
14	2.2798E-10 (97)	1.3395E-05 (97)	1.8488E-05 (180)	4.1956E-05 (180)	6.4129E-05 (328)
15	4.2971E-11 (97)	3.7339E-05 (144)	4.0450E-05 (144)	4.0855E-05 (244)	5.8865E-05 (244)
16	1.8094E-11 (144)	7.0064E-05 (144)	8.0961E-05 (144)	6.3848E-05 (144)	5.5989E-05 (95)
17	1.7047E-11 (144)	2.9235E-05 (177)	2.9251E-05 (177)	5.8775E-05 (144)	4.7954E-05 (144)
18	8.8496E-12 (144)	1.3813E-05 (143)	2.3052E-05 (143)	3.1133E-05 (95)	4.0580E-05 (95)
19	1.8263E-11 (177)	2.9846E-05 (181)	2.4374E-05 (181)	3.0179E-05 (94)	3.9890E-05 (94)
20	1.7125E-11 (143)	6.4422E-05 (181)	5.6993E-05 (181)	5.9406E-05 (106)	5.8856E-05 (143)
21	1.8108E-11 (181)	5.8877E-05 (143)	6.3434E-05 (181)	5.4362E-05 (176)	6.4122E-05 (64)
22	1.0614E-11 (181)	3.7779E-05 (181)	4.2898E-05 (181)	4.9086E-05 (181)	7.5417E-05 (141)
23	4.3610E-12 (116)	1.5234E-05 (116)	2.5763E-05 (181)	4.7511E-05 (181)	6.5386E-05 (181)
24	1.4830E-11 (116)	5.2136E-05 (176)	5.5605E-05 (176)	5.7115E-05 (116)	5.9158E-05 (247)
25	2.9394E-11 (217)	1.3806E-05 (176)	3.3714E-05 (250)	6.8012E-05 (250)	8.2393E-05 (250)
26	5.4193E-11 (176)	5.8056E-06 (217)	3.7450E-05 (247)	9.0821E-05 (247)	1.1358E-04 (116)
27	1.4869E-10 (219)	2.9004E-05 (217)	4.5623E-05 (248)	1.0338E-04 (248)	1.3879E-04 (248)
28	6.5973E-10 (219)	2.2254E-05 (219)	5.3112E-05 (184)	7.5793E-05 (248)	9.6139E-05 (248)
29	1.6129E-09 (219)	6.3518E-05 (219)	5.7149E-05 (219)	6.4274E-05 (250)	8.4302E-05 (250)
30	1.4155E-09 (217)	7.2924E-05 (143)	8.0604E-05 (143)	8.3703E-05 (219)	9.2294E-05 (219)
31	1.3407E-09 (242)	6.3526E-05 (219)	6.7923E-05 (143)	5.7436E-05 (114)	6.5745E-05 (114)
32	6.5973E-10 (219)	2.7744E-05 (143)	3.4264E-05 (143)	5.6077E-05 (258)	7.8041E-05 (258)
33	1.4869E-10 (219)	5.5399E-05 (205)	6.2968E-05 (205)	7.6380E-05 (114)	8.8514E-05 (242)
34	2.7254E-10 (162)	2.3117E-05 (242)	4.1467E-05 (114)	6.9823E-05 (205)	7.8417E-05 (216)
35	5.1364E-10 (218)	3.6596E-05 (205)	3.8077E-05 (162)	4.7453E-05 (114)	6.5472E-05 (147)
36	1.4147E-09 (218)	6.0583E-05 (218)	6.5163E-05 (218)	5.5756E-05 (120)	6.0189E-05 (120)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 7.6834E-04 DIRECTION= : DISTANCE= 1.5 KM DAY=162 TIME PERIOD= 4

YEAR= 75

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	1.5584E-08 (162, 4)	7.0137E-04 (162, 4)	7.6834E-04 (162, 4)	6.4702E-04 (120, 4)	6.7936E-04 (99, 5)
2	1.3425E-08 (126, 4)	6.4106E-04 (218, 4)	6.5991E-04 (126, 4)	5.1623E-04 (126, 4)	4.3911E-04 (218, 4)
3	1.1227E-08 (126, 4)	5.8869E-04 (179, 5)	4.6679E-04 (179, 5)	4.0269E-04 (126, 4)	5.2722E-04 (216, 5)
4	1.4449E-08 (171, 4)	6.9538E-04 (145, 4)	5.5761E-04 (145, 4)	4.8162E-04 (145, 4)	4.6578E-04 (145, 4)
5	1.0726E-08 (171, 4)	5.0484E-04 (171, 4)	4.8708E-04 (171, 4)	6.5550E-04 (132, 4)	7.2337E-04 (132, 4)
6	1.3805E-08 (181, 5)	6.4599E-04 (176, 4)	7.0454E-04 (230, 4)	5.6294E-04 (146, 4)	6.9559E-04 (146, 4)
7	7.1669E-09 (181, 5)	5.7882E-04 (185, 4)	7.4302E-04 (176, 4)	6.5815E-04 (185, 4)	6.6697E-04 (181, 5)
8	3.1770E-09 (243, 4)	3.6920E-04 (176, 4)	6.5732E-04 (185, 4)	6.9112E-04 (185, 4)	6.9117E-04 (185, 4)
9	2.9372E-09 (176, 4)	2.0205E-04 (206, 4)	3.3632E-04 (227, 5)	6.0350E-04 (166, 5)	7.3885E-04 (166, 5)
10	3.7290E-09 (97, 4)	4.0660E-04 (206, 4)	4.0863E-04 (206, 4)	3.9568E-04 (166, 5)	4.9011E-04 (180, 4)
11	7.6241E-09 (97, 4)	4.7886E-04 (243, 4)	4.0863E-04 (206, 4)	3.4151E-04 (231, 5)	4.1351E-04 (126, 5)
12	6.4954E-09 (243, 4)	2.0690E-04 (243, 4)	1.8901E-04 (206, 4)	3.2416E-04 (226, 4)	3.3374E-04 (128, 4)
13	3.6506E-09 (177, 4)	1.7681E-04 (177, 4)	1.7191E-04 (177, 4)	2.7283E-04 (180, 5)	3.5366E-04 (180, 5)
14	1.8239E-09 (97, 4)	1.0716E-04 (97, 4)	1.3871E-04 (180, 5)	2.9969E-04 (328, 5)	3.8189E-04 (244, 5)
15	3.4377E-10 (97, 4)	2.9871E-04 (144, 4)	3.2360E-04 (144, 4)	2.4756E-04 (297, 4)	3.3189E-04 (297, 4)
16	1.4475E-10 (144, 4)	5.6052E-04 (144, 4)	6.4769E-04 (144, 4)	5.1079E-04 (144, 4)	4.1876E-04 (144, 4)
17	1.3637E-10 (144, 4)	2.3388E-04 (177, 4)	2.3401E-04 (177, 4)	3.3666E-04 (95, 4)	3.8363E-04 (144, 4)
18	7.0797E-11 (144, 4)	1.0836E-04 (143, 4)	1.1124E-04 (95, 4)	2.1624E-04 (143, 6)	2.9303E-04 (95, 4)
19	1.4611E-10 (177, 4)	2.3877E-04 (181, 4)	1.9499E-04 (181, 4)	2.3660E-04 (94, 4)	2.4632E-04 (143, 4)
20	1.3700E-10 (143, 4)	5.1537E-04 (181, 4)	4.5595E-04 (181, 4)	3.5122E-04 (181, 4)	3.6227E-04 (94, 4)
21	1.4487E-10 (181, 4)	4.7101E-04 (143, 4)	5.0747E-04 (181, 4)	4.3356E-04 (176, 4)	4.7617E-04 (176, 4)
22	8.4916E-11 (181, 4)	3.0223E-04 (181, 4)	3.4318E-04 (181, 4)	3.9269E-04 (181, 4)	4.3054E-04 (181, 4)
23	3.4888E-11 (116, 4)	1.2187E-04 (116, 4)	2.0610E-04 (181, 4)	3.8009E-04 (181, 4)	5.2309E-04 (181, 4)
24	1.1864E-10 (116, 4)	4.1708E-04 (176, 4)	4.4313E-04 (176, 4)	4.4747E-04 (116, 4)	4.5677E-04 (247, 5)
25	2.3516E-10 (217, 4)	1.1045E-04 (176, 4)	2.3343E-04 (236, 4)	4.7156E-04 (97, 4)	6.3777E-04 (97, 4)
26	4.3355E-10 (176, 4)	4.6445E-05 (217, 4)	2.2765E-04 (247, 4)	5.0994E-04 (247, 4)	6.4075E-04 (247, 4)
27	1.1895E-09 (219, 4)	2.3203E-04 (217, 4)	2.4529E-04 (247, 4)	5.0488E-04 (248, 5)	6.1792E-04 (248, 5)
28	5.2778E-09 (219, 4)	1.7803E-04 (219, 4)	2.8048E-04 (143, 5)	3.6053E-04 (143, 5)	3.9565E-04 (286, 4)
29	1.2903E-08 (219, 4)	5.0815E-04 (219, 4)	4.5678E-04 (219, 4)	3.8427E-04 (219, 4)	4.0659E-04 (132, 3)
30	1.1324E-08 (217, 4)	5.8318E-04 (143, 5)	6.2750E-04 (217, 4)	6.4251E-04 (219, 4)	6.5814E-04 (219, 4)
31	1.0726E-08 (242, 4)	5.0821E-04 (219, 4)	5.2721E-04 (143, 5)	4.3365E-04 (242, 4)	4.5054E-04 (217, 4)
32	5.2778E-09 (219, 4)	2.1885E-04 (143, 5)	2.0900E-04 (143, 5)	3.6114E-04 (168, 4)	4.6928E-04 (168, 4)
33	1.1895E-09 (219, 4)	4.3853E-04 (205, 4)	4.0919E-04 (205, 4)	5.7025E-04 (114, 5)	6.7908E-04 (242, 4)
34	2.1803E-09 (162, 4)	1.8494E-04 (242, 4)	3.1371E-04 (114, 5)	4.7495E-04 (260, 4)	5.8981E-04 (260, 4)
35	4.1091E-09 (218, 4)	2.9200E-04 (205, 4)	3.0461E-04 (162, 4)	3.7464E-04 (147, 4)	4.4554E-04 (205, 4)
36	1.1318E-08 (218, 4)	4.8466E-04 (218, 4)	5.2131E-04 (218, 4)	4.4605E-04 (120, 4)	4.4841E-04 (162, 4)

COMPOSITE HIGHEST,SECOND-HIGHEST 24-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	0.	88.	96.	81.	86.
2	0.	80.	82.	71.	87.
3	0.	74.	86.	78.	94.
4	0.	99.	108.	90.	99.
5	0.	106.	117.	120.	129.
6	0.	100.	114.	96.	121.
7	0.	89.	111.	125.	137.
8	0.	59.	98.	122.	136.
9	0.	84.	112.	123.	160.
10	0.	80.	104.	113.	147.
11	0.	60.	107.	88.	85.
12	0.	50.	68.	86.	71.
13	0.	28.	37.	57.	72.
14	0.	25.	22.	42.	64.
15	0.	54.	48.	59.	59.
16	0.	79.	81.	64.	60.
17	0.	64.	51.	59.	52.
18	0.	86.	67.	49.	63.
19	0.	68.	48.	50.	56.
20	0.	64.	57.	64.	84.
21	0.	90.	79.	82.	115.
22	0.	89.	96.	100.	106.
23	0.	81.	93.	127.	134.
24	0.	78.	86.	82.	98.
25	0.	79.	89.	77.	99.
26	0.	85.	86.	91.	121.
27	0.	90.	109.	106.	139.
28	0.	119.	122.	94.	98.
29	0.	64.	64.	82.	89.
30	0.	75.	81.	90.	92.
31	0.	73.	68.	79.	83.
32	0.	72.	69.	90.	106.
33	0.	82.	83.	98.	127.
34	0.	55.	55.	84.	86.
35	0.	37.	52.	86.	104.
36	0.	61.	65.	82.	108.

COMPOSITE HIGHEST, SECOND-HIGHEST 3-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	0.	701.	768.	647.	679.
2	0.	641.	660.	560.	461.
3	0.	589.	686.	557.	624.
4	0.	790.	863.	664.	568.
5	0.	847.	932.	833.	755.
6	0.	676.	791.	684.	696.
7	0.	711.	743.	672.	727.
8	0.	471.	657.	691.	834.
9	0.	674.	893.	827.	811.
10	0.	640.	808.	703.	735.
11	0.	479.	691.	583.	486.
12	0.	399.	528.	537.	567.
13	0.	224.	176.	297.	354.
14	0.	204.	178.	313.	382.
15	0.	397.	379.	382.	386.
16	0.	561.	648.	511.	419.
17	0.	511.	554.	416.	384.
18	0.	511.	418.	342.	403.
19	0.	545.	377.	299.	353.
20	0.	515.	456.	351.	415.
21	0.	720.	636.	468.	611.
22	0.	525.	571.	521.	597.
23	0.	691.	719.	634.	606.
24	0.	611.	669.	531.	626.
25	0.	589.	665.	526.	638.
26	0.	563.	635.	627.	641.
27	0.	723.	869.	740.	725.
28	0.	951.	974.	752.	615.
29	0.	508.	511.	654.	589.
30	0.	601.	640.	715.	658.
31	0.	582.	527.	622.	656.
32	0.	573.	547.	465.	529.
33	0.	659.	658.	604.	679.
34	0.	438.	441.	475.	590.
35	0.	292.	400.	643.	736.
36	0.	485.	521.	479.	635.

RING DISTANCES(KM)= 3.00 3.50 4.00 4.50 5.00

STACK # 1--TECO 1&2 75% 35T/H SO2
STACK # 2--TECO 3 75% 35T/H SO2

STACK	MONTH	EMISSION RATE (GMS/SEC)	HEIGHT (METERS)	DIAMETER (METERS)	EXIT VELOCITY (M/SEC)	TEMP (DEG.K)	VOLUMETRIC FLOW (M**3/SEC)
1	ALL	4374.2500	149.40	7.32	23.00	412.00	967.92
2	ALL	2240.7600	149.40	7.32	11.20	404.00	471.33

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.7667E-04 DIRECTION= 9 DISTANCE= 3.5 KM DAY=128

YEAR= 71

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	7.7828E-05 (229)	7.0225E-05 (236)	6.4343E-05 (236)	6.2575E-05 (113)	6.0612E-05 (113)
2	9.1935E-05 (113)	9.1494E-05 (331)	9.6617E-05 (331)	9.7559E-05 (331)	9.5848E-05 (331)
3	8.6923E-05 (234)	9.1605E-05 (205)	9.2056E-05 (205)	8.9301E-05 (205)	8.4941E-05 (205)
4	7.7376E-05 (205)	8.6574E-05 (205)	8.8114E-05 (234)	7.8679E-05 (234)	7.1658E-05 (127)
5	8.2888E-05 (200)	7.9039E-05 (288)	7.3234E-05 (288)	7.5715E-05 (234)	6.8748E-05 (234)
6	9.0413E-05 (159)	9.3335E-05 (159)	9.1367E-05 (206)	7.8945E-05 (206)	6.8389E-05 (206)
7	9.7893E-05 (207)	9.5849E-05 (207)	9.0139E-05 (207)	8.3391E-05 (207)	7.9979E-05 (280)
8	9.6268E-05 (128)	9.4749E-05 (139)	9.3585E-05 (230)	9.0452E-05 (139)	8.4965E-05 (139)
9	1.7566E-04 (128)	1.7667E-04 (128)	1.7000E-04 (128)	1.5677E-04 (220)	1.4688E-04 (167)
10	1.2282E-04 (220)	1.2317E-04 (220)	1.1759E-04 (220)	1.1617E-04 (161)	1.1462E-04 (161)
11	6.6966E-05 (198)	7.2530E-05 (196)	7.7190E-05 (196)	7.7762E-05 (196)	7.5864E-05 (196)
12	7.8635E-05 (136)	9.5438E-05 (136)	1.0404E-04 (136)	9.7143E-05 (198)	8.5834E-05 (198)
13	6.5759E-05 (141)	7.1440E-05 (141)	7.2129E-05 (141)	7.0179E-05 (141)	6.7446E-05 (123)
14	5.2773E-05 (222)	6.0061E-05 (222)	6.3062E-05 (222)	6.2984E-05 (222)	6.1003E-05 (222)
15	6.0976E-05 (121)	6.3027E-05 (121)	6.3875E-05 (221)	6.7993E-05 (221)	6.8918E-05 (221)
16	5.9213E-05 (169)	6.2519E-05 (169)	6.2924E-05 (169)	6.5037E-05 (124)	6.4906E-05 (124)
17	4.7994E-05 (99)	4.8118E-05 (99)	4.8741E-05 (169)	4.8674E-05 (169)	4.7293E-05 (169)
18	5.9726E-05 (99)	6.2129E-05 (99)	6.2801E-05 (316)	6.6333E-05 (316)	6.6770E-05 (316)
19	4.3634E-05 (257)	4.2671E-05 (221)	4.4669E-05 (316)	4.6803E-05 (316)	4.7138E-05 (316)
20	4.2157E-05 (18)	4.2820E-05 (99)	4.2560E-05 (18)	3.9519E-05 (18)	3.6635E-05 (46)
21	7.9681E-05 (137)	7.0433E-05 (263)	6.9945E-05 (312)	7.2356E-05 (311)	7.1737E-05 (311)
22	7.8895E-05 (47)	8.2978E-05 (47)	8.1135E-05 (47)	7.6742E-05 (47)	7.1688E-05 (47)
23	8.9616E-05 (68)	9.3847E-05 (270)	9.0778E-05 (156)	7.9816E-05 (156)	7.6166E-05 (272)
24	1.1163E-04 (90)	1.1914E-04 (90)	1.1375E-04 (156)	1.0461E-04 (156)	9.5383E-05 (156)
25	7.1214E-05 (90)	7.8423E-05 (90)	8.0264E-05 (90)	7.8592E-05 (90)	7.6573E-05 (285)
26	5.6356E-05 (101)	6.4403E-05 (267)	7.2754E-05 (267)	7.3946E-05 (156)	7.1701E-05 (48)
27	1.0038E-04 (190)	1.1631E-04 (190)	1.2321E-04 (190)	1.2420E-04 (190)	1.2181E-04 (190)
28	1.0747E-04 (101)	1.1528E-04 (101)	1.1646E-04 (101)	1.1365E-04 (101)	1.0869E-04 (101)
29	7.8312E-05 (138)	7.6452E-05 (247)	8.5586E-05 (247)	9.0713E-05 (214)	9.2086E-05 (214)
30	8.7601E-05 (182)	8.3650E-05 (182)	8.1419E-05 (210)	8.7517E-05 (210)	8.9716E-05 (210)
31	5.3694E-05 (182)	6.4612E-05 (278)	7.2495E-05 (143)	7.1625E-05 (143)	6.8586E-05 (143)
32	8.3769E-05 (2)	9.0146E-05 (2)	9.0660E-05 (2)	8.7886E-05 (2)	8.3497E-05 (2)
33	8.4451E-05 (91)	9.5843E-05 (230)	9.3243E-05 (363)	1.0040E-04 (363)	1.0278E-04 (363)
34	8.8613E-05 (187)	1.0902E-04 (187)	1.1296E-04 (259)	1.0755E-04 (259)	1.0052E-04 (259)
35	1.0469E-04 (211)	9.8226E-05 (211)	8.9155E-05 (211)	7.9755E-05 (211)	7.0988E-05 (211)
36	1.1619E-04 (260)	1.0739E-04 (260)	9.7460E-05 (260)	8.8229E-05 (260)	8.0162E-05 (260)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 8.7313E-04 DIRECTION= 9 DISTANCE= 3.0 KM DAY=220 TIME PERIOD= 5

YEAR= 71

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	4.5595E-04 (229, 4)	4.3338E-04 (92, 4)	3.9706E-04 (229, 4)	3.6439E-04 (229, 4)	3.3404E-04 (229, 4)
2	4.8554E-04 (184, 4)	5.0307E-04 (184, 4)	5.0893E-04 (73, 4)	5.0435E-04 (25, 4)	4.9881E-04 (331, 4)
3	6.0174E-04 (219, 5)	5.3737E-04 (219, 5)	4.6574E-04 (219, 5)	4.3913E-04 (331, 4)	4.4863E-04 (331, 4)
4	4.5883E-04 (238, 4)	4.8778E-04 (163, 4)	5.2162E-04 (127, 4)	5.5254E-04 (234, 4)	5.0119E-04 (234, 4)
5	6.6309E-04 (200, 4)	6.1160E-04 (240, 5)	5.4918E-04 (240, 5)	4.9023E-04 (219, 6)	5.0480E-04 (219, 6)
6	6.4213E-04 (206, 5)	5.7798E-04 (206, 5)	5.2547E-04 (159, 4)	5.1115E-04 (200, 4)	4.5438E-04 (200, 4)
7	5.1513E-04 (207, 5)	5.1792E-04 (207, 5)	4.9663E-04 (207, 5)	4.6606E-04 (21, 5)	4.7139E-04 (21, 5)
8	6.4251E-04 (262, 5)	6.2773E-04 (262, 5)	5.7771E-04 (262, 5)	5.4608E-04 (160, 4)	5.5717E-04 (232, 5)
9	8.7313E-04 (220, 5)	8.5289E-04 (220, 5)	7.9920E-04 (178, 4)	7.6328E-04 (362, 5)	7.1241E-04 (238, 5)
10	5.7586E-04 (168, 4)	6.6979E-04 (168, 4)	7.0404E-04 (168, 4)	6.7052E-04 (204, 5)	6.2278E-04 (204, 5)
11	4.5796E-04 (192, 5)	4.7777E-04 (204, 5)	4.6996E-04 (192, 5)	4.4612E-04 (192, 5)	4.1552E-04 (192, 5)
12	4.8342E-04 (257, 4)	4.9989E-04 (136, 4)	5.4236E-04 (198, 4)	4.7758E-04 (198, 4)	4.4587E-04 (317, 4)
13	3.5643E-04 (198, 3)	3.7560E-04 (198, 3)	4.0419E-04 (136, 4)	4.1200E-04 (136, 4)	4.0462E-04 (136, 4)
14	2.4985E-04 (159, 5)	3.1469E-04 (199, 6)	3.7909E-04 (199, 6)	4.1708E-04 (199, 6)	4.3362E-04 (199, 6)
15	3.7187E-04 (222, 5)	4.3983E-04 (222, 5)	4.6771E-04 (222, 5)	4.8926E-04 (222, 4)	4.5404E-04 (222, 4)
16	3.8370E-04 (262, 4)	4.4327E-04 (124, 6)	4.8946E-04 (124, 6)	4.8623E-04 (169, 4)	4.6742E-04 (169, 4)
17	3.6071E-04 (317, 4)	3.7209E-04 (317, 4)	3.6038E-04 (99, 4)	3.2705E-04 (99, 4)	3.1962E-04 (317, 4)
18	3.7329E-04 (124, 5)	4.1584E-04 (124, 5)	4.2385E-04 (124, 5)	4.1158E-04 (124, 5)	3.8900E-04 (124, 5)
19	3.4865E-04 (221, 4)	3.4126E-04 (221, 4)	3.1486E-04 (221, 4)	3.0473E-04 (316, 5)	3.0972E-04 (316, 5)
20	3.3726E-04 (18, 4)	3.4077E-04 (263, 5)	3.4048E-04 (18, 4)	3.1615E-04 (18, 4)	2.9308E-04 (46, 5)
21	4.6791E-04 (18, 4)	4.9593E-04 (18, 4)	4.8344E-04 (18, 4)	4.5347E-04 (18, 4)	4.1517E-04 (263, 5)
22	4.6369E-04 (142, 5)	4.8590E-04 (263, 5)	4.5415E-04 (263, 5)	4.2382E-04 (263, 5)	3.9509E-04 (263, 5)
23	5.3889E-04 (156, 4)	5.0999E-04 (156, 4)	4.5904E-04 (156, 4)	4.6347E-04 (271, 5)	4.6507E-04 (271, 5)
24	5.1259E-04 (90, 4)	5.2025E-04 (90, 4)	5.0248E-04 (156, 4)	4.7702E-04 (90, 4)	4.4433E-04 (90, 4)
25	4.1343E-04 (55, 5)	4.8122E-04 (137, 4)	5.2732E-04 (137, 4)	5.4031E-04 (137, 4)	5.3207E-04 (137, 4)
26	3.8042E-04 (156, 3)	3.9454E-04 (156, 3)	4.0048E-04 (267, 5)	4.1505E-04 (267, 5)	4.1203E-04 (267, 5)
27	5.3831E-04 (101, 5)	5.5015E-04 (101, 4)	5.1651E-04 (86, 5)	5.0574E-04 (265, 4)	5.0918E-04 (265, 4)
28	5.8059E-04 (101, 5)	6.0079E-04 (101, 5)	5.8833E-04 (101, 5)	5.5819E-04 (101, 5)	5.2006E-04 (101, 5)
29	5.5274E-04 (138, 5)	4.9958E-04 (138, 5)	4.5833E-04 (21, 4)	4.7456E-04 (21, 4)	4.7368E-04 (21, 4)
30	5.4955E-04 (138, 5)	4.8897E-04 (138, 5)	4.8790E-04 (211, 3)	5.3067E-04 (211, 3)	5.5387E-04 (211, 3)
31	3.5141E-04 (182, 4)	3.3573E-04 (218, 4)	3.2623E-04 (362, 4)	3.4763E-04 (278, 4)	3.4165E-04 (278, 4)
32	4.6967E-04 (218, 4)	4.4485E-04 (362, 4)	4.3846E-04 (362, 4)	4.7781E-04 (139, 3)	5.0425E-04 (139, 3)
33	5.8024E-04 (91, 5)	6.6324E-04 (230, 4)	6.4003E-04 (77, 5)	6.5084E-04 (77, 5)	6.3708E-04 (77, 5)
34	5.0342E-04 (187, 4)	6.0693E-04 (259, 4)	6.2833E-04 (259, 4)	6.1934E-04 (259, 4)	5.9357E-04 (259, 4)
35	7.0152E-04 (211, 4)	6.2281E-04 (211, 4)	5.3858E-04 (211, 4)	4.6239E-04 (211, 4)	3.9770E-04 (211, 4)
36	6.6492E-04 (260, 4)	6.3393E-04 (260, 4)	5.8406E-04 (260, 4)	5.3318E-04 (260, 4)	5.4198E-04 (179, 3)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAX3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.8084E-04 DIRECTION= 9 DISTANCE= 4.5 KM DAY=207

YEAR= 72

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	6.7020E-05 (107)	8.0610E-05 (107)	8.6998E-05 (107)	8.8393E-05 (107)	8.6759E-05 (107)
2	7.4851E-05 (57)	9.2868E-05 (57)	1.0233E-04 (57)	1.0538E-04 (57)	1.0431E-04 (57)
3	8.9059E-05 (110)	8.5278E-05 (149)	8.8737E-05 (105)	8.8710E-05 (105)	8.6028E-05 (105)
4	8.6299E-05 (150)	8.1292E-05 (150)	7.3632E-05 (269)	7.4317E-05 (195)	6.7846E-05 (195)
5	1.1997E-04 (211)	1.2089E-04 (211)	1.1862E-04 (211)	1.1439E-04 (261)	1.0489E-04 (261)
6	1.1090E-04 (211)	1.0591E-04 (210)	1.0722E-04 (210)	1.0207E-04 (261)	9.6105E-05 (261)
7	1.1768E-04 (194)	1.1876E-04 (309)	1.1820E-04 (309)	1.1062E-04 (298)	1.0133E-04 (316)
8	1.0780E-04 (220)	1.1317E-04 (220)	1.1219E-04 (220)	1.0972E-04 (53)	1.0513E-04 (53)
9	1.7728E-04 (124)	1.7659E-04 (124)	1.7818E-04 (207)	1.8084E-04 (207)	1.7925E-04 (207)
10	1.5386E-04 (242)	1.4835E-04 (242)	1.3876E-04 (242)	1.3683E-04 (181)	1.3331E-04 (181)
11	8.1992E-05 (131)	8.7695E-05 (131)	8.8079E-05 (131)	8.5212E-05 (131)	8.0604E-05 (131)
12	5.0102E-05 (143)	5.5283E-05 (231)	6.1181E-05 (231)	6.3274E-05 (231)	6.2813E-05 (231)
13	4.6296E-05 (116)	5.3170E-05 (116)	5.5903E-05 (116)	5.5962E-05 (116)	5.4512E-05 (116)
14	4.2908E-05 (146)	4.8609E-05 (146)	5.0117E-05 (146)	4.9032E-05 (146)	4.9122E-05 (102)
15	3.8266E-05 (198)	4.3071E-05 (146)	4.6839E-05 (146)	4.7120E-05 (362)	4.5433E-05 (362)
16	3.2051E-05 (240)	3.2782E-05 (322)	3.9627E-05 (322)	4.3822E-05 (322)	4.5944E-05 (322)
17	3.1443E-05 (193)	3.5578E-05 (193)	3.6166E-05 (193)	3.8131E-05 (326)	4.3667E-05 (326)
18	5.4201E-05 (247)	5.9217E-05 (193)	6.1198E-05 (193)	5.9664E-05 (193)	5.6485E-05 (193)
19	5.5902E-05 (189)	5.3620E-05 (189)	4.9991E-05 (189)	4.7291E-05 (252)	4.3803E-05 (239)
20	7.3146E-05 (189)	6.7950E-05 (189)	6.8767E-05 (336)	6.4787E-05 (252)	6.6523E-05 (193)
21	8.7440E-05 (189)	8.0782E-05 (189)	7.2741E-05 (189)	6.6150E-05 (256)	6.4200E-05 (256)
22	5.5002E-05 (252)	6.1492E-05 (256)	6.5764E-05 (256)	6.6036E-05 (256)	6.4890E-05 (288)
23	7.1584E-05 (156)	6.7811E-05 (156)	6.9732E-05 (266)	6.8457E-05 (266)	6.1695E-05 (158)
24	7.7576E-05 (156)	7.2617E-05 (156)	7.2249E-05 (52)	7.8348E-05 (288)	8.2852E-05 (288)
25	9.3925E-05 (265)	1.0363E-04 (265)	1.0575E-04 (265)	1.0318E-04 (265)	9.8107E-05 (265)
26	1.0675E-04 (247)	1.2200E-04 (257)	1.3244E-04 (257)	1.3651E-04 (257)	1.3372E-04 (265)
27	7.6091E-05 (310)	9.0974E-05 (254)	9.2794E-05 (247)	8.8535E-05 (247)	8.3433E-05 (247)
28	7.5594E-05 (231)	8.2931E-05 (231)	8.5988E-05 (339)	8.7144E-05 (339)	8.5868E-05 (339)
29	7.5881E-05 (101)	8.1397E-05 (27)	8.1292E-05 (230)	8.4665E-05 (230)	8.5195E-05 (230)
30	7.2188E-05 (241)	7.6182E-05 (345)	7.9464E-05 (345)	7.9694E-05 (345)	7.8068E-05 (345)
31	7.2700E-05 (212)	7.6684E-05 (241)	8.3363E-05 (241)	8.6549E-05 (332)	8.8563E-05 (241)
32	7.1481E-05 (248)	8.2334E-05 (61)	8.9111E-05 (307)	8.9764E-05 (61)	8.7874E-05 (61)
33	8.4489E-05 (229)	8.5927E-05 (1)	9.8293E-05 (314)	9.6143E-05 (12)	9.8709E-05 (12)
34	6.0053E-05 (54)	6.6257E-05 (54)	6.7053E-05 (314)	6.2845E-05 (314)	5.7939E-05 (314)
35	4.7187E-05 (213)	5.1823E-05 (213)	5.2298E-05 (213)	5.0413E-05 (213)	5.0357E-05 (319)
36	6.2502E-05 (136)	6.3504E-05 (136)	6.2095E-05 (113)	5.9434E-05 (136)	5.6568E-05 (196)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 9.2303E-04 DIRECTION= 9 DISTANCE= 3.5 KM DAY=124 TIME PERIOD= 4

YEAR= 72

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	4.7650E-04 (206, 4)	4.9445E-04 (206, 4)	5.2823E-04 (107, 4)	5.2160E-04 (113, 4)	4.9209E-04 (113, 4)
2	4.0454E-04 (206, 4)	4.5490E-04 (57, 4)	5.0976E-04 (57, 4)	5.3134E-04 (57, 4)	5.3047E-04 (57, 4)
3	5.3024E-04 (135, 5)	5.1393E-04 (110, 5)	5.0753E-04 (135, 5)	4.7471E-04 (135, 5)	4.6165E-04 (149, 5)
4	5.0586E-04 (110, 5)	5.0135E-04 (110, 5)	4.6277E-04 (102, 5)	4.4426E-04 (210, 4)	4.2449E-04 (110, 5)
5	6.4596E-04 (150, 4)	5.9750E-04 (261, 5)	5.5571E-04 (233, 4)	5.1486E-04 (150, 4)	4.8651E-04 (292, 4)
6	6.0042E-04 (261, 5)	5.9828E-04 (261, 5)	5.5465E-04 (194, 4)	5.2870E-04 (85, 4)	5.3713E-04 (85, 4)
7	6.1495E-04 (309, 5)	6.8214E-04 (309, 5)	6.8422E-04 (298, 5)	6.2544E-04 (298, 5)	5.6566E-04 (298, 5)
8	5.5482E-04 (248, 4)	5.5090E-04 (290, 4)	5.6329E-04 (216, 5)	5.5906E-04 (153, 4)	5.5736E-04 (290, 4)
9	9.0652E-04 (124, 4)	9.2303E-04 (124, 4)	8.8932E-04 (124, 4)	8.5531E-04 (183, 4)	8.2264E-04 (183, 4)
10	7.5394E-04 (242, 4)	7.0689E-04 (242, 4)	6.9351E-04 (209, 6)	6.5536E-04 (183, 5)	6.1003E-04 (183, 5)
11	4.1921E-04 (222, 4)	4.0349E-04 (222, 5)	4.3376E-04 (248, 5)	4.2535E-04 (222, 5)	4.0997E-04 (222, 5)
12	3.0793E-04 (97, 5)	3.5573E-04 (97, 5)	3.9729E-04 (250, 4)	4.1894E-04 (250, 4)	4.2042E-04 (250, 4)
13	3.4665E-04 (23, 5)	3.4959E-04 (146, 5)	3.4099E-04 (146, 5)	3.2048E-04 (146, 5)	3.3152E-04 (226, 6)
14	3.3101E-04 (289, 4)	3.5867E-04 (282, 4)	3.5728E-04 (102, 4)	3.8252E-04 (102, 4)	3.8886E-04 (102, 4)
15	3.0613E-04 (198, 6)	3.0366E-04 (198, 6)	2.8240E-04 (198, 6)	2.7328E-04 (109, 6)	2.7636E-04 (109, 6)
16	2.5641E-04 (240, 5)	2.5091E-04 (108, 4)	2.5457E-04 (108, 4)	2.5854E-04 (259, 6)	2.6562E-04 (259, 6)
17	2.5153E-04 (193, 3)	2.8462E-04 (193, 3)	2.8933E-04 (193, 3)	2.7782E-04 (193, 3)	2.8698E-04 (23, 4)
18	3.8466E-04 (260, 4)	3.9492E-04 (260, 4)	4.2842E-04 (326, 4)	4.5977E-04 (326, 4)	4.5183E-04 (193, 3)
19	2.9516E-04 (252, 5)	2.8257E-04 (206, 4)	2.9261E-04 (313, 5)	3.0883E-04 (313, 5)	3.1392E-04 (313, 5)
20	3.3626E-04 (252, 4)	3.1979E-04 (252, 5)	2.9136E-04 (256, 5)	2.7456E-04 (256, 5)	2.9647E-04 (322, 4)
21	3.9991E-04 (250, 5)	4.1686E-04 (359, 4)	4.3285E-04 (359, 4)	4.2268E-04 (359, 4)	4.2244E-04 (288, 5)
22	3.9346E-04 (282, 4)	3.9877E-04 (282, 4)	3.7806E-04 (189, 4)	3.5370E-04 (359, 4)	3.3331E-04 (359, 4)
23	3.6223E-04 (217, 4)	3.5657E-04 (217, 4)	3.4929E-04 (266, 5)	3.6363E-04 (158, 5)	3.3248E-04 (45, 4)
24	5.3438E-04 (186, 4)	4.6731E-04 (186, 4)	4.1615E-04 (186, 4)	3.7577E-04 (186, 4)	3.6710E-04 (52, 4)
25	4.2535E-04 (226, 4)	4.7990E-04 (226, 4)	5.0511E-04 (226, 4)	5.1020E-04 (226, 4)	5.0183E-04 (226, 4)
26	6.0773E-04 (247, 4)	5.4460E-04 (247, 4)	4.7669E-04 (247, 4)	4.3411E-04 (246, 4)	4.4010E-04 (157, 3)
27	5.1842E-04 (247, 4)	4.8660E-04 (247, 4)	4.8006E-04 (257, 4)	4.8045E-04 (257, 4)	4.6714E-04 (257, 4)
28	4.6101E-04 (230, 4)	6.0024E-04 (230, 4)	6.6861E-04 (231, 3)	6.4565E-04 (231, 3)	6.1180E-04 (231, 3)
29	3.6950E-04 (27, 4)	3.7129E-04 (339, 4)	3.5030E-04 (339, 4)	3.4158E-04 (297, 4)	3.3858E-04 (297, 4)
30	5.3882E-04 (228, 3)	5.4849E-04 (241, 4)	5.5133E-04 (345, 4)	5.6342E-04 (1, 4)	5.7238E-04 (1, 4)
31	3.8605E-04 (209, 3)	3.9868E-04 (209, 3)	4.0152E-04 (332, 5)	4.4208E-04 (332, 5)	4.5985E-04 (332, 5)
32	4.1734E-04 (307, 5)	4.6933E-04 (364, 5)	4.7508E-04 (61, 4)	4.8189E-04 (61, 4)	4.7106E-04 (61, 4)
33	4.7411E-04 (248, 4)	5.8603E-04 (1, 5)	6.5810E-04 (229, 4)	6.2128E-04 (229, 4)	5.8158E-04 (229, 4)
34	3.5487E-04 (54, 4)	3.6764E-04 (54, 4)	3.5563E-04 (54, 4)	3.3277E-04 (211, 3)	3.4494E-04 (211, 3)
35	3.7749E-04 (213, 5)	4.1458E-04 (213, 5)	4.1838E-04 (213, 5)	4.0330E-04 (213, 5)	3.7902E-04 (213, 5)
36	5.0002E-04 (136, 4)	5.0803E-04 (136, 4)	4.9639E-04 (136, 4)	4.7546E-04 (136, 4)	4.5110E-04 (136, 4)

PLANT NAME: TECO BIG BEND , POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.5149E-04 DIRECTION= 9 DISTANCE= 3.0 KM DAY=132

YEAR= 73

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	5.8618E-05 (226)	6.1338E-05 (149)	6.1517E-05 (149)	6.1783E-05 (193)	6.4709E-05 (193)
2	7.6958E-05 (147)	7.9716E-05 (147)	8.0408E-05 (159)	8.2430E-05 (71)	8.2413E-05 (159)
3	9.2380E-05 (215)	8.4596E-05 (215)	7.8754E-05 (269)	8.0037E-05 (123)	7.8464E-05 (123)
4	9.2028E-05 (313)	8.5202E-05 (182)	7.8793E-05 (173)	7.5130E-05 (173)	7.1070E-05 (173)
5	1.3357E-04 (192)	1.3550E-04 (313)	1.3928E-04 (313)	1.2852E-04 (182)	1.1835E-04 (182)
6	1.2732E-04 (209)	1.2841E-04 (209)	1.2690E-04 (209)	1.2433E-04 (209)	1.2129E-04 (209)
7	1.3894E-04 (187)	1.3285E-04 (185)	1.2384E-04 (216)	1.1534E-04 (216)	1.0730E-04 (216)
8	1.4025E-04 (236)	1.3160E-04 (236)	1.1969E-04 (187)	1.1451E-04 (253)	1.1326E-04 (253)
9	1.5149E-04 (132)	1.4756E-04 (132)	1.4392E-04 (152)	1.3207E-04 (152)	1.2034E-04 (152)
10	1.0978E-04 (140)	1.1210E-04 (196)	1.1214E-04 (132)	1.0706E-04 (132)	1.0103E-04 (132)
11	8.9100E-05 (169)	8.7384E-05 (208)	8.0346E-05 (263)	8.0271E-05 (169)	7.6170E-05 (169)
12	6.4025E-05 (259)	6.4533E-05 (124)	6.9434E-05 (124)	7.4473E-05 (138)	7.6923E-05 (138)
13	4.0356E-05 (259)	3.6994E-05 (124)	3.9781E-05 (124)	4.0168E-05 (124)	3.9105E-05 (124)
14	5.4613E-05 (103)	5.8805E-05 (169)	6.2067E-05 (169)	6.1888E-05 (169)	5.9720E-05 (169)
15	4.7832E-05 (103)	4.6693E-05 (103)	4.5989E-05 (345)	4.8452E-05 (345)	4.8896E-05 (47)
16	6.6745E-05 (95)	6.2897E-05 (119)	5.5613E-05 (119)	5.1496E-05 (182)	5.4012E-05 (188)
17	5.3379E-05 (95)	5.5915E-05 (95)	5.5655E-05 (95)	5.6823E-05 (119)	5.3783E-05 (53)
18	6.6817E-05 (103)	7.5520E-05 (103)	7.6835E-05 (221)	8.0101E-05 (103)	7.8224E-05 (103)
19	5.5519E-05 (305)	5.9622E-05 (305)	6.2012E-05 (305)	5.9484E-05 (103)	5.6929E-05 (42)
20	8.7171E-05 (183)	8.1781E-05 (183)	7.3209E-05 (183)	6.8615E-05 (305)	6.6664E-05 (305)
21	1.2649E-04 (183)	1.2384E-04 (183)	1.1893E-04 (233)	1.2132E-04 (221)	1.1927E-04 (221)
22	1.0671E-04 (221)	1.0353E-04 (221)	9.8091E-05 (221)	9.1720E-05 (221)	8.6150E-05 (125)
23	1.2336E-04 (191)	1.1330E-04 (191)	1.0418E-04 (191)	9.5804E-05 (191)	8.8407E-05 (191)
24	9.4931E-05 (240)	9.3118E-05 (221)	1.0168E-04 (316)	1.0385E-04 (240)	1.0188E-04 (59)
25	1.0358E-04 (260)	1.1000E-04 (260)	1.1319E-04 (321)	1.2295E-04 (321)	1.2686E-04 (321)
26	1.0508E-04 (260)	1.0663E-04 (154)	1.1926E-04 (82)	1.2601E-04 (82)	1.2761E-04 (82)
27	8.5119E-05 (158)	9.2566E-05 (287)	9.3476E-05 (154)	8.8009E-05 (154)	8.2198E-05 (154)
28	9.9643E-05 (239)	9.3444E-05 (239)	8.6802E-05 (286)	8.9304E-05 (286)	8.5242E-05 (158)
29	9.9159E-05 (238)	9.9255E-05 (238)	1.0066E-04 (249)	1.0065E-04 (239)	9.4187E-05 (239)
30	8.3345E-05 (202)	8.6655E-05 (202)	8.4642E-05 (202)	8.0089E-05 (202)	7.4997E-05 (222)
31	6.2297E-05 (322)	7.1178E-05 (322)	7.4530E-05 (322)	7.4184E-05 (322)	7.1828E-05 (65)
32	1.0848E-04 (157)	1.0204E-04 (224)	9.9959E-05 (322)	9.6567E-05 (322)	9.1419E-05 (322)
33	1.3787E-04 (217)	1.3799E-04 (217)	1.3238E-04 (217)	1.2389E-04 (202)	1.1292E-04 (202)
34	9.3743E-05 (202)	9.5359E-05 (202)	9.1971E-05 (202)	8.6258E-05 (202)	7.9756E-05 (202)
35	8.3195E-05 (177)	8.3262E-05 (177)	7.8983E-05 (177)	7.5334E-05 (115)	7.8934E-05 (115)
36	8.5195E-05 (163)	7.7198E-05 (163)	7.0292E-05 (194)	7.1190E-05 (194)	6.9488E-05 (194)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 7.7732E-04 DIRECTION= 5 DISTANCE= 3.5 KM DAY=313 TIME PERIOD= 4

YEAR= 73

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	3.6057E-04 (160, 4)	3.7911E-04 (39, 4)	4.1080E-04 (226, 4)	3.7611E-04 (226, 4)	3.6318E-04 (150, 4)
2	4.6383E-04 (159, 6)	4.4098E-04 (151, 4)	4.9360E-04 (71, 5)	5.2547E-04 (71, 5)	5.3321E-04 (71, 5)
3	6.0827E-04 (269, 5)	5.9264E-04 (151, 5)	5.1943E-04 (151, 5)	5.0161E-04 (123, 4)	4.9334E-04 (123, 4)
4	5.2125E-04 (182, 4)	4.7311E-04 (182, 4)	4.7623E-04 (194, 4)	4.8135E-04 (194, 4)	4.7792E-04 (194, 4)
5	6.8216E-04 (313, 4)	7.7732E-04 (313, 4)	7.5304E-04 (182, 4)	6.9521E-04 (182, 4)	6.4370E-04 (182, 4)
6	5.7537E-04 (235, 5)	6.0187E-04 (309, 4)	6.1761E-04 (309, 4)	6.0735E-04 (309, 4)	5.8246E-04 (309, 4)
7	6.9877E-04 (209, 4)	6.4975E-04 (209, 4)	5.8853E-04 (209, 4)	5.3553E-04 (219, 4)	5.0768E-04 (219, 4)
8	7.3725E-04 (185, 4)	6.8899E-04 (185, 4)	6.2790E-04 (185, 4)	5.6899E-04 (185, 4)	5.6276E-04 (289, 5)
9	6.3940E-04 (152, 4)	5.9945E-04 (152, 4)	6.6380E-04 (66, 5)	6.4884E-04 (132, 5)	6.0331E-04 (132, 5)
10	5.4675E-04 (140, 4)	5.4343E-04 (140, 4)	5.1728E-04 (140, 4)	4.8264E-04 (303, 4)	4.6245E-04 (196, 5)
11	4.8667E-04 (235, 6)	5.6503E-04 (235, 6)	6.0049E-04 (235, 6)	5.6417E-04 (208, 4)	5.0962E-04 (208, 4)
12	4.1185E-04 (100, 4)	4.4003E-04 (100, 4)	4.3028E-04 (135, 3)	4.1432E-04 (135, 3)	3.9018E-04 (135, 3)
13	2.9129E-04 (103, 5)	2.7703E-04 (259, 4)	2.8776E-04 (135, 3)	2.8764E-04 (135, 3)	2.7986E-04 (135, 3)
14	4.0473E-04 (103, 5)	4.1594E-04 (175, 5)	4.4254E-04 (175, 5)	4.4335E-04 (175, 5)	4.2893E-04 (175, 5)
15	3.8237E-04 (103, 5)	3.7323E-04 (103, 5)	3.5115E-04 (47, 4)	3.7847E-04 (47, 4)	3.9088E-04 (47, 4)
16	3.1431E-04 (95, 5)	2.7871E-04 (95, 5)	2.8348E-04 (188, 4)	2.8486E-04 (124, 3)	3.0124E-04 (124, 3)
17	3.6067E-04 (119, 4)	3.1331E-04 (119, 4)	3.6127E-04 (52, 4)	3.9340E-04 (52, 4)	4.0572E-04 (52, 4)
18	3.7712E-04 (297, 5)	4.6043E-04 (103, 4)	4.6071E-04 (103, 4)	4.6349E-04 (14, 4)	4.8110E-04 (14, 4)
19	3.7551E-04 (305, 4)	4.1488E-04 (42, 5)	4.5278E-04 (42, 5)	4.4396E-04 (103, 4)	4.1402E-04 (268, 5)
20	4.0067E-04 (305, 4)	4.1369E-04 (305, 4)	4.0345E-04 (305, 4)	4.0172E-04 (133, 4)	4.0411E-04 (133, 4)
21	5.8780E-04 (233, 5)	5.9016E-04 (305, 4)	5.3149E-04 (183, 4)	4.7781E-04 (221, 4)	4.4343E-04 (221, 4)
22	6.6730E-04 (78, 4)	6.6003E-04 (233, 4)	5.9215E-04 (233, 4)	5.4021E-04 (125, 4)	5.0906E-04 (125, 4)
23	5.4606E-04 (221, 5)	4.7907E-04 (221, 5)	4.1740E-04 (221, 5)	4.2076E-04 (102, 4)	4.3808E-04 (102, 4)
24	3.9675E-04 (191, 4)	4.3820E-04 (310, 4)	4.7568E-04 (310, 4)	4.8666E-04 (310, 4)	4.8216E-04 (310, 4)
25	4.7809E-04 (352, 4)	5.3462E-04 (352, 4)	5.5329E-04 (352, 4)	5.4754E-04 (352, 4)	5.2847E-04 (352, 4)
26	4.0393E-04 (154, 5)	4.6239E-04 (82, 5)	5.1017E-04 (82, 5)	5.3018E-04 (82, 5)	5.2994E-04 (82, 5)
27	4.7421E-04 (242, 5)	5.2070E-04 (242, 5)	4.8129E-04 (317, 4)	4.9413E-04 (317, 4)	4.7695E-04 (242, 5)
28	5.5781E-04 (238, 4)	5.3232E-04 (191, 3)	5.1625E-04 (191, 3)	4.8306E-04 (191, 3)	4.4647E-04 (191, 3)
29	3.9578E-04 (158, 4)	4.5251E-04 (238, 3)	4.5198E-04 (238, 3)	4.7689E-04 (318, 4)	4.8555E-04 (318, 4)
30	4.8894E-04 (222, 4)	5.2141E-04 (106, 4)	5.1399E-04 (171, 4)	5.0833E-04 (121, 5)	4.9199E-04 (121, 5)
31	4.8709E-04 (112, 4)	5.3552E-04 (112, 4)	5.4223E-04 (112, 4)	5.2569E-04 (112, 4)	4.9804E-04 (112, 4)
32	5.3111E-04 (322, 5)	5.2184E-04 (269, 4)	5.1785E-04 (329, 4)	5.7619E-04 (157, 4)	5.3469E-04 (157, 4)
33	6.2518E-04 (224, 5)	5.9011E-04 (202, 5)	5.2533E-04 (202, 5)	5.3382E-04 (217, 4)	4.9524E-04 (61, 5)
34	5.2639E-04 (217, 3)	5.3054E-04 (217, 3)	5.2714E-04 (217, 4)	4.8410E-04 (217, 4)	4.4344E-04 (217, 4)
35	4.1820E-04 (217, 3)	4.7647E-04 (252, 4)	4.6085E-04 (252, 4)	4.3022E-04 (252, 4)	3.9670E-04 (252, 4)
36	4.6793E-04 (226, 4)	4.5994E-04 (226, 4)	4.2802E-04 (226, 4)	3.9060E-04 (226, 4)	3.5561E-04 (226, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MM3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.7682E-04 DIRECTION= 9 DISTANCE= 4.5 KM DAY=230

YEAR= 74

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	7.6098E-05 (242)	7.0112E-05 (228)	6.7272E-05 (228)	6.2556E-05 (228)	5.7638E-05 (228)
2	7.5910E-05 (127)	8.4095E-05 (127)	8.6456E-05 (127)	8.2191E-05 (207)	7.4295E-05 (207)
3	7.1511E-05 (152)	7.0055E-05 (166)	6.4663E-05 (166)	5.8310E-05 (103)	5.2460E-05 (207)
4	8.0495E-05 (158)	8.8028E-05 (90)	9.2091E-05 (90)	8.8890E-05 (229)	8.4006E-05 (229)
5	8.7471E-05 (234)	8.1201E-05 (188)	8.8216E-05 (157)	8.3705E-05 (158)	7.5758E-05 (158)
6	1.1998E-04 (129)	1.1254E-04 (129)	1.0067E-04 (151)	8.9130E-05 (200)	7.9463E-05 (129)
7	1.1979E-04 (200)	1.1646E-04 (200)	1.0836E-04 (200)	9.9107E-05 (200)	9.0394E-05 (200)
8	1.1236E-04 (196)	1.0734E-04 (196)	9.7576E-05 (196)	9.7679E-05 (163)	9.7587E-05 (163)
9	1.4042E-04 (230)	1.6585E-04 (230)	1.7634E-04 (230)	1.7682E-04 (230)	1.7145E-04 (230)
10	1.0849E-04 (121)	1.1738E-04 (192)	1.2019E-04 (192)	1.1752E-04 (192)	1.1216E-04 (192)
11	8.4849E-05 (200)	9.1008E-05 (200)	9.1441E-05 (200)	8.8385E-05 (200)	8.3499E-05 (200)
12	6.2023E-05 (200)	7.2131E-05 (200)	7.6401E-05 (200)	7.6592E-05 (200)	7.4298E-05 (200)
13	5.6519E-05 (167)	4.9198E-05 (211)	4.3644E-05 (211)	3.9286E-05 (211)	3.7738E-05 (222)
14	3.4449E-05 (211)	2.9846E-05 (222)	3.4718E-05 (222)	3.7121E-05 (222)	3.7690E-05 (222)
15	3.6518E-05 (99)	4.1351E-05 (265)	3.8492E-05 (96)	3.9306E-05 (96)	4.0120E-05 (96)
16	6.5807E-05 (282)	6.8229E-05 (291)	7.8517E-05 (291)	8.2216E-05 (338)	8.1547E-05 (338)
17	6.1019E-05 (234)	5.9646E-05 (282)	5.6080E-05 (282)	5.1069E-05 (282)	4.6111E-05 (317)
18	6.9270E-05 (108)	6.8210E-05 (108)	6.7661E-05 (332)	6.9123E-05 (332)	6.8068E-05 (332)
19	5.1452E-05 (311)	5.5161E-05 (311)	5.7651E-05 (121)	5.7957E-05 (332)	5.6715E-05 (332)
20	6.5945E-05 (273)	7.0326E-05 (273)	7.3407E-05 (281)	7.4159E-05 (281)	7.2450E-05 (281)
21	7.4366E-05 (264)	8.1211E-05 (264)	8.4055E-05 (264)	8.5097E-05 (263)	8.7733E-05 (265)
22	7.6434E-05 (172)	7.6859E-05 (169)	7.6448E-05 (293)	7.8367E-05 (293)	7.7316E-05 (293)
23	8.4615E-05 (306)	9.5876E-05 (306)	9.6741E-05 (298)	9.8919E-05 (298)	9.5658E-05 (306)
24	1.1125E-04 (284)	1.4516E-04 (284)	1.6650E-04 (284)	1.7191E-04 (286)	1.6482E-04 (286)
25	1.1724E-04 (307)	1.2156E-04 (305)	1.1852E-04 (305)	1.1470E-04 (110)	1.0900E-04 (110)
26	1.3927E-04 (305)	1.3551E-04 (110)	1.2726E-04 (110)	1.1803E-04 (110)	1.0881E-04 (110)
27	1.3823E-04 (110)	1.3326E-04 (110)	1.2431E-04 (110)	1.2106E-04 (116)	1.0964E-04 (116)
28	9.6781E-05 (172)	9.4165E-05 (172)	9.4841E-05 (236)	8.7885E-05 (116)	8.6277E-05 (2)
29	7.2938E-05 (221)	7.0183E-05 (225)	7.6397E-05 (240)	7.0000E-05 (240)	6.8136E-05 (118)
30	7.6827E-05 (67)	8.1001E-05 (237)	8.5526E-05 (237)	8.4014E-05 (67)	7.9655E-05 (67)
31	9.7310E-05 (237)	9.5313E-05 (245)	1.0021E-04 (245)	1.0150E-04 (136)	1.0380E-04 (215)
32	8.1683E-05 (234)	8.6461E-05 (64)	8.8491E-05 (63)	8.9396E-05 (63)	8.6994E-05 (63)
33	1.0515E-04 (97)	1.0158E-04 (97)	9.5185E-05 (97)	8.7768E-05 (97)	8.2430E-05 (63)
34	8.9715E-05 (199)	8.7462E-05 (199)	8.4373E-05 (236)	7.9526E-05 (236)	7.3702E-05 (236)
35	9.0421E-05 (159)	7.9498E-05 (159)	7.0666E-05 (221)	6.4338E-05 (164)	6.2353E-05 (164)
36	6.8986E-05 (221)	6.7113E-05 (210)	7.1385E-05 (210)	6.2690E-05 (242)	6.4113E-05 (33)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MA**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 7.2594E-04 DIRECTION= 24 DISTANCE= 4.0 KM DAY=306 TIME PERIOD= 4

YEAR= 74

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	4.7366E-04 (98, 5)	5.1014E-04 (98, 5)	5.1001E-04 (98, 5)	4.9093E-04 (98, 5)	4.6110E-04 (228, 4)
2	5.1702E-04 (310, 4)	5.0644E-04 (310, 4)	4.6853E-04 (127, 4)	4.5375E-04 (127, 4)	4.3146E-04 (127, 4)
3	3.7829E-04 (103, 5)	4.0590E-04 (207, 4)	3.5429E-04 (250, 5)	3.3059E-04 (250, 5)	3.1627E-04 (127, 4)
4	6.1497E-04 (90, 5)	6.6224E-04 (229, 4)	6.4018E-04 (229, 4)	6.0149E-04 (229, 4)	5.5810E-04 (229, 4)
5	6.0015E-04 (188, 4)	6.2602E-04 (234, 5)	5.7933E-04 (157, 4)	5.5269E-04 (188, 4)	5.0443E-04 (188, 4)
6	6.6295E-04 (188, 4)	6.5879E-04 (188, 4)	6.2098E-04 (188, 4)	5.7484E-04 (200, 4)	5.3644E-04 (9, 5)
7	5.0639E-04 (226, 5)	5.8706E-04 (205, 5)	5.2303E-04 (200, 3)	4.8840E-04 (200, 3)	4.8186E-04 (146, 4)
8	6.5262E-04 (223, 5)	6.0671E-04 (196, 4)	5.4370E-04 (148, 4)	5.5052E-04 (145, 4)	5.3735E-04 (145, 4)
9	6.6394E-04 (243, 5)	6.6479E-04 (151, 4)	6.2052E-04 (64, 5)	6.3801E-04 (64, 5)	6.2948E-04 (64, 5)
10	5.6976E-04 (247, 5)	5.5061E-04 (121, 4)	5.8288E-04 (211, 5)	5.7340E-04 (211, 5)	5.6246E-04 (173, 6)
11	5.7113E-04 (223, 4)	4.9803E-04 (223, 4)	4.5981E-04 (200, 5)	4.4365E-04 (228, 6)	4.3923E-04 (228, 6)
12	3.5637E-04 (195, 5)	4.0054E-04 (167, 5)	3.6643E-04 (167, 5)	3.5758E-04 (167, 3)	3.6003E-04 (167, 3)
13	3.3580E-04 (237, 5)	3.0473E-04 (167, 3)	3.0108E-04 (167, 3)	2.9052E-04 (167, 3)	2.9154E-04 (257, 6)
14	2.6172E-04 (99, 5)	2.3573E-04 (211, 4)	2.3786E-04 (99, 4)	2.4498E-04 (99, 4)	2.4461E-04 (226, 6)
15	2.8147E-04 (364, 5)	3.0290E-04 (364, 5)	3.0038E-04 (364, 5)	2.8766E-04 (364, 5)	2.7204E-04 (364, 5)
16	3.4609E-04 (282, 4)	3.2462E-04 (282, 4)	2.9142E-04 (282, 4)	2.7142E-04 (181, 5)	2.8962E-04 (338, 4)
17	3.1954E-04 (41, 5)	3.4567E-04 (338, 4)	3.8007E-04 (234, 4)	3.4319E-04 (234, 4)	3.6787E-04 (317, 5)
18	3.5589E-04 (211, 4)	4.0115E-04 (332, 4)	4.3728E-04 (332, 4)	4.4609E-04 (332, 4)	4.3761E-04 (332, 4)
19	2.8392E-04 (108, 5)	3.3188E-04 (121, 4)	3.8246E-04 (121, 4)	4.0557E-04 (364, 5)	4.0765E-04 (121, 4)
20	4.3747E-04 (114, 4)	4.4652E-04 (282, 4)	4.3513E-04 (114, 4)	4.1336E-04 (114, 4)	4.1079E-04 (282, 5)
21	4.8047E-04 (273, 4)	5.1008E-04 (265, 4)	5.2724E-04 (54, 4)	5.4333E-04 (281, 4)	5.4008E-04 (54, 4)
22	6.0674E-04 (265, 4)	5.6781E-04 (172, 4)	5.2016E-04 (172, 4)	4.9502E-04 (254, 6)	4.9566E-04 (254, 6)
23	4.9964E-04 (233, 4)	4.8422E-04 (171, 6)	4.8513E-04 (171, 6)	4.7023E-04 (171, 6)	4.4659E-04 (171, 6)
24	6.2862E-04 (286, 5)	7.0677E-04 (297, 4)	7.2594E-04 (306, 4)	7.1838E-04 (284, 4)	7.1530E-04 (284, 4)
25	6.7538E-04 (110, 5)	6.6033E-04 (286, 5)	5.9031E-04 (305, 4)	5.7430E-04 (305, 4)	5.4934E-04 (305, 4)
26	5.7500E-04 (110, 4)	5.0533E-04 (110, 4)	4.4032E-04 (109, 4)	4.2139E-04 (109, 4)	4.0456E-04 (303, 4)
27	6.8745E-04 (170, 4)	7.0958E-04 (170, 4)	6.8714E-04 (170, 4)	6.3346E-04 (110, 4)	5.6015E-04 (110, 4)
28	4.8487E-04 (227, 4)	4.2733E-04 (227, 4)	4.1755E-04 (236, 3)	4.4130E-04 (165, 4)	4.1725E-04 (195, 3)
29	5.8351E-04 (221, 4)	5.5859E-04 (221, 4)	5.2559E-04 (221, 4)	4.8972E-04 (221, 4)	4.6174E-04 (225, 4)
30	5.4673E-04 (238, 4)	5.7122E-04 (238, 4)	5.5337E-04 (238, 4)	5.1050E-04 (240, 4)	4.6494E-04 (240, 4)
31	6.1894E-04 (243, 4)	5.7750E-04 (243, 4)	5.4846E-04 (238, 4)	5.2942E-04 (237, 4)	4.9774E-04 (219, 4)
32	5.4294E-04 (243, 4)	6.7086E-04 (65, 4)	6.8789E-04 (64, 4)	6.6118E-04 (64, 4)	6.2477E-04 (64, 4)
33	4.7216E-04 (226, 4)	4.9153E-04 (62, 4)	5.4480E-04 (97, 5)	5.1159E-04 (135, 3)	5.2580E-04 (135, 3)
34	5.9076E-04 (159, 4)	6.1416E-04 (159, 4)	6.0342E-04 (199, 4)	5.3712E-04 (199, 4)	4.7532E-04 (199, 4)
35	5.2554E-04 (221, 3)	4.9172E-04 (236, 5)	4.6922E-04 (236, 5)	4.3788E-04 (321, 5)	4.1072E-04 (242, 4)
36	4.5310E-04 (144, 3)	4.6270E-04 (144, 3)	4.5828E-04 (93, 4)	4.8305E-04 (33, 4)	5.0025E-04 (33, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.5425E-04 DIRECTION= 27 DISTANCE= 3.5 KM DAY=248

YEAR= 75

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	8.2763E-05 (120)	7.2331E-05 (120)	6.9099E-05 (66)	6.8363E-05 (66)	6.5779E-05 (66)
2	1.1130E-04 (92)	1.0780E-04 (92)	1.0113E-04 (91)	9.9305E-05 (91)	9.8200E-05 (19)
3	9.4203E-05 (135)	1.0821E-04 (118)	1.1193E-04 (118)	1.0974E-04 (118)	1.0438E-04 (118)
4	9.7095E-05 (122)	9.6420E-05 (161)	9.7450E-05 (24)	9.8292E-05 (24)	9.5898E-05 (24)
5	1.1179E-04 (137)	1.2742E-04 (161)	1.1769E-04 (161)	1.0706E-04 (161)	9.6812E-05 (161)
6	9.9843E-05 (181)	9.2714E-05 (146)	8.1512E-05 (146)	7.4203E-05 (208)	7.2553E-05 (208)
7	1.2983E-04 (178)	1.2040E-04 (178)	1.0839E-04 (178)	9.6505E-05 (178)	8.5741E-05 (178)
8	1.3301E-04 (189)	1.2722E-04 (185)	1.1709E-04 (185)	1.0631E-04 (185)	9.6065E-05 (185)
9	1.5070E-04 (179)	1.4681E-04 (179)	1.4023E-04 (189)	1.3811E-04 (189)	1.3300E-04 (189)
10	1.1277E-04 (179)	1.0665E-04 (156)	1.0280E-04 (156)	9.3875E-05 (166)	8.4120E-05 (166)
11	7.2460E-05 (140)	7.2376E-05 (155)	6.9239E-05 (170)	7.0488E-05 (170)	6.9030E-05 (170)
12	5.1310E-05 (231)	5.1570E-05 (231)	5.0583E-05 (180)	5.5044E-05 (224)	5.7106E-05 (224)
13	9.2403E-05 (226)	9.0424E-05 (226)	8.6210E-05 (230)	8.6333E-05 (230)	8.4503E-05 (230)
14	7.8156E-05 (244)	8.1376E-05 (244)	7.9603E-05 (244)	7.5597E-05 (244)	7.0800E-05 (244)
15	6.3978E-05 (177)	5.5948E-05 (177)	4.9823E-05 (177)	4.7414E-05 (226)	5.1558E-05 (243)
16	6.5052E-05 (95)	6.8119E-05 (95)	6.8035E-05 (95)	6.2889E-05 (244)	5.7623E-05 (244)
17	5.6558E-05 (105)	6.6052E-05 (105)	6.9751E-05 (105)	6.9593E-05 (105)	6.7187E-05 (105)
18	4.7507E-05 (326)	5.1637E-05 (96)	5.5709E-05 (96)	5.6401E-05 (96)	5.5738E-05 (361)
19	4.3331E-05 (94)	4.0048E-05 (143)	3.5268E-05 (143)	3.3906E-05 (300)	3.2677E-05 (300)
20	7.0092E-05 (293)	7.7079E-05 (106)	7.1574E-05 (106)	6.8135E-05 (94)	6.7092E-05 (94)
21	7.2061E-05 (106)	8.0615E-05 (14)	8.5909E-05 (14)	8.7295E-05 (14)	8.6239E-05 (14)
22	9.9760E-05 (176)	1.0169E-04 (176)	1.0324E-04 (176)	1.0398E-04 (176)	1.0379E-04 (176)
23	8.0832E-05 (85)	9.4128E-05 (175)	9.8348E-05 (175)	9.7644E-05 (175)	9.4217E-05 (175)
24	6.2081E-05 (142)	6.8540E-05 (332)	6.7686E-05 (285)	7.1602E-05 (285)	7.2142E-05 (285)
25	8.3784E-05 (97)	8.4223E-05 (142)	9.0157E-05 (142)	9.1596E-05 (142)	9.0079E-05 (142)
26	1.1500E-04 (253)	1.4080E-04 (247)	1.3489E-04 (247)	1.2603E-04 (247)	1.1635E-04 (247)
27	1.5296E-04 (248)	1.5425E-04 (248)	1.4861E-04 (248)	1.3968E-04 (248)	1.2960E-04 (248)
28	1.0763E-04 (250)	1.0877E-04 (250)	9.9617E-05 (184)	8.7335E-05 (330)	8.7600E-05 (330)
29	8.8188E-05 (250)	8.3528E-05 (250)	8.0588E-05 (251)	7.9248E-05 (251)	7.5935E-05 (251)
30	1.0132E-04 (219)	1.0715E-04 (219)	1.0583E-04 (217)	9.7931E-05 (217)	9.1027E-05 (143)
31	6.2401E-05 (114)	6.0703E-05 (215)	6.5733E-05 (222)	7.1267E-05 (222)	7.4170E-05 (222)
32	8.3095E-05 (242)	8.1283E-05 (161)	8.9107E-05 (161)	9.3644E-05 (161)	9.5384E-05 (161)
33	8.7245E-05 (242)	8.1781E-05 (198)	8.0821E-05 (242)	7.7191E-05 (242)	7.3502E-05 (242)
34	8.4798E-05 (216)	8.1731E-05 (216)	7.5012E-05 (216)	6.7630E-05 (216)	6.4680E-05 (198)
35	7.0438E-05 (147)	6.7820E-05 (147)	6.7117E-05 (169)	6.6289E-05 (169)	6.5032E-05 (334)
36	6.0910E-05 (205)	7.3080E-05 (351)	8.4122E-05 (351)	9.0178E-05 (351)	9.2729E-05 (351)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 7.4064E-04 DIRECTION= 9 DISTANCE= 3.5 KM DAY=225 TIME PERIOD= 4

YEAR= 75

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	6.6210E-04 (120, 4)	5.7865E-04 (120, 4)	5.4449E-04 (82, 4)	5.1779E-04 (99, 5)	4.5431E-04 (99, 5)
2	5.3510E-04 (92, 5)	5.9676E-04 (91, 5)	6.1724E-04 (91, 5)	6.0585E-04 (91, 5)	5.7720E-04 (91, 5)
3	6.0193E-04 (216, 5)	6.1241E-04 (203, 4)	5.6774E-04 (203, 4)	5.3989E-04 (100, 5)	5.3201E-04 (100, 5)
4	4.9642E-04 (109, 5)	5.7930E-04 (109, 5)	5.4850E-04 (203, 4)	5.0909E-04 (130, 5)	4.9607E-04 (130, 5)
5	6.7406E-04 (132, 4)	5.9034E-04 (132, 4)	5.3416E-04 (161, 4)	5.6523E-04 (137, 4)	5.5806E-04 (186, 3)
6	6.9288E-04 (146, 4)	6.3207E-04 (146, 4)	5.5618E-04 (146, 4)	4.8302E-04 (146, 4)	4.1849E-04 (146, 4)
7	6.5714E-04 (181, 5)	6.2398E-04 (181, 5)	6.3332E-04 (80, 5)	6.5136E-04 (80, 5)	6.4306E-04 (80, 5)
8	6.4689E-04 (185, 4)	5.8314E-04 (185, 4)	5.1776E-04 (185, 4)	4.7648E-04 (65, 5)	4.6167E-04 (31, 5)
9	7.3029E-04 (166, 5)	7.4064E-04 (225, 4)	6.7729E-04 (227, 5)	6.0564E-04 (227, 5)	5.8090E-04 (125, 4)
10	5.2021E-04 (180, 4)	4.9560E-04 (115, 5)	4.8014E-04 (115, 5)	4.7179E-04 (44, 4)	4.7208E-04 (134, 6)
11	4.5555E-04 (126, 5)	4.5904E-04 (177, 5)	4.0857E-04 (177, 5)	4.2234E-04 (126, 5)	3.9210E-04 (126, 5)
12	3.4328E-04 (140, 6)	3.7543E-04 (140, 6)	3.8183E-04 (140, 6)	3.7271E-04 (140, 6)	3.5540E-04 (140, 6)
13	4.0588E-04 (226, 4)	4.1391E-04 (226, 4)	3.9676E-04 (226, 4)	3.7118E-04 (226, 4)	3.7149E-04 (291, 4)
14	4.5995E-04 (244, 5)	4.8508E-04 (244, 5)	4.8004E-04 (244, 5)	4.6048E-04 (244, 5)	4.3498E-04 (244, 5)
15	3.4702E-04 (297, 4)	3.2774E-04 (297, 4)	3.1806E-04 (244, 4)	3.5909E-04 (177, 4)	3.2854E-04 (177, 4)
16	3.5607E-04 (144, 4)	3.2625E-04 (65, 4)	3.2193E-04 (105, 4)	3.1215E-04 (105, 4)	2.9846E-04 (105, 4)
17	4.0844E-04 (105, 5)	4.4983E-04 (95, 4)	4.3620E-04 (95, 4)	4.1592E-04 (95, 4)	3.9276E-04 (95, 4)
18	3.3651E-04 (79, 4)	3.4322E-04 (143, 6)	3.3093E-04 (185, 4)	3.4889E-04 (185, 4)	3.5351E-04 (185, 4)
19	2.1801E-04 (228, 6)	2.5754E-04 (300, 4)	2.7281E-04 (300, 4)	2.7125E-04 (300, 4)	2.6141E-04 (300, 4)
20	3.8976E-04 (143, 4)	3.7065E-04 (65, 4)	3.7652E-04 (65, 4)	4.0327E-04 (57, 4)	4.2286E-04 (57, 4)
21	5.2383E-04 (56, 4)	5.7281E-04 (56, 4)	5.8461E-04 (56, 4)	5.7515E-04 (56, 4)	5.5452E-04 (56, 4)
22	4.5222E-04 (141, 4)	4.6838E-04 (141, 4)	4.5555E-04 (141, 4)	4.2865E-04 (141, 4)	3.9809E-04 (353, 5)
23	5.2540E-04 (176, 4)	5.7653E-04 (85, 5)	6.2314E-04 (85, 5)	6.3195E-04 (85, 5)	6.1722E-04 (85, 5)
24	4.7664E-04 (247, 5)	4.4616E-04 (247, 5)	4.0668E-04 (175, 4)	4.3306E-04 (236, 4)	4.2563E-04 (285, 5)
25	6.6985E-04 (97, 4)	6.3232E-04 (97, 4)	5.6233E-04 (116, 4)	5.3334E-04 (276, 4)	5.3130E-04 (276, 4)
26	6.4401E-04 (247, 4)	5.9061E-04 (247, 4)	5.4470E-04 (142, 4)	5.2654E-04 (142, 4)	4.9749E-04 (142, 4)
27	6.1095E-04 (248, 5)	5.7903E-04 (284, 4)	5.8403E-04 (284, 4)	5.6970E-04 (284, 4)	5.5802E-04 (322, 5)
28	4.5829E-04 (286, 4)	4.7175E-04 (286, 4)	4.8432E-04 (86, 5)	4.8161E-04 (320, 5)	4.8103E-04 (320, 5)
29	5.1682E-04 (132, 3)	4.7399E-04 (217, 4)	4.2566E-04 (217, 3)	4.9264E-04 (217, 3)	4.9070E-04 (132, 3)
30	6.6805E-04 (219, 4)	6.6158E-04 (219, 4)	6.4232E-04 (219, 4)	5.8847E-04 (217, 4)	5.2133E-04 (217, 4)
31	4.2429E-04 (217, 4)	4.5934E-04 (35, 4)	4.7683E-04 (340, 5)	5.1280E-04 (168, 3)	5.4005E-04 (168, 3)
32	5.3378E-04 (274, 4)	5.1907E-04 (242, 4)	5.0974E-04 (281, 4)	5.2620E-04 (281, 4)	5.2108E-04 (281, 4)
33	6.5967E-04 (170, 4)	6.1354E-04 (170, 4)	5.4849E-04 (170, 4)	4.9711E-04 (242, 4)	5.0839E-04 (28, 4)
34	6.2935E-04 (216, 4)	6.0121E-04 (216, 4)	5.4786E-04 (216, 4)	4.9143E-04 (216, 4)	4.6620E-04 (152, 3)
35	4.5756E-04 (205, 4)	4.3788E-04 (205, 4)	4.0356E-04 (205, 4)	3.6636E-04 (205, 4)	3.5875E-04 (136, 4)
36	4.4037E-04 (120, 4)	4.4571E-04 (202, 4)	4.5931E-04 (205, 4)	4.8053E-04 (351, 4)	4.9325E-04 (351, 4)

COMPOSITE HIGHEST,SECOND-HIGHEST 24-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	83	81	87	88	87
2	111	108	102	105	104
3	94	108	112	110	104
4	97	96	97	98	96
5	134	135	139	129	118
6	127	128	127	124	121
7	139	133	124	115	107
8	140	132	120	115	113
9	177	177	178	181	179
10	154	148	139	137	133
11	89	91	91	88	83
12	79	95	104	97	86
13	92	90	86	86	85
14	78	81	80	76	71
15	64	63	64	68	69
16	67	68	79	82	82
17	61	66	70	70	67
18	69	76	77	80	78
19	56	60	62	59	57
20	87	82	73	74	72
21	126	124	119	121	119
22	107	104	103	104	104
23	123	113	104	99	96
24	112	145	167	172	165
25	117	122	119	123	127
26	139	141	135	137	134
27	153	154	149	140	130
28	108	115	116	114	109
29	99	99	101	101	94
30	101	107	106	98	91
31	97	95	100	101	104
32	108	102	100	97	95
33	138	138	132	124	113
34	94	109	113	108	101
35	105	98	89	80	79
36	116.	107.	97.	90.	93.

COMPOSITE HIGHEST, SECOND-HIGHEST 3-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	662.	579.	544.	522.	492.
2	535.	597.	617.	606.	577.
3	608.	612.	568.	540.	532.
4	615.	662.	640.	601.	558.
5	682.	777.	753.	695.	644.
6	693.	659.	621.	607.	582.
7	699.	682.	684.	651.	643.
8	737.	689.	628.	569.	563.
9	907.	923.	889.	855.	823.
10	754.	707.	704.	671.	623.
11	571.	565.	600.	564.	510.
12	483.	500.	542.	478.	446.
13	406.	414.	404.	412.	405.
14	460.	485.	480.	460.	435.
15	382.	440.	468.	489.	454.
16	384.	443.	489.	486.	467.
17	408.	450.	436.	416.	406.
18	385.	460.	461.	463.	481.
19	376.	415.	453.	444.	414.
20	437.	447.	435.	413.	423.
21	588.	590.	585.	575.	555.
22	667.	660.	592.	540.	509.
23	546.	577.	623.	632.	617.
24	629.	707.	726.	718.	715.
25	675.	660.	590.	574.	549.
26	644.	591.	545.	530.	530.
27	687.	710.	687.	633.	560.
28	581.	601.	669.	646.	612.
29	584.	559.	526.	493.	491.
30	668.	662.	642.	588.	572.
31	619.	578.	548.	529.	540.
32	543.	671.	688.	661.	625.
33	660.	663.	658.	651.	637.
34	629.	614.	628.	619.	594.
35	702.	623.	539.	462.	411.
36	665.	634.	584.	533.	542.

RING DISTANCES(KM)= 5.50 6.00 7.00 20.80 53.20

STACK # 1--TECO 1&2 75% 35T/H SO2
STACK # 2--TECO 3 75% 35T/H SO2

STACK	MONTH	EMISSION RATE (GMS/SEC)	HEIGHT (METERS)	DIAMETER (METERS)	EXIT VELOCITY (M/SEC)	TEMP (DEG.K)	VOLUMETRIC FLOW (M**3/SEC)
1	ALL	4374.2500	149.40	7.32	23.00	412.00	967.92
2	ALL	2240.7600	149.40	7.32	11.20	404.00	471.33

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.3917E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=256

YEAR= 71

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	5.8369E-05 (113)	5.6186E-05 (113)	5.0384E-05 (229)	4.1902E-05 (38)	2.2412E-05 (113)
2	9.2641E-05 (331)	8.8695E-05 (331)	8.0220E-05 (331)	5.3749E-05 (30)	2.7319E-05 (228)
3	7.9928E-05 (205)	7.4792E-05 (205)	6.5109E-05 (205)	2.9045E-05 (354)	1.8789E-05 (111)
4	7.0536E-05 (127)	6.8043E-05 (127)	6.1216E-05 (127)	2.2559E-05 (205)	1.2841E-05 (180)
5	6.7116E-05 (219)	6.4887E-05 (219)	5.9141E-05 (211)	2.9308E-05 (205)	1.9054E-05 (92)
6	5.9723E-05 (206)	5.2721E-05 (206)	4.4764E-05 (126)	5.4775E-05 (175)	2.6100E-05 (118)
7	7.7285E-05 (280)	7.4545E-05 (224)	6.6421E-05 (224)	3.1829E-05 (201)	1.7831E-05 (117)
8	7.9001E-05 (139)	7.3116E-05 (139)	6.6244E-05 (256)	3.5884E-05 (167)	2.1502E-05 (256)
9	1.3917E-04 (256)	1.3550E-04 (256)	1.2490E-04 (256)	7.9319E-05 (166)	3.7998E-05 (166)
10	1.1128E-04 (161)	1.0700E-04 (161)	9.7559E-05 (161)	4.9183E-05 (195)	2.7636E-05 (195)
11	7.2596E-05 (196)	6.8657E-05 (196)	6.0809E-05 (197)	3.8712E-05 (44)	1.7770E-05 (325)
12	7.6348E-05 (198)	6.8495E-05 (198)	5.8123E-05 (123)	5.2095E-05 (123)	2.4760E-05 (44)
13	6.4751E-05 (123)	6.1694E-05 (123)	5.5671E-05 (123)	2.9152E-05 (97)	1.9689E-05 (220)
14	5.8011E-05 (222)	5.4597E-05 (222)	4.8973E-05 (199)	3.5505E-05 (63)	2.0223E-05 (19)
15	6.7748E-05 (221)	6.5323E-05 (221)	5.8814E-05 (221)	4.0780E-05 (121)	2.0512E-05 (299)
16	6.3372E-05 (124)	6.1115E-05 (124)	5.5946E-05 (124)	3.6280E-05 (121)	2.0771E-05 (76)
17	4.5172E-05 (169)	4.5637E-05 (181)	4.8561E-05 (181)	2.5654E-05 (19)	1.2328E-05 (67)
18	6.5212E-05 (316)	6.2530E-05 (316)	5.3594E-05 (124)	3.0306E-05 (89)	1.8594E-05 (89)
19	4.6277E-05 (316)	4.4622E-05 (99)	4.0527E-05 (316)	3.6972E-05 (67)	2.1023E-05 (314)
20	3.4219E-05 (46)	3.2016E-05 (261)	2.9457E-05 (41)	2.2756E-05 (19)	1.5318E-05 (329)
21	7.2802E-05 (326)	7.2470E-05 (326)	6.7649E-05 (312)	4.5840E-05 (356)	2.7754E-05 (308)
22	6.6836E-05 (47)	6.2493E-05 (47)	5.5441E-05 (47)	4.5872E-05 (356)	2.5952E-05 (301)
23	7.2970E-05 (272)	6.9223E-05 (272)	6.3185E-05 (271)	6.7494E-05 (292)	3.4703E-05 (292)
24	8.6903E-05 (156)	7.9463E-05 (156)	6.7709E-05 (156)	5.4730E-05 (319)	4.2368E-05 (319)
25	7.3678E-05 (285)	7.0140E-05 (285)	6.2916E-05 (285)	4.2098E-05 (156)	2.5803E-05 (156)
26	7.2782E-05 (48)	7.1057E-05 (267)	6.3100E-05 (267)	5.3460E-05 (33)	2.8193E-05 (33)
27	1.1771E-04 (190)	1.1237E-04 (101)	9.8386E-05 (101)	4.8990E-05 (49)	2.8992E-05 (49)
28	1.0276E-04 (101)	9.6557E-05 (101)	8.4738E-05 (101)	3.9937E-05 (327)	2.6165E-05 (244)
29	9.0851E-05 (214)	8.7385E-05 (247)	8.0505E-05 (247)	4.2018E-05 (305)	2.7728E-05 (231)
30	8.9346E-05 (210)	8.7401E-05 (210)	8.1279E-05 (210)	4.8008E-05 (3)	3.7078E-05 (162)
31	6.4538E-05 (143)	6.1383E-05 (243)	5.5408E-05 (243)	3.7973E-05 (242)	2.5854E-05 (261)
32	7.8539E-05 (2)	7.3612E-05 (2)	6.4843E-05 (2)	3.0494E-05 (345)	1.6759E-05 (320)
33	1.0145E-04 (91)	9.5668E-05 (91)	9.0873E-05 (185)	4.4884E-05 (227)	3.0136E-05 (332)
34	9.3157E-05 (259)	8.6146E-05 (259)	7.4062E-05 (259)	2.7498E-05 (187)	1.9950E-05 (59)
35	6.4597E-05 (229)	6.0148E-05 (229)	5.2589E-05 (229)	1.7975E-05 (260)	1.6793E-05 (255)
36	7.3242E-05 (260)	7.0549E-05 (179)	6.8260E-05 (179)	4.0605E-05 (228)	2.4445E-05 (229)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 6.5560E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=238 TIME PERIOD= 5

YEAR= 71

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE DIR	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	3.1015E-04 (296, 4)	2.8946E-04 (296, 4)	2.8317E-04 (193, 5)	1.9305E-04 (62, 3)	1.1661E-04 (38, 5)
2	4.9528E-04 (25, 4)	4.7830E-04 (25, 4)	4.3762E-04 (25, 4)	1.9510E-04 (30, 6)	9.4288E-05 (30, 6)
3	4.4401E-04 (331, 4)	4.3073E-04 (331, 4)	3.9209E-04 (331, 4)	1.6450E-04 (65, 6)	8.6272E-05 (117, 1)
4	4.5885E-04 (234, 4)	4.3220E-04 (131, 4)	3.7860E-04 (131, 4)	1.5342E-04 (201, 5)	7.5713E-05 (116, 1)
5	5.0171E-04 (234, 4)	4.8149E-04 (178, 3)	4.5446E-04 (205, 6)	1.7633E-04 (205, 6)	9.0191E-05 (118, 8)
6	4.0731E-04 (200, 4)	3.7781E-04 (279, 4)	3.3353E-04 (279, 4)	1.4796E-04 (114, 3)	1.2062E-04 (60, 7)
7	4.6401E-04 (21, 5)	4.4953E-04 (21, 5)	4.1153E-04 (21, 5)	2.1032E-04 (114, 5)	9.3202E-05 (229, 6)
8	5.5516E-04 (232, 5)	5.4081E-04 (232, 5)	4.9354E-04 (232, 5)	1.4384E-04 (254, 4)	9.9163E-05 (344, 6)
9	6.5560E-04 (238, 5)	6.2693E-04 (256, 4)	5.6974E-04 (256, 4)	2.4303E-04 (200, 6)	1.2936E-04 (229, 7)
10	5.7684E-04 (204, 5)	5.3423E-04 (204, 5)	4.8663E-04 (298, 4)	2.2910E-04 (172, 6)	1.1572E-04 (172, 8)
11	3.8308E-04 (192, 5)	3.5148E-04 (192, 5)	2.9534E-04 (192, 5)	1.7162E-04 (183, 3)	8.5832E-05 (44, 5)
12	4.3256E-04 (317, 4)	4.1251E-04 (317, 4)	3.6833E-04 (317, 4)	1.7629E-04 (136, 4)	9.4122E-05 (123, 2)
13	3.8836E-04 (136, 4)	3.6743E-04 (136, 4)	3.2142E-04 (136, 4)	1.4145E-04 (79, 1)	8.9253E-05 (200, 7)
14	4.3478E-04 (199, 6)	4.2576E-04 (199, 6)	3.9178E-04 (199, 6)	1.5100E-04 (104, 4)	9.0577E-05 (136, 2)
15	4.2952E-04 (222, 5)	4.0223E-04 (222, 5)	3.4669E-04 (222, 5)	1.6768E-04 (89, 1)	1.0208E-04 (191, 6)
16	4.4482E-04 (169, 4)	4.2098E-04 (169, 4)	3.7467E-04 (169, 4)	1.6914E-04 (172, 3)	1.0555E-04 (93, 1)
17	3.3581E-04 (315, 5)	3.2709E-04 (315, 5)	2.9904E-04 (315, 5)	1.5541E-04 (181, 6)	8.6737E-05 (13, 8)
18	3.6214E-04 (124, 5)	3.3437E-04 (124, 5)	2.9769E-04 (316, 4)	1.7332E-04 (301, 4)	9.7967E-05 (139, 7)
19	3.0702E-04 (316, 5)	2.9917E-04 (316, 5)	2.7562E-04 (316, 5)	1.6001E-04 (338, 3)	9.8801E-05 (67, 3)
20	2.7375E-04 (46, 5)	2.5544E-04 (46, 5)	2.2706E-04 (261, 5)	1.6072E-04 (170, 6)	9.6611E-05 (337, 8)
21	3.8726E-04 (18, 4)	3.5881E-04 (18, 4)	3.2621E-04 (326, 4)	1.5854E-04 (334, 5)	1.2500E-04 (7, 3)
22	3.6804E-04 (263, 5)	3.5041E-04 (326, 4)	3.3783E-04 (326, 4)	1.6473E-04 (16, 5)	1.2735E-04 (301, 8)
23	4.5375E-04 (271, 5)	4.3496E-04 (271, 5)	4.1205E-04 (273, 4)	2.1226E-04 (309, 2)	1.1425E-04 (270, 2)
24	4.1090E-04 (90, 4)	3.7900E-04 (90, 4)	3.6658E-04 (264, 4)	1.9679E-04 (357, 5)	1.5135E-04 (310, 1)
25	5.1155E-04 (137, 4)	4.8473E-04 (137, 4)	4.3174E-04 (156, 3)	1.8872E-04 (94, 2)	1.2201E-04 (336, 6)
26	3.9833E-04 (267, 5)	3.7880E-04 (267, 5)	3.5214E-04 (360, 4)	1.9355E-04 (152, 3)	1.2045E-04 (152, 3)
27	5.0106E-04 (265, 4)	4.8673E-04 (265, 4)	4.5165E-04 (265, 4)	2.1865E-04 (265, 4)	1.2183E-04 (135, 1)
28	4.7966E-04 (101, 5)	4.4007E-04 (101, 5)	3.7419E-04 (64, 4)	2.0652E-04 (244, 6)	1.1777E-04 (244, 6)
29	4.6185E-04 (21, 4)	4.4381E-04 (21, 4)	4.0133E-04 (21, 4)	2.0030E-04 (233, 4)	1.1752E-04 (363, 3)
30	5.1659E-04 (182, 4)	4.8203E-04 (182, 4)	4.2307E-04 (182, 4)	1.9080E-04 (144, 3)	1.5287E-04 (162, 7)
31	3.3040E-04 (278, 4)	3.1662E-04 (278, 4)	2.9711E-04 (261, 4)	1.3267E-04 (261, 4)	1.0590E-04 (139, 2)
32	5.1422E-04 (139, 3)	4.9649E-04 (230, 4)	4.2704E-04 (230, 4)	1.9597E-04 (139, 3)	1.3407E-04 (328, 4)
33	6.0946E-04 (77, 5)	5.9576E-04 (185, 4)	5.8129E-04 (185, 4)	2.3089E-04 (332, 5)	1.3734E-04 (333, 1)
34	5.6033E-04 (259, 4)	5.2513E-04 (259, 4)	4.5865E-04 (259, 4)	1.6529E-04 (279, 3)	1.0754E-04 (59, 1)
35	3.4431E-04 (211, 4)	3.0923E-04 (234, 4)	2.6898E-04 (234, 4)	1.4178E-04 (260, 4)	1.3434E-04 (255, 8)
36	5.6032E-04 (179, 3)	5.6439E-04 (179, 3)	5.4608E-04 (179, 3)	2.2492E-04 (179, 3)	1.0747E-04 (229, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAX3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.7480E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=207

YEAR= 72

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	8.3467E-05 (107)	7.9378E-05 (107)	7.0636E-05 (107)	3.7018E-05 (38)	2.2139E-05 (38)
2	1.0090E-04 (57)	9.6335E-05 (57)	8.6380E-05 (57)	3.8179E-05 (55)	2.2059E-05 (114)
3	8.2246E-05 (57)	7.7704E-05 (105)	6.9294E-05 (105)	4.2691E-05 (129)	2.6794E-05 (89)
4	6.2999E-05 (130)	6.0440E-05 (58)	5.4651E-05 (58)	2.2877E-05 (245)	1.1352E-05 (274)
5	9.6205E-05 (261)	8.8592E-05 (261)	7.6394E-05 (261)	2.7247E-05 (211)	1.7832E-05 (312)
6	9.0577E-05 (261)	8.5542E-05 (261)	7.6757E-05 (261)	4.1103E-05 (85)	1.9455E-05 (107)
7	9.9487E-05 (310)	9.4144E-05 (309)	8.1414E-05 (309)	3.7690E-05 (172)	2.0028E-05 (99)
8	9.9537E-05 (53)	9.3614E-05 (53)	8.2136E-05 (53)	4.8175E-05 (172)	2.7360E-05 (180)
9	1.7480E-04 (207)	1.6770E-04 (242)	1.4943E-04 (242)	1.1878E-04 (173)	5.4844E-05 (173)
10	1.2750E-04 (181)	1.2073E-04 (181)	1.0717E-04 (181)	4.6525E-05 (124)	2.2184E-05 (181)
11	7.5233E-05 (131)	6.9685E-05 (131)	6.0389E-05 (143)	4.0888E-05 (143)	2.2072E-05 (143)
12	6.0800E-05 (231)	5.7932E-05 (231)	5.3466E-05 (184)	3.0120E-05 (331)	2.1043E-05 (5)
13	5.3949E-05 (185)	5.3154E-05 (185)	5.3762E-05 (50)	4.2772E-05 (44)	2.4864E-05 (361)
14	4.8595E-05 (102)	4.7195E-05 (102)	4.3500E-05 (102)	3.4065E-05 (360)	1.9805E-05 (358)
15	4.3838E-05 (362)	4.2558E-05 (362)	4.0999E-05 (362)	3.6445E-05 (44)	2.2334E-05 (44)
16	4.6649E-05 (322)	4.5853E-05 (260)	4.4684E-05 (260)	2.9649E-05 (325)	1.5722E-05 (325)
17	4.8371E-05 (326)	5.2382E-05 (326)	5.8748E-05 (326)	4.6714E-05 (351)	2.3691E-05 (351)
18	5.2817E-05 (193)	5.3146E-05 (147)	5.2415E-05 (147)	5.4539E-05 (328)	3.5890E-05 (326)
19	4.3942E-05 (282)	4.4005E-05 (239)	4.1763E-05 (239)	3.7948E-05 (16)	2.1284E-05 (16)
20	6.6698E-05 (193)	6.5479E-05 (193)	6.0766E-05 (193)	2.7390E-05 (40)	1.7621E-05 (327)
21	6.1255E-05 (256)	5.7916E-05 (256)	5.2952E-05 (336)	3.4522E-05 (92)	1.8320E-05 (16)
22	6.1782E-05 (189)	6.0425E-05 (86)	5.5393E-05 (288)	5.2855E-05 (66)	2.8765E-05 (329)
23	5.9651E-05 (70)	5.6759E-05 (279)	5.3058E-05 (191)	6.6284E-05 (117)	3.5190E-05 (353)
24	8.4639E-05 (288)	8.4499E-05 (288)	7.9817E-05 (267)	5.5215E-05 (100)	3.2922E-05 (353)
25	9.1960E-05 (265)	8.5611E-05 (265)	7.4009E-05 (265)	5.0842E-05 (156)	2.8758E-05 (156)
26	1.2837E-04 (265)	1.2204E-04 (265)	1.0898E-04 (265)	4.9742E-05 (203)	2.8764E-05 (66)
27	8.1021E-05 (240)	7.9359E-05 (240)	8.2634E-05 (268)	8.0320E-05 (306)	4.5053E-05 (167)
28	8.3139E-05 (339)	7.9637E-05 (339)	7.1897E-05 (339)	8.8262E-05 (121)	4.5767E-05 (121)
29	8.3858E-05 (230)	8.1398E-05 (230)	7.5007E-05 (230)	4.8325E-05 (127)	2.2404E-05 (165)
30	7.5352E-05 (345)	7.2067E-05 (345)	6.5095E-05 (345)	3.8236E-05 (347)	2.2557E-05 (365)
31	8.7899E-05 (332)	8.5449E-05 (332)	7.8060E-05 (332)	3.5349E-05 (241)	2.1473E-05 (308)
32	8.4375E-05 (61)	8.0163E-05 (61)	7.1448E-05 (61)	3.5449E-05 (120)	2.6833E-05 (1)
33	9.8186E-05 (12)	9.5775E-05 (12)	8.8416E-05 (12)	4.7298E-05 (12)	2.8184E-05 (301)
34	5.3234E-05 (314)	4.9038E-05 (314)	4.7223E-05 (161)	3.0025E-05 (161)	1.6876E-05 (2)
35	5.1171E-05 (319)	5.0899E-05 (319)	4.8450E-05 (87)	2.6258E-05 (307)	1.4863E-05 (309)
36	5.5764E-05 (64)	5.1709E-05 (64)	4.5272E-05 (136)	3.7708E-05 (171)	1.9900E-05 (357)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAA3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 7.7384E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=207 TIME PERIOD= 4

YEAR= 72

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	4.5774E-04 (113, 4)	4.2577E-04 (151, 3)	4.1729E-04 (107, 4)	1.9794E-04 (38, 2)	1.1793E-04 (330, 7)
2	5.1607E-04 (57, 4)	4.9445E-04 (57, 4)	4.3791E-04 (55, 5)	1.6666E-04 (114, 3)	9.0218E-05 (31, 2)
3	4.4542E-04 (149, 5)	4.2307E-04 (149, 5)	3.7232E-04 (149, 5)	1.7992E-04 (5, 5)	9.6412E-05 (319, 6)
4	4.3631E-04 (210, 4)	4.2104E-04 (210, 4)	3.8275E-04 (210, 4)	1.3971E-04 (210, 4)	7.8533E-05 (89, 2)
5	4.6701E-04 (292, 4)	4.4401E-04 (292, 4)	4.0933E-04 (211, 6)	1.6941E-04 (357, 5)	1.0735E-04 (55, 4)
6	5.3331E-04 (85, 4)	5.2210E-04 (85, 4)	4.8985E-04 (85, 4)	1.9860E-04 (210, 6)	1.2453E-04 (210, 7)
7	5.1651E-04 (138, 4)	4.9992E-04 (138, 4)	4.5449E-04 (138, 4)	1.6097E-04 (172, 5)	8.5422E-05 (220, 2)
8	5.3500E-04 (290, 4)	5.0870E-04 (290, 4)	4.5396E-04 (290, 4)	1.7380E-04 (177, 7)	9.8863E-05 (153, 1)
9	7.7384E-04 (207, 4)	7.2243E-04 (207, 4)	6.3387E-04 (207, 4)	2.4111E-04 (207, 4)	1.1208E-04 (334, 8)
10	5.6771E-04 (183, 5)	5.2879E-04 (183, 5)	4.7799E-04 (215, 5)	2.2626E-04 (209, 6)	9.8418E-05 (209, 6)
11	3.8740E-04 (222, 5)	3.6187E-04 (222, 5)	3.1064E-04 (222, 5)	1.8407E-04 (44, 6)	9.7889E-05 (97, 7)
12	4.0931E-04 (250, 4)	3.9160E-04 (250, 4)	3.6522E-04 (245, 6)	1.7320E-04 (184, 4)	1.1236E-04 (245, 6)
13	3.6406E-04 (226, 6)	3.8540E-04 (226, 6)	3.9783E-04 (146, 4)	1.5873E-04 (97, 4)	9.6582E-05 (91, 7)
14	3.8250E-04 (102, 4)	3.6878E-04 (102, 4)	3.3344E-04 (102, 4)	2.1237E-04 (65, 6)	1.3840E-04 (142, 3)
15	2.7222E-04 (109, 6)	2.6170E-04 (362, 5)	2.4242E-04 (109, 6)	1.7274E-04 (50, 2)	1.0922E-04 (146, 3)
16	2.6406E-04 (259, 6)	2.5709E-04 (259, 6)	2.3525E-04 (259, 6)	1.4228E-04 (322, 4)	8.8169E-05 (217, 8)
17	3.0415E-04 (23, 4)	3.1346E-04 (23, 4)	3.1566E-04 (23, 4)	1.6428E-04 (263, 4)	9.1358E-05 (326, 2)
18	4.2249E-04 (193, 3)	4.2517E-04 (147, 4)	4.1810E-04 (326, 4)	1.7482E-04 (48, 1)	1.0899E-04 (320, 3)
19	3.1217E-04 (313, 5)	3.0629E-04 (313, 5)	2.8813E-04 (313, 5)	1.7337E-04 (161, 6)	1.0977E-04 (205, 8)
20	3.1740E-04 (322, 4)	3.2770E-04 (322, 4)	3.2649E-04 (322, 4)	1.5864E-04 (40, 7)	8.8723E-05 (40, 7)
21	4.1750E-04 (288, 5)	4.0379E-04 (288, 5)	3.6585E-04 (288, 5)	1.4447E-04 (16, 5)	1.0280E-04 (329, 1)
22	3.1522E-04 (288, 5)	3.0319E-04 (288, 5)	2.7877E-04 (279, 3)	1.8310E-04 (17, 1)	9.9048E-05 (69, 2)
23	3.4882E-04 (45, 4)	3.5470E-04 (45, 4)	3.3579E-04 (342, 5)	2.1401E-04 (17, 8)	1.2707E-04 (267, 3)
24	3.2629E-04 (158, 5)	3.0329E-04 (18, 4)	2.8745E-04 (288, 3)	1.7918E-04 (100, 7)	1.2505E-04 (339, 2)
25	4.8497E-04 (226, 4)	4.6334E-04 (226, 4)	4.1528E-04 (226, 4)	2.0071E-04 (264, 3)	1.1355E-04 (191, 8)
26	4.4462E-04 (157, 3)	4.3942E-04 (157, 3)	4.1297E-04 (157, 3)	1.9658E-04 (257, 4)	1.2331E-04 (338, 7)
27	4.4663E-04 (257, 4)	4.2297E-04 (257, 4)	4.0220E-04 (240, 4)	2.0559E-04 (268, 8)	1.5298E-04 (166, 1)
28	5.7510E-04 (231, 3)	5.3949E-04 (231, 3)	4.7610E-04 (231, 3)	2.3606E-04 (133, 7)	1.2401E-04 (157, 8)
29	3.2822E-04 (198, 3)	3.2498E-04 (198, 3)	2.8406E-04 (231, 3)	1.5032E-04 (127, 6)	1.1819E-04 (47, 2)
30	5.6373E-04 (1, 4)	5.4462E-04 (1, 4)	4.9313E-04 (1, 4)	1.8568E-04 (345, 4)	1.0197E-04 (343, 4)
31	4.3406E-04 (241, 4)	4.0497E-04 (241, 4)	3.5356E-04 (241, 4)	1.5380E-04 (366, 4)	9.2645E-05 (308, 2)
32	4.5046E-04 (61, 4)	4.2514E-04 (61, 4)	3.7136E-04 (61, 4)	1.7170E-04 (364, 5)	1.2129E-04 (1, 8)
33	5.4292E-04 (229, 4)	5.2376E-04 (12, 4)	4.8510E-04 (58, 4)	2.1511E-04 (262, 4)	8.9312E-05 (262, 4)
34	3.4756E-04 (211, 3)	3.3391E-04 (314, 4)	3.2374E-04 (211, 3)	1.9029E-04 (22, 3)	1.1855E-04 (161, 4)
35	3.5126E-04 (213, 5)	3.3111E-04 (319, 4)	3.1664E-04 (319, 4)	1.3524E-04 (90, 7)	9.4025E-05 (13, 8)
36	4.2642E-04 (136, 4)	4.0294E-04 (136, 4)	3.5648E-04 (64, 4)	1.7198E-04 (89, 4)	8.8363E-05 (302, 3)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.2677E-04 DIRECTION= 25 DISTANCE= 5.5 KM DAY=321

YEAR= 73

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	6.5734E-05 (193)	6.5492E-05 (193)	6.2892E-05 (193)	3.5758E-05 (146)	2.2031E-05 (364)
2	7.9673E-05 (159)	7.5835E-05 (159)	6.7059E-05 (159)	3.3669E-05 (146)	2.2960E-05 (146)
3	7.1699E-05 (151)	6.2756E-05 (151)	5.7336E-05 (226)	2.8071E-05 (146)	1.8020E-05 (146)
4	6.6978E-05 (173)	6.3077E-05 (173)	5.7462E-05 (194)	2.7123E-05 (178)	1.8520E-05 (145)
5	1.0955E-04 (182)	1.0189E-04 (182)	8.9315E-05 (182)	3.4940E-05 (182)	1.5873E-05 (117)
6	1.1804E-04 (209)	1.1474E-04 (209)	1.0269E-04 (186)	5.1031E-05 (144)	2.5407E-05 (144)
7	1.0018E-04 (140)	9.5104E-05 (140)	8.6179E-05 (27)	4.2901E-05 (209)	2.2175E-05 (114)
8	1.0320E-04 (181)	9.6306E-05 (187)	8.7313E-05 (187)	3.7587E-05 (253)	1.5276E-05 (253)
9	1.1027E-04 (132)	1.0211E-04 (132)	8.8371E-05 (132)	4.5934E-05 (253)	2.7787E-05 (85)
10	9.4714E-05 (132)	8.8502E-05 (132)	7.8027E-05 (196)	4.7303E-05 (169)	2.9849E-05 (258)
11	7.2347E-05 (235)	6.9723E-05 (235)	6.4373E-05 (235)	5.0862E-05 (85)	2.2805E-05 (169)
12	7.2312E-05 (100)	6.7282E-05 (100)	5.8831E-05 (100)	4.1763E-05 (98)	2.6110E-05 (98)
13	3.7703E-05 (188)	3.6273E-05 (188)	4.4695E-05 (41)	6.4100E-05 (41)	2.7514E-05 (41)
14	5.6543E-05 (169)	5.4905E-05 (175)	5.2308E-05 (175)	4.2761E-05 (175)	2.5839E-05 (175)
15	4.9136E-05 (47)	4.8480E-05 (47)	4.5762E-05 (47)	3.5196E-05 (77)	1.9969E-05 (350)
16	5.6664E-05 (188)	5.6412E-05 (95)	5.3480E-05 (95)	2.6453E-05 (342)	1.5914E-05 (342)
17	5.2519E-05 (53)	5.1005E-05 (53)	4.7937E-05 (53)	4.7951E-05 (342)	2.9169E-05 (361)
18	7.4958E-05 (103)	7.1075E-05 (103)	6.3302E-05 (103)	3.2257E-05 (42)	2.4100E-05 (297)
19	5.4898E-05 (268)	5.2646E-05 (268)	4.7043E-05 (268)	3.5285E-05 (10)	1.8361E-05 (136)
20	6.4067E-05 (305)	6.1251E-05 (305)	5.7585E-05 (299)	4.0215E-05 (24)	2.8679E-05 (24)
21	1.1598E-04 (221)	1.1199E-04 (221)	1.0309E-04 (221)	5.4510E-05 (305)	2.8099E-05 (9)
22	8.2299E-05 (125)	7.8009E-05 (125)	6.9328E-05 (125)	4.5614E-05 (233)	2.8601E-05 (292)
23	8.1747E-05 (191)	7.5886E-05 (191)	6.6328E-05 (191)	5.8315E-05 (291)	3.0769E-05 (315)
24	9.9264E-05 (59)	9.5088E-05 (59)	8.7870E-05 (240)	4.3802E-05 (310)	2.8086E-05 (288)
25	1.2677E-04 (321)	1.2419E-04 (321)	1.0828E-04 (240)	4.8653E-05 (265)	3.0699E-05 (327)
26	1.2584E-04 (82)	1.2205E-04 (82)	1.1190E-04 (82)	4.6593E-05 (154)	2.3316E-05 (245)
27	7.7177E-05 (336)	7.5262E-05 (336)	6.9273E-05 (336)	5.5037E-05 (106)	3.4773E-05 (288)
28	7.7694E-05 (158)	7.3023E-05 (55)	6.7743E-05 (55)	5.3915E-05 (105)	2.6633E-05 (105)
29	8.7706E-05 (239)	8.1619E-05 (239)	7.1130E-05 (239)	4.4839E-05 (105)	2.9560E-05 (105)
30	7.3152E-05 (244)	7.0784E-05 (244)	6.5063E-05 (244)	4.2381E-05 (359)	2.6433E-05 (324)
31	7.1413E-05 (65)	6.9808E-05 (65)	6.4789E-05 (65)	4.1194E-05 (88)	2.8072E-05 (113)
32	8.5646E-05 (322)	8.2103E-05 (329)	8.0029E-05 (329)	5.7494E-05 (21)	3.1751E-05 (21)
33	1.0270E-04 (202)	9.3522E-05 (202)	7.8396E-05 (202)	3.7130E-05 (217)	1.8546E-05 (171)
34	7.6697E-05 (269)	7.4889E-05 (269)	6.9511E-05 (269)	3.2098E-05 (213)	2.2029E-05 (213)
35	7.9842E-05 (115)	7.8898E-05 (115)	7.3902E-05 (115)	5.0545E-05 (93)	2.8691E-05 (349)
36	6.6348E-05 (194)	6.2528E-05 (194)	5.5284E-05 (215)	3.4703E-05 (73)	2.4151E-05 (347)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 5.9805E-04 DIRECTION= 5 DISTANCE= 5.5 KM DAY=182 TIME PERIOD= 4

YEAR= 73

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	3.7028E-04 (150, 4)	3.6824E-04 (150, 4)	3.4801E-04 (150, 4)	1.4442E-04 (148, 6)	1.1204E-04 (45, 7)
2	5.2498E-04 (71, 5)	5.0702E-04 (71, 5)	4.5783E-04 (71, 5)	1.7386E-04 (331, 6)	9.5269E-05 (212, 5)
3	4.7374E-04 (123, 4)	4.4837E-04 (123, 4)	4.0639E-04 (3, 5)	1.7573E-04 (128, 6)	8.3602E-05 (116, 5)
4	4.6886E-04 (194, 4)	4.5600E-04 (194, 4)	4.2377E-04 (194, 4)	1.5646E-04 (313, 4)	9.1772E-05 (210, 8)
5	5.9805E-04 (182, 4)	5.5745E-04 (182, 4)	4.8965E-04 (182, 4)	1.9167E-04 (182, 4)	9.2212E-05 (210, 8)
6	5.5095E-04 (309, 4)	5.1758E-04 (309, 4)	4.5399E-04 (309, 4)	2.2233E-04 (235, 5)	9.7888E-05 (235, 5)
7	4.7743E-04 (219, 4)	4.4709E-04 (219, 4)	3.9051E-04 (219, 4)	1.8396E-04 (181, 4)	1.4025E-04 (114, 7)
8	5.5177E-04 (289, 5)	5.3067E-04 (289, 5)	4.8174E-04 (187, 3)	1.9125E-04 (181, 4)	8.0956E-05 (181, 4)
9	5.5901E-04 (132, 5)	5.1771E-04 (132, 5)	4.4631E-04 (132, 5)	2.0295E-04 (99, 5)	9.1924E-05 (253, 6)
10	4.3185E-04 (303, 4)	4.0352E-04 (303, 4)	3.5387E-04 (303, 4)	1.5810E-04 (191, 6)	1.1494E-04 (169, 7)
11	4.6455E-04 (208, 4)	4.2724E-04 (208, 4)	3.6945E-04 (208, 4)	1.9753E-04 (174, 5)	9.9139E-05 (124, 1)
12	3.6415E-04 (135, 3)	3.3940E-04 (135, 3)	3.0297E-04 (139, 3)	1.7583E-04 (8, 8)	1.0068E-04 (8, 8)
13	2.6824E-04 (135, 3)	2.7571E-04 (168, 3)	2.7924E-04 (168, 3)	1.5423E-04 (86, 5)	1.4658E-04 (255, 7)
14	4.0655E-04 (175, 5)	3.8072E-04 (175, 5)	3.2811E-04 (175, 5)	1.9518E-04 (101, 6)	1.5148E-04 (289, 7)
15	3.9244E-04 (47, 4)	3.6347E-04 (118, 4)	3.0759E-04 (118, 4)	1.6601E-04 (13, 5)	8.7806E-05 (51, 5)
16	3.0916E-04 (124, 3)	3.1068E-04 (124, 3)	3.0116E-04 (124, 3)	1.3645E-04 (136, 6)	9.3569E-05 (12, 5)
17	4.0423E-04 (52, 4)	3.9385E-04 (52, 4)	3.5976E-04 (52, 4)	1.9139E-04 (53, 4)	1.0240E-04 (342, 1)
18	4.8556E-04 (14, 4)	4.6565E-04 (297, 5)	4.0821E-04 (297, 5)	1.6509E-04 (13, 3)	9.5134E-05 (12, 8)
19	4.0270E-04 (268, 5)	3.8524E-04 (268, 5)	3.4300E-04 (268, 5)	1.5524E-04 (10, 1)	7.9701E-05 (136, 4)
20	3.9401E-04 (133, 4)	3.7725E-04 (133, 4)	3.3822E-04 (133, 4)	1.9339E-04 (299, 4)	8.8779E-05 (273, 8)
21	4.1034E-04 (221, 4)	4.0992E-04 (221, 6)	4.0280E-04 (221, 6)	2.1613E-04 (11, 8)	1.1736E-04 (305, 4)
22	4.7645E-04 (125, 4)	4.4464E-04 (125, 4)	3.8744E-04 (125, 4)	1.7199E-04 (78, 4)	1.0065E-04 (10, 4)
23	4.4444E-04 (102, 4)	4.2724E-04 (191, 4)	3.7228E-04 (191, 4)	1.9606E-04 (16, 5)	1.0965E-04 (251, 7)
24	4.6968E-04 (310, 4)	4.5364E-04 (310, 4)	4.1944E-04 (310, 4)	1.9225E-04 (310, 4)	1.1001E-04 (279, 6)
25	5.0433E-04 (321, 4)	4.8387E-04 (321, 4)	4.3151E-04 (321, 4)	2.0990E-04 (290, 4)	1.2412E-04 (327, 6)
26	5.2296E-04 (352, 4)	5.2284E-04 (336, 4)	5.0947E-04 (336, 4)	1.9213E-04 (352, 4)	1.1550E-04 (234, 7)
27	4.4266E-04 (242, 5)	4.0790E-04 (242, 5)	3.5966E-04 (96, 5)	2.2169E-04 (17, 6)	1.5574E-04 (242, 7)
28	4.3838E-04 (55, 6)	4.5634E-04 (288, 5)	4.0524E-04 (55, 6)	1.9121E-04 (288, 5)	1.1888E-04 (8, 1)
29	4.8132E-04 (318, 4)	4.6980E-04 (318, 4)	4.3046E-04 (318, 4)	2.2923E-04 (318, 4)	1.3341E-04 (150, 8)
30	4.5954E-04 (106, 4)	4.2559E-04 (106, 4)	3.6142E-04 (106, 4)	1.8249E-04 (231, 3)	1.2035E-04 (353, 6)
31	4.6628E-04 (112, 4)	4.3414E-04 (112, 4)	4.1143E-04 (171, 3)	1.7509E-04 (171, 3)	1.0561E-04 (68, 2)
32	4.9145E-04 (157, 4)	4.4975E-04 (157, 4)	3.7632E-04 (157, 4)	2.0803E-04 (67, 4)	1.2029E-04 (329, 4)
33	4.7061E-04 (61, 5)	4.4179E-04 (61, 5)	3.8239E-04 (61, 5)	1.7375E-04 (359, 5)	1.2637E-04 (194, 1)
34	4.0707E-04 (217, 4)	3.7533E-04 (217, 4)	3.2611E-04 (64, 4)	1.7571E-04 (207, 5)	1.0032E-04 (339, 8)
35	3.7879E-04 (115, 4)	3.6466E-04 (115, 4)	3.2705E-04 (115, 4)	1.9047E-04 (93, 8)	1.2238E-04 (228, 1)
36	3.2526E-04 (226, 4)	3.0042E-04 (194, 5)	2.6423E-04 (194, 5)	1.6789E-04 (332, 4)	9.4776E-05 (349, 7)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MM3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.6307E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=230

YEAR= 74

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	5.3163E-05 (228)	4.9789E-05 (203)	4.4780E-05 (203)	4.0548E-05 (175)	2.1662E-05 (175)
2	6.7003E-05 (207)	6.0514E-05 (207)	5.2329E-05 (91)	3.4349E-05 (30)	1.8362E-05 (28)
3	5.1976E-05 (309)	4.9202E-05 (46)	4.4388E-05 (46)	3.0816E-05 (80)	1.9307E-05 (39)
4	7.8889E-05 (229)	7.3970E-05 (229)	6.5259E-05 (229)	2.7733E-05 (90)	1.4921E-05 (88)
5	6.8570E-05 (158)	6.2262E-05 (158)	5.2169E-05 (210)	2.3417E-05 (210)	1.5908E-05 (30)
6	7.3454E-05 (86)	6.7906E-05 (200)	6.0599E-05 (86)	3.7307E-05 (89)	1.9896E-05 (88)
7	8.2762E-05 (200)	7.6230E-05 (200)	7.2167E-05 (16)	3.4132E-05 (16)	1.7705E-05 (173)
8	9.3722E-05 (315)	8.9672E-05 (315)	7.9910E-05 (315)	2.7897E-05 (269)	1.6062E-05 (203)
9	1.6307E-04 (230)	1.5343E-04 (230)	1.3398E-04 (230)	6.1263E-05 (192)	3.0970E-05 (71)
10	1.0577E-04 (192)	9.9282E-05 (192)	8.7536E-05 (192)	4.0291E-05 (202)	2.2458E-05 (47)
11	7.7865E-05 (200)	7.2120E-05 (200)	6.1482E-05 (200)	3.4000E-05 (72)	1.6175E-05 (335)
12	7.0662E-05 (200)	6.6416E-05 (200)	5.7668E-05 (200)	3.1170E-05 (167)	1.6824E-05 (240)
13	3.8997E-05 (257)	4.0510E-05 (257)	3.6004E-05 (167)	3.5081E-05 (39)	1.6411E-05 (76)
14	3.7045E-05 (222)	3.5667E-05 (222)	3.1931E-05 (222)	4.8169E-05 (40)	2.2616E-05 (336)
15	4.1244E-05 (99)	4.2126E-05 (197)	4.0366E-05 (197)	4.5549E-05 (96)	1.9890E-05 (96)
16	7.9902E-05 (338)	7.7743E-05 (338)	7.2779E-05 (338)	4.1032E-05 (326)	1.9435E-05 (326)
17	4.7695E-05 (317)	4.7949E-05 (317)	4.6110E-05 (317)	2.8888E-05 (280)	2.0617E-05 (355)
18	6.5678E-05 (332)	6.2714E-05 (332)	5.6680E-05 (332)	4.9581E-05 (279)	2.6095E-05 (279)
19	5.4234E-05 (332)	5.1563E-05 (364)	4.6902E-05 (364)	3.7626E-05 (311)	1.9694E-05 (311)
20	6.9391E-05 (281)	6.5711E-05 (281)	5.8096E-05 (281)	4.0420E-05 (279)	2.5851E-05 (18)
21	8.0524E-05 (265)	7.4006E-05 (264)	6.5376E-05 (264)	4.8274E-05 (274)	2.9102E-05 (107)
22	7.4651E-05 (293)	7.1255E-05 (293)	6.3436E-05 (265)	6.5658E-05 (276)	2.9898E-05 (276)
23	9.0911E-05 (306)	8.5627E-05 (306)	7.9072E-05 (298)	4.1745E-05 (266)	2.5884E-05 (293)
24	1.5575E-04 (286)	1.4602E-04 (286)	1.2730E-04 (286)	6.0618E-05 (348)	3.0714E-05 (13)
25	1.0233E-04 (110)	9.5365E-05 (110)	8.4542E-05 (305)	4.9527E-05 (285)	2.8437E-05 (303)
26	1.0005E-04 (110)	9.1956E-05 (110)	8.2654E-05 (171)	3.6169E-05 (305)	2.4541E-05 (349)
27	9.9225E-05 (116)	9.0034E-05 (116)	8.2816E-05 (233)	4.9817E-05 (171)	2.9944E-05 (333)
28	8.8814E-05 (2)	8.9735E-05 (2)	8.2742E-05 (236)	5.5735E-05 (2)	2.7696E-05 (101)
29	6.6240E-05 (118)	6.3798E-05 (118)	5.9500E-05 (139)	6.1401E-05 (357)	3.3089E-05 (140)
30	7.4991E-05 (243)	7.4648E-05 (243)	7.2160E-05 (237)	3.2255E-05 (244)	2.0897E-05 (334)
31	1.0442E-04 (219)	1.0248E-04 (219)	9.4773E-05 (219)	5.2125E-05 (134)	2.7774E-05 (134)
32	8.2812E-05 (63)	7.7831E-05 (63)	6.7564E-05 (63)	3.0216E-05 (102)	2.2211E-05 (9)
33	7.7938E-05 (221)	7.3362E-05 (11)	6.5535E-05 (63)	3.8445E-05 (131)	2.0087E-05 (334)
34	6.7722E-05 (236)	6.2021E-05 (236)	5.2099E-05 (236)	3.6803E-05 (50)	2.5505E-05 (84)
35	5.9359E-05 (164)	5.5913E-05 (164)	4.8919E-05 (164)	2.7356E-05 (94)	1.6287E-05 (175)
36	6.5136E-05 (33)	6.5035E-05 (33)	6.2985E-05 (33)	4.9665E-05 (341)	3.0035E-05 (341)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 6.9517E-04 DIRECTION= 24 DISTANCE= 5.5 KM DAY=284 TIME PERIOD= 4

YEAR= 74

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	4.2530E-04 (228, 4)	3.9417E-04 (228, 4)	3.4495E-04 (208, 4)	2.2193E-04 (354, 5)	1.0401E-04 (354, 5)
2	4.0771E-04 (6, 5)	3.8327E-04 (6, 5)	3.3553E-04 (6, 5)	1.7355E-04 (91, 6)	8.1282E-05 (38, 5)
3	3.1336E-04 (127, 4)	3.4859E-04 (127, 4)	3.2014E-04 (103, 5)	1.4955E-04 (39, 2)	1.0697E-04 (174, 8)
4	5.1616E-04 (229, 4)	4.7811E-04 (229, 4)	4.1507E-04 (229, 4)	1.3361E-04 (212, 3)	7.8620E-05 (30, 8)
5	4.0255E-04 (188, 4)	4.2686E-04 (188, 4)	3.7006E-04 (188, 4)	1.3673E-04 (188, 4)	7.8465E-05 (329, 7)
6	5.3677E-04 (9, 5)	5.2485E-04 (9, 5)	4.8228E-04 (9, 5)	1.6124E-04 (9, 5)	9.4332E-05 (209, 6)
7	4.6389E-04 (226, 5)	4.3073E-04 (292, 4)	4.2955E-04 (292, 4)	1.9902E-04 (292, 4)	8.2226E-05 (292, 4)
8	5.1268E-04 (145, 4)	4.8252E-04 (145, 4)	4.1884E-04 (145, 4)	1.5510E-04 (25, 6)	9.9825E-05 (203, 1)
9	6.1355E-04 (176, 5)	5.9589E-04 (176, 5)	5.4852E-04 (176, 5)	2.1722E-04 (64, 6)	1.0109E-04 (75, 4)
10	5.5882E-04 (173, 6)	5.4306E-04 (173, 6)	4.9377E-04 (173, 6)	1.6949E-04 (47, 6)	9.1961E-05 (230, 7)
11	4.2766E-04 (228, 6)	4.1160E-04 (228, 6)	3.7366E-04 (228, 6)	1.7566E-04 (193, 2)	1.0135E-04 (176, 3)
12	3.5822E-04 (167, 3)	3.5288E-04 (167, 3)	3.3483E-04 (167, 3)	1.3345E-04 (162, 7)	8.8319E-05 (240, 7)
13	2.9398E-04 (222, 6)	2.8548E-04 (222, 6)	2.6366E-04 (145, 3)	1.4557E-04 (336, 7)	9.7158E-05 (48, 1)
14	2.4063E-04 (239, 6)	2.3645E-04 (226, 6)	2.1880E-04 (226, 6)	1.6977E-04 (95, 6)	1.0346E-04 (56, 6)
15	2.6119E-04 (170, 6)	2.5082E-04 (170, 6)	2.2960E-04 (113, 6)	1.4386E-04 (40, 2)	8.8401E-05 (163, 7)
16	3.0076E-04 (338, 4)	3.0465E-04 (338, 4)	2.8438E-04 (338, 5)	1.9123E-04 (316, 3)	8.6465E-05 (364, 6)
17	3.7965E-04 (317, 5)	3.8042E-04 (317, 5)	3.6207E-04 (317, 5)	1.7362E-04 (350, 3)	1.1472E-04 (350, 3)
18	4.1931E-04 (332, 4)	3.9609E-04 (332, 4)	3.7259E-04 (257, 6)	1.7967E-04 (279, 8)	8.7825E-05 (182, 5)
19	3.9728E-04 (121, 4)	3.8019E-04 (121, 4)	3.4061E-04 (121, 4)	1.4315E-04 (57, 1)	8.1990E-05 (57, 4)
20	4.0679E-04 (282, 5)	3.9433E-04 (282, 5)	3.4417E-04 (311, 4)	1.5819E-04 (57, 2)	1.0112E-04 (18, 8)
21	5.2423E-04 (54, 4)	5.0330E-04 (54, 4)	4.5886E-04 (54, 4)	1.8233E-04 (107, 2)	1.1716E-04 (347, 7)
22	4.8407E-04 (254, 6)	4.6593E-04 (254, 6)	4.2308E-04 (254, 6)	1.5397E-04 (276, 4)	9.9534E-05 (293, 6)
23	4.4320E-04 (54, 4)	4.4266E-04 (54, 4)	4.1945E-04 (306, 5)	1.6477E-04 (54, 4)	1.1393E-04 (244, 1)
24	6.9517E-04 (284, 4)	6.6599E-04 (284, 4)	5.9872E-04 (284, 4)	2.2879E-04 (283, 5)	1.2401E-04 (59, 2)
25	5.2107E-04 (305, 4)	4.7982E-04 (110, 5)	4.0127E-04 (110, 5)	1.9672E-04 (363, 3)	1.3413E-04 (183, 1)
26	3.8957E-04 (303, 4)	3.7082E-04 (303, 4)	3.3117E-04 (303, 4)	1.6945E-04 (115, 7)	1.2298E-04 (188, 8)
27	4.9901E-04 (110, 4)	4.8719E-04 (299, 5)	4.4703E-04 (299, 5)	1.8481E-04 (171, 3)	1.6058E-04 (318, 8)
28	4.1516E-04 (195, 3)	4.0582E-04 (195, 3)	3.7637E-04 (195, 3)	1.8948E-04 (236, 3)	1.1273E-04 (161, 8)
29	4.5812E-04 (225, 4)	4.2635E-04 (240, 4)	3.6959E-04 (240, 4)	1.7064E-04 (140, 4)	9.7916E-05 (140, 3)
30	4.2568E-04 (240, 4)	3.9204E-04 (240, 4)	3.4758E-04 (238, 4)	1.7180E-04 (243, 3)	9.5163E-05 (301, 6)
31	4.8608E-04 (219, 4)	4.6637E-04 (219, 4)	4.1713E-04 (219, 4)	1.6632E-04 (102, 3)	9.5844E-05 (219, 3)
32	5.8884E-04 (6, 4)	5.7422E-04 (6, 4)	5.3561E-04 (6, 4)	2.0402E-04 (65, 4)	9.7702E-05 (9, 3)
33	5.2463E-04 (135, 3)	5.1406E-04 (135, 3)	4.6478E-04 (62, 4)	1.8031E-04 (334, 5)	9.9928E-05 (21, 1)
34	4.2191E-04 (199, 4)	3.7747E-04 (199, 4)	3.2166E-04 (14, 5)	1.7639E-04 (84, 3)	1.0928E-04 (84, 2)
35	3.9168E-04 (251, 4)	3.7830E-04 (321, 5)	3.3019E-04 (249, 5)	1.3794E-04 (53, 3)	8.8319E-05 (205, 8)
36	5.0331E-04 (33, 4)	4.9698E-04 (33, 4)	4.6922E-04 (33, 4)	2.0351E-04 (210, 4)	1.1696E-04 (251, 5)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.2668E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=189

YEAR= 75

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	6.3147E-05 (255)	6.2441E-05 (255)	5.9203E-05 (255)	4.2059E-05 (49)	2.8863E-05 (49)
2	1.0026E-04 (19)	1.0072E-04 (19)	9.8680E-05 (19)	5.2042E-05 (75)	2.6456E-05 (66)
3	9.7570E-05 (118)	9.0334E-05 (118)	7.6474E-05 (118)	3.4778E-05 (82)	1.9589E-05 (82)
4	9.1828E-05 (24)	8.7060E-05 (24)	7.7370E-05 (24)	3.1803E-05 (24)	2.1642E-05 (187)
5	9.2313E-05 (186)	9.1724E-05 (186)	8.6942E-05 (186)	3.0918E-05 (229)	1.9068E-05 (190)
6	6.8483E-05 (181)	6.6357E-05 (205)	6.0889E-05 (208)	2.5503E-05 (191)	1.6299E-05 (191)
7	8.0736E-05 (80)	7.6357E-05 (80)	6.6826E-05 (80)	2.6499E-05 (124)	1.7496E-05 (124)
8	8.6825E-05 (185)	7.8715E-05 (185)	6.5618E-05 (185)	2.7096E-05 (124)	1.4622E-05 (190)
9	1.2668E-04 (189)	1.2016E-04 (189)	1.0833E-04 (189)	4.4430E-05 (158)	2.4187E-05 (158)
10	7.5154E-05 (166)	6.8725E-05 (44)	6.6955E-05 (156)	2.9238E-05 (155)	1.6834E-05 (44)
11	6.6037E-05 (170)	6.2281E-05 (170)	5.4385E-05 (157)	3.1173E-05 (162)	1.3918E-05 (223)
12	5.7421E-05 (224)	5.6584E-05 (224)	5.3111E-05 (224)	2.7289E-05 (336)	1.5143E-05 (138)
13	8.1455E-05 (230)	7.7754E-05 (230)	6.9869E-05 (230)	3.9471E-05 (139)	2.3532E-05 (256)
14	6.5894E-05 (244)	6.1194E-05 (244)	5.2896E-05 (244)	2.8346E-05 (55)	1.8486E-05 (13)
15	5.0060E-05 (226)	4.9764E-05 (226)	4.7545E-05 (226)	3.9577E-05 (56)	2.2670E-05 (13)
16	5.2863E-05 (244)	4.8694E-05 (244)	4.1985E-05 (244)	3.8283E-05 (352)	1.7611E-05 (352)
17	6.3621E-05 (105)	5.9567E-05 (105)	5.1388E-05 (105)	3.9640E-05 (270)	3.0400E-05 (270)
18	5.3899E-05 (361)	5.1508E-05 (361)	4.7365E-05 (356)	4.4581E-05 (270)	3.2108E-05 (269)
19	3.1738E-05 (14)	3.1191E-05 (14)	3.0332E-05 (356)	2.7567E-05 (14)	1.9957E-05 (96)
20	6.6091E-05 (94)	6.5284E-05 (94)	6.4359E-05 (94)	5.0048E-05 (64)	2.5514E-05 (94)
21	8.3738E-05 (14)	8.0471E-05 (14)	7.3262E-05 (14)	3.4511E-05 (14)	2.5122E-05 (361)
22	1.0274E-04 (176)	1.0099E-04 (176)	9.5646E-05 (141)	4.2250E-05 (176)	2.3413E-05 (353)
23	8.9530E-05 (175)	8.4457E-05 (175)	7.7152E-05 (181)	4.3543E-05 (304)	2.6642E-05 (85)
24	7.0515E-05 (285)	6.7620E-05 (285)	6.0257E-05 (285)	4.2367E-05 (277)	2.6991E-05 (240)
25	8.6825E-05 (142)	8.2701E-05 (142)	7.3883E-05 (142)	3.8231E-05 (307)	2.8027E-05 (239)
26	1.0692E-04 (247)	9.8221E-05 (247)	8.3470E-05 (247)	3.9281E-05 (286)	2.0967E-05 (309)
27	1.2599E-04 (322)	1.2244E-04 (247)	1.0821E-04 (236)	6.8480E-05 (86)	3.4052E-05 (86)
28	8.1738E-05 (250)	7.4813E-05 (86)	7.3111E-05 (330)	5.5820E-05 (288)	3.3103E-05 (287)
29	7.1736E-05 (251)	6.9191E-05 (113)	6.7730E-05 (113)	4.9854E-05 (313)	2.9145E-05 (313)
30	8.9164E-05 (143)	8.6798E-05 (143)	8.1286E-05 (143)	5.2138E-05 (263)	3.3143E-05 (263)
31	7.5139E-05 (222)	7.4724E-05 (222)	7.1345E-05 (222)	3.9833E-05 (289)	2.3684E-05 (71)
32	9.5008E-05 (161)	9.1880E-05 (108)	8.2200E-05 (108)	3.4331E-05 (70)	2.1055E-05 (70)
33	7.1370E-05 (28)	7.1054E-05 (28)	6.7170E-05 (198)	4.7314E-05 (11)	2.6948E-05 (151)
34	6.2095E-05 (198)	5.8950E-05 (198)	5.2256E-05 (198)	3.7770E-05 (209)	2.9709E-05 (10)
35	6.3747E-05 (334)	6.1367E-05 (334)	5.5157E-05 (334)	2.9130E-05 (209)	1.9084E-05 (12)
36	9.3027E-05 (351)	9.1981E-05 (351)	8.2088E-05 (202)	5.7258E-05 (12)	2.8080E-05 (12)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MM3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 6.1925E-04 DIRECTION= 7 DISTANCE= 5.5 KM DAY= 80 TIME PERIOD= 5

YEAR= 75

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	4.5555E-04 (118, 3)	4.5147E-04 (118, 3)	4.2502E-04 (118, 3)	1.6677E-04 (18, 5)	1.0416E-04 (50, 7)
2	5.5489E-04 (19, 5)	5.5203E-04 (19, 5)	5.3166E-04 (19, 5)	2.3074E-04 (19, 5)	1.1979E-04 (104, 6)
3	5.0238E-04 (216, 5)	4.6839E-04 (24, 5)	4.2086E-04 (24, 5)	1.8637E-04 (25, 5)	1.0540E-04 (50, 1)
4	4.7299E-04 (130, 5)	4.4518E-04 (130, 5)	3.8687E-04 (130, 5)	1.5719E-04 (133, 4)	9.9310E-05 (209, 6)
5	5.7877E-04 (186, 3)	5.8415E-04 (186, 3)	5.6304E-04 (229, 4)	2.3585E-04 (186, 3)	9.9688E-05 (186, 3)
6	3.6375E-04 (146, 4)	3.2222E-04 (137, 4)	2.7303E-04 (148, 5)	1.4330E-04 (181, 5)	8.8169E-05 (118, 7)
7	6.1925E-04 (80, 5)	5.8731E-04 (80, 5)	5.0725E-04 (185, 5)	1.4430E-04 (80, 5)	7.9050E-05 (98, 7)
8	4.5492E-04 (31, 5)	4.3934E-04 (31, 5)	3.9613E-04 (31, 5)	1.2573E-04 (225, 4)	7.8593E-05 (43, 7)
9	5.6976E-04 (125, 4)	5.4923E-04 (125, 4)	4.9541E-04 (125, 4)	2.0745E-04 (158, 3)	9.4203E-05 (158, 3)
10	4.5392E-04 (134, 6)	4.3000E-04 (134, 6)	3.8500E-04 (267, 4)	1.5870E-04 (171, 6)	8.7896E-05 (127, 6)
11	3.6089E-04 (126, 5)	3.3072E-04 (126, 5)	3.0152E-04 (26, 5)	1.6056E-04 (163, 6)	8.1744E-05 (162, 6)
12	3.4333E-04 (157, 3)	3.4121E-04 (157, 3)	3.2227E-04 (157, 3)	1.5113E-04 (95, 6)	7.6568E-05 (78, 5)
13	3.6347E-04 (291, 4)	3.5695E-04 (155, 3)	3.6152E-04 (155, 3)	1.6648E-04 (328, 6)	1.4103E-04 (133, 7)
14	4.0782E-04 (244, 5)	3.8113E-04 (244, 5)	3.3297E-04 (244, 5)	1.7665E-04 (13, 3)	1.2457E-04 (325, 7)
15	3.0258E-04 (177, 4)	2.8070E-04 (177, 4)	2.4583E-04 (177, 4)	2.0365E-04 (243, 5)	8.9132E-05 (318, 6)
16	2.9495E-04 (62, 5)	2.8825E-04 (62, 5)	2.6389E-04 (62, 5)	1.6762E-04 (352, 4)	1.0449E-04 (203, 7)
17	3.6920E-04 (95, 4)	3.4667E-04 (95, 4)	3.0694E-04 (95, 4)	1.5594E-04 (352, 6)	1.1627E-04 (270, 6)
18	3.4876E-04 (185, 4)	3.3803E-04 (185, 4)	3.0868E-04 (185, 4)	1.8591E-04 (270, 4)	1.1768E-04 (270, 4)
19	2.4860E-04 (300, 4)	2.3536E-04 (300, 4)	2.1092E-04 (300, 4)	1.1219E-04 (327, 2)	9.4900E-05 (327, 2)
20	4.0257E-04 (94, 4)	3.8043E-04 (94, 4)	3.3612E-04 (94, 4)	1.9054E-04 (353, 1)	1.0740E-04 (301, 6)
21	5.2859E-04 (56, 4)	5.0075E-04 (56, 4)	4.4629E-04 (56, 4)	1.8626E-04 (62, 3)	1.1071E-04 (353, 2)
22	3.9447E-04 (353, 5)	3.8237E-04 (353, 5)	3.6734E-04 (176, 3)	1.9545E-04 (176, 3)	1.2949E-04 (237, 8)
23	5.8938E-04 (85, 5)	5.5518E-04 (85, 5)	4.8253E-04 (85, 5)	2.0514E-04 (357, 3)	1.0500E-04 (357, 3)
24	4.1588E-04 (285, 5)	3.9880E-04 (285, 5)	3.5554E-04 (285, 5)	1.6164E-04 (240, 7)	1.4730E-04 (22, 1)
25	5.1996E-04 (276, 4)	5.0349E-04 (276, 4)	4.6452E-04 (276, 4)	1.9463E-04 (112, 3)	1.2790E-04 (320, 8)
26	4.6430E-04 (142, 4)	4.3062E-04 (142, 4)	4.0346E-04 (276, 3)	1.6143E-04 (5, 5)	9.5097E-05 (5, 4)
27	5.3255E-04 (247, 4)	4.8447E-04 (247, 4)	4.3435E-04 (239, 3)	2.1119E-04 (236, 3)	1.4752E-04 (236, 3)
28	4.6775E-04 (320, 5)	4.4793E-04 (320, 5)	4.2042E-04 (212, 3)	1.7802E-04 (212, 3)	1.1145E-04 (315, 1)
29	4.5667E-04 (132, 3)	4.2541E-04 (132, 3)	3.7285E-04 (132, 3)	1.4113E-04 (132, 3)	1.0283E-04 (75, 1)
30	4.6690E-04 (217, 4)	4.5345E-04 (172, 3)	4.2737E-04 (172, 3)	1.7713E-04 (172, 3)	1.0115E-04 (263, 5)
31	5.4998E-04 (168, 3)	5.4757E-04 (168, 3)	5.2115E-04 (168, 3)	2.0692E-04 (168, 3)	1.1159E-04 (210, 1)
32	5.0313E-04 (281, 4)	4.9096E-04 (161, 3)	4.3826E-04 (274, 4)	1.8558E-04 (146, 3)	1.1152E-04 (109, 1)
33	4.7565E-04 (218, 4)	4.3816E-04 (218, 4)	3.8501E-04 (69, 4)	1.6551E-04 (28, 4)	1.1850E-04 (209, 8)
34	4.2165E-04 (114, 5)	3.8123E-04 (280, 4)	3.5029E-04 (280, 4)	1.8070E-04 (54, 4)	9.2217E-05 (173, 7)
35	3.6019E-04 (136, 4)	3.3132E-04 (147, 4)	3.0284E-04 (172, 4)	1.2170E-04 (55, 1)	7.7509E-05 (231, 1)
36	4.9087E-04 (351, 4)	4.7902E-04 (351, 4)	4.4190E-04 (351, 4)	1.6650E-04 (351, 4)	9.7694E-05 (151, 4)

COMPOSITE HIGHEST,SECOND-HIGHEST 24-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	83	79	71	42	29
2	101	101	99	54	27
3	98	90	76	43	27
4	92	87	77	32	22
5	110	102	89	35	19
6	118	115	103	55	26
7	100	95	86	43	22
8	105	96	87	48	27
9	175	168	149	119	55
10	127	121	107	49	30
11	74	72	64	51	23
12	76	68	59	52	26
13	81	78	70	64	28
14	66	61	53	48	26
15	68	65	59	46	23
16	80	78	73	41	21
17	64	60	59	48	30
18	75	71	63	55	36
19	55	53	47	38	21
20	69	66	64	50	29
21	110	112	103	55	29
22	103	101	96	66	30
23	91	86	79	67	35
24	156	146	127	61	42
25	127	124	108	51	31
26	128	122	112	53	29
27	126	122	108	80	45
28	103	97	85	88	46
29	91	87	81	61	33
30	89	87	81	52	37
31	104	102	97	52	28
32	95	92	82	57	32
33	103	96	91	47	30
34	93	86	74	38	30
35	89	79	74	51	29
36	93.	92.	82.	57.	30.

COMPOSITE HIGHEST, SECOND-HIGHEST 3-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	458.	451.	425.	222.	118.
2	555.	552.	532.	231.	120.
3	502.	468.	421.	186.	107.
4	516.	478.	424.	157.	99.
5	598.	584.	563.	236.	107.
6	551.	525.	490.	222.	125.
7	619.	587.	507.	210.	140.
8	555.	541.	494.	191.	100.
9	774.	722.	634.	243.	129.
10	577.	543.	494.	229.	116.
11	465.	427.	374.	198.	101.
12	433.	413.	368.	176.	112.
13	388.	385.	398.	166.	147.
14	435.	426.	392.	212.	151.
15	430.	402.	347.	204.	109.
16	445.	421.	375.	191.	106.
17	404.	394.	362.	191.	116.
18	486.	466.	418.	186.	118.
19	403.	385.	343.	173.	110.
20	407.	394.	344.	193.	107.
21	529.	503.	459.	216.	125.
22	484.	466.	423.	195.	129.
23	589.	555.	483.	214.	127.
24	695.	666.	599.	229.	151.
25	521.	503.	465.	210.	134.
26	523.	523.	509.	197.	123.
27	533.	487.	452.	222.	161.
28	575.	539.	476.	236.	124.
29	481.	470.	438.	229.	133.
30	564.	545.	493.	191.	153.
31	550.	548.	521.	207.	112.
32	589.	574.	536.	208.	134.
33	609.	596.	581.	231.	137.
34	560.	525.	459.	190.	119.
35	392.	378.	330.	190.	134.
36	560.	564.	546.	225.	117.

TECO

UNITS 1-3

BASELINE 24- AND 3-HOUR SO_2

AND 24-HOUR TSP

50 PERCENT LOAD

RING DISTANCES(KM)= 0.50 1.00 1.50 2.00 2.50

STACK # 1--TECO 1R2 50% 35T/H SO2
STACK # 2--TECO 3 50% 35T/H SO2

STACK	MONTH	EMISSION RATE (GMS/SEC)	HEIGHT (METERS)	DIAMETER (METERS)	EXIT VELOCITY (M/SEC)	TEMP (DEG.K)	VOLUMETRIC FLOW (M**3/SEC)
1	ALL	2916.1699	149.40	7.32	16.30	400.00	685.96
2	ALL	1493.8401	149.40	7.32	7.80	394.00	328.25

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAA3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.6785E-04 DIRECTION= 9 DISTANCE= 2.5 KM DAY=128

YEAR= 71

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	1.3226E-09 (238)	2.9316E-05 (236)	4.0495E-05 (236)	5.9458E-05 (229)	6.6508E-05 (236)
2	8.3908E-09 (238)	4.9480E-05 (260)	6.0145E-05 (260)	5.0665E-05 (331)	7.3339E-05 (113)
3	2.9333E-08 (238)	7.4614E-05 (236)	6.4062E-05 (236)	7.8547E-05 (234)	7.5081E-05 (205)
4	5.6574E-08 (238)	8.0560E-05 (238)	8.4577E-05 (215)	6.5154E-05 (215)	6.9226E-05 (205)
5	5.5229E-08 (234)	8.6906E-05 (238)	9.1620E-05 (215)	7.5425E-05 (206)	7.6204E-05 (200)
6	2.5254E-08 (234)	5.1448E-05 (238)	6.9422E-05 (206)	7.5909E-05 (200)	8.3892E-05 (159)
7	6.6017E-09 (234)	3.9427E-05 (238)	6.9677E-05 (230)	8.1750E-05 (179)	8.7497E-05 (207)
8	2.8470E-09 (230)	6.6792E-05 (230)	6.1127E-05 (238)	8.2640E-05 (128)	9.3006E-05 (128)
9	3.7340E-09 (159)	6.8986E-05 (194)	9.7585E-05 (194)	1.3836E-04 (194)	1.6785E-04 (128)
10	3.0445E-09 (159)	4.8640E-05 (194)	6.5498E-05 (194)	8.4380E-05 (204)	1.0395E-04 (168)
11	1.5016E-09 (159)	3.2511E-05 (217)	4.4378E-05 (197)	6.3347E-05 (198)	6.2990E-05 (198)
12	3.2470E-09 (238)	1.2214E-05 (217)	7.2489E-05 (257)	5.7371E-05 (257)	6.7553E-05 (136)
13	2.5604E-09 (262)	2.8139E-05 (159)	4.9300E-05 (257)	3.7923E-05 (257)	5.6096E-05 (141)
14	1.3584E-08 (262)	1.4766E-05 (257)	1.7519E-05 (198)	3.5848E-05 (159)	4.6172E-05 (222)
15	3.9714E-08 (262)	4.6386E-05 (262)	3.6907E-05 (222)	4.1845E-05 (121)	5.2681E-05 (121)
16	3.4381E-08 (159)	4.9610E-05 (159)	3.1458E-05 (121)	4.5727E-05 (262)	5.3402E-05 (169)
17	1.2482E-08 (159)	1.5110E-05 (159)	2.0115E-05 (164)	3.6178E-05 (317)	4.4401E-05 (99)
18	2.4972E-09 (159)	3.8844E-06 (173)	2.3166E-05 (164)	3.9442E-05 (173)	5.3248E-05 (124)
19	8.5154E-10 (263)	6.5465E-06 (262)	2.0489E-05 (263)	3.5446E-05 (98)	3.9989E-05 (221)
20	1.1116E-09 (262)	3.3515E-06 (98)	1.9808E-05 (98)	3.4197E-05 (18)	3.9625E-05 (263)
21	9.0961E-11 (262)	3.0662E-06 (137)	3.2924E-05 (137)	6.3219E-05 (137)	6.3140E-05 (18)
22	5.9750E-11 (164)	5.9572E-06 (164)	3.1355E-05 (164)	5.1473E-05 (142)	6.4031E-05 (47)
23	1.5065E-10 (240)	8.5206E-06 (164)	4.8348E-05 (164)	6.9369E-05 (164)	8.0122E-05 (68)
24	1.9192E-10 (263)	4.7733E-06 (90)	3.6938E-05 (90)	7.4693E-05 (90)	9.8602E-05 (90)
25	1.3918E-09 (231)	5.6719E-06 (152)	2.2193E-05 (90)	4.6455E-05 (90)	6.3974E-05 (90)
26	8.7688E-09 (231)	2.4633E-05 (152)	3.7539E-05 (240)	4.1530E-05 (101)	5.0539E-05 (101)
27	3.0645E-08 (231)	5.3161E-05 (152)	6.6422E-05 (152)	6.9966E-05 (231)	8.6958E-05 (190)
28	5.8385E-08 (240)	9.0448E-05 (240)	8.1157E-05 (240)	7.0415E-05 (101)	9.2649E-05 (101)
29	3.2171E-08 (240)	4.4946E-05 (240)	4.0604E-05 (138)	6.5651E-05 (138)	7.1326E-05 (138)
30	9.7680E-09 (240)	1.1099E-05 (240)	4.6469E-05 (231)	6.5914E-05 (182)	7.6171E-05 (182)
31	1.6342E-09 (240)	6.4757E-06 (218)	2.8325E-05 (236)	4.1445E-05 (182)	4.9234E-05 (230)
32	1.5065E-10 (240)	3.7926E-06 (230)	4.2059E-05 (230)	6.2100E-05 (218)	7.0143E-05 (2)
33	7.1226E-11 (218)	2.8398E-06 (230)	3.4372E-05 (230)	5.4508E-05 (218)	6.8635E-05 (91)
34	4.6014E-11 (211)	6.3141E-06 (218)	3.6109E-05 (259)	5.7038E-05 (218)	7.2474E-05 (187)
35	7.5568E-11 (260)	9.6669E-06 (211)	5.7217E-05 (211)	8.7990E-05 (211)	9.3616E-05 (211)
36	2.8125E-10 (236)	7.3101E-06 (229)	5.2921E-05 (229)	9.0084E-05 (229)	1.0278E-04 (229)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAX3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 7.6543E-04 DIRECTION= 9 DISTANCE= 2.5 KM DAY=238 TIME PERIOD= 5

YEAR= 71

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	1.0581E-08 (238, 4)	2.2498E-04 (236, 5)	2.5947E-04 (229, 4)	3.9441E-04 (229, 4)	3.9351E-04 (260, 5)
2	6.7126E-08 (238, 4)	3.9520E-04 (260, 5)	4.7660E-04 (260, 5)	3.7333E-04 (260, 5)	4.2817E-04 (184, 4)
3	2.3466E-07 (238, 4)	5.9630E-04 (234, 4)	5.0344E-04 (234, 4)	5.4537E-04 (219, 5)	5.5015E-04 (219, 5)
4	4.5202E-07 (238, 4)	6.4427E-04 (238, 4)	6.7660E-04 (215, 4)	5.2114E-04 (215, 4)	4.2517E-04 (215, 4)
5	4.4183E-07 (234, 4)	6.9093E-04 (238, 4)	7.3082E-04 (215, 4)	5.8946E-04 (200, 4)	6.0962E-04 (200, 4)
6	2.0203E-07 (234, 4)	3.8107E-04 (230, 5)	3.7862E-04 (206, 5)	5.7450E-04 (206, 5)	5.8585E-04 (206, 5)
7	9.0432E-08 (238, 4)	2.1839E-04 (234, 4)	4.2934E-04 (103, 4)	4.1320E-04 (160, 4)	4.5321E-04 (207, 5)
8	2.2446E-08 (230, 5)	5.1371E-04 (230, 5)	4.3810E-04 (238, 5)	5.0736E-04 (230, 5)	5.8406E-04 (257, 5)
9	2.9872E-08 (159, 5)	5.3779E-04 (194, 4)	5.8471E-04 (194, 4)	6.8772E-04 (194, 4)	7.6543E-04 (238, 5)
10	2.4356E-08 (159, 5)	3.7714E-04 (194, 4)	3.7799E-04 (194, 4)	4.3605E-04 (178, 4)	5.0793E-04 (178, 4)
11	1.2011E-08 (159, 5)	2.6009E-04 (217, 4)	2.7207E-04 (217, 4)	3.6478E-04 (198, 4)	4.0283E-04 (192, 5)
12	2.5973E-08 (238, 5)	9.7698E-05 (217, 4)	3.5526E-04 (198, 4)	4.5896E-04 (257, 4)	3.7774E-04 (257, 4)
13	2.0483E-08 (262, 4)	2.1152E-04 (159, 5)	1.7980E-04 (198, 5)	2.8051E-04 (122, 4)	3.0961E-04 (122, 4)
14	1.0868E-07 (262, 4)	1.1812E-04 (257, 4)	1.3705E-04 (193, 4)	2.4774E-04 (193, 4)	2.6826E-04 (193, 4)
15	3.1771E-07 (262, 4)	3.7109E-04 (262, 4)	2.5500E-04 (262, 4)	3.1305E-04 (159, 5)	3.0437E-04 (222, 5)
16	2.7505E-07 (159, 5)	3.9687E-04 (159, 5)	2.4143E-04 (159, 5)	3.3949E-04 (169, 4)	3.0985E-04 (121, 4)
17	9.9860E-08 (159, 5)	1.2088E-04 (159, 5)	1.6092E-04 (164, 4)	2.7964E-04 (99, 4)	2.8991E-04 (317, 4)
18	1.9978E-08 (159, 5)	3.1075E-05 (173, 4)	1.8509E-04 (164, 4)	3.1554E-04 (173, 4)	3.2225E-04 (173, 4)
19	6.8123E-09 (263, 5)	5.2372E-05 (262, 4)	1.6391E-04 (263, 5)	2.8352E-04 (257, 4)	3.1988E-04 (221, 4)
20	8.8928E-09 (262, 4)	2.6812E-05 (98, 4)	1.5847E-04 (98, 4)	2.7357E-04 (18, 4)	3.1697E-04 (263, 5)
21	7.2769E-10 (262, 4)	1.7790E-05 (157, 4)	1.5795E-04 (157, 4)	3.6868E-04 (18, 4)	5.0390E-04 (263, 5)
22	4.4198E-10 (164, 4)	3.8214E-05 (164, 4)	1.9697E-04 (164, 4)	2.9803E-04 (142, 5)	4.1519E-04 (142, 5)
23	1.2052E-09 (240, 4)	3.8214E-05 (164, 4)	1.9726E-04 (263, 5)	3.1378E-04 (102, 4)	4.9673E-04 (156, 4)
24	1.5354E-09 (263, 5)	3.2886E-05 (231, 5)	2.2600E-04 (90, 4)	3.7880E-04 (90, 4)	4.4657E-04 (90, 4)
25	1.1054E-08 (231, 4)	4.5375E-05 (152, 4)	1.2890E-04 (90, 4)	2.1051E-04 (285, 4)	3.1862E-04 (137, 4)
26	7.0131E-08 (231, 4)	1.9706E-04 (152, 4)	2.2755E-04 (152, 4)	2.7520E-04 (360, 4)	3.3357E-04 (156, 3)
27	2.4516E-07 (231, 4)	4.2528E-04 (152, 4)	5.3136E-04 (152, 4)	5.0110E-04 (240, 4)	4.6625E-04 (101, 5)
28	4.6708E-07 (240, 4)	7.2358E-04 (240, 4)	6.4925E-04 (240, 4)	5.0110E-04 (240, 4)	4.9830E-04 (101, 5)
29	2.5737E-07 (240, 4)	3.5957E-04 (240, 4)	3.1730E-04 (138, 5)	4.9195E-04 (138, 5)	5.0676E-04 (138, 5)
30	7.8144E-08 (240, 4)	8.8791E-05 (240, 4)	3.4001E-04 (138, 5)	5.0234E-04 (138, 5)	5.0326E-04 (138, 5)
31	1.3074E-08 (240, 4)	5.1791E-05 (218, 4)	2.2641E-04 (236, 5)	3.1696E-04 (236, 5)	3.2106E-04 (182, 4)
32	1.2052E-09 (240, 4)	3.0294E-05 (230, 4)	3.2816E-04 (230, 4)	4.5093E-04 (218, 4)	4.3104E-04 (218, 4)
33	5.4383E-10 (218, 4)	2.2684E-05 (230, 4)	2.4087E-04 (218, 4)	3.5793E-04 (218, 4)	4.7054E-04 (91, 5)
34	3.6811E-10 (211, 4)	3.8619E-05 (211, 4)	2.3580E-04 (218, 5)	3.4404E-04 (260, 4)	4.1472E-04 (187, 4)
35	5.8860E-10 (260, 4)	7.7038E-05 (211, 4)	4.4188E-04 (211, 4)	6.4049E-04 (211, 4)	6.3571E-04 (211, 4)
36	2.2498E-09 (236, 5)	5.4621E-05 (229, 4)	3.5012E-04 (260, 5)	5.5125E-04 (260, 4)	6.1042E-04 (260, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.5681E-04 DIRECTION= 9 DISTANCE= 2.5 KM DAY=124

YEAR= 72

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	6.6853E-11 (211)	5.6547E-06 (211)	2.9504E-05 (211)	4.1639E-05 (211)	5.9161E-05 (107)
2	4.1218E-10 (241)	6.1920E-06 (241)	3.2682E-05 (110)	5.7734E-05 (55)	6.1767E-05 (57)
3	1.5294E-09 (241)	2.8840E-05 (241)	4.8405E-05 (110)	7.4728E-05 (110)	8.0143E-05 (110)
4	9.1580E-09 (229)	6.6770E-05 (241)	4.8231E-05 (241)	7.0244E-05 (195)	7.7521E-05 (195)
5	3.2015E-08 (229)	6.3507E-05 (215)	6.1684E-05 (211)	9.6053E-05 (211)	1.0929E-04 (150)
6	6.1669E-08 (229)	7.4168E-05 (229)	6.2603E-05 (211)	9.4868E-05 (261)	1.0116E-04 (211)
7	6.5460E-08 (229)	8.3552E-05 (238)	6.4187E-05 (216)	9.7224E-05 (194)	1.0600E-04 (194)
8	4.6697E-08 (238)	5.5938E-05 (249)	6.9874E-05 (216)	9.6881E-05 (195)	9.5852E-05 (195)
9	5.9972E-08 (207)	8.0210E-05 (207)	8.8918E-05 (87)	1.3227E-04 (124)	1.5681E-04 (124)
10	4.9017E-08 (150)	7.6067E-05 (222)	8.0691E-05 (183)	1.2612E-04 (242)	1.3999E-04 (242)
11	2.8317E-08 (222)	3.9622E-05 (222)	5.1213E-05 (184)	5.4653E-05 (131)	7.1246E-05 (131)
12	8.2002E-09 (150)	1.1006E-05 (222)	2.0185E-05 (222)	2.7194E-05 (143)	4.0791E-05 (143)
13	1.3719E-09 (150)	2.0202E-06 (23)	1.9436E-05 (23)	5.2186E-05 (146)	8.0245E-05 (184)
14	5.0022E-10 (247)	2.2259E-06 (289)	1.9797E-05 (289)	3.4724E-05 (289)	3.7964E-05 (289)
15	4.2752E-09 (247)	2.9371E-06 (247)	1.3914E-05 (240)	2.8501E-05 (362)	3.5062E-05 (198)
16	1.5081E-09 (184)	4.7777E-06 (263)	1.2097E-05 (240)	2.4966E-05 (240)	2.9740E-05 (240)
17	8.5363E-09 (189)	7.6328E-06 (263)	3.0204E-05 (247)	2.9013E-05 (59)	3.6522E-05 (59)
18	3.1690E-08 (189)	3.0997E-05 (189)	4.0463E-05 (263)	4.1396E-05 (247)	4.7309E-05 (247)
19	5.8860E-08 (247)	6.3755E-05 (247)	3.6902E-05 (247)	4.3153E-05 (189)	4.5142E-05 (189)
20	5.3239E-08 (163)	5.9398E-05 (163)	4.1103E-05 (252)	6.1979E-05 (189)	6.2175E-05 (189)
21	4.7959E-08 (189)	8.4261E-05 (163)	5.4190E-05 (163)	6.2545E-05 (252)	7.6815E-05 (189)
22	1.9551E-08 (189)	5.9398E-05 (163)	3.7045E-05 (163)	4.4165E-05 (265)	5.0567E-05 (283)
23	9.1580E-09 (248)	5.2450E-05 (186)	5.5599E-05 (189)	6.0027E-05 (156)	6.5968E-05 (156)
24	4.9080E-09 (163)	7.9795E-05 (186)	6.4046E-05 (247)	6.7095E-05 (156)	7.0611E-05 (156)
25	7.2063E-09 (247)	7.4014E-05 (248)	5.9961E-05 (186)	6.4040E-05 (86)	7.5165E-05 (265)
26	6.1932E-09 (247)	7.9376E-05 (248)	6.2150E-05 (156)	6.3634E-05 (265)	9.2351E-05 (247)
27	3.0207E-09 (247)	4.3430E-05 (156)	3.3610E-05 (156)	5.3783E-05 (310)	7.0017E-05 (310)
28	8.3316E-10 (247)	1.2783E-05 (247)	3.5130E-05 (186)	5.4492E-05 (230)	6.0840E-05 (197)
29	1.2952E-10 (247)	2.1418E-05 (185)	4.1723E-05 (185)	6.6968E-05 (27)	7.0027E-05 (230)
30	3.7937E-11 (212)	3.2535E-05 (185)	6.6774E-05 (185)	5.8383E-05 (163)	6.3633E-05 (241)
31	8.2632E-11 (212)	2.4585E-05 (185)	4.8030E-05 (185)	4.8187E-05 (196)	6.0439E-05 (196)
32	5.9192E-11 (212)	9.2304E-06 (185)	3.1274E-05 (196)	4.8164E-05 (307)	5.6132E-05 (248)
33	1.3945E-11 (212)	4.6757E-06 (196)	2.9977E-05 (196)	5.7534E-05 (248)	6.2019E-05 (314)
34	1.0996E-10 (215)	2.4678E-06 (186)	1.6822E-05 (223)	3.2891E-05 (314)	4.4263E-05 (314)
35	3.4048E-10 (248)	1.8227E-06 (139)	1.4967E-05 (262)	3.1216E-05 (262)	3.8103E-05 (238)
36	5.8087E-11 (136)	5.1017E-06 (136)	2.0311E-05 (315)	4.2929E-05 (64)	5.4542E-05 (136)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 8.0823E-04 DIRECTION= 9 DISTANCE= 2.5 KM DAY=124 TIME PERIOD= 4

YEAR= 72

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	5.3482E-10 (211, 4)	4.5224E-05 (211, 4)	2.3507E-04 (211, 4)	2.9718E-04 (233, 4)	3.6619E-04 (196, 4)
2	3.2975E-09 (241, 5)	4.9536E-05 (241, 5)	1.9927E-04 (110, 5)	3.7232E-04 (55, 5)	4.4760E-04 (215, 4)
3	1.2235E-08 (241, 5)	2.3072E-04 (241, 5)	3.6930E-04 (110, 5)	5.3392E-04 (110, 5)	4.9125E-04 (215, 4)
4	7.3264E-08 (229, 4)	5.3398E-04 (241, 5)	3.8484E-04 (241, 5)	4.1318E-04 (110, 5)	4.5669E-04 (110, 5)
5	2.5612E-07 (229, 4)	5.0803E-04 (215, 4)	4.1001E-04 (215, 4)	5.5013E-04 (102, 5)	5.9054E-04 (150, 4)
6	4.9335E-07 (229, 4)	5.9237E-04 (229, 4)	4.1740E-04 (206, 4)	5.8684E-04 (261, 5)	6.1242E-04 (261, 5)
7	5.2364E-07 (229, 4)	6.6630E-04 (215, 4)	4.4770E-04 (238, 5)	5.0224E-04 (216, 5)	5.4196E-04 (309, 5)
8	3.7357E-07 (238, 5)	4.4748E-04 (249, 4)	4.8519E-04 (207, 4)	5.3278E-04 (216, 5)	5.1039E-04 (220, 4)
9	4.7977E-07 (207, 4)	6.4164E-04 (207, 4)	6.2531E-04 (207, 4)	6.9351E-04 (242, 4)	8.0823E-04 (124, 4)
10	3.9214E-07 (150, 5)	6.0796E-04 (222, 4)	4.3950E-04 (183, 5)	6.3884E-04 (242, 4)	6.9041E-04 (242, 4)
11	2.2653E-07 (222, 4)	3.1592E-04 (222, 4)	4.0848E-04 (184, 4)	3.7225E-04 (184, 4)	3.7175E-04 (222, 4)
12	6.5602E-08 (150, 5)	8.7854E-05 (222, 4)	1.5433E-04 (222, 4)	1.7583E-04 (112, 4)	2.5094E-04 (97, 5)
13	1.0975E-08 (150, 5)	1.6162E-05 (23, 5)	1.5549E-04 (23, 5)	2.8231E-04 (23, 5)	3.7029E-04 (146, 4)
14	4.0018E-09 (247, 5)	1.7790E-05 (289, 4)	1.5795E-04 (289, 4)	2.7669E-04 (289, 4)	3.0226E-04 (289, 4)
15	3.4202E-08 (247, 5)	2.3497E-05 (247, 5)	1.1131E-04 (240, 5)	2.2626E-04 (198, 6)	2.7834E-04 (240, 5)
16	1.2064E-08 (184, 4)	3.4291E-05 (263, 4)	9.6774E-05 (240, 5)	1.9973E-04 (240, 5)	2.3792E-04 (240, 5)
17	6.8290E-08 (189, 5)	5.3047E-05 (189, 5)	2.3006E-04 (247, 5)	2.3210E-04 (59, 4)	2.9218E-04 (59, 4)
18	2.5352E-07 (189, 5)	2.4765E-04 (189, 5)	2.5037E-04 (263, 5)	2.9197E-04 (157, 5)	3.4183E-04 (59, 4)
19	4.7088E-07 (247, 5)	5.0970E-04 (247, 5)	2.6841E-04 (247, 5)	2.5044E-04 (252, 5)	2.7164E-04 (252, 5)
20	4.2591E-07 (163, 4)	4.7519E-04 (163, 4)	2.9477E-04 (163, 4)	2.7874E-04 (252, 4)	3.0701E-04 (252, 4)
21	3.8367E-07 (189, 5)	6.7409E-04 (163, 4)	4.3352E-04 (163, 4)	3.1976E-04 (189, 4)	3.6020E-04 (256, 5)
22	1.5641E-07 (189, 5)	4.7519E-04 (163, 4)	2.9636E-04 (163, 4)	3.1841E-04 (189, 4)	3.8403E-04 (189, 4)
23	7.3264E-08 (248, 5)	4.1960E-04 (186, 4)	3.6031E-04 (189, 5)	4.2701E-04 (283, 4)	4.9179E-04 (158, 5)
24	3.9264E-08 (163, 4)	4.7736E-04 (247, 4)	3.4341E-04 (156, 4)	5.0764E-04 (186, 4)	4.4543E-04 (283, 4)
25	3.0519E-08 (247, 5)	5.9211E-04 (248, 5)	4.7964E-04 (186, 4)	4.0651E-04 (247, 4)	3.7885E-04 (226, 4)
26	3.0519E-08 (247, 5)	6.0824E-04 (156, 4)	4.7666E-04 (156, 4)	3.8927E-04 (257, 4)	5.2845E-04 (257, 4)
27	1.6817E-08 (247, 5)	3.3841E-04 (248, 5)	2.6708E-04 (156, 4)	3.2675E-04 (267, 4)	4.1640E-04 (207, 3)
28	5.2685E-09 (156, 4)	9.8725E-05 (156, 4)	2.2873E-04 (154, 4)	3.2317E-04 (154, 4)	3.9724E-04 (230, 4)
29	9.9301E-10 (156, 4)	1.7104E-04 (185, 4)	3.3176E-04 (185, 4)	3.1536E-04 (186, 5)	3.3862E-04 (339, 4)
30	1.7150E-09 (248, 5)	2.6028E-04 (185, 4)	5.3413E-04 (185, 4)	4.6700E-04 (163, 4)	4.8793E-04 (241, 4)
31	6.6104E-10 (212, 5)	1.9668E-04 (185, 4)	3.8424E-04 (185, 4)	3.2162E-04 (212, 5)	3.4947E-04 (209, 3)
32	4.7352E-10 (212, 5)	7.3843E-05 (185, 4)	1.5958E-04 (196, 4)	3.2066E-04 (229, 4)	3.7957E-04 (229, 4)
33	1.1155E-10 (212, 5)	3.2975E-05 (186, 4)	2.3788E-04 (229, 4)	4.6026E-04 (248, 4)	3.9475E-04 (215, 4)
34	8.7970E-10 (215, 4)	1.9742E-05 (186, 4)	1.3354E-04 (223, 4)	2.4775E-04 (54, 4)	3.0729E-04 (240, 5)
35	2.7238E-09 (248, 4)	1.4582E-05 (139, 4)	1.1973E-04 (262, 4)	2.4973E-04 (262, 4)	3.0482E-04 (238, 4)
36	4.6470E-10 (136, 4)	4.0814E-05 (136, 4)	1.5802E-04 (64, 4)	3.4343E-04 (64, 4)	4.3633E-04 (136, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.3039E-04 DIRECTION= 8 DISTANCE= 2.5 KM DAY=181

YEAR= 73

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	1.5486E-08 (230)	5.5763E-05 (163)	3.9502E-05 (160)	3.8964E-05 (163)	4.8923E-05 (160)
2	4.0186E-08 (230)	5.4204E-05 (236)	4.9700E-05 (199)	5.0878E-05 (157)	6.1689E-05 (147)
3	5.2246E-08 (199)	5.5397E-05 (199)	5.8583E-05 (236)	8.1870E-05 (215)	8.4117E-05 (215)
4	3.3683E-08 (192)	7.6238E-05 (173)	7.3682E-05 (173)	6.6595E-05 (173)	7.5165E-05 (313)
5	5.2029E-08 (252)	1.0646E-04 (222)	9.7292E-05 (252)	1.0321E-04 (192)	1.1100E-04 (192)
6	6.1015E-08 (192)	1.0696E-04 (252)	1.1175E-04 (252)	1.0919E-04 (252)	1.0688E-04 (186)
7	4.3887E-08 (222)	6.1935E-05 (222)	8.6997E-05 (187)	1.1766E-04 (185)	1.2699E-04 (187)
8	1.6975E-08 (222)	2.4379E-05 (222)	7.9623E-05 (181)	1.2277E-04 (181)	1.3039E-04 (181)
9	4.4976E-09 (259)	1.1823E-05 (132)	7.4571E-05 (152)	1.1411E-04 (132)	1.2445E-04 (132)
10	8.0996E-09 (218)	2.3687E-05 (259)	5.0292E-05 (132)	8.2155E-05 (132)	9.5257E-05 (132)
11	1.5012E-09 (218)	1.1134E-05 (218)	6.0088E-05 (208)	7.3089E-05 (169)	8.0905E-05 (169)
12	8.1422E-10 (235)	5.0804E-06 (143)	2.6133E-05 (143)	4.5010E-05 (100)	5.0084E-05 (259)
13	5.8194E-09 (235)	3.7253E-06 (235)	1.9724E-05 (103)	4.0085E-05 (259)	3.2212E-05 (259)
14	1.9952E-08 (259)	1.7681E-05 (235)	2.6575E-05 (197)	4.0116E-05 (197)	5.0432E-05 (103)
15	1.2075E-08 (119)	4.3855E-05 (235)	3.2284E-05 (235)	3.6811E-05 (103)	4.4197E-05 (103)
16	3.0797E-08 (131)	6.2647E-05 (131)	4.6948E-05 (131)	4.8181E-05 (95)	5.7641E-05 (356)
17	4.4699E-08 (238)	1.2607E-04 (131)	1.0132E-04 (131)	7.8198E-05 (119)	6.4034E-05 (119)
18	5.5891E-08 (131)	8.6047E-05 (119)	5.7040E-05 (119)	6.2131E-05 (221)	6.7180E-05 (131)
19	3.0797E-08 (131)	6.2889E-05 (131)	3.7076E-05 (238)	4.8274E-05 (131)	4.9694E-05 (305)
20	1.7657E-08 (221)	2.7038E-05 (238)	4.0919E-05 (183)	7.2665E-05 (183)	8.0637E-05 (183)
21	2.9118E-08 (191)	5.5918E-05 (221)	5.1996E-05 (221)	9.7040E-05 (183)	1.1431E-04 (183)
22	6.5521E-08 (221)	8.5434E-05 (221)	7.6882E-05 (221)	8.3124E-05 (221)	8.5395E-05 (221)
23	5.1632E-08 (221)	6.8393E-05 (221)	8.8806E-05 (221)	1.1025E-04 (191)	1.0058E-04 (191)
24	2.2422E-08 (221)	2.8578E-05 (221)	5.4785E-05 (221)	7.9905E-05 (221)	7.9767E-05 (240)
25	1.6172E-08 (232)	4.9439E-05 (260)	5.6619E-05 (191)	7.5418E-05 (260)	8.9945E-05 (260)
26	1.3847E-08 (191)	3.6501E-05 (232)	4.7735E-05 (154)	8.1697E-05 (154)	9.3449E-05 (154)
27	3.1868E-09 (260)	5.6375E-05 (232)	5.2425E-05 (232)	7.2380E-05 (158)	7.7939E-05 (158)
28	1.4685E-09 (260)	2.5921E-05 (260)	5.5211E-05 (232)	8.4713E-05 (239)	9.0910E-05 (239)
29	2.0970E-09 (233)	7.2407E-06 (239)	3.9701E-05 (238)	7.2769E-05 (238)	8.7111E-05 (238)
30	4.9104E-09 (232)	5.1325E-06 (204)	2.6619E-05 (202)	5.7947E-05 (202)	7.3291E-05 (121)
31	6.4728E-10 (232)	8.9184E-06 (261)	2.9306E-05 (217)	3.8626E-05 (238)	5.5232E-05 (322)
32	1.6294E-09 (261)	3.6116E-05 (261)	6.0709E-05 (224)	9.2663E-05 (217)	9.3464E-05 (157)
33	2.9570E-09 (261)	7.2679E-05 (261)	7.0390E-05 (224)	1.0621E-04 (224)	1.1348E-04 (217)
34	2.9570E-09 (261)	3.4167E-05 (233)	5.9232E-05 (217)	7.0626E-05 (202)	8.6097E-05 (202)
35	6.1130E-09 (199)	3.6116E-05 (261)	3.7672E-05 (228)	6.4804E-05 (228)	7.1919E-05 (177)
36	3.3952E-09 (163)	2.3935E-05 (199)	5.4631E-05 (160)	7.6145E-05 (163)	7.0984E-05 (163)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAX3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 8.2484E-04 DIRECTION= 6 DISTANCE= 1.0 KM DAY=222 TIME PERIOD= 4

YEAR= 73

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	1.2389E-07 (236, 4)	4.4463E-04 (163, 4)	2.9209E-04 (199, 4)	2.8123E-04 (163, 4)	3.0867E-04 (226, 4)
2	3.2148E-07 (236, 4)	4.3364E-04 (236, 4)	3.4176E-04 (151, 4)	4.0702E-04 (157, 5)	4.1622E-04 (157, 5)
3	4.1797E-07 (199, 4)	4.4317E-04 (199, 4)	3.6101E-04 (151, 5)	4.4937E-04 (151, 4)	5.5978E-04 (269, 5)
4	2.6940E-07 (192, 4)	6.0123E-04 (222, 4)	5.5938E-04 (222, 4)	4.5779E-04 (192, 4)	4.5044E-04 (165, 4)
5	4.1623E-07 (252, 4)	7.2966E-04 (252, 4)	7.7005E-04 (222, 4)	6.3682E-04 (192, 4)	5.5674E-04 (192, 4)
6	4.8812E-07 (192, 4)	8.2484E-04 (222, 4)	7.2665E-04 (222, 4)	5.5689E-04 (222, 4)	5.2515E-04 (209, 4)
7	3.5088E-07 (222, 4)	4.8179E-04 (222, 4)	4.4199E-04 (216, 5)	6.3474E-04 (216, 5)	6.2867E-04 (216, 5)
8	1.3521E-07 (222, 4)	1.5136E-04 (222, 4)	4.2309E-04 (185, 4)	6.8329E-04 (218, 4)	7.2705E-04 (181, 4)
9	3.5975E-08 (259, 4)	5.2084E-05 (140, 5)	3.5572E-04 (132, 5)	5.3198E-04 (152, 4)	5.8529E-04 (152, 4)
10	6.4797E-08 (218, 4)	1.7573E-04 (259, 4)	2.8342E-04 (218, 4)	4.1435E-04 (140, 4)	4.7847E-04 (140, 4)
11	1.2010E-08 (218, 4)	8.8931E-05 (218, 4)	4.0067E-04 (208, 4)	3.3448E-04 (259, 4)	3.7203E-04 (235, 6)
12	6.5137E-09 (235, 5)	4.0472E-05 (143, 5)	2.0273E-04 (143, 5)	2.9222E-04 (208, 4)	3.2618E-04 (100, 4)
13	4.6555E-08 (235, 5)	2.8299E-05 (235, 5)	1.3559E-04 (103, 5)	2.4334E-04 (103, 5)	2.5761E-04 (259, 4)
14	1.5962E-07 (259, 4)	1.4135E-04 (235, 5)	2.1260E-04 (197, 5)	3.2092E-04 (197, 5)	3.7507E-04 (103, 5)
15	9.0399E-08 (119, 5)	2.9496E-04 (119, 4)	2.4374E-04 (119, 4)	2.4716E-04 (30, 5)	3.4905E-04 (118, 4)
16	2.4638E-07 (131, 4)	5.0117E-04 (131, 4)	3.7422E-04 (131, 4)	2.8632E-04 (95, 5)	3.0997E-04 (119, 4)
17	3.5759E-07 (238, 5)	6.3727E-04 (119, 5)	4.5165E-04 (119, 4)	3.4807E-04 (119, 4)	3.3652E-04 (53, 4)
18	4.4713E-07 (131, 4)	6.6220E-04 (238, 5)	3.7380E-04 (238, 5)	3.1382E-04 (190, 5)	3.9169E-04 (103, 4)
19	2.4638E-07 (131, 4)	5.0311E-04 (131, 4)	2.9661E-04 (238, 5)	3.8619E-04 (131, 4)	3.5882E-04 (131, 4)
20	1.4126E-07 (221, 5)	2.1630E-04 (238, 5)	2.0043E-04 (183, 4)	3.1766E-04 (183, 4)	3.3708E-04 (305, 4)
21	1.2427E-07 (191, 4)	4.3902E-04 (221, 5)	3.0355E-04 (183, 4)	5.2707E-04 (183, 4)	4.9343E-04 (233, 5)
22	3.4228E-07 (191, 4)	4.2256E-04 (233, 5)	3.8350E-04 (191, 4)	5.0055E-04 (78, 4)	5.9332E-04 (78, 4)
23	5.1179E-07 (191, 5)	6.4832E-04 (191, 5)	5.0902E-04 (221, 5)	5.1587E-04 (221, 5)	4.6921E-04 (221, 5)
24	4.3449E-07 (191, 4)	5.4440E-04 (191, 4)	3.5505E-04 (191, 5)	3.8590E-04 (191, 4)	3.4036E-04 (235, 4)
25	2.0025E-07 (191, 4)	2.4356E-04 (191, 5)	3.1173E-04 (191, 4)	3.6739E-04 (235, 4)	5.3304E-04 (240, 5)
26	5.9882E-08 (191, 5)	2.9195E-04 (232, 4)	2.4040E-04 (154, 5)	3.6700E-04 (154, 5)	3.7134E-04 (154, 5)
27	2.5494E-08 (260, 5)	4.5099E-04 (232, 4)	4.1759E-04 (232, 4)	4.2790E-04 (232, 4)	4.1097E-04 (232, 4)
28	1.1748E-08 (260, 5)	2.0535E-04 (260, 5)	4.4147E-04 (232, 4)	6.0082E-04 (232, 4)	6.5877E-04 (232, 4)
29	1.6776E-08 (233, 5)	4.1112E-05 (260, 5)	2.0326E-04 (158, 4)	3.4296E-04 (168, 4)	3.5994E-04 (239, 5)
30	3.9284E-08 (232, 4)	4.1060E-05 (204, 5)	2.0419E-04 (204, 5)	2.8722E-04 (238, 3)	3.7196E-04 (106, 4)
31	5.1782E-09 (232, 4)	7.1347E-05 (261, 4)	2.0539E-04 (204, 5)	2.7822E-04 (204, 5)	3.8734E-04 (112, 4)
32	1.3035E-08 (261, 4)	2.8893E-04 (261, 4)	3.1127E-04 (224, 5)	4.2991E-04 (157, 4)	4.8909E-04 (322, 5)
33	2.3656E-08 (261, 4)	5.8143E-04 (261, 4)	3.7762E-04 (224, 5)	5.3805E-04 (202, 5)	5.7071E-04 (224, 5)
34	2.3656E-08 (261, 4)	2.7334E-04 (233, 5)	2.9322E-04 (217, 4)	4.5004E-04 (261, 4)	5.0559E-04 (226, 4)
35	4.8904E-08 (199, 4)	2.8893E-04 (261, 4)	2.6824E-04 (261, 4)	3.2129E-04 (163, 4)	3.2376E-04 (150, 4)
36	2.7162E-08 (163, 4)	1.9148E-04 (199, 4)	2.5883E-04 (160, 4)	3.4971E-04 (160, 4)	3.6267E-04 (226, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.4781E-04 DIRECTION= 9 DISTANCE= 2.5 KM DAY=231

YEAR= 74

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
DIR					
1	2.8532E-08 (237)	8.2310E-05 (221)	5.6969E-05 (221)	7.0323E-05 (242)	6.8043E-05 (98)
2	7.2448E-09 (237)	5.5806E-05 (161)	4.8366E-05 (207)	4.9190E-05 (310)	6.5547E-05 (127)
3	1.6902E-08 (199)	1.7826E-05 (199)	4.9244E-05 (207)	6.8831E-05 (152)	6.5792E-05 (166)
4	8.1697E-09 (221)	5.0678E-05 (173)	5.2827E-05 (173)	6.0069E-05 (229)	7.4075E-05 (158)
5	3.0501E-09 (200)	7.7262E-05 (173)	7.2544E-05 (200)	7.8872E-05 (234)	7.9562E-05 (234)
6	7.2305E-09 (156)	6.2766E-05 (199)	7.0591E-05 (173)	1.0084E-04 (200)	1.0876E-04 (129)
7	2.1452E-08 (199)	3.1783E-05 (156)	6.4521E-05 (200)	8.8974E-05 (197)	9.3291E-05 (197)
8	5.1320E-09 (199)	4.9729E-05 (109)	5.1967E-05 (197)	9.0059E-05 (196)	1.0602E-04 (148)
9	2.1669E-09 (109)	7.5654E-05 (109)	6.6430E-05 (198)	1.0559E-04 (198)	1.4781E-04 (231)
10	3.6922E-09 (223)	6.4853E-05 (211)	7.5114E-05 (211)	6.9240E-05 (223)	9.2128E-05 (121)
11	3.9186E-09 (223)	7.3133E-05 (211)	7.6207E-05 (211)	6.1554E-05 (167)	7.4029E-05 (200)
12	2.4531E-09 (156)	4.3944E-05 (223)	4.8662E-05 (223)	5.1980E-05 (211)	5.2347E-05 (200)
13	7.3859E-10 (223)	1.1625E-05 (223)	2.5343E-05 (237)	4.4139E-05 (167)	4.4457E-05 (211)
14	2.2004E-10 (234)	2.7758E-06 (234)	8.2718E-06 (237)	2.7590E-05 (99)	2.7521E-05 (211)
15	1.0362E-09 (234)	1.7099E-05 (234)	1.4264E-05 (211)	2.3899E-05 (128)	3.2532E-05 (364)
16	2.8133E-10 (211)	3.5875E-06 (211)	2.5638E-05 (282)	3.8047E-05 (338)	5.1797E-05 (338)
17	3.1943E-10 (243)	3.4788E-06 (243)	2.0332E-05 (282)	4.4027E-05 (282)	4.9872E-05 (338)
18	1.9214E-09 (196)	1.9985E-05 (243)	2.8109E-05 (108)	5.0432E-05 (311)	6.3678E-05 (108)
19	3.4650E-09 (243)	2.2617E-05 (234)	2.2866E-05 (108)	3.5128E-05 (311)	4.1311E-05 (108)
20	4.6679E-09 (243)	4.1828E-05 (196)	2.4505E-05 (114)	4.6003E-05 (243)	5.5892E-05 (311)
21	1.8447E-08 (233)	5.7050E-05 (243)	4.0121E-05 (243)	5.1320E-05 (264)	6.6347E-05 (264)
22	4.7870E-08 (233)	5.7153E-05 (233)	4.7604E-05 (233)	6.5807E-05 (172)	6.6856E-05 (171)
23	4.2987E-08 (190)	7.4920E-05 (190)	6.0193E-05 (190)	5.9237E-05 (233)	7.2842E-05 (286)
24	5.3930E-08 (233)	7.4920E-05 (190)	6.0193E-05 (190)	6.8101E-05 (238)	9.5228E-05 (284)
25	2.3687E-08 (190)	8.6263E-05 (204)	6.5927E-05 (204)	8.3874E-05 (286)	1.0455E-04 (307)
26	3.7579E-08 (180)	6.6203E-05 (204)	6.7560E-05 (260)	9.9865E-05 (305)	1.2366E-04 (305)
27	6.0995E-08 (227)	7.9358E-05 (227)	7.2973E-05 (260)	1.1369E-04 (110)	1.2527E-04 (110)
28	6.0995E-08 (227)	7.9556E-05 (227)	7.0734E-05 (227)	7.8611E-05 (172)	8.0885E-05 (172)
29	3.5110E-08 (240)	7.2784E-05 (164)	7.0791E-05 (164)	1.0395E-04 (240)	9.9888E-05 (221)
30	2.9808E-08 (159)	7.9435E-05 (243)	7.6066E-05 (243)	7.7660E-05 (221)	6.7210E-05 (67)
31	6.3701E-08 (240)	6.7884E-05 (159)	7.0198E-05 (243)	6.9185E-05 (243)	8.4073E-05 (136)
32	5.1365E-08 (221)	8.4111E-05 (159)	6.7989E-05 (226)	7.9696E-05 (241)	7.7650E-05 (187)
33	5.1031E-08 (159)	8.0800E-05 (97)	8.7858E-05 (221)	9.2020E-05 (221)	9.0450E-05 (221)
34	4.8785E-08 (237)	6.3574E-05 (221)	6.9031E-05 (159)	8.5806E-05 (226)	8.1882E-05 (199)
35	3.5672E-08 (221)	3.6343E-05 (221)	4.8716E-05 (226)	7.4058E-05 (242)	8.3308E-05 (159)
36	4.8043E-08 (221)	6.7615E-05 (237)	5.0002E-05 (242)	6.1031E-05 (161)	5.2897E-05 (161)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 8.3060E-04 DIRECTION= 29 DISTANCE= 2.0 KM DAY=240 TIME PERIOD= 4

YEAR= 74

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	2.2826E-07 (237, 5)	6.5329E-04 (221, 5)	4.3332E-04 (221, 5)	3.5314E-04 (242, 5)	3.7552E-04 (98, 5)
2	5.7958E-08 (237, 5)	4.4644E-04 (161, 4)	3.7139E-04 (221, 5)	3.7011E-04 (207, 5)	4.6248E-04 (207, 5)
3	1.3521E-07 (199, 5)	1.4261E-04 (199, 5)	2.2614E-04 (158, 5)	3.0716E-04 (86, 4)	3.3300E-04 (256, 4)
4	6.5357E-08 (221, 5)	4.0542E-04 (173, 5)	3.8670E-04 (158, 5)	4.5132E-04 (229, 4)	5.3712E-04 (158, 5)
5	2.4401E-08 (200, 4)	6.1809E-04 (173, 5)	5.7637E-04 (200, 4)	5.3845E-04 (204, 5)	5.2769E-04 (204, 5)
6	5.7320E-08 (156, 4)	5.0213E-04 (199, 5)	5.6140E-04 (173, 5)	5.8637E-04 (151, 5)	5.9188E-04 (151, 5)
7	1.7161E-07 (199, 5)	2.4293E-04 (156, 4)	3.8028E-04 (173, 5)	4.6366E-04 (129, 4)	5.2735E-04 (226, 5)
8	4.1056E-08 (199, 5)	3.9783E-04 (109, 5)	3.7185E-04 (197, 5)	5.5510E-04 (197, 5)	5.9733E-04 (223, 5)
9	1.7335E-08 (109, 5)	6.0523E-04 (109, 5)	4.5723E-04 (156, 4)	5.7974E-04 (243, 5)	6.5053E-04 (151, 4)
10	2.9535E-08 (223, 4)	4.9128E-04 (211, 5)	5.8432E-04 (211, 5)	4.9829E-04 (211, 5)	4.7630E-04 (211, 5)
11	3.1349E-08 (223, 4)	4.2685E-04 (211, 5)	4.9587E-04 (211, 5)	3.9679E-04 (211, 5)	4.4779E-04 (223, 4)
12	1.9625E-08 (156, 4)	3.5038E-04 (223, 4)	3.5212E-04 (223, 4)	3.1708E-04 (195, 5)	3.2325E-04 (195, 5)
13	5.9087E-09 (223, 4)	9.2790E-05 (223, 4)	2.0275E-04 (237, 5)	3.0385E-04 (237, 5)	3.0594E-04 (237, 5)
14	1.7603E-09 (234, 4)	2.2203E-05 (234, 4)	6.6174E-05 (237, 5)	1.3803E-04 (99, 5)	2.0858E-04 (99, 5)
15	8.2899E-09 (234, 4)	1.3679E-04 (234, 4)	1.1399E-04 (211, 4)	1.9118E-04 (128, 4)	2.6026E-04 (364, 5)
16	2.2507E-09 (211, 4)	2.8700E-05 (211, 4)	1.5746E-04 (282, 4)	2.8210E-04 (234, 4)	3.0973E-04 (109, 6)
17	2.5554E-09 (243, 5)	2.7830E-05 (243, 5)	1.3983E-04 (180, 5)	2.4806E-04 (41, 5)	2.8856E-04 (41, 5)
18	1.5371E-08 (196, 4)	1.5988E-04 (243, 5)	1.7103E-04 (311, 5)	3.3290E-04 (234, 4)	3.2428E-04 (211, 4)
19	2.7720E-08 (243, 5)	1.8094E-04 (234, 4)	1.6259E-04 (108, 5)	2.3051E-04 (243, 5)	2.5918E-04 (108, 5)
20	3.7343E-08 (243, 5)	3.3462E-04 (196, 4)	1.9556E-04 (114, 4)	3.3248E-04 (311, 4)	3.9182E-04 (282, 4)
21	1.4758E-07 (233, 4)	4.5640E-04 (243, 5)	3.2085E-04 (243, 5)	3.5622E-04 (281, 4)	4.3476E-04 (264, 5)
22	3.8296E-07 (233, 4)	4.5723E-04 (233, 4)	3.8084E-04 (233, 4)	4.1173E-04 (265, 4)	5.1996E-04 (172, 4)
23	3.4390E-07 (190, 4)	5.9936E-04 (190, 4)	4.8155E-04 (190, 4)	4.7116E-04 (172, 4)	4.1428E-04 (339, 4)
24	4.3144E-07 (233, 4)	5.9936E-04 (190, 4)	4.8155E-04 (190, 4)	5.4429E-04 (286, 5)	5.6267E-04 (306, 4)
25	1.8950E-07 (190, 4)	6.9010E-04 (204, 4)	5.2736E-04 (204, 4)	5.9184E-04 (238, 4)	6.1104E-04 (110, 5)
26	3.0063E-07 (180, 4)	5.2960E-04 (204, 4)	5.3012E-04 (180, 4)	5.4048E-04 (180, 4)	5.2986E-04 (110, 4)
27	4.8796E-07 (227, 4)	6.3486E-04 (227, 4)	5.8379E-04 (260, 4)	6.0675E-04 (180, 4)	5.6703E-04 (170, 4)
28	4.8796E-07 (227, 4)	6.3499E-04 (172, 4)	5.6582E-04 (227, 4)	4.5955E-04 (227, 4)	3.8693E-04 (227, 4)
29	2.8088E-07 (240, 4)	5.8227E-04 (164, 4)	5.6630E-04 (164, 4)	8.3060E-04 (240, 4)	7.9910E-04 (221, 4)
30	2.3847E-07 (159, 5)	6.3548E-04 (243, 4)	6.0663E-04 (243, 4)	6.2104E-04 (221, 4)	5.3247E-04 (221, 4)
31	5.0960E-07 (240, 4)	5.4297E-04 (159, 5)	5.6083E-04 (243, 4)	5.4568E-04 (243, 4)	5.1128E-04 (243, 4)
32	4.1078E-07 (221, 4)	6.7044E-04 (159, 5)	5.4358E-04 (226, 4)	5.5852E-04 (226, 4)	5.6258E-04 (64, 4)
33	4.0820E-07 (159, 5)	6.4618E-04 (97, 5)	5.7602E-04 (97, 5)	6.0992E-04 (97, 5)	5.9306E-04 (97, 5)
34	3.9028E-07 (237, 5)	4.7571E-04 (221, 4)	3.5194E-04 (221, 4)	5.4797E-04 (199, 4)	5.6705E-04 (226, 4)
35	1.6676E-07 (221, 4)	2.6504E-04 (226, 4)	3.8973E-04 (226, 4)	3.5492E-04 (236, 5)	4.3484E-04 (236, 5)
36	3.4676E-07 (221, 5)	5.4092E-04 (237, 5)	3.0785E-04 (237, 5)	3.1633E-04 (246, 4)	3.6879E-04 (210, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAX3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.3648E-04 DIRECTION= 27 DISTANCE= 2.5 KM DAY=248

YEAR= 75

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	6.5456E-08 (162)	8.0182E-05 (162)	6.4233E-05 (162)	7.3399E-05 (99)	7.5085E-05 (120)
2	5.9268E-08 (218)	6.9897E-05 (218)	5.6751E-05 (92)	5.9839E-05 (119)	9.8782E-05 (66)
3	4.9754E-08 (126)	6.9447E-05 (179)	4.4342E-05 (126)	6.4664E-05 (135)	7.9847E-05 (135)
4	6.2913E-08 (171)	8.2136E-05 (145)	5.5865E-05 (145)	8.5171E-05 (122)	8.9439E-05 (122)
5	4.6697E-08 (171)	6.2118E-05 (171)	7.0760E-05 (161)	7.9235E-05 (132)	9.0780E-05 (137)
6	5.9038E-08 (181)	7.4516E-05 (176)	5.9525E-05 (230)	8.8086E-05 (181)	9.3279E-05 (146)
7	3.0658E-08 (181)	8.0234E-05 (176)	9.7634E-05 (185)	1.1197E-04 (178)	1.1643E-04 (178)
8	1.3588E-08 (243)	5.0540E-05 (230)	9.1442E-05 (185)	9.7771E-05 (115)	1.1730E-04 (185)
9	1.2337E-08 (176)	5.4617E-05 (206)	6.9800E-05 (230)	1.1898E-04 (165)	1.3539E-04 (179)
10	1.8758E-08 (97)	1.0107E-04 (206)	1.0808E-04 (206)	9.5598E-05 (166)	1.0340E-04 (179)
11	3.8311E-08 (97)	9.9572E-05 (206)	9.3288E-05 (243)	7.1548E-05 (243)	7.3277E-05 (166)
12	2.7779E-08 (243)	5.1105E-05 (243)	4.6602E-05 (206)	3.8269E-05 (231)	4.4784E-05 (231)
13	1.6178E-08 (177)	1.9154E-05 (177)	2.8889E-05 (230)	6.0889E-05 (244)	8.5707E-05 (226)
14	9.1643E-09 (97)	1.2718E-05 (97)	2.6434E-05 (180)	4.6781E-05 (180)	5.6141E-05 (180)
15	2.1504E-09 (144)	4.0135E-05 (144)	2.8352E-05 (144)	5.1194E-05 (244)	5.0004E-05 (177)
16	3.6768E-09 (144)	6.6212E-05 (177)	5.6747E-05 (144)	4.6669E-05 (95)	5.8446E-05 (95)
17	3.4641E-09 (144)	2.4874E-05 (177)	3.8046E-05 (95)	3.9188E-05 (144)	4.5990E-05 (106)
18	1.7984E-09 (144)	1.5940E-05 (143)	2.2498E-05 (144)	3.4021E-05 (95)	4.0634E-05 (356)
19	1.7984E-09 (181)	2.1374E-05 (181)	1.9310E-05 (94)	3.8652E-05 (228)	3.9062E-05 (94)
20	3.5757E-09 (143)	4.6154E-05 (181)	3.8200E-05 (106)	4.8121E-05 (143)	5.8606E-05 (94)
21	3.6786E-09 (181)	4.9964E-05 (181)	4.3674E-05 (181)	5.0070E-05 (176)	6.4257E-05 (106)
22	2.1581E-09 (181)	2.8986E-05 (181)	3.7459E-05 (181)	5.6951E-05 (141)	8.0747E-05 (176)
23	9.4706E-10 (116)	1.6855E-05 (116)	3.1014E-05 (181)	4.8633E-05 (181)	6.5238E-05 (175)
24	3.2163E-09 (116)	4.4338E-05 (176)	5.2457E-05 (116)	5.1812E-05 (247)	5.7127E-05 (247)
25	6.0249E-09 (116)	3.0892E-05 (57)	7.8675E-05 (57)	8.0403E-05 (57)	7.6293E-05 (57)
26	6.2245E-09 (116)	2.2787E-05 (57)	5.7818E-05 (247)	9.2294E-05 (116)	9.1342E-05 (253)
27	4.9082E-09 (219)	2.7155E-05 (217)	6.6511E-05 (248)	1.1595E-04 (248)	1.3648E-04 (248)
28	2.1776E-08 (219)	2.0847E-05 (219)	5.0295E-05 (248)	8.2965E-05 (248)	9.6703E-05 (250)
29	5.3239E-08 (219)	5.9539E-05 (219)	4.5113E-05 (143)	7.2316E-05 (250)	8.0544E-05 (250)
30	4.6772E-08 (217)	7.8434E-05 (143)	6.5782E-05 (219)	7.3831E-05 (219)	8.4345E-05 (219)
31	4.6692E-08 (242)	5.9629E-05 (219)	4.7683E-05 (242)	5.8221E-05 (114)	5.7589E-05 (114)
32	2.1776E-08 (219)	3.0728E-05 (143)	3.9466E-05 (114)	6.6586E-05 (258)	7.0176E-05 (274)
33	4.9080E-09 (219)	4.2952E-05 (205)	5.9425E-05 (205)	7.8755E-05 (205)	8.1905E-05 (114)
34	9.1580E-09 (162)	2.2131E-05 (242)	6.0085E-05 (114)	7.4109E-05 (205)	8.1243E-05 (216)
35	1.6954E-08 (218)	2.8828E-05 (205)	2.9933E-05 (114)	5.5742E-05 (209)	6.4938E-05 (147)
36	4.6697E-08 (218)	5.2858E-05 (218)	4.3574E-05 (218)	4.8466E-05 (202)	5.2115E-05 (249)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAX3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 8.0421E-04 DIRECTION= 10 DISTANCE= 1.5 KM DAY=206 TIME PERIOD= 4

YEAR= 75

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
DIR					
1	5.2364E-07 (162, 4)	6.4146E-04 (162, 4)	5.1386E-04 (162, 4)	5.8203E-04 (99, 5)	6.0068E-04 (120, 4)
2	4.7414E-07 (218, 4)	5.5917E-04 (218, 4)	4.4705E-04 (126, 4)	3.6125E-04 (218, 4)	4.7207E-04 (92, 5)
3	3.9803E-07 (120, 4)	5.5530E-04 (179, 5)	3.2456E-04 (179, 5)	4.2860E-04 (216, 5)	5.2895E-04 (216, 5)
4	5.0321E-07 (171, 4)	6.5618E-04 (145, 4)	4.3552E-04 (145, 4)	3.8879E-04 (145, 4)	4.3464E-04 (122, 4)
5	3.7354E-07 (171, 4)	4.8719E-04 (171, 4)	4.5958E-04 (132, 4)	6.3274E-04 (132, 4)	6.1084E-04 (132, 4)
6	4.7230E-07 (181, 5)	5.9578E-04 (176, 4)	4.7607E-04 (230, 4)	6.0181E-04 (146, 4)	6.3097E-04 (146, 4)
7	2.4527E-07 (181, 5)	6.3033E-04 (185, 4)	5.5578E-04 (185, 4)	5.6427E-04 (181, 5)	5.7343E-04 (181, 5)
8	1.0871E-07 (243, 4)	3.9683E-04 (230, 4)	5.5081E-04 (185, 4)	5.8055E-04 (185, 4)	5.4493E-04 (230, 4)
9	9.8698E-08 (176, 4)	3.9527E-04 (206, 4)	4.4377E-04 (227, 5)	6.4603E-04 (166, 5)	6.7073E-04 (166, 5)
10	1.4989E-07 (97, 4)	7.9543E-04 (206, 4)	8.0421E-04 (206, 4)	6.2074E-04 (206, 4)	5.0777E-04 (206, 4)
11	3.0647E-07 (97, 4)	7.9543E-04 (206, 4)	7.4628E-04 (243, 4)	5.7198E-04 (243, 4)	4.6518E-04 (243, 4)
12	2.2223E-07 (243, 4)	4.0884E-04 (243, 4)	3.7199E-04 (206, 4)	2.9409E-04 (128, 4)	3.0927E-04 (177, 5)
13	1.2943E-07 (177, 4)	1.5044E-04 (177, 4)	2.0207E-04 (97, 4)	2.9728E-04 (180, 5)	3.8107E-04 (226, 4)
14	7.3314E-08 (97, 4)	1.0175E-04 (97, 4)	1.9024E-04 (180, 5)	3.0581E-04 (328, 5)	4.2309E-04 (244, 5)
15	1.7204E-08 (144, 4)	3.2108E-04 (144, 4)	2.2682E-04 (144, 4)	2.8250E-04 (297, 4)	3.1496E-04 (297, 4)
16	2.9415E-08 (144, 4)	5.2970E-04 (177, 4)	4.5397E-04 (144, 4)	3.4057E-04 (144, 4)	3.0724E-04 (244, 5)
17	2.7713E-08 (144, 4)	1.9899E-04 (177, 4)	2.1979E-04 (95, 4)	3.1351E-04 (144, 4)	3.3053E-04 (105, 5)
18	1.4387E-08 (144, 4)	1.1667E-04 (143, 4)	1.4848E-04 (95, 4)	2.4294E-04 (95, 4)	2.8207E-04 (95, 4)
19	1.4387E-08 (181, 4)	1.7100E-04 (181, 4)	1.5099E-04 (94, 4)	2.6260E-04 (94, 4)	3.0498E-04 (94, 4)
20	2.8605E-08 (143, 4)	3.6923E-04 (181, 4)	3.0440E-04 (181, 4)	3.0921E-04 (228, 6)	3.7303E-04 (94, 4)
21	2.9429E-08 (181, 4)	3.9971E-04 (181, 4)	3.4940E-04 (181, 4)	3.6634E-04 (64, 5)	4.5440E-04 (56, 4)
22	1.7265E-08 (181, 4)	2.3189E-04 (181, 4)	2.9967E-04 (181, 4)	3.3954E-04 (181, 4)	3.9437E-04 (141, 4)
23	7.5765E-09 (116, 4)	1.3468E-04 (116, 4)	2.4811E-04 (181, 4)	3.8906E-04 (181, 4)	4.1719E-04 (176, 4)
24	2.5730E-08 (116, 4)	3.5466E-04 (176, 4)	4.1515E-04 (116, 4)	3.9934E-04 (57, 5)	4.4236E-04 (247, 5)
25	4.8199E-08 (116, 4)	2.4714E-04 (57, 5)	6.2940E-04 (57, 5)	6.4322E-04 (57, 5)	6.0803E-04 (97, 4)
26	4.9796E-08 (116, 4)	1.8229E-04 (57, 5)	4.1309E-04 (57, 5)	5.6080E-04 (247, 4)	5.9519E-04 (247, 4)
27	3.9265E-08 (219, 4)	2.1724E-04 (217, 4)	3.8831E-04 (247, 4)	5.3861E-04 (248, 5)	5.5966E-04 (248, 5)
28	1.7421E-07 (219, 4)	1.6678E-04 (219, 4)	3.3013E-04 (217, 4)	3.3482E-04 (250, 5)	4.0578E-04 (286, 4)
29	4.2591E-07 (219, 4)	4.7630E-04 (219, 4)	3.2964E-04 (219, 4)	3.4174E-04 (250, 4)	3.7197E-04 (132, 3)
30	3.7418E-07 (217, 4)	6.2524E-04 (143, 5)	5.1714E-04 (219, 4)	5.3696E-04 (219, 4)	5.5465E-04 (219, 4)
31	3.7353E-07 (242, 4)	4.7701E-04 (219, 4)	3.7727E-04 (143, 5)	4.0185E-04 (217, 4)	3.9244E-04 (217, 4)
32	1.7421E-07 (219, 4)	2.3444E-04 (143, 5)	2.3935E-04 (168, 4)	4.0643E-04 (168, 4)	4.7615E-04 (242, 4)
33	3.9264E-08 (219, 4)	3.2605E-04 (205, 4)	3.8568E-04 (114, 5)	5.7127E-04 (242, 4)	6.0264E-04 (170, 4)
34	7.3264E-08 (162, 4)	1.7704E-04 (242, 4)	3.3983E-04 (205, 4)	5.0782E-04 (260, 4)	5.7680E-04 (216, 4)
35	1.3563E-07 (218, 4)	2.2771E-04 (205, 4)	2.3593E-04 (147, 4)	3.3598E-04 (205, 4)	3.5869E-04 (260, 4)
36	3.7357E-07 (218, 4)	4.2286E-04 (218, 4)	3.4859E-04 (218, 4)	3.6642E-04 (162, 4)	3.5150E-04 (205, 4)

COMPOSITE HIGHEST,SECOND-HIGHEST 24-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	0.	82.	64.	73.	75.
2	0.	70.	60.	60.	99.
3	0.	75.	64.	82.	84.
4	0.	82.	85.	85.	89.
5	0.	106.	97.	103.	111.
6	0.	107.	112.	109.	109.
7	0.	84.	98.	118.	127.
8	0.	67.	91.	123.	130.
9	0.	80.	98.	138.	168.
10	0.	101.	108.	126.	140.
11	0.	100.	93.	73.	81.
12	0.	51.	72.	57.	68.
13	0.	28.	49.	61.	86.
14	0.	18.	27.	47.	56.
15	0.	46.	37.	51.	53.
16	0.	66.	57.	48.	58.
17	0.	126.	101.	78.	64.
18	0.	86.	57.	62.	67.
19	0.	64.	37.	48.	50.
20	0.	59.	41.	73.	81.
21	0.	84.	54.	97.	114.
22	0.	85.	77.	83.	85.
23	0.	75.	89.	110.	101.
24	0.	80.	64.	80.	99.
25	0.	86.	79.	84.	105.
26	0.	79.	68.	100.	124.
27	0.	79.	73.	116.	136.
28	0.	90.	81.	85.	97.
29	0.	73.	71.	104.	100.
30	0.	79.	76.	78.	84.
31	0.	68.	70.	69.	84.
32	0.	84.	68.	93.	93.
33	0.	81.	88.	106.	113.
34	0.	64.	69.	86.	86.
35	0.	36.	57.	88.	94.
36	0.	68.	55.	90.	103.

COMPOSITE HIGHEST, SECOND-HIGHEST 3-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	1.	653.	514.	582.	601.
2	0.	559.	477.	407.	472.
3	0.	596.	503.	545.	560.
4	1.	656.	677.	521.	537.
5	0.	730.	770.	637.	611.
6	0.	825.	727.	602.	631.
7	1.	666.	556.	635.	629.
8	0.	514.	551.	683.	727.
9	0.	642.	625.	694.	808.
10	0.	795.	804.	639.	690.
11	0.	795.	746.	572.	465.
12	0.	409.	372.	459.	378.
13	0.	212.	203.	304.	381.
14	0.	141.	213.	321.	423.
15	0.	371.	255.	313.	349.
16	0.	530.	454.	341.	310.
17	0.	637.	452.	348.	337.
18	0.	662.	374.	333.	392.
19	0.	510.	297.	386.	359.
20	0.	475.	304.	332.	392.
21	0.	674.	434.	527.	504.
22	0.	475.	383.	501.	593.
23	1.	648.	509.	516.	497.
24	0.	599.	482.	544.	563.
25	0.	690.	629.	643.	611.
26	0.	608.	530.	561.	595.
27	0.	635.	584.	607.	567.
28	0.	724.	649.	601.	659.
29	0.	582.	566.	831.	799.
30	0.	635.	607.	621.	555.
31	1.	543.	561.	546.	511.
32	0.	670.	544.	559.	563.
33	0.	646.	576.	610.	603.
34	0.	476.	352.	548.	577.
35	0.	289.	442.	640.	636.
36	0.	541.	350.	551.	610.

RING DISTANCES(KM)= 3.00 3.50 4.00 4.50 5.00

STACK # 1--TECO 1&2 50% 35T/H SO2
STACK # 2--TECO 3 50% 35T/H SO2

STACK	MONTH	EMISSION RATE (GMS/SEC)	HEIGHT (METERS)	DIAMETER (METERS)	EXIT VELOCITY (M/SEC)	TEMP (DEG.K)	VOLUMETRIC FLOW (M**3/SEC)
1	ALL	2916.1699	149.40	7.32	16.30	400.00	685.96
2	ALL	1493.8401	149.40	7.32	7.80	394.00	328.25

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.6643E-04 DIRECTION= 9 DISTANCE= 3.0 KM DAY=220

YEAR= 71

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	6.4130E-05 (236)	5.7632E-05 (236)	5.4106E-05 (113)	5.2307E-05 (113)	4.9626E-05 (229)
2	8.4436E-05 (331)	8.8134E-05 (113)	8.7359E-05 (113)	8.5019E-05 (113)	8.0317E-05 (331)
3	8.2669E-05 (205)	8.3078E-05 (205)	7.9630E-05 (205)	7.4414E-05 (205)	6.8636E-05 (205)
4	7.9007E-05 (234)	6.8477E-05 (234)	6.4683E-05 (127)	6.4636E-05 (127)	6.2391E-05 (127)
5	7.1613E-05 (276)	6.4564E-05 (276)	6.2152E-05 (219)	6.1741E-05 (219)	5.9569E-05 (219)
6	8.6728E-05 (159)	8.0742E-05 (206)	6.7880E-05 (206)	5.7202E-05 (206)	4.9864E-05 (224)
7	8.5886E-05 (207)	8.0660E-05 (103)	7.8983E-05 (224)	7.7316E-05 (224)	7.4380E-05 (224)
8	9.0830E-05 (128)	8.3367E-05 (128)	7.8333E-05 (139)	7.2160E-05 (139)	6.5731E-05 (139)
9	1.6643E-04 (220)	1.5870E-04 (194)	1.4863E-04 (194)	1.3764E-04 (194)	1.2701E-04 (194)
10	1.1270E-04 (220)	1.0586E-04 (220)	9.6297E-05 (220)	9.1682E-05 (161)	8.7792E-05 (161)
11	6.2235E-05 (196)	6.6440E-05 (196)	6.5943E-05 (196)	6.3052E-05 (196)	5.9131E-05 (196)
12	8.5583E-05 (136)	9.2556E-05 (136)	8.2057E-05 (198)	7.0394E-05 (198)	6.1059E-05 (198)
13	6.6383E-05 (141)	7.0040E-05 (141)	6.9909E-05 (141)	6.5049E-05 (198)	5.7902E-05 (198)
14	5.4742E-05 (222)	5.7794E-05 (222)	5.7111E-05 (222)	5.4348E-05 (222)	5.0633E-05 (222)
15	5.5729E-05 (121)	5.8865E-05 (221)	6.2175E-05 (221)	6.1992E-05 (221)	5.9792E-05 (221)
16	5.7501E-05 (169)	5.7736E-05 (169)	5.8522E-05 (222)	5.7886E-05 (222)	5.6190E-05 (222)
17	4.4799E-05 (99)	4.5417E-05 (169)	4.4777E-05 (169)	4.2678E-05 (169)	4.3898E-05 (181)
18	5.8180E-05 (99)	5.4727E-05 (99)	5.1315E-05 (316)	5.0121E-05 (316)	4.7994E-05 (316)
19	3.9208E-05 (221)	3.9238E-05 (316)	3.8853E-05 (316)	3.7251E-05 (316)	3.6559E-05 (20)
20	3.7754E-05 (99)	3.7531E-05 (99)	3.5751E-05 (99)	3.9103E-05 (150)	3.6848E-05 (18)
21	6.8642E-05 (18)	6.7358E-05 (18)	6.5618E-05 (312)	6.5964E-05 (312)	6.4422E-05 (312)
22	6.7000E-05 (47)	6.4416E-05 (47)	5.9802E-05 (47)	5.4931E-05 (47)	5.0573E-05 (47)
23	9.2911E-05 (156)	8.1520E-05 (156)	6.9827E-05 (156)	6.6243E-05 (272)	6.2781E-05 (272)
24	1.0760E-04 (90)	1.0302E-04 (156)	9.2812E-05 (156)	8.2890E-05 (156)	7.4084E-05 (156)
25	7.2448E-05 (90)	7.3993E-05 (90)	7.1406E-05 (90)	6.6775E-05 (90)	6.3430E-05 (285)
26	5.8203E-05 (267)	6.6606E-05 (156)	6.4260E-05 (48)	6.6574E-05 (48)	6.5194E-05 (267)
27	1.0469E-04 (190)	1.1091E-04 (190)	1.1009E-04 (190)	1.0574E-04 (190)	1.0001E-04 (190)
28	1.0253E-04 (101)	1.0403E-04 (101)	1.0078E-04 (101)	9.5236E-05 (101)	8.8854E-05 (101)
29	6.7524E-05 (138)	7.7974E-05 (214)	8.2471E-05 (214)	7.6331E-05 (231)	7.3728E-05 (188)
30	7.3534E-05 (182)	7.4469E-05 (210)	7.9183E-05 (210)	7.9515E-05 (210)	7.7342E-05 (210)
31	5.6069E-05 (182)	5.8843E-05 (143)	5.8502E-05 (243)	5.7744E-05 (243)	5.5357E-05 (243)
32	7.3265E-05 (2)	7.0765E-05 (2)	6.6447E-05 (2)	6.1765E-05 (2)	5.7251E-05 (2)
33	8.7157E-05 (91)	8.6260E-05 (363)	9.5038E-05 (91)	9.2752E-05 (363)	9.0083E-05 (363)
34	9.4371E-05 (187)	9.4127E-05 (259)	8.7964E-05 (259)	8.0823E-05 (259)	7.3719E-05 (259)
35	8.7834E-05 (211)	7.8510E-05 (211)	6.8872E-05 (211)	6.0076E-05 (211)	5.2443E-05 (211)
36	9.3478E-05 (260)	8.1851E-05 (260)	7.1302E-05 (260)	6.2605E-05 (260)	5.5639E-05 (260)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 7.4836E-04 DIRECTION= 9 DISTANCE= 3.0 KM DAY=178 TIME PERIOD= 4

YEAR= 71

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	3.6519E-04 (229, 4)	3.2181E-04 (229, 4)	2.9810E-04 (113, 4)	2.7817E-04 (113, 4)	2.8995E-04 (239, 4)
2	4.5124E-04 (73, 4)	4.5193E-04 (73, 4)	4.4222E-04 (331, 4)	4.3922E-04 (25, 4)	4.2038E-04 (25, 4)
3	4.0668E-04 (219, 5)	4.1217E-04 (219, 5)	4.0359E-04 (331, 4)	4.0459E-04 (331, 4)	3.9158E-04 (331, 4)
4	4.3803E-04 (163, 4)	4.6481E-04 (234, 4)	4.3082E-04 (131, 4)	4.1994E-04 (131, 4)	3.9750E-04 (131, 4)
5	5.5763E-04 (240, 5)	4.8869E-04 (240, 5)	4.4678E-04 (234, 4)	4.0141E-04 (234, 4)	4.2277E-04 (205, 6)
6	5.2276E-04 (206, 5)	4.5392E-04 (159, 4)	4.3316E-04 (159, 4)	3.7360E-04 (200, 4)	3.4319E-04 (224, 4)
7	4.6102E-04 (207, 5)	4.4531E-04 (224, 4)	4.3325E-04 (21, 5)	4.3778E-04 (229, 6)	4.3112E-04 (224, 4)
8	5.7800E-04 (262, 5)	5.2095E-04 (262, 5)	5.0427E-04 (232, 5)	5.1104E-04 (232, 5)	4.9867E-04 (232, 5)
9	7.4836E-04 (178, 4)	6.9986E-04 (220, 5)	6.3803E-04 (238, 5)	5.8547E-04 (178, 4)	5.6276E-04 (256, 4)
10	5.7723E-04 (168, 4)	6.0629E-04 (204, 5)	5.4820E-04 (204, 5)	4.9478E-04 (204, 5)	4.5655E-04 (298, 4)
11	4.1740E-04 (204, 5)	4.0740E-04 (196, 4)	3.9047E-04 (192, 5)	3.5711E-04 (192, 5)	3.2323E-04 (192, 5)
12	4.6084E-04 (136, 4)	4.7670E-04 (198, 4)	4.0558E-04 (198, 4)	3.4642E-04 (198, 4)	3.0677E-04 (317, 4)
13	3.4232E-04 (136, 4)	3.6758E-04 (136, 4)	3.6406E-04 (136, 4)	3.4646E-04 (136, 4)	3.2327E-04 (136, 4)
14	2.9147E-04 (199, 6)	3.5729E-04 (199, 6)	3.9003E-04 (199, 6)	3.9838E-04 (199, 6)	3.9119E-04 (199, 6)
15	3.8163E-04 (222, 5)	4.2456E-04 (221, 5)	4.2322E-04 (222, 4)	3.8899E-04 (222, 5)	3.6275E-04 (222, 5)
16	3.8673E-04 (124, 6)	4.3349E-04 (124, 6)	4.3975E-04 (169, 4)	4.1490E-04 (169, 4)	3.8646E-04 (169, 4)
17	2.8693E-04 (317, 4)	3.2207E-04 (162, 4)	3.0356E-04 (315, 5)	3.2139E-04 (181, 6)	3.1678E-04 (162, 4)
18	3.5247E-04 (124, 5)	3.6300E-04 (124, 5)	3.5029E-04 (124, 5)	3.2696E-04 (124, 5)	3.0005E-04 (124, 5)
19	3.1359E-04 (221, 4)	2.8313E-04 (221, 4)	2.7038E-04 (275, 4)	2.8647E-04 (275, 4)	2.8823E-04 (275, 4)
20	2.8957E-04 (99, 4)	2.8593E-04 (99, 4)	2.7977E-04 (150, 3)	3.1270E-04 (150, 3)	2.9479E-04 (18, 4)
21	4.3294E-04 (263, 5)	4.6164E-04 (329, 4)	4.9900E-04 (329, 4)	4.6502E-04 (18, 4)	4.2683E-04 (18, 4)
22	4.0550E-04 (263, 5)	3.9037E-04 (261, 4)	4.0166E-04 (261, 4)	3.9135E-04 (261, 4)	3.7069E-04 (261, 4)
23	4.0919E-04 (156, 4)	4.1316E-04 (156, 4)	4.1755E-04 (271, 5)	4.1249E-04 (271, 5)	3.9516E-04 (271, 5)
24	4.0014E-04 (90, 4)	4.4408E-04 (90, 4)	4.1403E-04 (90, 4)	3.7909E-04 (90, 4)	3.4596E-04 (258, 4)
25	4.1881E-04 (137, 4)	4.6512E-04 (137, 4)	4.7342E-04 (137, 4)	4.5961E-04 (137, 4)	4.3464E-04 (137, 4)
26	3.5087E-04 (101, 4)	3.6420E-04 (267, 5)	3.7440E-04 (267, 5)	3.6573E-04 (267, 5)	3.4709E-04 (267, 5)
27	4.7944E-04 (231, 4)	4.5645E-04 (86, 5)	4.4757E-04 (249, 3)	4.4421E-04 (249, 3)	4.3110E-04 (153, 3)
28	5.2755E-04 (101, 5)	5.1564E-04 (101, 5)	4.8340E-04 (101, 5)	4.4342E-04 (101, 5)	4.0236E-04 (101, 5)
29	4.7119E-04 (233, 4)	5.1834E-04 (233, 4)	5.3520E-04 (233, 4)	5.0788E-04 (231, 4)	4.6242E-04 (231, 4)
30	4.4347E-04 (138, 5)	4.2917E-04 (211, 3)	4.5695E-04 (211, 3)	4.2396E-04 (182, 4)	3.8460E-04 (182, 4)
31	3.0798E-04 (278, 4)	3.2555E-04 (278, 4)	3.4401E-04 (262, 4)	3.5751E-04 (262, 4)	3.5768E-04 (262, 4)
32	4.1280E-04 (295, 4)	4.0753E-04 (295, 4)	3.9634E-04 (139, 3)	4.0657E-04 (139, 3)	4.0422E-04 (139, 3)
33	6.0341E-04 (91, 5)	5.6470E-04 (77, 5)	5.7075E-04 (77, 5)	5.5103E-04 (77, 5)	5.1864E-04 (77, 5)
34	4.9693E-04 (259, 4)	5.0815E-04 (259, 4)	4.9483E-04 (259, 4)	4.8937E-04 (200, 3)	4.9352E-04 (200, 3)
35	5.5867E-04 (211, 4)	4.7217E-04 (211, 4)	3.9552E-04 (211, 4)	3.3228E-04 (211, 4)	2.8135E-04 (211, 4)
36	5.7145E-04 (260, 4)	5.0470E-04 (260, 4)	4.4000E-04 (260, 4)	4.2957E-04 (179, 3)	4.3372E-04 (179, 3)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.5455E-04 DIRECTION= 9 DISTANCE= 3.0 KM DAY=124

YEAR= 72

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	7.8581E-05 (107)	8.8971E-05 (107)	8.8883E-05 (113)	8.3395E-05 (113)	7.7359E-05 (113)
2	8.1846E-05 (57)	9.1467E-05 (57)	9.3628E-05 (57)	9.1847E-05 (57)	8.7095E-05 (57)
3	7.5859E-05 (149)	7.8146E-05 (105)	7.7875E-05 (57)	7.5176E-05 (57)	7.0712E-05 (57)
4	7.3338E-05 (195)	6.6995E-05 (195)	6.2805E-05 (135)	5.8139E-05 (135)	5.4808E-05 (58)
5	1.1009E-04 (211)	1.0581E-04 (261)	9.4956E-05 (261)	8.5042E-05 (261)	7.6396E-05 (261)
6	9.4972E-05 (211)	9.0490E-05 (210)	8.7961E-05 (210)	8.3115E-05 (261)	7.7086E-05 (261)
7	1.0802E-04 (309)	1.0703E-04 (309)	9.6432E-05 (298)	9.0853E-05 (316)	8.6939E-05 (309)
8	1.0368E-04 (216)	1.0194E-04 (220)	9.7409E-05 (220)	9.1424E-05 (220)	8.5069E-05 (220)
9	1.5455E-04 (124)	1.5426E-04 (207)	1.5453E-04 (207)	1.5080E-04 (207)	1.4475E-04 (207)
10	1.3427E-04 (242)	1.2251E-04 (242)	1.1548E-04 (181)	1.1119E-04 (181)	1.0505E-04 (181)
11	7.8129E-05 (131)	7.8361E-05 (131)	7.4870E-05 (131)	6.9659E-05 (131)	6.3897E-05 (131)
12	4.8800E-05 (231)	5.4790E-05 (231)	5.7372E-05 (245)	5.8053E-05 (245)	5.6828E-05 (245)
13	7.6572E-05 (184)	7.1334E-05 (184)	6.5449E-05 (184)	6.1109E-05 (303)	6.1005E-05 (303)
14	4.2828E-05 (146)	4.7117E-05 (194)	4.7902E-05 (194)	4.6166E-05 (194)	4.3356E-05 (194)
15	3.7017E-05 (362)	3.9760E-05 (194)	4.0200E-05 (194)	3.8547E-05 (194)	3.6385E-05 (259)
16	3.4964E-05 (216)	3.9344E-05 (216)	4.0829E-05 (322)	4.2505E-05 (260)	4.1989E-05 (322)
17	4.0118E-05 (45)	4.7008E-05 (45)	4.9187E-05 (45)	4.8373E-05 (45)	4.6053E-05 (45)
18	5.1893E-05 (19)	5.1470E-05 (19)	4.8391E-05 (45)	4.8127E-05 (45)	4.9811E-05 (147)
19	4.6605E-05 (19)	4.8801E-05 (252)	4.5362E-05 (19)	4.3514E-05 (208)	4.6175E-05 (208)
20	5.7777E-05 (189)	6.1810E-05 (336)	5.6904E-05 (252)	5.4508E-05 (83)	5.5284E-05 (83)
21	7.0592E-05 (189)	6.2218E-05 (189)	5.9490E-05 (256)	5.6490E-05 (256)	5.2621E-05 (256)
22	5.3277E-05 (283)	5.7516E-05 (288)	5.9637E-05 (189)	5.5136E-05 (86)	5.4575E-05 (86)
23	6.2833E-05 (283)	6.0802E-05 (266)	5.9253E-05 (266)	5.3540E-05 (279)	5.1466E-05 (279)
24	6.5998E-05 (156)	6.6583E-05 (52)	7.1423E-05 (288)	7.3421E-05 (288)	7.2765E-05 (288)
25	8.5521E-05 (265)	8.7823E-05 (265)	8.5292E-05 (265)	8.0310E-05 (265)	7.4366E-05 (265)
26	1.0855E-04 (257)	1.2159E-04 (265)	1.2071E-04 (265)	1.1571E-04 (265)	1.0892E-04 (265)
27	7.7691E-05 (254)	8.4554E-05 (247)	7.9621E-05 (247)	8.0900E-05 (207)	8.0474E-05 (207)
28	6.9943E-05 (197)	7.3596E-05 (339)	7.4399E-05 (339)	7.2724E-05 (339)	6.9645E-05 (339)
29	8.1531E-05 (101)	9.0287E-05 (101)	9.2239E-05 (101)	9.0501E-05 (101)	8.7099E-05 (101)
30	6.9972E-05 (345)	7.1564E-05 (345)	7.1443E-05 (228)	7.0436E-05 (228)	6.8507E-05 (228)
31	6.4873E-05 (212)	6.7979E-05 (241)	6.9096E-05 (241)	6.8595E-05 (241)	6.7100E-05 (241)
32	7.1611E-05 (61)	8.0135E-05 (307)	7.8797E-05 (61)	7.6331E-05 (61)	7.2446E-05 (61)
33	7.5309E-05 (229)	8.2089E-05 (12)	8.8227E-05 (12)	8.9341E-05 (12)	8.7501E-05 (12)
34	4.8546E-05 (314)	5.3180E-05 (211)	5.5034E-05 (211)	5.4659E-05 (211)	5.0787E-05 (54)
35	4.3955E-05 (213)	4.4769E-05 (213)	4.6211E-05 (87)	4.4115E-05 (87)	4.1689E-05 (87)
36	5.5972E-05 (136)	5.5093E-05 (196)	5.5745E-05 (64)	5.1187E-05 (64)	5.0264E-05 (341)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MA*3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 8.0606E-04 DIRECTION= 9 DISTANCE= 3.0 KM DAY=124 TIME PERIOD= 4

YEAR= 72

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	4.2940E-04 (107, 4)	4.5770E-04 (113, 4)	4.4023E-04 (113, 4)	4.1030E-04 (113, 4)	3.7639E-04 (113, 4)
2	3.9937E-04 (57, 4)	4.5435E-04 (57, 4)	4.7056E-04 (57, 4)	4.6278E-04 (57, 4)	4.4207E-04 (57, 4)
3	4.6542E-04 (110, 5)	4.4627E-04 (135, 5)	4.1339E-04 (149, 5)	4.0312E-04 (149, 5)	3.8228E-04 (149, 5)
4	4.6843E-04 (124, 3)	4.3594E-04 (110, 5)	4.0568E-04 (110, 5)	4.0460E-04 (269, 6)	3.8808E-04 (124, 3)
5	5.4571E-04 (261, 5)	4.9605E-04 (233, 4)	4.5222E-04 (150, 4)	4.1319E-04 (211, 6)	4.0693E-04 (211, 6)
6	5.5014E-04 (261, 5)	4.8980E-04 (194, 4)	4.2230E-04 (233, 5)	4.3633E-04 (359, 5)	4.4127E-04 (359, 5)
7	6.1929E-04 (309, 5)	6.1266E-04 (298, 5)	5.4895E-04 (298, 5)	4.8594E-04 (298, 5)	4.5166E-04 (138, 4)
8	5.1439E-04 (220, 4)	4.9194E-04 (220, 4)	4.8639E-04 (290, 4)	4.6683E-04 (290, 4)	4.4372E-04 (290, 4)
9	8.0606E-04 (124, 4)	7.4548E-04 (124, 4)	6.7282E-04 (124, 4)	6.2718E-04 (207, 4)	5.8190E-04 (183, 4)
10	6.3491E-04 (242, 4)	6.1391E-04 (183, 5)	5.5795E-04 (183, 5)	5.0534E-04 (183, 5)	4.7878E-04 (215, 5)
11	3.5356E-04 (131, 6)	3.8992E-04 (248, 5)	3.7009E-04 (222, 5)	3.5163E-04 (222, 5)	3.2692E-04 (222, 5)
12	3.0690E-04 (97, 5)	3.2408E-04 (97, 5)	3.2526E-04 (245, 6)	3.3259E-04 (245, 6)	3.2802E-04 (245, 6)
13	4.5208E-04 (146, 4)	4.7804E-04 (146, 4)	4.7030E-04 (146, 4)	4.4554E-04 (146, 4)	4.1375E-04 (146, 4)
14	3.3496E-04 (194, 3)	3.7694E-04 (194, 3)	3.8322E-04 (194, 3)	3.6933E-04 (194, 3)	3.4685E-04 (194, 3)
15	2.7964E-04 (198, 6)	2.5599E-04 (362, 5)	2.4521E-04 (109, 6)	2.4501E-04 (109, 6)	2.3809E-04 (109, 6)
16	2.7971E-04 (216, 4)	3.1475E-04 (216, 4)	3.2514E-04 (216, 4)	3.1923E-04 (216, 4)	3.0444E-04 (216, 4)
17	3.1609E-04 (45, 5)	3.7061E-04 (45, 5)	3.8800E-04 (45, 5)	3.8176E-04 (45, 5)	3.6360E-04 (45, 5)
18	3.5915E-04 (260, 4)	3.6204E-04 (363, 5)	3.5144E-04 (147, 4)	3.8477E-04 (147, 4)	3.9849E-04 (147, 4)
19	2.5193E-04 (206, 4)	2.6229E-04 (19, 4)	2.9787E-04 (239, 4)	3.2697E-04 (239, 4)	3.4016E-04 (239, 4)
20	2.9566E-04 (252, 5)	2.7139E-04 (256, 5)	2.4899E-04 (256, 5)	2.5249E-04 (83, 3)	2.6355E-04 (83, 3)
21	3.7384E-04 (189, 4)	3.7655E-04 (157, 6)	3.9905E-04 (288, 5)	3.9775E-04 (288, 5)	3.8175E-04 (288, 5)
22	3.7538E-04 (189, 4)	3.3791E-04 (189, 4)	3.4683E-04 (122, 5)	3.4389E-04 (283, 4)	3.1202E-04 (283, 4)
23	4.4128E-04 (158, 5)	3.7638E-04 (158, 5)	3.4661E-04 (342, 5)	3.4981E-04 (342, 5)	3.4038E-04 (342, 5)
24	4.3176E-04 (283, 4)	3.9656E-04 (283, 4)	3.5981E-04 (283, 4)	3.3091E-04 (52, 4)	3.3923E-04 (52, 4)
25	4.3398E-04 (226, 4)	4.4894E-04 (226, 4)	4.4156E-04 (226, 4)	4.2312E-04 (226, 4)	3.9973E-04 (226, 4)
26	4.8058E-04 (247, 4)	4.1708E-04 (246, 4)	3.9103E-04 (246, 4)	3.5927E-04 (246, 4)	3.4865E-04 (157, 3)
27	4.4586E-04 (247, 4)	4.0687E-04 (257, 4)	4.0736E-04 (257, 4)	3.9433E-04 (337, 5)	3.8336E-04 (337, 5)
28	5.2672E-04 (197, 3)	5.4130E-04 (197, 3)	5.2618E-04 (197, 3)	4.9895E-04 (197, 3)	4.6843E-04 (197, 3)
29	3.6864E-04 (197, 3)	3.5884E-04 (197, 3)	3.5544E-04 (163, 4)	3.2095E-04 (163, 4)	3.0641E-04 (198, 3)
30	4.9065E-04 (228, 3)	5.2417E-04 (228, 3)	5.3481E-04 (228, 3)	5.3065E-04 (228, 3)	5.1325E-04 (185, 4)
31	3.6226E-04 (209, 3)	3.7321E-04 (332, 5)	3.6950E-04 (241, 4)	3.4327E-04 (241, 4)	3.2195E-04 (1, 4)
32	4.0287E-04 (307, 5)	4.1730E-04 (61, 4)	4.2071E-04 (61, 4)	4.0581E-04 (61, 4)	3.8209E-04 (61, 4)
33	5.2530E-04 (1, 5)	5.5296E-04 (229, 4)	4.9833E-04 (229, 4)	4.8924E-04 (12, 4)	4.7858E-04 (12, 4)
34	3.4373E-04 (54, 4)	3.2887E-04 (54, 4)	3.0675E-04 (314, 4)	2.9300E-04 (12, 4)	2.9776E-04 (308, 3)
35	3.5163E-04 (213, 5)	3.5815E-04 (213, 5)	3.4291E-04 (213, 5)	3.1820E-04 (213, 5)	2.9068E-04 (213, 5)
36	4.4778E-04 (136, 4)	4.3170E-04 (136, 4)	4.0383E-04 (136, 4)	3.9790E-04 (341, 4)	3.7244E-04 (64, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAX3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.3505E-04 DIRECTION= 9 DISTANCE= 3.0 KM DAY=180

YEAR= 73

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	5.1582E-05 (149)	5.2263E-05 (149)	5.5311E-05 (193)	5.6250E-05 (193)	5.5366E-05 (193)
2	6.6761E-05 (147)	7.2171E-05 (159)	7.4111E-05 (159)	7.2424E-05 (159)	6.8832E-05 (159)
3	7.5448E-05 (215)	7.2672E-05 (269)	7.0481E-05 (123)	6.8090E-05 (123)	5.8881E-05 (151)
4	6.9714E-05 (182)	6.3397E-05 (173)	6.0082E-05 (173)	5.6570E-05 (194)	5.4190E-05 (313)
5	1.1162E-04 (192)	1.0882E-04 (313)	9.9942E-05 (192)	9.1909E-05 (192)	8.4062E-05 (256)
6	1.1039E-04 (209)	1.0544E-04 (209)	1.0015E-04 (209)	9.5243E-05 (209)	9.0905E-05 (209)
7	1.2054E-04 (216)	1.1179E-04 (216)	1.0308E-04 (181)	9.5373E-05 (185)	8.5703E-05 (185)
8	1.2260E-04 (181)	1.1030E-04 (181)	1.0079E-04 (253)	9.8095E-05 (253)	8.9496E-05 (185)
9	1.3505E-04 (180)	1.2221E-04 (152)	1.0813E-04 (152)	9.5507E-05 (152)	8.4756E-05 (152)
10	9.5534E-05 (196)	9.4401E-05 (132)	8.8778E-05 (132)	8.2383E-05 (132)	7.8447E-05 (326)
11	7.8004E-05 (208)	7.0746E-05 (263)	7.1029E-05 (263)	6.8985E-05 (169)	6.4889E-05 (169)
12	5.6248E-05 (124)	6.1319E-05 (124)	6.1834E-05 (124)	6.0614E-05 (138)	5.9579E-05 (100)
13	3.2530E-05 (124)	3.5381E-05 (124)	3.7284E-05 (135)	3.8833E-05 (135)	3.9355E-05 (135)
14	5.0719E-05 (169)	5.4133E-05 (169)	5.3621E-05 (169)	5.1073E-05 (169)	4.9648E-05 (175)
15	4.3223E-05 (103)	4.7549E-05 (47)	5.1343E-05 (47)	5.2568E-05 (47)	5.2176E-05 (47)
16	5.9939E-05 (95)	6.6909E-05 (356)	6.4503E-05 (356)	6.0787E-05 (356)	5.6869E-05 (356)
17	5.4403E-05 (119)	5.0693E-05 (188)	5.1621E-05 (131)	4.7935E-05 (131)	4.4886E-05 (182)
18	6.9022E-05 (103)	6.7879E-05 (14)	6.8639E-05 (103)	6.5065E-05 (103)	6.0830E-05 (103)
19	5.3676E-05 (305)	5.5091E-05 (305)	5.4037E-05 (268)	5.4241E-05 (268)	5.2686E-05 (268)
20	7.5399E-05 (183)	6.6019E-05 (183)	5.8223E-05 (268)	6.2306E-05 (268)	5.7742E-05 (233)
21	1.1054E-04 (233)	9.8214E-05 (221)	1.0005E-04 (221)	9.8888E-05 (221)	9.5889E-05 (221)
22	8.3366E-05 (221)	7.8989E-05 (125)	7.6281E-05 (125)	7.2138E-05 (125)	6.7435E-05 (125)
23	9.0741E-05 (191)	8.1913E-05 (191)	7.4399E-05 (191)	6.7997E-05 (191)	6.2483E-05 (191)
24	8.0555E-05 (183)	9.1161E-05 (240)	9.1071E-05 (59)	8.9869E-05 (59)	8.6064E-05 (59)
25	9.6914E-05 (260)	1.0513E-04 (321)	1.1364E-04 (321)	1.1566E-04 (321)	1.0766E-04 (240)
26	9.9401E-05 (229)	1.0932E-04 (82)	1.1732E-04 (336)	1.2003E-04 (336)	1.1861E-04 (336)
27	8.4134E-05 (287)	8.0419E-05 (154)	7.3393E-05 (154)	7.0261E-05 (336)	6.8581E-05 (336)
28	8.4901E-05 (239)	7.7372E-05 (286)	7.9086E-05 (286)	7.1231E-05 (158)	6.7060E-05 (55)
29	9.1226E-05 (238)	9.0472E-05 (238)	8.9034E-05 (239)	8.2872E-05 (238)	7.8190E-05 (238)
30	8.4270E-05 (202)	8.5506E-05 (202)	8.3529E-05 (202)	8.2761E-05 (244)	8.1283E-05 (244)
31	6.5304E-05 (322)	6.8382E-05 (322)	6.7075E-05 (322)	6.3477E-05 (322)	5.9020E-05 (160)
32	9.2520E-05 (224)	9.1108E-05 (322)	8.6549E-05 (322)	8.0213E-05 (322)	7.3439E-05 (322)
33	1.1023E-04 (217)	1.0275E-04 (217)	9.4431E-05 (217)	8.6449E-05 (217)	7.9243E-05 (217)
34	8.8578E-05 (202)	8.4490E-05 (202)	7.7681E-05 (202)	7.0167E-05 (202)	6.3316E-05 (227)
35	7.0480E-05 (177)	6.4843E-05 (177)	6.1527E-05 (163)	5.9223E-05 (40)	6.1159E-05 (40)
36	6.5343E-05 (160)	6.2439E-05 (194)	6.2842E-05 (194)	6.0516E-05 (194)	5.6897E-05 (194)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 7.0716E-04 DIRECTION= 8 DISTANCE= 3.0 KM DAY=181 TIME PERIOD= 4

YEAR= 73

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	3.1606E-04 (226, 4)	3.4797E-04 (364, 5)	3.6528E-04 (39, 4)	3.5363E-04 (39, 4)	3.4332E-04 (150, 4)
2	3.9897E-04 (151, 4)	4.5089E-04 (71, 5)	4.7629E-04 (71, 5)	4.7550E-04 (71, 5)	4.5938E-04 (71, 5)
3	5.3708E-04 (151, 5)	4.6013E-04 (151, 5)	4.4027E-04 (123, 4)	4.2684E-04 (123, 4)	4.0442E-04 (3, 5)
4	4.2785E-04 (194, 4)	4.4520E-04 (194, 4)	4.4352E-04 (194, 4)	4.3001E-04 (313, 4)	3.9623E-04 (313, 4)
5	6.0684E-04 (313, 4)	5.9440E-04 (182, 4)	5.3195E-04 (182, 4)	4.8045E-04 (182, 4)	4.4459E-04 (309, 4)
6	5.0137E-04 (209, 4)	5.0508E-04 (309, 4)	5.1406E-04 (140, 3)	5.1997E-04 (140, 3)	4.9624E-04 (235, 5)
7	5.6748E-04 (209, 4)	5.0466E-04 (185, 4)	4.5623E-04 (219, 4)	4.2108E-04 (219, 4)	3.8655E-04 (219, 4)
8	7.0716E-04 (181, 4)	6.5288E-04 (181, 4)	5.9082E-04 (181, 4)	5.3255E-04 (181, 4)	4.8547E-04 (289, 5)
9	5.4648E-04 (152, 4)	5.7622E-04 (132, 5)	5.9374E-04 (180, 3)	6.1156E-04 (180, 3)	6.0750E-04 (180, 3)
10	4.8186E-04 (140, 4)	4.4181E-04 (326, 5)	4.1610E-04 (140, 4)	3.8425E-04 (196, 5)	3.5201E-04 (173, 6)
11	4.4454E-04 (235, 6)	4.8098E-04 (235, 6)	4.6478E-04 (208, 4)	4.0332E-04 (208, 4)	3.0277E-04 (166, 3)
12	3.4093E-04 (259, 4)	3.1848E-04 (135, 3)	3.2624E-04 (138, 3)	3.1853E-04 (100, 4)	2.8934E-04 (100, 4)
13	2.4860E-04 (103, 5)	2.7460E-04 (135, 3)	2.7626E-04 (124, 5)	2.6486E-04 (124, 5)	2.8204E-04 (231, 5)
14	3.6157E-04 (175, 5)	3.8898E-04 (175, 5)	3.8683E-04 (175, 5)	3.6899E-04 (175, 5)	3.4415E-04 (175, 5)
15	3.4543E-04 (103, 5)	3.8038E-04 (47, 4)	3.8076E-04 (118, 4)	3.5324E-04 (118, 4)	3.2354E-04 (118, 4)
16	3.2213E-04 (182, 4)	3.6638E-04 (182, 4)	3.5511E-04 (356, 5)	3.6839E-04 (182, 4)	3.4919E-04 (182, 4)
17	3.6689E-04 (53, 4)	3.7249E-04 (53, 4)	3.6061E-04 (52, 4)	3.5410E-04 (53, 4)	3.3960E-04 (53, 4)
18	4.0445E-04 (297, 5)	3.9942E-04 (131, 4)	3.9236E-04 (14, 4)	3.9566E-04 (14, 4)	3.8806E-04 (14, 4)
19	3.6131E-04 (42, 5)	4.0050E-04 (42, 5)	3.7153E-04 (268, 5)	3.6579E-04 (268, 5)	3.4975E-04 (268, 5)
20	3.3773E-04 (305, 4)	3.4937E-04 (299, 4)	3.1320E-04 (233, 5)	3.1294E-04 (268, 3)	3.3966E-04 (268, 3)
21	4.6183E-04 (305, 4)	4.7471E-04 (183, 4)	4.0703E-04 (183, 4)	3.7467E-04 (221, 6)	3.8548E-04 (221, 6)
22	5.8140E-04 (78, 4)	5.2299E-04 (233, 4)	4.8042E-04 (125, 4)	4.3735E-04 (78, 4)	3.9904E-04 (78, 4)
23	4.1916E-04 (125, 4)	3.6733E-04 (125, 4)	3.1993E-04 (102, 4)	3.2595E-04 (102, 4)	3.2799E-04 (346, 4)
24	3.7929E-04 (310, 4)	4.2407E-04 (59, 4)	4.2188E-04 (310, 4)	4.1026E-04 (310, 4)	3.9112E-04 (310, 4)
25	5.8783E-04 (240, 5)	5.8334E-04 (240, 5)	5.5145E-04 (240, 5)	5.4113E-04 (352, 4)	5.2426E-04 (352, 4)
26	4.3406E-04 (336, 5)	5.1587E-04 (336, 5)	5.4280E-04 (229, 3)	5.5447E-04 (336, 5)	5.3830E-04 (336, 5)
27	4.3857E-04 (242, 5)	4.2555E-04 (317, 4)	4.2802E-04 (242, 5)	3.9775E-04 (242, 5)	3.6648E-04 (96, 5)
28	6.3308E-04 (232, 4)	5.7641E-04 (232, 4)	5.1802E-04 (232, 4)	4.8008E-04 (158, 4)	4.2551E-04 (232, 4)
29	3.9712E-04 (249, 4)	4.5186E-04 (238, 3)	4.6479E-04 (238, 3)	4.6115E-04 (238, 3)	4.4725E-04 (238, 3)
30	4.3843E-04 (106, 4)	4.4809E-04 (171, 4)	4.3883E-04 (106, 4)	4.2014E-04 (121, 5)	3.9240E-04 (121, 5)
31	4.4852E-04 (112, 4)	4.5918E-04 (112, 4)	4.4813E-04 (160, 3)	4.6477E-04 (160, 3)	4.3565E-04 (171, 4)
32	4.6986E-04 (322, 5)	4.3487E-04 (269, 4)	4.7475E-04 (329, 4)	4.5909E-04 (157, 4)	4.1451E-04 (157, 4)
33	5.0498E-04 (217, 4)	4.6778E-04 (274, 4)	4.5032E-04 (61, 5)	4.2987E-04 (61, 5)	4.0144E-04 (61, 5)
34	4.8351E-04 (217, 4)	4.5311E-04 (226, 4)	4.2680E-04 (289, 4)	3.9129E-04 (289, 4)	3.6759E-04 (200, 4)
35	3.4079E-04 (40, 4)	3.7621E-04 (226, 4)	3.4611E-04 (115, 4)	3.4494E-04 (115, 4)	3.3235E-04 (115, 4)
36	3.6446E-04 (226, 4)	3.4153E-04 (226, 4)	3.1070E-04 (226, 4)	2.8900E-04 (194, 5)	2.7405E-04 (194, 5)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.6900E-04 DIRECTION= 24 DISTANCE= 4.0 KM DAY=286

YEAR= 74

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	6.1407E-05 (242)	5.1699E-05 (242)	4.7913E-05 (203)	4.7084E-05 (203)	4.4908E-05 (203)
2	7.3567E-05 (127)	7.4197E-05 (127)	7.1278E-05 (127)	6.3254E-05 (207)	5.5886E-05 (207)
3	6.4729E-05 (166)	5.8502E-05 (166)	5.1119E-05 (166)	4.7678E-05 (309)	4.5194E-05 (45)
4	7.9686E-05 (229)	8.0886E-05 (229)	7.9869E-05 (229)	7.7556E-05 (229)	7.4520E-05 (229)
5	7.1001E-05 (157)	7.9622E-05 (157)	7.3222E-05 (158)	6.4873E-05 (158)	5.7444E-05 (158)
6	1.0193E-04 (129)	8.9261E-05 (151)	7.8446E-05 (129)	6.7721E-05 (129)	6.2669E-05 (86)
7	8.8907E-05 (200)	8.2588E-05 (200)	7.7569E-05 (7)	7.3557E-05 (7)	6.8959E-05 (7)
8	1.0164E-04 (173)	9.1797E-05 (173)	8.8362E-05 (315)	8.4314E-05 (148)	7.7585E-05 (163)
9	1.5026E-04 (173)	1.5456E-04 (230)	1.5398E-04 (230)	1.4743E-04 (230)	1.3829E-04 (230)
10	1.0644E-04 (231)	1.0949E-04 (231)	1.0524E-04 (231)	9.9058E-05 (192)	9.2759E-05 (192)
11	8.4658E-05 (192)	9.3775E-05 (192)	9.6199E-05 (192)	9.4407E-05 (192)	9.0270E-05 (192)
12	6.3741E-05 (200)	6.7964E-05 (200)	6.7486E-05 (200)	6.4444E-05 (200)	6.0227E-05 (200)
13	3.7688E-05 (211)	3.3621E-05 (99)	3.4422E-05 (222)	3.4704E-05 (222)	3.3698E-05 (222)
14	2.7564E-05 (222)	3.2521E-05 (222)	3.4453E-05 (222)	3.4356E-05 (222)	3.3078E-05 (222)
15	3.7369E-05 (99)	3.4235E-05 (265)	3.4420E-05 (96)	3.5654E-05 (96)	3.5056E-05 (99)
16	5.9528E-05 (338)	6.2878E-05 (338)	6.3294E-05 (338)	6.2065E-05 (338)	6.0090E-05 (338)
17	5.5777E-05 (282)	5.1395E-05 (282)	4.5537E-05 (282)	4.3744E-05 (317)	4.4362E-05 (317)
18	6.2843E-05 (108)	5.9914E-05 (332)	6.1029E-05 (332)	5.9590E-05 (332)	5.7028E-05 (332)
19	4.6314E-05 (332)	5.1109E-05 (332)	4.9620E-05 (311)	4.9857E-05 (121)	4.7304E-05 (364)
20	6.1500E-05 (281)	6.6132E-05 (281)	6.6211E-05 (281)	6.3779E-05 (281)	6.0200E-05 (281)
21	7.4664E-05 (264)	7.7593E-05 (264)	7.6687E-05 (264)	7.3440E-05 (264)	6.8989E-05 (264)
22	6.4066E-05 (171)	6.1883E-05 (293)	6.4153E-05 (293)	6.3336E-05 (293)	6.0934E-05 (293)
23	8.1749E-05 (298)	8.4371E-05 (306)	8.3798E-05 (306)	8.0300E-05 (306)	7.5446E-05 (306)
24	1.3669E-04 (284)	1.6319E-04 (284)	1.6900E-04 (286)	1.6228E-04 (286)	1.5297E-04 (286)
25	1.1020E-04 (110)	1.1070E-04 (110)	1.0703E-04 (110)	1.0114E-04 (110)	9.4274E-05 (110)
26	1.2738E-04 (305)	1.2188E-04 (305)	1.1323E-04 (305)	1.0411E-04 (305)	9.5518E-05 (305)
27	1.2118E-04 (110)	1.1139E-04 (110)	1.0606E-04 (116)	9.3873E-05 (116)	8.3044E-05 (116)
28	9.1903E-05 (236)	8.9440E-05 (116)	7.6755E-05 (116)	7.9947E-05 (2)	8.0803E-05 (2)
29	8.9192E-05 (221)	7.9663E-05 (221)	7.4567E-05 (225)	7.5706E-05 (225)	7.3229E-05 (240)
30	7.8895E-05 (237)	7.7445E-05 (67)	7.4274E-05 (67)	6.9170E-05 (67)	6.3466E-05 (67)
31	8.4436E-05 (237)	8.7601E-05 (219)	9.0965E-05 (219)	9.0678E-05 (219)	8.8598E-05 (219)
32	9.2861E-05 (65)	9.3882E-05 (241)	8.5674E-05 (241)	7.7638E-05 (241)	7.0593E-05 (63)
33	8.7089E-05 (226)	8.1431E-05 (97)	7.9354E-05 (207)	7.6270E-05 (207)	7.2579E-05 (207)
34	8.0125E-05 (199)	7.4535E-05 (236)	6.9222E-05 (236)	6.3022E-05 (236)	5.6854E-05 (236)
35	7.2497E-05 (159)	6.0821E-05 (159)	5.4095E-05 (164)	5.0987E-05 (164)	4.7462E-05 (164)
36	5.1787E-05 (210)	5.4440E-05 (210)	5.5244E-05 (242)	5.4232E-05 (210)	5.4608E-05 (161)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 7.1354E-04 DIRECTION= 29 DISTANCE= 3.0 KM DAY=221 TIME PERIOD= 4

YEAR= 74

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	4.2499E-04 (98, 5)	3.8487E-04 (228, 4)	3.6266E-04 (228, 4)	3.5768E-04 (208, 4)	3.4704E-04 (208, 4)
2	4.6914E-04 (310, 4)	4.2306E-04 (310, 4)	4.0233E-04 (6, 5)	3.7971E-04 (6, 5)	3.5768E-04 (324, 4)
3	3.7053E-04 (103, 5)	3.9464E-04 (103, 5)	3.8682E-04 (103, 5)	3.6511E-04 (103, 5)	3.3784E-04 (103, 5)
4	5.1545E-04 (229, 4)	4.8492E-04 (229, 4)	4.4752E-04 (229, 4)	4.1023E-04 (229, 4)	3.7593E-04 (229, 4)
5	4.9036E-04 (158, 5)	4.7870E-04 (234, 5)	4.2507E-04 (158, 5)	3.8454E-04 (158, 5)	3.4573E-04 (158, 5)
6	5.2411E-04 (151, 5)	5.1271E-04 (200, 4)	4.8382E-04 (9, 5)	4.9312E-04 (9, 5)	4.8347E-04 (9, 5)
7	5.3213E-04 (205, 5)	4.5772E-04 (205, 5)	4.3109E-04 (146, 4)	4.2155E-04 (146, 4)	4.0120E-04 (146, 4)
8	5.5158E-04 (196, 4)	4.8193E-04 (145, 4)	4.8490E-04 (145, 4)	4.6627E-04 (145, 4)	4.3734E-04 (145, 4)
9	6.1793E-04 (230, 4)	6.7129E-04 (230, 4)	6.6668E-04 (173, 4)	6.1200E-04 (173, 4)	5.6144E-04 (173, 4)
10	4.8675E-04 (247, 5)	4.8132E-04 (211, 5)	5.0798E-04 (173, 6)	5.1317E-04 (173, 6)	4.9948E-04 (173, 6)
11	4.3495E-04 (200, 5)	4.0879E-04 (200, 5)	3.9185E-04 (228, 6)	3.9434E-04 (192, 3)	3.9585E-04 (192, 3)
12	3.6366E-04 (167, 5)	3.3619E-04 (167, 3)	3.4358E-04 (167, 3)	3.4355E-04 (167, 3)	3.3758E-04 (167, 3)
13	2.8789E-04 (167, 3)	2.5350E-04 (211, 4)	2.6912E-04 (222, 6)	2.5713E-04 (167, 3)	2.4659E-04 (257, 6)
14	1.8783E-04 (99, 4)	2.2472E-04 (226, 6)	2.3183E-04 (99, 5)	2.2059E-04 (239, 6)	2.1997E-04 (239, 6)
15	2.8312E-04 (364, 5)	2.7319E-04 (364, 5)	2.4206E-04 (197, 4)	2.3525E-04 (170, 6)	2.4000E-04 (54, 5)
16	2.9422E-04 (282, 4)	2.5923E-04 (167, 6)	2.5856E-04 (54, 5)	2.6620E-04 (338, 5)	2.4886E-04 (338, 5)
17	2.9320E-04 (282, 5)	2.8630E-04 (317, 5)	3.2839E-04 (317, 5)	3.4789E-04 (317, 5)	3.5117E-04 (317, 5)
18	3.4726E-04 (332, 4)	3.8421E-04 (332, 4)	3.8978E-04 (332, 4)	3.7727E-04 (332, 4)	3.5577E-04 (332, 4)
19	2.8822E-04 (364, 5)	3.3274E-04 (122, 3)	3.1712E-04 (122, 3)	3.2907E-04 (291, 4)	3.4066E-04 (291, 4)
20	4.0668E-04 (282, 4)	3.9257E-04 (282, 4)	3.7007E-04 (282, 5)	3.7237E-04 (282, 5)	3.4879E-04 (311, 4)
21	4.4506E-04 (264, 5)	4.6545E-04 (263, 5)	4.8585E-04 (281, 4)	4.5398E-04 (281, 4)	4.1825E-04 (281, 4)
22	4.7804E-04 (172, 4)	4.2801E-04 (254, 6)	4.4435E-04 (254, 6)	4.3932E-04 (254, 6)	4.1414E-04 (265, 4)
23	4.4127E-04 (171, 6)	4.4009E-04 (171, 6)	4.4705E-04 (339, 4)	4.1399E-04 (339, 4)	3.8050E-04 (339, 4)
24	5.7177E-04 (306, 4)	6.1858E-04 (284, 4)	6.3720E-04 (284, 4)	6.2450E-04 (284, 4)	5.9527E-04 (284, 4)
25	6.0129E-04 (286, 5)	5.2390E-04 (286, 5)	4.7770E-04 (305, 4)	4.4432E-04 (305, 4)	4.1094E-04 (305, 4)
26	4.6054E-04 (110, 4)	3.9575E-04 (109, 4)	3.7430E-04 (109, 4)	3.5218E-04 (303, 4)	3.5930E-04 (169, 3)
27	5.7501E-04 (170, 4)	5.4275E-04 (170, 4)	4.9800E-04 (170, 4)	4.5306E-04 (299, 5)	4.2800E-04 (244, 5)
28	3.5930E-04 (165, 4)	3.4611E-04 (195, 3)	3.6577E-04 (195, 3)	3.6542E-04 (195, 3)	3.6013E-04 (204, 3)
29	7.1354E-04 (221, 4)	6.3730E-04 (221, 4)	5.7401E-04 (221, 4)	5.2146E-04 (221, 4)	4.7732E-04 (221, 4)
30	4.6243E-04 (238, 4)	4.4150E-04 (238, 4)	4.0537E-04 (238, 4)	4.0938E-04 (353, 4)	4.1577E-04 (353, 4)
31	4.6146E-04 (243, 4)	4.6927E-04 (136, 4)	4.6038E-04 (237, 4)	4.4047E-04 (219, 4)	4.2243E-04 (219, 4)
32	5.9961E-04 (187, 4)	6.0457E-04 (64, 4)	5.6985E-04 (64, 4)	5.2553E-04 (64, 4)	4.8883E-04 (6, 4)
33	5.3018E-04 (97, 5)	4.9570E-04 (62, 4)	5.0735E-04 (226, 4)	4.5510E-04 (226, 4)	4.3938E-04 (207, 3)
34	5.5121E-04 (159, 4)	5.3911E-04 (199, 4)	4.6731E-04 (199, 4)	4.0215E-04 (199, 4)	3.4700E-04 (199, 4)
35	4.3367E-04 (159, 5)	3.9999E-04 (242, 4)	3.8259E-04 (321, 5)	3.6489E-04 (242, 4)	3.3880E-04 (242, 4)
36	3.7191E-04 (93, 4)	4.1005E-04 (359, 4)	4.3978E-04 (210, 4)	4.3385E-04 (210, 4)	4.2224E-04 (210, 4)

PLANT TYPE: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAX3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.3905E-04 DIRECTION= 27 DISTANCE= 3.0 KM DAY=248

YEAR= 75

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	6.4820E-05 (120)	5.7184E-05 (91)	5.7479E-05 (82)	5.5262E-05 (43)	5.3770E-05 (255)
2	9.6772E-05 (92)	8.9460E-05 (92)	8.5688E-05 (91)	8.3433E-05 (19)	8.2365E-05 (19)
3	9.3496E-05 (118)	9.7646E-05 (118)	9.5011E-05 (118)	8.9115E-05 (118)	8.2001E-05 (118)
4	8.8365E-05 (161)	8.2689E-05 (118)	8.0934E-05 (24)	7.8401E-05 (24)	7.4304E-05 (24)
5	1.0950E-04 (137)	1.0449E-04 (161)	9.3225E-05 (161)	8.2558E-05 (161)	7.6278E-05 (153)
6	8.4093E-05 (146)	7.2649E-05 (146)	6.4083E-05 (181)	6.1138E-05 (205)	5.8100E-05 (205)
7	1.0551E-04 (178)	9.1743E-05 (178)	8.2395E-05 (167)	7.3545E-05 (167)	6.8880E-05 (80)
8	1.1139E-04 (185)	1.0127E-04 (185)	9.0322E-05 (185)	8.0002E-05 (185)	7.0856E-05 (185)
9	1.2920E-04 (179)	1.2813E-04 (189)	1.2533E-04 (189)	1.1925E-04 (189)	1.1213E-04 (189)
10	9.5346E-05 (179)	8.3307E-05 (179)	7.5819E-05 (156)	6.9656E-05 (156)	6.3603E-05 (166)
11	6.8438E-05 (166)	6.7718E-05 (177)	6.2444E-05 (170)	6.0246E-05 (170)	5.6648E-05 (170)
12	4.5646E-05 (231)	4.7525E-05 (224)	5.1601E-05 (224)	5.2827E-05 (224)	5.2227E-05 (224)
13	8.3016E-05 (226)	7.8887E-05 (230)	7.8452E-05 (230)	7.5774E-05 (230)	7.1864E-05 (230)
14	6.3606E-05 (328)	6.5693E-05 (328)	6.3325E-05 (244)	5.6796E-05 (244)	5.1046E-05 (244)
15	4.2653E-05 (177)	4.1396E-05 (226)	4.6269E-05 (243)	4.7906E-05 (226)	4.9038E-05 (226)
16	6.1043E-05 (95)	5.7839E-05 (244)	5.1066E-05 (244)	4.5162E-05 (244)	4.0268E-05 (244)
17	5.6881E-05 (105)	6.0785E-05 (105)	6.0261E-05 (105)	5.7410E-05 (105)	5.3532E-05 (105)
18	4.4857E-05 (96)	4.9021E-05 (96)	4.9459E-05 (361)	4.8389E-05 (361)	4.6224E-05 (361)
19	3.9812E-05 (94)	3.8704E-05 (94)	3.7148E-05 (94)	3.5776E-05 (94)	3.4794E-05 (94)
20	6.8788E-05 (106)	6.2656E-05 (94)	6.9332E-05 (256)	7.2530E-05 (256)	7.2231E-05 (256)
21	7.2109E-05 (14)	7.7177E-05 (303)	7.9328E-05 (303)	7.7960E-05 (303)	7.4797E-05 (303)
22	8.1166E-05 (176)	8.1042E-05 (176)	8.0193E-05 (176)	7.8654E-05 (176)	7.6633E-05 (176)
23	7.4756E-05 (175)	7.6969E-05 (175)	7.5286E-05 (175)	7.1732E-05 (175)	6.7437E-05 (175)
24	6.2776E-05 (332)	6.2622E-05 (285)	6.5653E-05 (285)	6.4997E-05 (285)	6.2272E-05 (285)
25	7.5382E-05 (142)	7.8871E-05 (116)	7.5868E-05 (116)	7.2705E-05 (116)	6.9586E-05 (182)
26	1.2004E-04 (253)	1.2134E-04 (247)	1.1097E-04 (247)	1.0007E-04 (247)	8.9893E-05 (247)
27	1.3905E-04 (248)	1.3273E-04 (248)	1.2266E-04 (248)	1.1467E-04 (236)	1.1009E-04 (322)
28	9.8773E-05 (250)	8.8359E-05 (184)	8.4106E-05 (212)	7.7474E-05 (330)	7.4195E-05 (330)
29	7.6293E-05 (250)	7.1632E-05 (251)	6.9560E-05 (251)	6.5421E-05 (251)	6.1685E-05 (113)
30	8.9275E-05 (219)	8.9485E-05 (219)	8.2447E-05 (217)	7.4119E-05 (217)	7.3583E-05 (172)
31	5.1816E-05 (35)	5.6739E-05 (29)	6.0611E-05 (29)	6.2232E-05 (46)	6.1996E-05 (46)
32	7.3007E-05 (258)	7.6949E-05 (108)	7.8980E-05 (108)	7.7690E-05 (108)	7.4568E-05 (108)
33	7.9946E-05 (205)	7.2310E-05 (205)	7.0024E-05 (198)	6.7502E-05 (198)	6.5571E-05 (28)
34	8.0239E-05 (216)	7.3561E-05 (216)	6.5455E-05 (216)	5.8750E-05 (249)	5.5220E-05 (114)
35	6.2326E-05 (147)	6.2041E-05 (169)	6.0156E-05 (169)	5.8489E-05 (334)	5.6355E-05 (334)
36	5.5379E-05 (351)	6.4531E-05 (351)	6.9000E-05 (351)	7.0533E-05 (351)	7.0416E-05 (351)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 6.1189E-04 DIRECTION= 9 DISTANCE= 3.0 KM DAY=163 TIME PERIOD= 4

YEAR= 75

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	5.1856E-04 (120, 4)	4.3900E-04 (82, 4)	4.4857E-04 (99, 5)	3.8303E-04 (99, 5)	3.3527E-04 (210, 4)
2	5.1042E-04 (91, 5)	5.3340E-04 (91, 5)	5.1997E-04 (91, 5)	4.8893E-04 (91, 5)	4.5201E-04 (19, 5)
3	5.5067E-04 (203, 4)	4.9168E-04 (203, 4)	4.7838E-04 (100, 5)	4.6414E-04 (100, 5)	4.2895E-04 (24, 5)
4	5.0165E-04 (109, 5)	4.7122E-04 (203, 4)	4.4316E-04 (130, 5)	4.2588E-04 (130, 5)	3.9960E-04 (130, 5)
5	5.2823E-04 (132, 4)	4.6831E-04 (161, 4)	4.8083E-04 (229, 4)	4.6493E-04 (137, 4)	4.5323E-04 (186, 3)
6	5.7156E-04 (140, 4)	4.9181E-04 (146, 4)	4.1603E-04 (146, 4)	3.5256E-04 (146, 4)	3.0633E-04 (167, 3)
7	5.4331E-04 (181, 5)	5.6342E-04 (80, 5)	5.7579E-04 (80, 5)	5.6035E-04 (80, 5)	5.3060E-04 (80, 5)
8	4.8607E-04 (225, 4)	4.4209E-04 (65, 5)	4.2652E-04 (65, 5)	4.1452E-04 (31, 5)	4.0063E-04 (225, 4)
9	6.1189E-04 (163, 4)	5.7988E-04 (225, 4)	5.2386E-04 (227, 5)	5.1638E-04 (125, 4)	4.9146E-04 (225, 4)
10	4.3926E-04 (115, 5)	4.1629E-04 (134, 6)	3.9344E-04 (115, 5)	3.7869E-04 (44, 4)	3.7521E-04 (44, 4)
11	4.2281E-04 (177, 5)	3.7514E-04 (206, 4)	3.6665E-04 (26, 5)	3.6127E-04 (26, 5)	3.5181E-04 (26, 5)
12	3.3528E-04 (140, 6)	3.4049E-04 (140, 6)	3.2837E-04 (140, 6)	3.0842E-04 (140, 6)	2.8596E-04 (140, 6)
13	3.8753E-04 (226, 4)	3.5802E-04 (226, 4)	3.1914E-04 (226, 4)	2.8245E-04 (226, 4)	2.6204E-04 (291, 4)
14	4.4146E-04 (244, 5)	4.1890E-04 (244, 5)	3.8308E-04 (244, 5)	3.4667E-04 (244, 5)	3.1400E-04 (244, 5)
15	2.9909E-04 (134, 4)	2.9837E-04 (177, 4)	2.6571E-04 (177, 4)	2.3993E-04 (177, 4)	2.1903E-04 (177, 4)
16	2.9265E-04 (65, 4)	2.7201E-04 (105, 4)	2.6500E-04 (62, 5)	2.7089E-04 (62, 5)	2.6582E-04 (62, 5)
17	3.8888E-04 (95, 4)	3.6722E-04 (95, 4)	3.4061E-04 (95, 4)	3.1394E-04 (95, 4)	2.9069E-04 (328, 4)
18	2.9326E-04 (79, 4)	2.8626E-04 (185, 4)	2.8333E-04 (185, 4)	2.7306E-04 (185, 4)	2.6025E-04 (185, 4)
19	3.0874E-04 (94, 4)	2.9484E-04 (94, 4)	2.7391E-04 (94, 4)	2.5147E-04 (94, 4)	2.3010E-04 (94, 4)
20	4.0416E-04 (94, 4)	4.0542E-04 (228, 6)	3.9049E-04 (94, 4)	3.6730E-04 (94, 4)	3.4149E-04 (94, 4)
21	5.0945E-04 (56, 4)	5.1515E-04 (56, 4)	4.9509E-04 (56, 4)	4.6444E-04 (56, 4)	4.3116E-04 (56, 4)
22	4.1592E-04 (141, 4)	4.0165E-04 (141, 4)	3.7184E-04 (141, 4)	3.6059E-04 (353, 5)	3.5057E-04 (353, 5)
23	5.0285E-04 (85, 5)	5.2962E-04 (181, 4)	5.2781E-04 (181, 4)	5.1584E-04 (181, 4)	4.9866E-04 (181, 4)
24	4.1265E-04 (247, 5)	3.7023E-04 (175, 4)	3.8457E-04 (285, 5)	3.8073E-04 (285, 5)	3.6494E-04 (285, 5)
25	5.4963E-04 (57, 5)	4.8755E-04 (57, 5)	4.3521E-04 (97, 4)	4.2436E-04 (112, 3)	4.1711E-04 (112, 3)
26	5.0713E-04 (119, 4)	4.6526E-04 (247, 4)	4.5603E-04 (286, 5)	4.2911E-04 (142, 4)	4.2428E-04 (27, 4)
27	5.4212E-04 (218, 3)	5.7080E-04 (218, 3)	5.5466E-04 (247, 4)	5.0277E-04 (322, 5)	4.8701E-04 (322, 5)
28	4.2458E-04 (286, 4)	4.3764E-04 (86, 5)	4.5845E-04 (86, 5)	4.5480E-04 (86, 5)	4.3728E-04 (86, 5)
29	3.9739E-04 (217, 4)	3.5885E-04 (217, 3)	4.0450E-04 (217, 3)	4.1036E-04 (132, 3)	3.8646E-04 (132, 3)
30	5.3627E-04 (219, 4)	5.0976E-04 (172, 3)	5.1355E-04 (162, 3)	5.2198E-04 (162, 3)	5.1906E-04 (162, 3)
31	4.1453E-04 (35, 4)	4.1790E-04 (168, 4)	4.3852E-04 (222, 5)	4.4459E-04 (340, 5)	4.3582E-04 (222, 5)
32	4.6302E-04 (168, 4)	4.5412E-04 (281, 4)	4.7012E-04 (130, 4)	4.7474E-04 (130, 4)	4.6348E-04 (130, 4)
33	5.5207E-04 (114, 5)	4.9947E-04 (218, 4)	4.6493E-04 (274, 4)	4.5598E-04 (28, 4)	4.4946E-04 (28, 4)
34	5.4941E-04 (216, 4)	4.8754E-04 (216, 4)	4.2227E-04 (216, 4)	4.1220E-04 (114, 5)	3.5249E-04 (249, 3)
35	3.3436E-04 (260, 4)	3.0105E-04 (260, 4)	2.7195E-04 (205, 4)	2.8454E-04 (172, 4)	2.8547E-04 (147, 4)
36	3.5340E-04 (205, 4)	3.6532E-04 (9, 4)	4.2016E-04 (9, 4)	4.4731E-04 (9, 4)	4.4891E-04 (202, 4)

COMPOSITE HIGHEST,SECOND-HIGHEST 24-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	79.	89.	89.	83.	77.
2	97.	91.	94.	91.	87.
3	93.	98.	95.	89.	82.
4	88.	83.	81.	78.	75.
5	112.	109.	100.	92.	84.
6	110.	105.	100.	95.	91.
7	121.	112.	103.	95.	87.
8	123.	110.	101.	98.	89.
9	166.	159.	155.	151.	145.
10	134.	123.	115.	111.	105.
11	85.	94.	96.	94.	90.
12	86.	93.	82.	70.	61.
13	84.	79.	78.	76.	72.
14	64.	66.	63.	57.	51.
15	56.	59.	62.	62.	60.
16	61.	67.	65.	62.	60.
17	57.	61.	60.	57.	54.
18	69.	68.	69.	65.	61.
19	54.	55.	54.	54.	53.
20	75.	66.	69.	73.	72.
21	111.	98.	100.	99.	96.
22	83.	81.	80.	79.	77.
23	93.	84.	84.	80.	75.
24	137.	163.	169.	162.	153.
25	110.	111.	114.	116.	108.
26	127.	122.	121.	120.	119.
27	139.	133.	123.	115.	110.
28	103.	104.	101.	95.	89.
29	91.	90.	92.	91.	87.
30	89.	89.	84.	83.	81.
31	84.	88.	91.	91.	89.
32	93.	94.	87.	80.	75.
33	110.	103.	95.	93.	90.
34	94.	94.	88.	81.	74.
35	88.	79.	69.	60.	61.
36	93.	82.	71.	71.	70.

COMPOSITE HIGHEST, SECOND-HIGHEST 3-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	519.	458.	449.	410.	376.
2	510.	533.	520.	489.	459.
3	551.	492.	478.	464.	429.
4	515.	485.	448.	430.	400.
5	607.	594.	532.	480.	453.
6	572.	513.	514.	520.	496.
7	619.	613.	576.	560.	531.
8	707.	653.	591.	533.	499.
9	806.	745.	673.	627.	608.
10	635.	614.	558.	513.	499.
11	445.	481.	465.	403.	396.
12	461.	477.	406.	346.	338.
13	452.	478.	470.	446.	414.
14	441.	419.	390.	398.	391.
15	382.	425.	423.	389.	363.
16	387.	433.	440.	415.	386.
17	389.	372.	388.	382.	364.
18	404.	399.	392.	396.	398.
19	361.	401.	372.	366.	350.
20	407.	405.	390.	372.	349.
21	509.	515.	499.	465.	431.
22	581.	523.	480.	439.	414.
23	503.	530.	528.	516.	499.
24	572.	619.	637.	625.	595.
25	601.	583.	551.	541.	524.
26	507.	516.	543.	554.	538.
27	575.	571.	555.	503.	487.
28	633.	576.	526.	499.	468.
29	714.	637.	574.	521.	477.
30	536.	524.	535.	531.	519.
31	461.	469.	460.	465.	436.
32	600.	605.	570.	526.	489.
33	603.	565.	571.	551.	519.
34	551.	539.	495.	489.	494.
35	559.	472.	396.	365.	339.
36	571.	505.	440.	447.	449.

RING DISTANCES(KM)= 5.50 6.00 7.00 20.80 53.20

STACK # 1--TECO 1&2 50% 35T/H SO2
STACK # 2--TECO 3 50% 35T/H SO2

STACK	MONTH	EMISSION RATE (GMS/SEC)	HEIGHT (METERS)	DIAMETER (METERS)	EXIT VELOCITY (M/SEC)	TEMP (DEG.K)	VOLUMETRIC FLOW (M**3/SEC)
1	ALL	2916.1699	149.40	7.32	16.30	400.00	685.96
2	ALL	1493.8401	149.40	7.32	7.80	394.00	328.25

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.1864E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=167

YEAR= 71

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	4.5378E-05 (229)	4.1572E-05 (229)	4.2382E-05 (239)	3.4144E-05 (38)	1.7071E-05 (113)
2	7.4852E-05 (331)	6.9479E-05 (331)	6.0667E-05 (25)	4.3104E-05 (30)	1.9463E-05 (61)
3	6.2935E-05 (205)	5.7614E-05 (205)	4.8465E-05 (205)	2.3542E-05 (331)	1.4260E-05 (111)
4	5.9010E-05 (127)	5.5152E-05 (127)	4.7369E-05 (127)	1.7055E-05 (114)	9.7179E-06 (180)
5	5.6477E-05 (219)	5.3792E-05 (211)	4.8042E-05 (211)	2.0286E-05 (118)	1.5314E-05 (118)
6	4.8885E-05 (224)	4.7406E-05 (224)	4.3654E-05 (224)	4.3494E-05 (114)	1.9458E-05 (118)
7	7.0778E-05 (224)	6.6907E-05 (224)	5.9240E-05 (224)	2.3701E-05 (117)	1.3513E-05 (114)
8	5.9651E-05 (139)	5.6041E-05 (232)	5.4730E-05 (256)	3.1366E-05 (167)	1.5282E-05 (256)
9	1.1864E-04 (167)	1.1236E-04 (128)	9.3738E-05 (128)	6.4998E-05 (167)	2.7891E-05 (166)
10	8.3442E-05 (161)	7.9041E-05 (161)	7.0771E-05 (161)	4.0546E-05 (195)	2.0896E-05 (195)
11	5.6964E-05 (197)	5.1933E-05 (197)	4.3526E-05 (197)	2.9754E-05 (44)	1.2994E-05 (325)
12	5.3663E-05 (198)	5.1602E-05 (123)	5.0410E-05 (123)	4.1016E-05 (123)	1.7677E-05 (44)
13	5.2073E-05 (198)	4.8780E-05 (123)	4.3327E-05 (123)	2.2781E-05 (141)	1.5068E-05 (79)
14	4.6888E-05 (199)	4.4316E-05 (199)	3.8712E-05 (199)	2.7503E-05 (63)	1.4671E-05 (66)
15	5.6564E-05 (221)	5.2918E-05 (221)	4.5927E-05 (121)	3.2533E-05 (121)	1.6170E-05 (299)
16	5.3848E-05 (222)	5.1169E-05 (222)	4.7295E-05 (89)	2.8312E-05 (121)	1.6109E-05 (76)
17	4.4529E-05 (317)	4.1550E-05 (317)	3.6134E-05 (317)	2.2090E-05 (19)	9.1125E-06 (13)
18	4.5436E-05 (316)	4.2746E-05 (316)	3.7634E-05 (316)	2.5236E-05 (89)	1.4435E-05 (129)
19	3.5107E-05 (275)	3.3566E-05 (275)	2.9944E-05 (275)	2.9888E-05 (67)	1.5353E-05 (314)
20	3.4993E-05 (334)	3.3852E-05 (334)	3.0748E-05 (334)	2.1009E-05 (150)	1.2064E-05 (329)
21	6.3740E-05 (334)	6.2112E-05 (334)	5.7400E-05 (334)	4.2924E-05 (329)	2.2677E-05 (7)
22	4.6957E-05 (47)	4.4063E-05 (47)	3.9968E-05 (47)	3.9317E-05 (356)	1.9862E-05 (313)
23	5.9243E-05 (271)	5.6817E-05 (271)	5.2274E-05 (271)	5.6677E-05 (292)	2.5454E-05 (292)
24	6.0600E-05 (156)	6.0381E-05 (156)	5.6342E-05 (311)	5.0203E-05 (319)	3.2842E-05 (319)
25	5.9716E-05 (285)	5.6059E-05 (285)	4.9669E-05 (285)	3.3153E-05 (156)	1.9405E-05 (156)
26	6.1175E-05 (267)	5.6828E-05 (267)	4.8387E-05 (267)	4.7135E-05 (33)	2.1032E-05 (33)
27	9.4048E-05 (190)	8.7717E-05 (101)	7.5337E-05 (101)	4.4136E-05 (49)	2.1822E-05 (49)
28	8.2420E-05 (101)	7.6324E-05 (101)	6.5688E-05 (101)	3.3551E-05 (327)	1.9317E-05 (244)
29	7.2505E-05 (188)	7.0621E-05 (188)	6.4416E-05 (214)	3.8002E-05 (143)	2.1227E-05 (231)
30	7.3920E-05 (210)	7.0002E-05 (210)	6.2156E-05 (210)	4.0949E-05 (3)	2.8747E-05 (353)
31	5.2194E-05 (243)	4.8759E-05 (243)	4.7325E-05 (278)	3.2127E-05 (242)	1.9832E-05 (261)
32	5.3907E-05 (347)	5.0609E-05 (347)	4.4552E-05 (139)	2.3399E-05 (230)	1.2866E-05 (132)
33	8.5724E-05 (363)	8.0646E-05 (363)	7.1308E-05 (361)	4.3408E-05 (332)	2.5895E-05 (185)
34	6.7142E-05 (259)	6.1281E-05 (259)	5.4271E-05 (200)	2.2296E-05 (157)	1.6407E-05 (59)
35	4.5973E-05 (211)	4.1574E-05 (229)	3.5428E-05 (260)	1.7956E-05 (252)	1.3337E-05 (255)
36	5.3569E-05 (179)	5.2193E-05 (179)	4.8359E-05 (179)	4.0096E-05 (228)	2.5862E-05 (228)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MM3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 5.3172E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=256 TIME PERIOD= 4

YEAR= 71

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	3.1370E-04 (239, 4)	3.0118E-04 (92, 4)	2.5187E-04 (92, 4)	1.5741E-04 (239, 4)	8.5707E-05 (201, 4)
2	3.9636E-04 (25, 4)	3.7107E-04 (25, 4)	3.2370E-04 (25, 4)	1.6084E-04 (30, 6)	7.5514E-05 (103, 3)
3	3.7138E-04 (331, 4)	3.4815E-04 (331, 4)	3.0124E-04 (331, 4)	1.2224E-04 (88, 4)	7.7765E-05 (112, 2)
4	3.7007E-04 (131, 4)	3.4139E-04 (131, 4)	3.0023E-04 (201, 5)	1.1988E-04 (85, 4)	5.8594E-05 (114, 1)
5	4.2724E-04 (219, 6)	4.0302E-04 (219, 6)	3.5154E-04 (219, 6)	1.1926E-04 (205, 6)	7.1016E-05 (118, 8)
6	3.4277E-04 (224, 4)	3.2521E-04 (159, 4)	2.8067E-04 (159, 4)	1.2235E-04 (117, 2)	9.6290E-05 (117, 2)
7	4.1479E-04 (224, 4)	3.9627E-04 (224, 4)	3.5759E-04 (224, 4)	1.4950E-04 (73, 6)	6.2188E-05 (229, 6)
8	4.7570E-04 (232, 5)	4.4765E-04 (232, 5)	3.8834E-04 (232, 5)	1.2193E-04 (121, 1)	7.4072E-05 (344, 6)
9	5.3172E-04 (256, 4)	4.9761E-04 (256, 4)	4.3107E-04 (256, 4)	1.9912E-04 (200, 6)	1.1166E-04 (229, 7)
10	4.4303E-04 (298, 4)	4.2640E-04 (298, 4)	3.7228E-04 (168, 4)	1.8598E-04 (172, 7)	8.5706E-05 (104, 7)
11	2.9136E-04 (192, 5)	2.6254E-04 (192, 5)	2.3282E-04 (220, 6)	1.1501E-04 (96, 8)	7.2913E-05 (346, 6)
12	2.9294E-04 (317, 4)	2.7705E-04 (317, 4)	3.0431E-04 (220, 3)	1.4183E-04 (337, 7)	7.3887E-05 (123, 2)
13	2.9872E-04 (136, 4)	2.7478E-04 (136, 4)	2.3180E-04 (136, 4)	1.1595E-04 (79, 1)	7.3497E-05 (200, 7)
14	3.7511E-04 (199, 6)	3.5452E-04 (199, 6)	3.0969E-04 (199, 6)	1.2088E-04 (100, 6)	7.3507E-05 (293, 6)
15	3.3028E-04 (222, 5)	3.0623E-04 (222, 5)	2.5567E-04 (222, 5)	1.3913E-04 (89, 1)	7.5183E-05 (235, 7)
16	3.5773E-04 (169, 4)	3.3048E-04 (169, 4)	2.8295E-04 (169, 4)	1.3675E-04 (172, 3)	9.1843E-05 (76, 7)
17	2.9882E-04 (162, 4)	2.8000E-04 (162, 4)	2.4575E-04 (162, 4)	1.1926E-04 (289, 6)	6.1525E-05 (289, 6)
18	2.7952E-04 (275, 4)	2.6222E-04 (300, 4)	2.2967E-04 (300, 4)	1.4407E-04 (226, 3)	9.3751E-05 (226, 1)
19	2.6860E-04 (99, 4)	2.4607E-04 (99, 4)	2.1002E-04 (99, 4)	1.3970E-04 (338, 3)	7.0132E-05 (67, 3)
20	2.6905E-04 (18, 4)	2.4702E-04 (18, 4)	2.1192E-04 (18, 4)	1.2615E-04 (150, 3)	7.4512E-05 (357, 8)
21	3.9304E-04 (18, 4)	3.6387E-04 (18, 4)	3.4008E-04 (55, 4)	1.5436E-04 (329, 4)	9.6327E-05 (357, 1)
22	3.4685E-04 (261, 4)	3.2355E-04 (261, 4)	2.7165E-04 (142, 5)	1.4541E-04 (301, 8)	9.9201E-05 (301, 8)
23	3.7190E-04 (271, 5)	3.4646E-04 (271, 5)	3.1452E-04 (273, 4)	1.7997E-04 (309, 2)	8.3907E-05 (267, 3)
24	3.5017E-04 (264, 4)	3.3782E-04 (269, 4)	2.8786E-04 (269, 4)	1.6374E-04 (284, 6)	1.1944E-04 (310, 1)
25	4.0507E-04 (137, 4)	3.7457E-04 (137, 4)	3.2086E-04 (232, 4)	1.7008E-04 (94, 2)	9.5270E-05 (17, 1)
26	3.3615E-04 (360, 4)	3.0819E-04 (360, 4)	2.6181E-04 (318, 4)	1.3923E-04 (232, 4)	1.0874E-04 (336, 7)
27	4.1227E-04 (153, 3)	3.9116E-04 (153, 3)	3.4895E-04 (153, 3)	1.5909E-04 (265, 4)	1.0093E-04 (13, 4)
28	3.6340E-04 (101, 5)	3.2782E-04 (101, 5)	2.9719E-04 (233, 3)	1.5340E-04 (231, 4)	8.6993E-05 (241, 7)
29	4.2357E-04 (231, 4)	3.9054E-04 (231, 4)	3.3801E-04 (231, 4)	2.0549E-04 (233, 4)	1.0209E-04 (15, 1)
30	3.5219E-04 (182, 4)	3.3963E-04 (72, 4)	3.2370E-04 (72, 4)	1.4625E-04 (211, 3)	1.2570E-04 (253, 1)
31	3.5006E-04 (346, 4)	3.4125E-04 (346, 4)	3.1401E-04 (87, 4)	1.2064E-04 (242, 5)	8.4888E-05 (257, 2)
32	3.7480E-04 (230, 4)	3.3946E-04 (230, 4)	3.0535E-04 (184, 3)	1.3691E-04 (328, 4)	9.4991E-05 (345, 4)
33	4.8136E-04 (77, 5)	4.5939E-04 (185, 4)	4.2482E-04 (185, 4)	1.6929E-04 (185, 4)	1.0313E-04 (205, 2)
34	4.8638E-04 (200, 3)	4.5145E-04 (187, 4)	3.8207E-04 (206, 3)	1.5810E-04 (200, 3)	8.3465E-05 (157, 8)
35	2.4068E-04 (211, 4)	2.1635E-04 (23, 5)	2.0140E-04 (146, 3)	1.0252E-04 (292, 1)	1.0670E-04 (255, 8)
36	4.2855E-04 (179, 3)	4.1754E-04 (179, 3)	3.8687E-04 (179, 3)	1.5887E-04 (9, 3)	7.7375E-05 (58, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.3632E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=242

YEAR= 72

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	7.1491E-05 (113)	6.6079E-05 (113)	5.6868E-05 (113)	3.2006E-05 (330)	1.6518E-05 (38)
2	8.1879E-05 (57)	7.6524E-05 (57)	6.6681E-05 (57)	3.1153E-05 (5)	1.5689E-05 (114)
3	6.6073E-05 (105)	6.1869E-05 (105)	5.4632E-05 (105)	3.6601E-05 (89)	2.0695E-05 (89)
4	5.2003E-05 (58)	4.8763E-05 (58)	4.2602E-05 (159)	2.1194E-05 (98)	1.2654E-05 (98)
5	6.9033E-05 (261)	6.3539E-05 (292)	5.4980E-05 (292)	2.1287E-05 (172)	1.3821E-05 (312)
6	7.1593E-05 (261)	6.6639E-05 (261)	5.8197E-05 (261)	3.0148E-05 (85)	1.5620E-05 (239)
7	7.9413E-05 (309)	7.2431E-05 (309)	6.0565E-05 (309)	2.9534E-05 (172)	1.4503E-05 (99)
8	7.8894E-05 (220)	7.3106E-05 (220)	6.3384E-05 (220)	3.8440E-05 (172)	2.1310E-05 (180)
9	1.3632E-04 (242)	1.2615E-04 (242)	1.0908E-04 (242)	9.6709E-05 (173)	3.9347E-05 (175)
10	9.8368E-05 (181)	9.1820E-05 (181)	8.0216E-05 (181)	3.6150E-05 (124)	1.5730E-05 (181)
11	5.8196E-05 (131)	5.3814E-05 (143)	4.7718E-05 (222)	3.2844E-05 (143)	1.6258E-05 (143)
12	5.4708E-05 (245)	5.2286E-05 (245)	4.7590E-05 (245)	2.8614E-05 (245)	1.7041E-05 (245)
13	5.9318E-05 (303)	5.6749E-05 (303)	5.0676E-05 (303)	3.5038E-05 (44)	1.9518E-05 (361)
14	4.0316E-05 (194)	3.7443E-05 (194)	3.2606E-05 (194)	2.8952E-05 (281)	2.1913E-05 (142)
15	3.5689E-05 (50)	3.5522E-05 (146)	3.4275E-05 (26)	3.3129E-05 (44)	1.8015E-05 (6)
16	4.1049E-05 (322)	3.9755E-05 (322)	3.6982E-05 (322)	2.6085E-05 (325)	1.1705E-05 (325)
17	4.7945E-05 (326)	5.0308E-05 (326)	4.8238E-05 (263)	3.8126E-05 (351)	1.6839E-05 (351)
18	4.9794E-05 (147)	4.8649E-05 (147)	4.4626E-05 (147)	4.9958E-05 (328)	2.6540E-05 (326)
19	4.7905E-05 (208)	4.8792E-05 (208)	4.8567E-05 (208)	3.0435E-05 (16)	1.5264E-05 (327)
20	5.4634E-05 (83)	5.3142E-05 (83)	4.9061E-05 (83)	2.2836E-05 (336)	1.4398E-05 (327)
21	4.9334E-05 (336)	4.6700E-05 (336)	4.1888E-05 (336)	2.9419E-05 (92)	1.2998E-05 (92)
22	5.2929E-05 (86)	5.0645E-05 (288)	4.2998E-05 (288)	4.3383E-05 (66)	2.2123E-05 (329)
23	4.8562E-05 (279)	4.7578E-05 (117)	5.2174E-05 (117)	5.4749E-05 (117)	2.6997E-05 (353)
24	7.0601E-05 (288)	6.8345E-05 (192)	6.2650E-05 (267)	4.5681E-05 (100)	2.5836E-05 (353)
25	6.8347E-05 (157)	6.2781E-05 (157)	5.4218E-05 (42)	4.1708E-05 (156)	2.1329E-05 (311)
26	1.0165E-04 (265)	9.4587E-05 (265)	8.2151E-05 (265)	4.1839E-05 (203)	2.2283E-05 (284)
27	7.8871E-05 (207)	7.6657E-05 (207)	7.5578E-05 (306)	6.6740E-05 (268)	3.4609E-05 (167)
28	6.5918E-05 (339)	6.2011E-05 (339)	6.4524E-05 (133)	7.4925E-05 (121)	3.3684E-05 (121)
29	8.3167E-05 (101)	7.9270E-05 (101)	7.2420E-05 (101)	3.8436E-05 (127)	1.7714E-05 (324)
30	6.6109E-05 (228)	6.3520E-05 (228)	5.8352E-05 (228)	3.5909E-05 (185)	2.2877E-05 (324)
31	6.5062E-05 (241)	6.2769E-05 (241)	5.8008E-05 (241)	2.4717E-05 (223)	1.7469E-05 (213)
32	6.8099E-05 (61)	6.3775E-05 (61)	5.5954E-05 (61)	3.0020E-05 (120)	2.1037E-05 (1)
33	8.4151E-05 (12)	8.0191E-05 (12)	7.0649E-05 (1)	4.1943E-05 (12)	2.1083E-05 (301)
34	4.6315E-05 (54)	4.2195E-05 (54)	3.7853E-05 (161)	2.3154E-05 (90)	1.3181E-05 (22)
35	4.2899E-05 (307)	4.4410E-05 (307)	4.4321E-05 (319)	1.9777E-05 (324)	1.2676E-05 (13)
36	4.9098E-05 (341)	4.7387E-05 (341)	4.3417E-05 (341)	3.1857E-05 (301)	1.4851E-05 (357)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 5.5050E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=182 TIME PERIOD= 4

YEAR= 72

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	3.5872E-04 (341, 4)	3.4377E-04 (341, 4)	3.0322E-04 (107, 4)	1.7138E-04 (38, 2)	8.5488E-05 (330, 7)
2	4.1548E-04 (57, 4)	3.8681E-04 (55, 5)	3.1956E-04 (55, 5)	1.3408E-04 (171, 6)	7.2977E-05 (31, 2)
3	3.5686E-04 (149, 5)	3.3028E-04 (149, 5)	2.9058E-04 (136, 3)	1.4891E-04 (5, 5)	7.3084E-05 (319, 6)
4	3.7376E-04 (159, 3)	3.6694E-04 (159, 3)	3.4082E-04 (159, 3)	1.2341E-04 (245, 5)	6.2490E-05 (89, 2)
5	3.9118E-04 (211, 6)	3.7052E-04 (211, 6)	3.2483E-04 (211, 6)	1.3412E-04 (357, 5)	7.6963E-05 (55, 4)
6	4.3313E-04 (359, 5)	4.1718E-04 (359, 5)	3.7509E-04 (359, 5)	1.5476E-04 (244, 4)	9.9912E-05 (350, 6)
7	4.2856E-04 (138, 4)	4.0206E-04 (138, 4)	3.4874E-04 (138, 4)	1.3366E-04 (220, 2)	6.7404E-05 (33, 2)
8	4.1952E-04 (290, 4)	3.9552E-04 (290, 4)	3.5506E-04 (219, 3)	1.5363E-04 (175, 7)	7.9909E-05 (280, 3)
9	5.5050E-04 (182, 4)	5.1523E-04 (183, 4)	4.5913E-04 (183, 4)	1.7496E-04 (174, 2)	8.8768E-05 (152, 7)
10	4.5508E-04 (215, 5)	4.2740E-04 (215, 5)	3.7044E-04 (215, 5)	1.5130E-04 (209, 6)	7.3977E-05 (220, 7)
11	3.0051E-04 (222, 5)	2.7470E-04 (222, 5)	2.6123E-04 (239, 5)	1.4680E-04 (44, 6)	7.6376E-05 (97, 7)
12	3.1785E-04 (245, 6)	3.0557E-04 (245, 6)	2.8074E-04 (245, 6)	1.5918E-04 (258, 6)	1.0448E-04 (184, 4)
13	3.8485E-04 (226, 6)	3.6945E-04 (184, 4)	3.1891E-04 (184, 4)	1.1573E-04 (91, 6)	7.7161E-05 (91, 7)
14	3.2253E-04 (194, 3)	2.9954E-04 (194, 3)	2.6084E-04 (194, 3)	1.7525E-04 (281, 4)	1.0575E-04 (142, 3)
15	2.4985E-04 (26, 5)	2.4680E-04 (194, 3)	2.1327E-04 (194, 3)	1.7718E-04 (50, 1)	1.2148E-04 (299, 7)
16	2.6907E-04 (263, 4)	2.3698E-04 (263, 4)	1.9306E-04 (26, 5)	1.1928E-04 (148, 6)	7.0083E-05 (327, 1)
17	3.4122E-04 (45, 5)	3.1875E-04 (45, 5)	2.7944E-04 (45, 5)	1.3517E-04 (351, 8)	6.7782E-05 (326, 2)
18	3.8753E-04 (326, 4)	3.6551E-04 (326, 4)	3.2109E-04 (326, 4)	1.5045E-04 (48, 1)	7.9072E-05 (39, 6)
19	3.4184E-04 (239, 4)	3.3591E-04 (239, 4)	3.1240E-04 (239, 4)	1.4208E-04 (16, 2)	8.3089E-05 (205, 8)
20	2.6506E-04 (83, 3)	2.6027E-04 (83, 3)	2.4110E-04 (83, 3)	1.1451E-04 (31, 4)	7.8399E-05 (40, 7)
21	3.5859E-04 (288, 5)	3.3292E-04 (288, 5)	2.8348E-04 (288, 5)	1.3671E-04 (15, 8)	8.0709E-05 (338, 5)
22	2.8435E-04 (283, 4)	2.6079E-04 (283, 4)	2.2346E-04 (283, 4)	1.4630E-04 (17, 1)	8.0871E-05 (244, 6)
23	3.1647E-04 (163, 4)	3.0232E-04 (163, 4)	2.6344E-04 (342, 5)	1.8625E-04 (70, 1)	9.3414E-05 (240, 7)
24	3.4016E-04 (52, 4)	3.3575E-04 (52, 4)	3.1783E-04 (52, 4)	1.4461E-04 (217, 3)	1.0310E-04 (339, 2)
25	3.7468E-04 (226, 4)	3.4976E-04 (226, 4)	3.2637E-04 (203, 3)	1.6620E-04 (86, 5)	8.8364E-05 (191, 8)
26	3.3852E-04 (157, 3)	3.2479E-04 (157, 3)	2.9335E-04 (157, 3)	1.6378E-04 (126, 8)	9.4512E-05 (338, 7)
27	3.6849E-04 (240, 4)	3.5481E-04 (18, 5)	3.2543E-04 (240, 4)	1.9924E-04 (306, 6)	1.1906E-04 (265, 7)
28	4.3836E-04 (197, 3)	4.1015E-04 (197, 3)	3.6091E-04 (197, 3)	1.8538E-04 (230, 4)	1.0210E-04 (161, 1)
29	2.9463E-04 (198, 3)	2.8120E-04 (198, 3)	2.5373E-04 (198, 3)	1.3910E-04 (169, 8)	9.4198E-05 (21, 1)
30	4.8124E-04 (185, 4)	4.5031E-04 (185, 4)	3.9624E-04 (185, 4)	1.7197E-04 (228, 3)	7.7194E-05 (343, 4)
31	3.0090E-04 (1, 4)	2.8186E-04 (209, 3)	2.6699E-04 (214, 3)	1.2147E-04 (29, 3)	1.0670E-04 (236, 7)
32	3.5508E-04 (61, 4)	3.2774E-04 (61, 4)	2.7844E-04 (276, 4)	1.4911E-04 (135, 1)	9.4426E-05 (1, 8)
33	4.5751E-04 (12, 4)	4.3133E-04 (12, 4)	3.7554E-04 (12, 4)	1.4597E-04 (301, 8)	7.6565E-05 (365, 6)
34	2.9736E-04 (308, 3)	2.9119E-04 (308, 3)	2.7009E-04 (308, 3)	1.4007E-04 (22, 3)	8.0459E-05 (22, 3)
35	2.6360E-04 (213, 5)	2.3841E-04 (213, 5)	2.5599E-04 (309, 3)	1.1671E-04 (90, 7)	7.6431E-05 (324, 7)
36	3.3793E-04 (64, 4)	3.2532E-04 (319, 5)	3.0082E-04 (319, 5)	1.4096E-04 (91, 1)	6.6973E-05 (302, 3)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.1479E-04 DIRECTION= 26 DISTANCE= 5.5 KM DAY=336

YEAR= 73

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	5.3531E-05 (193)	5.1270E-05 (193)	4.6531E-05 (193)	3.4459E-05 (364)	1.8783E-05 (364)
2	6.4407E-05 (159)	5.9765E-05 (159)	5.4104E-05 (71)	3.3320E-05 (146)	1.9113E-05 (148)
3	5.2809E-05 (3)	5.0130E-05 (3)	4.4551E-05 (3)	2.8058E-05 (200)	1.4516E-05 (200)
4	4.9761E-05 (313)	4.5903E-05 (313)	4.1911E-05 (20)	2.6147E-05 (178)	1.6357E-05 (194)
5	7.7425E-05 (256)	7.1385E-05 (256)	6.1145E-05 (256)	2.5993E-05 (117)	1.1467E-05 (117)
6	8.7137E-05 (209)	8.3867E-05 (209)	7.5988E-05 (186)	4.0953E-05 (144)	1.8686E-05 (209)
7	8.0066E-05 (140)	7.6612E-05 (140)	6.8362E-05 (181)	3.3123E-05 (209)	1.6802E-05 (140)
8	8.1167E-05 (185)	7.4308E-05 (185)	6.3844E-05 (185)	2.5940E-05 (253)	1.1919E-05 (27)
9	7.8981E-05 (66)	7.4746E-05 (66)	6.7742E-05 (236)	4.4037E-05 (134)	2.6502E-05 (134)
10	7.5348E-05 (196)	6.8565E-05 (196)	5.9558E-05 (166)	4.0182E-05 (258)	2.3002E-05 (258)
11	6.1158E-05 (169)	5.8865E-05 (263)	5.2797E-05 (169)	3.7508E-05 (85)	1.7065E-05 (169)
12	5.6321E-05 (207)	5.5172E-05 (138)	4.9769E-05 (138)	3.5704E-05 (98)	1.9594E-05 (98)
13	3.9098E-05 (135)	3.8297E-05 (135)	4.6999E-05 (103)	4.9798E-05 (41)	2.0417E-05 (29)
14	4.8485E-05 (175)	4.7265E-05 (38)	4.1766E-05 (38)	3.6265E-05 (175)	1.9507E-05 (175)
15	5.0835E-05 (47)	4.8992E-05 (47)	4.2473E-05 (118)	2.8353E-05 (47)	1.4802E-05 (350)
16	5.4344E-05 (188)	5.2932E-05 (188)	4.8489E-05 (188)	2.2834E-05 (342)	1.3097E-05 (5)
17	4.2774E-05 (52)	4.0323E-05 (52)	3.5912E-05 (53)	4.1384E-05 (342)	2.0670E-05 (12)
18	5.6510E-05 (103)	5.2425E-05 (103)	4.5481E-05 (103)	2.7764E-05 (51)	1.8405E-05 (297)
19	5.0162E-05 (268)	4.7183E-05 (268)	4.1000E-05 (268)	2.8431E-05 (10)	1.4113E-05 (136)
20	5.1768E-05 (233)	4.7856E-05 (305)	4.3174E-05 (305)	3.8238E-05 (24)	2.1804E-05 (24)
21	9.1896E-05 (221)	8.7445E-05 (221)	7.8331E-05 (221)	4.3159E-05 (11)	2.3841E-05 (11)
22	6.2668E-05 (125)	5.7421E-05 (191)	5.0004E-05 (125)	3.6403E-05 (233)	2.0764E-05 (292)
23	5.8481E-05 (102)	5.6575E-05 (102)	5.0485E-05 (221)	4.7758E-05 (291)	2.2983E-05 (191)
24	8.1013E-05 (59)	7.5523E-05 (59)	6.7608E-05 (240)	3.7614E-05 (276)	2.3303E-05 (240)
25	9.8674E-05 (240)	9.1751E-05 (317)	8.4603E-05 (317)	4.0365E-05 (260)	2.5003E-05 (271)
26	1.1479E-04 (336)	1.0969E-04 (336)	9.8217E-05 (336)	3.4789E-05 (82)	1.8430E-05 (220)
27	6.5698E-05 (336)	6.2311E-05 (336)	5.5467E-05 (336)	4.4744E-05 (60)	2.5230E-05 (288)
28	6.4660E-05 (55)	6.1384E-05 (55)	5.5573E-05 (121)	4.2772E-05 (105)	1.9324E-05 (105)
29	7.3607E-05 (238)	6.9309E-05 (238)	6.1778E-05 (238)	3.7204E-05 (105)	2.1631E-05 (105)
30	7.8473E-05 (244)	7.5031E-05 (244)	6.7761E-05 (244)	3.9258E-05 (359)	2.0741E-05 (197)
31	5.8960E-05 (160)	5.8143E-05 (160)	5.5066E-05 (160)	3.6221E-05 (88)	2.2097E-05 (113)
32	6.6919E-05 (322)	6.0967E-05 (322)	5.6930E-05 (329)	4.9529E-05 (88)	2.3575E-05 (21)
33	7.2955E-05 (217)	6.7578E-05 (217)	5.5781E-05 (202)	2.8194E-05 (89)	1.3605E-05 (171)
34	6.3231E-05 (227)	6.2173E-05 (227)	5.4034E-05 (217)	3.1173E-05 (213)	1.7190E-05 (213)
35	6.2439E-05 (40)	6.3297E-05 (40)	5.9959E-05 (115)	4.3001E-05 (93)	2.2166E-05 (40)
36	5.2827E-05 (194)	4.8760E-05 (194)	4.1410E-05 (194)	3.0066E-05 (79)	1.8193E-05 (347)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 5.9088E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=180 TIME PERIOD= 3

YEAR= 73

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	3.3404E-04 (150, 4)	3.1970E-04 (150, 4)	2.8494E-04 (150, 4)	1.3120E-04 (128, 8)	9.1839E-05 (364, 5)
2	4.3531E-04 (71, 5)	4.0787E-04 (71, 5)	3.5235E-04 (71, 5)	1.4337E-04 (331, 6)	7.1990E-05 (338, 7)
3	3.8740E-04 (3, 5)	3.5763E-04 (269, 5)	2.9950E-04 (269, 5)	1.5060E-04 (116, 5)	7.1926E-05 (200, 7)
4	3.6558E-04 (313, 4)	3.3846E-04 (313, 4)	2.9380E-04 (313, 4)	1.0431E-04 (313, 4)	7.5487E-05 (210, 8)
5	4.1699E-04 (309, 4)	3.8794E-04 (309, 4)	3.4398E-04 (196, 3)	1.4297E-04 (117, 1)	6.8403E-05 (210, 8)
6	4.6613E-04 (235, 5)	4.3680E-04 (235, 5)	3.8510E-04 (235, 5)	1.5551E-04 (140, 3)	7.0810E-05 (195, 8)
7	3.5468E-04 (219, 4)	3.2777E-04 (252, 6)	2.8294E-04 (252, 6)	1.4507E-04 (209, 6)	1.1449E-04 (114, 7)
8	4.5788E-04 (289, 5)	4.4395E-04 (19, 4)	4.0850E-04 (19, 4)	1.5626E-04 (19, 4)	6.4891E-05 (19, 4)
9	5.9088E-04 (180, 3)	5.6780E-04 (180, 3)	5.1526E-04 (66, 5)	1.6123E-04 (253, 6)	8.5801E-05 (134, 4)
10	3.2926E-04 (173, 6)	3.0509E-04 (173, 6)	2.5878E-04 (173, 6)	1.3277E-04 (129, 6)	9.1297E-05 (169, 7)
11	3.8698E-04 (166, 3)	3.8349E-04 (166, 3)	3.6277E-04 (166, 3)	1.4284E-04 (235, 6)	8.2243E-05 (175, 1)
12	2.6155E-04 (100, 4)	2.5441E-04 (207, 4)	2.8416E-04 (207, 4)	1.5712E-04 (207, 4)	7.5404E-05 (8, 8)
13	2.9630E-04 (231, 5)	2.9891E-04 (135, 3)	2.7687E-04 (135, 3)	1.2633E-04 (86, 5)	1.1954E-04 (255, 7)
14	3.1716E-04 (175, 5)	2.9057E-04 (175, 5)	2.4263E-04 (175, 5)	1.5056E-04 (332, 8)	1.3020E-04 (289, 7)
15	3.0199E-04 (200, 4)	3.0290E-04 (200, 4)	2.9058E-04 (200, 4)	1.3572E-04 (13, 5)	7.1223E-05 (71, 8)
16	3.2677E-04 (182, 4)	3.0470E-04 (182, 4)	2.6649E-04 (182, 4)	1.2320E-04 (12, 5)	8.2573E-05 (254, 3)
17	3.2459E-04 (53, 4)	3.1018E-04 (53, 4)	2.8078E-04 (52, 4)	1.5324E-04 (342, 1)	7.8722E-05 (13, 2)
18	3.7486E-04 (14, 4)	3.5911E-04 (14, 4)	3.0450E-04 (297, 5)	1.2504E-04 (14, 4)	7.4133E-05 (48, 1)
19	3.2877E-04 (268, 5)	3.0604E-04 (268, 5)	2.6173E-04 (268, 5)	1.3835E-04 (136, 4)	7.7631E-05 (307, 6)
20	3.5275E-04 (268, 3)	3.5569E-04 (268, 3)	3.4267E-04 (299, 4)	1.4049E-04 (345, 4)	7.1837E-05 (345, 4)
21	3.8439E-04 (221, 6)	3.7545E-04 (221, 6)	3.4521E-04 (221, 6)	1.7793E-04 (305, 4)	8.4517E-05 (280, 2)
22	3.6687E-04 (78, 4)	3.3967E-04 (78, 4)	2.8646E-04 (125, 4)	1.3565E-04 (292, 1)	6.7971E-05 (49, 3)
23	3.1958E-04 (102, 4)	3.1097E-04 (102, 4)	2.8879E-04 (102, 4)	1.5910E-04 (16, 5)	8.3411E-05 (43, 6)
24	3.6978E-04 (310, 4)	3.4886E-04 (310, 4)	3.1193E-04 (310, 4)	1.6833E-04 (240, 7)	8.4374E-05 (260, 1)
25	5.0091E-04 (352, 4)	4.7496E-04 (352, 4)	4.2334E-04 (352, 4)	2.0155E-04 (288, 6)	1.1334E-04 (260, 3)
26	5.1169E-04 (336, 5)	4.8032E-04 (336, 5)	4.2850E-04 (352, 4)	1.7333E-04 (235, 4)	9.0827E-05 (234, 7)
27	3.4407E-04 (96, 5)	3.2027E-04 (96, 5)	2.8880E-04 (20, 4)	1.8632E-04 (17, 6)	1.2379E-04 (242, 7)
28	3.9463E-04 (288, 5)	3.9198E-04 (288, 5)	3.7273E-04 (288, 5)	1.5624E-04 (31, 6)	9.7884E-05 (8, 1)
29	4.2778E-04 (238, 3)	4.0587E-04 (238, 3)	3.6156E-04 (238, 3)	1.7009E-04 (318, 4)	1.0914E-04 (150, 8)
30	3.6217E-04 (121, 5)	3.3231E-04 (121, 5)	2.8245E-04 (176, 5)	1.6990E-04 (337, 4)	9.6746E-05 (353, 6)
31	3.8413E-04 (171, 4)	3.4323E-04 (171, 4)	2.8447E-04 (171, 4)	1.4751E-04 (113, 1)	7.9009E-05 (68, 2)
32	3.7279E-04 (157, 4)	3.3518E-04 (157, 4)	2.9006E-04 (127, 5)	1.7052E-04 (67, 4)	9.3919E-05 (301, 2)
33	3.7047E-04 (61, 5)	3.5237E-04 (320, 3)	3.2264E-04 (320, 3)	1.5239E-04 (359, 5)	1.0034E-04 (194, 1)
34	3.4250E-04 (200, 4)	3.1863E-04 (200, 4)	2.7892E-04 (64, 4)	1.3811E-04 (339, 2)	7.7570E-05 (126, 6)
35	3.1394E-04 (115, 4)	2.9317E-04 (115, 4)	2.5153E-04 (115, 4)	1.5106E-04 (40, 6)	1.0004E-04 (228, 1)
36	2.5569E-04 (194, 5)	2.3643E-04 (194, 5)	1.9993E-04 (194, 5)	1.3349E-04 (73, 4)	7.2135E-05 (146, 1)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAX3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.4274E-04 DIRECTION= 24 DISTANCE= 5.5 KM DAY=286

YEAR= 74

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	4.2133E-05 (203)	3.9499E-05 (208)	3.7259E-05 (84)	3.0836E-05 (175)	1.5080E-05 (52)
2	4.9490E-05 (207)	4.5330E-05 (91)	4.3388E-05 (91)	2.9247E-05 (30)	1.3579E-05 (28)
3	4.2748E-05 (45)	3.9987E-05 (46)	3.4824E-05 (222)	2.7831E-05 (39)	1.4792E-05 (39)
4	7.1130E-05 (229)	6.7640E-05 (229)	6.0342E-05 (90)	2.2313E-05 (229)	1.1605E-05 (88)
5	5.4143E-05 (229)	5.1117E-05 (229)	4.5376E-05 (229)	1.7784E-05 (210)	1.2431E-05 (210)
6	5.8843E-05 (9)	5.5535E-05 (9)	4.8402E-05 (9)	3.3176E-05 (270)	1.7226E-05 (209)
7	6.8155E-05 (16)	6.7560E-05 (16)	6.3450E-05 (16)	2.7622E-05 (190)	1.2988E-05 (90)
8	7.3353E-05 (163)	6.8804E-05 (163)	5.9984E-05 (163)	2.4221E-05 (168)	1.1783E-05 (209)
9	1.2842E-04 (230)	1.1876E-04 (230)	1.0158E-04 (230)	4.9020E-05 (192)	2.2433E-05 (71)
10	8.6513E-05 (192)	8.0749E-05 (192)	7.1086E-05 (192)	3.3765E-05 (145)	1.7104E-05 (230)
11	8.5024E-05 (192)	7.9431E-05 (192)	6.8018E-05 (167)	2.7659E-05 (335)	1.1695E-05 (335)
12	5.5636E-05 (200)	5.1098E-05 (200)	4.2890E-05 (200)	2.4088E-05 (53)	1.2951E-05 (240)
13	3.1999E-05 (222)	3.0699E-05 (257)	2.9381E-05 (257)	2.8763E-05 (39)	1.2368E-05 (99)
14	3.1199E-05 (222)	2.9075E-05 (222)	3.3893E-05 (56)	3.9932E-05 (40)	1.7473E-05 (56)
15	3.2222E-05 (99)	2.9922E-05 (197)	2.8050E-05 (40)	3.5906E-05 (96)	1.4138E-05 (96)
16	5.7868E-05 (338)	5.5631E-05 (338)	5.1413E-05 (338)	3.3336E-05 (326)	1.4238E-05 (316)
17	4.3742E-05 (317)	4.2410E-05 (317)	3.8901E-05 (317)	2.7679E-05 (355)	1.7155E-05 (310)
18	5.4158E-05 (332)	5.1400E-05 (332)	4.7713E-05 (257)	4.0181E-05 (279)	1.9005E-05 (279)
19	4.5040E-05 (364)	4.2873E-05 (291)	4.0909E-05 (291)	3.1726E-05 (311)	1.4517E-05 (311)
20	5.6272E-05 (281)	5.2418E-05 (281)	5.0177E-05 (198)	3.4003E-05 (330)	1.8750E-05 (57)
21	6.4088E-05 (264)	5.9189E-05 (264)	5.4735E-05 (182)	4.2868E-05 (107)	2.2402E-05 (107)
22	5.7109E-05 (265)	5.1763E-05 (265)	4.8352E-05 (344)	5.2489E-05 (276)	2.1901E-05 (313)
23	7.0152E-05 (306)	6.4899E-05 (306)	5.5315E-05 (306)	3.5254E-05 (267)	1.9683E-05 (293)
24	1.4274E-04 (286)	1.3256E-04 (286)	1.1411E-04 (286)	5.5690E-05 (348)	2.5507E-05 (284)
25	8.7167E-05 (110)	6.0251E-05 (110)	6.7808E-05 (110)	3.8948E-05 (73)	2.1945E-05 (287)
26	8.7791E-05 (305)	8.0970E-05 (305)	6.9749E-05 (305)	2.9594E-05 (115)	1.8508E-05 (349)
27	7.9150E-05 (244)	7.6020E-05 (244)	6.8265E-05 (244)	3.7041E-05 (171)	2.2148E-05 (333)
28	8.0160E-05 (2)	7.8758E-05 (2)	7.5209E-05 (2)	4.3473E-05 (2)	2.0450E-05 (2)
29	6.7303E-05 (240)	6.2258E-05 (240)	5.4155E-05 (240)	5.2160E-05 (140)	2.3954E-05 (140)
30	5.7842E-05 (67)	5.3873E-05 (243)	5.0600E-05 (243)	2.6005E-05 (301)	1.6771E-05 (334)
31	8.5825E-05 (219)	8.2937E-05 (219)	7.7763E-05 (219)	4.2697E-05 (134)	2.0272E-05 (134)
32	6.5185E-05 (63)	5.9799E-05 (63)	5.3975E-05 (85)	2.8862E-05 (65)	1.7282E-05 (9)
33	6.8720E-05 (207)	6.4929E-05 (207)	5.7944E-05 (207)	3.2646E-05 (94)	1.6501E-05 (220)
34	5.1133E-05 (236)	4.6018E-05 (236)	3.7644E-05 (236)	3.0090E-05 (213)	1.9605E-05 (84)
35	4.3919E-05 (164)	4.0811E-05 (250)	3.6449E-05 (208)	2.4742E-05 (175)	1.2534E-05 (175)
36	5.5154E-05 (161)	5.5068E-05 (161)	5.3362E-05 (161)	4.6419E-05 (341)	2.3074E-05 (175)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.0545E-04 DIRECTION= 27 DISTANCE= 5.5 KM DAY=322

YEAR= 75

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	5.2479E-05 (255)	5.0678E-05 (255)	4.6348E-05 (255)	3.6304E-05 (49)	2.1982E-05 (49)
2	8.0284E-05 (19)	7.7821E-05 (19)	7.2756E-05 (19)	4.0516E-05 (66)	2.0593E-05 (50)
3	7.4737E-05 (118)	6.7830E-05 (118)	5.9693E-05 (203)	2.9861E-05 (50)	1.4842E-05 (82)
4	6.9610E-05 (24)	6.4867E-05 (24)	5.6188E-05 (24)	2.2696E-05 (24)	1.7288E-05 (187)
5	7.7505E-05 (153)	7.6857E-05 (153)	6.8202E-05 (137)	2.6020E-05 (192)	1.5321E-05 (190)
6	5.4819E-05 (205)	5.1557E-05 (205)	4.5479E-05 (205)	2.2396E-05 (191)	1.2458E-05 (191)
7	6.4077E-05 (80)	5.9150E-05 (80)	4.9963E-05 (80)	2.3962E-05 (166)	1.4276E-05 (188)
8	6.2992E-05 (185)	5.6331E-05 (185)	4.7260E-05 (190)	2.5867E-05 (189)	1.1877E-05 (76)
9	1.0516E-04 (189)	9.8854E-05 (189)	8.5863E-05 (165)	3.6586E-05 (158)	1.7863E-05 (158)
10	5.8506E-05 (156)	5.3783E-05 (156)	5.2121E-05 (44)	2.3450E-05 (243)	1.1575E-05 (44)
11	5.2514E-05 (170)	5.1839E-05 (134)	5.0044E-05 (134)	2.6555E-05 (162)	1.2065E-05 (134)
12	5.0562E-05 (224)	4.6458E-05 (226)	4.3373E-05 (224)	2.4703E-05 (138)	1.6162E-05 (138)
13	6.7416E-05 (230)	6.2824E-05 (244)	5.4398E-05 (230)	3.1220E-05 (256)	1.7329E-05 (256)
14	4.6160E-05 (244)	4.2044E-05 (244)	3.5612E-05 (244)	2.4686E-05 (55)	1.3365E-05 (13)
15	4.9470E-05 (226)	4.9468E-05 (226)	4.8336E-05 (243)	3.1328E-05 (38)	1.7090E-05 (13)
16	3.7685E-05 (226)	3.6878E-05 (226)	3.6021E-05 (291)	3.1055E-05 (13)	1.2704E-05 (352)
17	4.9353E-05 (105)	4.5249E-05 (105)	3.7867E-05 (105)	4.2041E-05 (270)	2.5800E-05 (270)
18	4.3669E-05 (361)	4.1118E-05 (361)	3.8925E-05 (357)	3.9362E-05 (270)	2.3447E-05 (269)
19	3.4196E-05 (94)	3.1882E-05 (228)	2.7599E-05 (228)	2.4121E-05 (96)	1.5407E-05 (96)
20	6.9883E-05 (256)	6.6529E-05 (256)	5.9143E-05 (256)	4.1880E-05 (64)	1.8320E-05 (94)
21	7.0349E-05 (64)	6.5875E-05 (64)	5.9500E-05 (303)	3.0313E-05 (303)	2.0278E-05 (361)
22	7.4338E-05 (176)	7.1913E-05 (176)	6.6987E-05 (176)	3.1332E-05 (176)	1.8254E-05 (353)
23	6.3021E-05 (175)	5.8804E-05 (175)	5.2242E-05 (181)	3.4673E-05 (304)	1.9769E-05 (85)
24	5.8543E-05 (285)	5.4448E-05 (285)	4.9010E-05 (17)	3.5575E-05 (277)	1.9839E-05 (22)
25	6.7186E-05 (142)	6.3247E-05 (116)	5.7415E-05 (116)	3.5533E-05 (304)	2.1935E-05 (239)
26	8.0888E-05 (247)	7.3137E-05 (247)	7.0184E-05 (345)	3.3920E-05 (286)	1.7576E-05 (309)
27	1.0545E-04 (322)	9.9922E-05 (322)	8.8413E-05 (322)	5.8424E-05 (86)	2.5032E-05 (86)
28	6.9798E-05 (330)	6.7042E-05 (86)	6.5539E-05 (86)	4.6849E-05 (288)	2.4685E-05 (315)
29	6.1034E-05 (113)	6.0633E-05 (113)	6.0375E-05 (113)	4.5328E-05 (313)	2.1970E-05 (313)
30	7.2027E-05 (172)	6.9396E-05 (219)	6.1473E-05 (219)	4.6960E-05 (263)	2.5051E-05 (263)
31	6.0301E-05 (46)	5.7778E-05 (46)	5.1802E-05 (46)	3.2637E-05 (289)	1.8836E-05 (364)
32	7.1835E-05 (161)	6.8779E-05 (161)	6.2180E-05 (161)	2.9686E-05 (136)	1.6940E-05 (109)
33	6.3510E-05 (28)	6.0618E-05 (28)	5.3976E-05 (28)	4.0966E-05 (11)	2.1935E-05 (364)
34	5.1885E-05 (152)	5.0322E-05 (152)	4.6317E-05 (152)	3.2819E-05 (209)	2.1254E-05 (10)
35	5.3278E-05 (334)	4.9804E-05 (334)	4.2825E-05 (334)	2.1271E-05 (10)	1.4441E-05 (12)
36	6.9458E-05 (351)	6.8134E-05 (351)	5.9996E-05 (202)	4.7608E-05 (12)	2.0680E-05 (89)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 5.5882E-04 DIRECTION= 24 DISTANCE= 5.5 KM DAY=284 TIME PERIOD= 4

YEAR= 74

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	3.2965E-04 (208, 4)	3.0726E-04 (98, 5)	2.6557E-04 (98, 5)	1.7970E-04 (354, 5)	7.4672E-05 (354, 5)
2	3.4053E-04 (324, 4)	3.2132E-04 (324, 4)	2.8412E-04 (324, 4)	1.4036E-04 (131, 6)	5.8008E-05 (38, 5)
3	3.0945E-04 (103, 5)	2.8213E-04 (103, 5)	2.5162E-04 (248, 5)	1.3978E-04 (248, 5)	8.4488E-05 (209, 8)
4	3.4563E-04 (229, 4)	3.1930E-04 (229, 4)	2.7678E-04 (229, 4)	1.0365E-04 (346, 6)	6.5446E-05 (30, 8)
5	3.1048E-04 (158, 5)	2.8459E-04 (188, 4)	2.7503E-04 (163, 3)	1.3122E-04 (78, 6)	6.3629E-05 (210, 1)
6	4.0301E-04 (9, 5)	4.2932E-04 (86, 5)	3.6193E-04 (86, 5)	1.4995E-04 (209, 6)	8.1266E-05 (5, 4)
7	3.7604E-04 (146, 4)	3.4964E-04 (146, 4)	3.0804E-04 (292, 4)	1.3908E-04 (88, 7)	5.7775E-05 (268, 5)
8	4.0469E-04 (145, 4)	3.7185E-04 (145, 4)	3.1173E-04 (145, 4)	1.3439E-04 (104, 6)	7.6938E-05 (203, 1)
9	5.1727E-04 (173, 4)	4.7931E-04 (173, 4)	4.1839E-04 (173, 4)	1.6101E-04 (173, 4)	7.3252E-05 (104, 7)
10	4.7549E-04 (173, 6)	4.4670E-04 (173, 6)	3.8375E-04 (197, 6)	1.4857E-04 (69, 6)	7.5733E-05 (230, 7)
11	3.8670E-04 (192, 3)	3.7173E-04 (192, 3)	3.3595E-04 (192, 3)	1.5067E-04 (193, 2)	7.3272E-05 (155, 6)
12	3.2722E-04 (167, 3)	3.1397E-04 (167, 3)	2.8364E-04 (167, 3)	1.2358E-04 (162, 7)	8.3525E-05 (53, 6)
13	2.4781E-04 (257, 6)	2.3586E-04 (222, 6)	2.0342E-04 (222, 6)	1.1092E-04 (120, 6)	7.5572E-05 (336, 7)
14	2.1029E-04 (226, 6)	1.9460E-04 (226, 6)	1.8075E-04 (239, 6)	1.4172E-04 (325, 6)	8.4510E-05 (107, 7)
15	2.3632E-04 (54, 5)	2.2750E-04 (54, 5)	2.0416E-04 (54, 5)	1.1905E-04 (292, 6)	7.1396E-05 (361, 8)
16	2.3387E-04 (338, 5)	2.2364E-04 (338, 4)	2.0865E-04 (338, 4)	1.5240E-04 (316, 3)	6.6848E-05 (364, 6)
17	3.4397E-04 (317, 5)	3.3059E-04 (317, 5)	2.9588E-04 (317, 5)	1.5767E-04 (106, 7)	8.8334E-05 (350, 3)
18	3.3070E-04 (332, 4)	3.0504E-04 (332, 4)	2.7156E-04 (291, 4)	1.4019E-04 (279, 8)	7.8280E-05 (280, 6)
19	3.4244E-04 (291, 4)	3.3056E-04 (364, 5)	2.8666E-04 (364, 5)	1.2542E-04 (55, 3)	5.9520E-05 (57, 4)
20	3.1751E-04 (311, 4)	2.8984E-04 (311, 4)	2.4455E-04 (311, 4)	1.3392E-04 (57, 2)	8.3065E-05 (18, 8)
21	3.8762E-04 (54, 4)	3.6468E-04 (54, 4)	3.2267E-04 (54, 4)	1.7259E-04 (294, 8)	8.6575E-05 (347, 7)
22	4.0236E-04 (254, 6)	3.8026E-04 (254, 6)	3.3867E-04 (254, 6)	1.3286E-04 (254, 6)	7.6001E-05 (293, 6)
23	3.5000E-04 (339, 4)	3.3494E-04 (257, 4)	3.0906E-04 (257, 4)	1.4781E-04 (332, 6)	9.6193E-05 (293, 1)
24	5.5882E-04 (284, 4)	5.2052E-04 (284, 4)	4.6616E-04 (254, 3)	1.8756E-04 (283, 5)	9.6911E-05 (251, 7)
25	3.7991E-04 (305, 4)	3.5208E-04 (305, 4)	3.0586E-04 (305, 4)	1.6971E-04 (287, 6)	1.0677E-04 (183, 1)
26	3.7070E-04 (169, 3)	3.7170E-04 (169, 3)	3.3003E-04 (305, 4)	1.3892E-04 (115, 7)	1.0052E-04 (188, 8)
27	4.2112E-04 (244, 5)	4.0100E-04 (299, 5)	3.5040E-04 (299, 5)	1.6753E-04 (318, 8)	1.2913E-04 (318, 8)
28	3.5400E-04 (204, 3)	3.4187E-04 (204, 3)	3.2368E-04 (234, 3)	1.5726E-04 (2, 4)	9.3206E-05 (236, 3)
29	4.3991E-04 (221, 4)	4.0798E-04 (221, 4)	3.5668E-04 (221, 4)	1.4603E-04 (140, 4)	6.9790E-05 (245, 1)
30	3.8613E-04 (240, 4)	3.5602E-04 (203, 3)	3.4469E-04 (203, 3)	1.4290E-04 (203, 3)	7.2518E-05 (301, 6)
31	3.9795E-04 (219, 4)	3.7109E-04 (219, 4)	3.1606E-04 (136, 4)	1.3914E-04 (102, 3)	8.9626E-05 (3, 8)
32	4.6327E-04 (6, 4)	4.4195E-04 (85, 4)	4.2663E-04 (85, 4)	1.4329E-04 (217, 8)	7.6488E-05 (9, 3)
33	4.2076E-04 (207, 3)	4.0052E-04 (207, 3)	3.5353E-04 (220, 3)	1.4769E-04 (143, 1)	7.5832E-05 (21, 1)
34	3.0339E-04 (14, 5)	2.7269E-04 (14, 5)	2.2630E-04 (14, 5)	1.5746E-04 (82, 5)	9.3448E-05 (213, 1)
35	3.1539E-04 (321, 5)	2.8916E-04 (321, 5)	2.4749E-04 (251, 4)	1.1522E-04 (53, 3)	7.7422E-05 (82, 3)
36	4.0750E-04 (210, 4)	3.9109E-04 (210, 4)	3.5664E-04 (210, 4)	1.7150E-04 (359, 4)	8.4084E-05 (251, 5)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 5.0834E-04 DIRECTION= 30 DISTANCE= 5.5 KM DAY=162 TIME PERIOD= 3

YEAR= 75

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	3.2516E-04 (118, 3)	3.1577E-04 (118, 3)	3.0728E-04 (18, 5)	1.2106E-04 (89, 4)	7.5566E-05 (91, 4)
2	4.3599E-04 (19, 5)	4.1742E-04 (19, 5)	3.8074E-04 (19, 5)	1.9373E-04 (104, 6)	8.5030E-05 (66, 4)
3	4.0547E-04 (24, 5)	3.7836E-04 (100, 5)	3.2071E-04 (100, 5)	1.5069E-04 (25, 5)	7.8088E-05 (71, 5)
4	3.7011E-04 (130, 5)	3.5741E-04 (133, 4)	3.2775E-04 (109, 5)	1.0853E-04 (153, 5)	7.4858E-05 (209, 6)
5	4.4874E-04 (186, 3)	4.3758E-04 (186, 3)	4.0551E-04 (186, 3)	1.5723E-04 (186, 3)	6.6459E-05 (186, 3)
6	2.8112E-04 (167, 3)	2.6767E-04 (148, 5)	2.6282E-04 (148, 5)	1.2213E-04 (91, 6)	7.2638E-05 (118, 7)
7	4.9474E-04 (80, 5)	4.5093E-04 (185, 5)	3.7378E-04 (185, 5)	1.1483E-04 (204, 4)	6.4098E-05 (166, 3)
8	3.6635E-04 (225, 4)	3.3530E-04 (225, 4)	2.8771E-04 (27, 5)	1.3797E-04 (90, 6)	6.8708E-05 (90, 4)
9	4.5394E-04 (225, 4)	4.1920E-04 (225, 4)	3.7315E-04 (16, 5)	1.6707E-04 (158, 3)	7.0146E-05 (1, 6)
10	3.6202E-04 (134, 6)	3.3658E-04 (267, 4)	3.0315E-04 (267, 4)	1.3554E-04 (171, 6)	6.6219E-05 (27, 6)
11	3.4023E-04 (26, 5)	3.2752E-04 (26, 5)	3.0089E-04 (26, 5)	1.3691E-04 (162, 6)	6.7433E-05 (360, 2)
12	2.0367E-04 (140, 6)	2.4608E-04 (157, 3)	2.2445E-04 (157, 3)	1.2500E-04 (95, 6)	8.0936E-05 (155, 7)
13	2.6305E-04 (155, 3)	2.6254E-04 (155, 3)	2.5306E-04 (155, 3)	1.3314E-04 (55, 3)	1.1025E-04 (256, 6)
14	2.8587E-04 (244, 5)	2.6193E-04 (244, 5)	2.2418E-04 (244, 5)	1.2661E-04 (105, 6)	9.8643E-05 (325, 7)
15	2.0172E-04 (177, 4)	1.8714E-04 (177, 4)	1.7151E-04 (294, 6)	1.3608E-04 (243, 5)	7.1945E-05 (270, 2)
16	2.5447E-04 (62, 5)	2.5071E-04 (291, 5)	2.4054E-04 (95, 5)	1.3284E-04 (298, 4)	8.8580E-05 (268, 8)
17	2.8191E-04 (328, 4)	2.6988E-04 (328, 4)	2.4306E-04 (328, 4)	1.3837E-04 (269, 2)	8.7957E-05 (270, 6)
18	2.4668E-04 (185, 4)	2.3314E-04 (185, 4)	2.1877E-04 (326, 4)	1.4555E-04 (270, 4)	8.4934E-05 (270, 4)
19	2.1073E-04 (94, 4)	1.9351E-04 (94, 4)	1.6482E-04 (94, 4)	9.6507E-05 (327, 2)	7.3935E-05 (327, 2)
20	3.2973E-04 (57, 4)	3.2148E-04 (57, 4)	3.0104E-04 (57, 4)	1.6505E-04 (301, 6)	8.2027E-05 (268, 1)
21	3.9887E-04 (56, 4)	3.6903E-04 (56, 4)	3.3597E-04 (291, 4)	1.5637E-04 (62, 3)	8.3434E-05 (353, 2)
22	3.3323E-04 (353, 5)	3.0866E-04 (176, 4)	2.6857E-04 (176, 3)	1.5554E-04 (176, 3)	9.7260E-05 (140, 3)
23	4.6505E-04 (85, 5)	4.2781E-04 (85, 5)	3.5925E-04 (85, 5)	1.5852E-04 (357, 3)	7.5677E-05 (357, 3)
24	3.4331E-04 (285, 5)	3.1950E-04 (285, 5)	2.7270E-04 (285, 5)	1.2337E-04 (332, 6)	1.0472E-04 (240, 7)
25	4.0326E-04 (112, 3)	3.8591E-04 (112, 3)	3.4800E-04 (112, 3)	1.5809E-04 (309, 5)	1.0017E-04 (320, 8)
26	4.0844E-04 (16, 4)	4.0937E-04 (16, 4)	3.8531E-04 (27, 4)	1.6008E-04 (27, 4)	7.7862E-05 (247, 3)
27	4.6218E-04 (322, 5)	4.3333E-04 (322, 5)	3.7425E-04 (322, 5)	1.5655E-04 (236, 3)	1.0954E-04 (212, 2)
28	4.1285E-04 (86, 5)	3.8572E-04 (86, 5)	3.3186E-04 (86, 5)	1.8552E-04 (112, 6)	9.1151E-05 (212, 3)
29	3.6206E-04 (132, 3)	3.3887E-04 (132, 3)	2.9921E-04 (210, 3)	1.3126E-04 (280, 3)	8.1954E-05 (75, 1)
30	5.0834E-04 (162, 3)	4.9263E-04 (162, 3)	4.5400E-04 (162, 3)	1.7866E-04 (162, 3)	8.7098E-05 (172, 3)
31	4.2398E-04 (222, 5)	4.0715E-04 (29, 4)	3.7223E-04 (168, 3)	1.5323E-04 (267, 3)	8.9478E-05 (210, 1)
32	4.4375E-04 (130, 4)	4.2061E-04 (130, 4)	3.7474E-04 (130, 4)	1.6146E-04 (274, 4)	8.7096E-05 (109, 1)
33	4.3326E-04 (28, 4)	4.1219E-04 (28, 4)	3.6588E-04 (28, 4)	1.5103E-04 (364, 8)	9.4660E-05 (209, 8)
34	3.6436E-04 (249, 3)	3.6597E-04 (249, 3)	3.5083E-04 (249, 3)	1.3948E-04 (152, 3)	7.3950E-05 (209, 2)
35	2.5399E-04 (136, 4)	2.4516E-04 (136, 4)	2.2447E-04 (136, 4)	1.0142E-04 (13, 1)	6.3835E-05 (231, 1)
36	4.2296E-04 (202, 4)	3.9453E-04 (202, 4)	3.3872E-04 (202, 4)	1.5208E-04 (151, 4)	8.3031E-05 (160, 3)

COMPOSITE HIGHEST,SECOND-HIGHEST 24-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	71	66	57	36	22
2	82	78	73	43	21
3	75	68	60	37	21
4	71	68	60	26	17
5	78	77	68	26	15
6	87	84	76	43	19
7	80	77	68	33	17
8	81	74	64	38	21
9	136	126	109	97	39
10	98	92	80	41	23
11	85	79	68	38	17
12	56	55	50	41	20
13	67	63	54	50	20
14	48	47	42	40	22
15	57	53	48	36	18
16	58	56	51	33	16
17	49	50	48	42	26
18	57	52	48	50	27
19	50	49	49	32	15
20	70	67	59	42	22
21	92	87	78	43	24
22	74	72	67	52	22
23	70	65	55	57	27
24	143	133	114	56	33
25	99	92	85	42	25
26	115	110	98	47	22
27	105	100	88	67	35
28	82	79	75	75	34
29	83	79	72	52	24
30	78	75	68	47	29
31	86	83	78	43	22
32	72	69	62	50	24
33	86	81	71	43	26
34	67	62	54	33	21
35	62	63	60	43	22
36	69.	68.	60.	48.	26.

COMPOSITE HIGHEST, SECOND-HIGHEST [illegible]OUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	359.	344.	307.	180.	92.
2	436.	417.	381.	194.	85.
3	405.	378.	321.	151.	84.
4	374.	367.	341.	123.	75.
5	449.	438.	406.	157.	77.
6	466.	437.	385.	156.	100.
7	495.	451.	374.	150.	114.
8	476.	448.	409.	156.	80.
9	591.	568.	515.	199.	112.
10	475.	447.	384.	186.	91.
11	387.	383.	363.	151.	82.
12	327.	314.	304.	159.	104.
13	385.	369.	319.	133.	120.
14	375.	355.	310.	175.	130.
15	334.	306.	291.	177.	121.
16	358.	330.	283.	152.	92.
17	344.	331.	296.	158.	88.
18	388.	366.	321.	150.	94.
19	342.	336.	312.	142.	83.
20	353.	356.	343.	165.	83.
21	399.	375.	345.	178.	96.
22	402.	380.	339.	156.	99.
23	465.	428.	359.	186.	96.
24	559.	521.	466.	188.	119.
25	501.	475.	423.	202.	113.
26	512.	480.	428.	173.	109.
27	462.	433.	374.	199.	129.
28	438.	410.	373.	186.	102.
29	430.	408.	362.	205.	109.
30	598.	493.	454.	179.	126.
31	424.	407.	372.	153.	107.
32	463.	442.	427.	171.	95.
33	481.	459.	425.	169.	103.
34	446.	451.	382.	158.	93.
35	315.	293.	256.	151.	107.
36	429.	418.	387.	172.	84.

TECO

UNITS 1 AND 3 ONLY

BASELINE 24- AND 3-HOUR SO_2

AND 24-HOUR TSP

50 PERCENT LOAD

RING DISTANCES(KM)= 0.50 1.00 1.50 2.00 2.50

STACK # 1--TECO 1 100% 35T/H SO2
STACK # 2--TECO 3 100% 35T/H SO2

STACK	MONTH	EMISSION RATE (GMS/SEC)	HEIGHT (METERS)	DIAMETER (METERS)	EXIT VELOCITY (M/SEC)	TEMP (DEG.K)	VOLUMETRIC FLOW (M**3/SEC)
1	ALL	2931.0500	149.40	7.32	14.30	422.00	601.79
2	ALL	2987.6799	149.40	7.32	14.40	417.00	606.00

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.6452E-04 DIRECTION= 9 DISTANCE= 2.5 KM DAY=128

YEAR= 71

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
DIR					
1	8.8048E-13 (238)	2.7955E-05 (236)	3.4892E-05 (236)	5.7124E-05 (229)	7.3025E-05 (229)
2	5.5859E-12 (238)	3.8391E-05 (260)	7.1647E-05 (236)	6.3370E-05 (260)	7.5650E-05 (113)
3	1.9527E-11 (238)	7.4274E-05 (236)	7.8388E-05 (236)	7.1525E-05 (331)	8.9180E-05 (234)
4	3.7666E-11 (238)	9.4129E-05 (238)	1.1346E-04 (215)	8.7433E-05 (215)	7.1340E-05 (215)
5	3.5584E-11 (234)	1.0152E-04 (238)	1.2259E-04 (215)	9.5562E-05 (215)	8.6261E-05 (206)
6	1.5464E-11 (234)	5.9823E-05 (238)	6.1389E-05 (215)	7.8951E-05 (234)	8.9670E-05 (200)
7	3.7061E-12 (234)	4.4448E-05 (238)	6.0481E-05 (103)	8.4413E-05 (179)	9.4760E-05 (179)
8	1.1582E-11 (159)	6.3529E-05 (230)	7.1932E-05 (238)	8.1118E-05 (179)	9.6193E-05 (128)
9	2.8195E-11 (159)	2.5741E-05 (230)	5.9005E-05 (128)	1.3049E-04 (220)	1.6452E-04 (128)
10	2.2604E-11 (159)	1.1470E-05 (257)	3.4215E-05 (152)	8.3386E-05 (220)	1.0418E-04 (204)
11	9.3588E-12 (159)	1.7478E-05 (238)	3.5488E-05 (197)	6.4169E-05 (198)	7.1971E-05 (198)
12	2.3116E-12 (238)	6.1707E-06 (159)	5.1301E-05 (198)	7.6982E-05 (257)	6.3371E-05 (257)
13	1.7628E-12 (262)	2.9590E-05 (159)	3.6819E-05 (198)	5.0886E-05 (257)	5.7232E-05 (141)
14	9.3527E-12 (262)	1.4698E-05 (262)	1.9903E-05 (257)	4.3279E-05 (104)	4.2016E-05 (222)
15	2.7342E-11 (262)	5.1753E-05 (262)	4.2577E-05 (262)	5.2739E-05 (159)	5.5241E-05 (121)
16	2.0004E-11 (159)	5.5192E-05 (159)	3.9979E-05 (159)	5.7228E-05 (121)	5.2400E-05 (169)
17	7.2628E-12 (159)	1.6810E-05 (159)	1.5273E-05 (164)	3.1642E-05 (317)	4.4843E-05 (99)
18	1.4530E-12 (159)	4.0424E-06 (263)	1.9451E-05 (173)	3.6361E-05 (164)	5.2007E-05 (124)
19	1.6017E-13 (159)	7.3040E-06 (262)	2.0405E-05 (98)	3.3756E-05 (257)	4.2650E-05 (99)
20	2.0469E-14 (263)	9.0107E-07 (98)	1.6118E-05 (98)	3.0679E-05 (98)	3.9687E-05 (46)
21	2.7575E-14 (263)	4.2888E-07 (164)	1.8432E-05 (137)	5.7182E-05 (137)	7.8337E-05 (137)
22	5.0947E-15 (240)	1.7140E-06 (164)	2.6142E-05 (164)	4.6186E-05 (164)	6.6921E-05 (47)
23	8.3726E-15 (263)	2.2514E-06 (164)	2.8926E-05 (156)	7.3455E-05 (164)	8.5208E-05 (68)
24	8.2771E-14 (231)	1.6415E-06 (240)	2.4536E-05 (90)	6.3802E-05 (90)	9.7493E-05 (90)
25	9.5140E-13 (231)	4.3792E-06 (152)	1.4242E-05 (231)	3.7409E-05 (90)	5.9805E-05 (90)
26	6.0353E-12 (231)	1.9018E-05 (152)	3.6844E-05 (152)	3.7815E-05 (101)	5.2491E-05 (101)
27	2.1098E-11 (231)	5.0249E-05 (231)	8.6038E-05 (152)	8.4066E-05 (240)	8.1245E-05 (231)
28	3.8868E-11 (240)	1.0807E-04 (231)	1.0892E-04 (240)	8.4066E-05 (240)	9.3254E-05 (101)
29	2.1417E-11 (240)	5.4172E-05 (240)	5.0380E-05 (240)	6.4379E-05 (138)	7.8189E-05 (138)
30	6.5028E-12 (240)	1.3377E-05 (240)	3.4826E-05 (138)	5.9414E-05 (182)	8.1698E-05 (182)
31	1.0879E-12 (240)	1.9777E-06 (218)	2.4033E-05 (236)	4.2971E-05 (236)	5.1901E-05 (218)
32	1.0029E-13 (240)	2.1477E-06 (231)	2.2562E-05 (230)	6.3432E-05 (218)	7.2449E-05 (2)
33	4.9305E-15 (218)	4.6633E-07 (260)	1.7087E-05 (230)	5.3346E-05 (218)	6.3968E-05 (218)
34	5.4716E-15 (260)	1.4554E-06 (218)	2.5669E-05 (260)	5.7027E-05 (218)	6.5860E-05 (218)
35	6.1154E-15 (260)	2.5770E-06 (211)	4.5346E-05 (211)	8.9911E-05 (211)	1.0532E-04 (211)
36	7.6473E-14 (238)	6.0220E-06 (236)	3.7168E-05 (229)	8.6145E-05 (229)	1.1084E-04 (229)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 9.8043E-04 DIRECTION= 5 DISTANCE= 1.5 KM DAY=215 TIME PERIOD= 4

YEAR= 71

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	7.0438E-12 (238, 4)	2.2322E-04 (236, 5)	2.1907E-04 (236, 5)	4.0365E-04 (229, 4)	4.6200E-04 (229, 4)
2	4.4688E-11 (238, 4)	3.0706E-04 (260, 5)	5.4723E-04 (236, 5)	5.0101E-04 (260, 5)	4.4066E-04 (184, 4)
3	1.5622E-10 (238, 4)	5.9417E-04 (236, 5)	6.2434E-04 (236, 5)	5.4307E-04 (236, 5)	6.3501E-04 (219, 5)
4	3.0092E-10 (238, 4)	7.5280E-04 (238, 4)	9.0768E-04 (215, 4)	6.9943E-04 (215, 4)	5.7062E-04 (215, 4)
5	2.8467E-10 (234, 4)	8.0732E-04 (238, 4)	9.8043E-04 (215, 4)	7.5981E-04 (215, 4)	6.8942E-04 (200, 4)
6	1.2371E-10 (234, 4)	4.3024E-04 (238, 4)	4.8988E-04 (215, 4)	5.9065E-04 (200, 4)	6.7218E-04 (206, 5)
7	6.0201E-11 (238, 4)	2.4153E-04 (238, 5)	3.6089E-04 (103, 4)	4.8879E-04 (230, 5)	4.8770E-04 (160, 4)
8	9.2659E-11 (159, 5)	5.0584E-04 (230, 5)	5.3227E-04 (238, 5)	5.5162E-04 (100, 4)	6.1549E-04 (262, 5)
9	2.2556E-10 (159, 5)	2.0449E-04 (230, 5)	3.0053E-04 (230, 5)	6.4159E-04 (220, 5)	8.3913E-04 (220, 5)
10	1.8084E-10 (159, 5)	9.0990E-05 (257, 4)	2.7371E-04 (152, 5)	4.5260E-04 (238, 5)	5.3795E-04 (178, 4)
11	5.0870E-11 (159, 5)	1.3826E-04 (238, 5)	2.1198E-04 (195, 4)	3.7780E-04 (195, 4)	4.2260E-04 (198, 4)
12	1.8493E-11 (238, 5)	4.7766E-05 (159, 5)	2.4909E-04 (198, 4)	5.7476E-04 (198, 4)	5.0696E-04 (257, 4)
13	1.4103E-11 (262, 4)	2.3531E-04 (159, 5)	1.5981E-04 (159, 5)	2.7764E-04 (198, 5)	3.2714E-04 (257, 4)
14	7.4821E-11 (262, 4)	1.1759E-04 (262, 4)	1.5923E-04 (257, 4)	2.2248E-04 (104, 4)	2.6558E-04 (159, 5)
15	2.1874E-10 (262, 4)	4.1402E-04 (262, 4)	3.4062E-04 (262, 4)	3.9788E-04 (222, 4)	3.4542E-04 (159, 5)
16	1.6003E-10 (159, 5)	4.4153E-04 (159, 5)	3.1982E-04 (159, 5)	3.1119E-04 (121, 4)	4.0316E-04 (262, 4)
17	5.8102E-11 (159, 5)	1.3448E-04 (159, 5)	1.2219E-04 (164, 4)	2.5028E-04 (164, 4)	3.3836E-04 (262, 4)
18	1.1624E-11 (159, 5)	3.2339E-05 (263, 5)	1.5561E-04 (173, 4)	2.9054E-04 (164, 4)	3.7219E-04 (173, 4)
19	1.2814E-12 (159, 5)	5.8432E-05 (262, 4)	1.6324E-04 (98, 4)	2.7001E-04 (257, 4)	3.4118E-04 (99, 4)
20	1.6376E-13 (263, 5)	7.2086E-06 (98, 4)	1.2894E-04 (98, 4)	2.4543E-04 (98, 4)	3.1750E-04 (46, 5)
21	2.2060E-13 (263, 5)	3.2579E-06 (164, 4)	9.9931E-05 (157, 4)	2.6760E-04 (137, 4)	3.4300E-04 (137, 4)
22	4.0758E-14 (240, 4)	1.1732E-05 (164, 4)	1.6802E-04 (164, 4)	2.9237E-04 (164, 4)	3.8962E-04 (142, 5)
23	6.6980E-14 (263, 5)	1.1732E-05 (164, 4)	1.6802E-04 (164, 4)	2.9527E-04 (164, 5)	4.8996E-04 (270, 4)
24	6.6099E-13 (231, 4)	1.3132E-05 (240, 4)	1.5916E-04 (231, 5)	3.7296E-04 (90, 4)	4.7895E-04 (90, 4)
25	7.6104E-12 (231, 4)	3.5033E-05 (152, 4)	1.0188E-04 (90, 4)	2.0336E-04 (90, 4)	2.7332E-04 (137, 4)
26	4.8282E-11 (231, 4)	1.5215E-04 (152, 4)	2.9475E-04 (152, 4)	2.7500E-04 (156, 5)	3.5252E-04 (156, 3)
27	1.6878E-10 (231, 4)	4.0195E-04 (231, 4)	6.8830E-04 (152, 4)	5.8594E-04 (231, 4)	5.5013E-04 (240, 4)
28	3.1094E-10 (240, 4)	8.6459E-04 (231, 4)	8.7133E-04 (240, 4)	6.7253E-04 (240, 4)	5.5013E-04 (240, 4)
29	1.7134E-10 (240, 4)	4.3338E-04 (240, 4)	4.0304E-04 (240, 4)	4.9723E-04 (138, 5)	5.7720E-04 (138, 5)
30	5.2022E-11 (240, 4)	1.0702E-04 (240, 4)	2.6677E-04 (138, 5)	4.7441E-04 (182, 4)	5.8228E-04 (138, 5)
31	8.7035E-12 (240, 4)	1.5820E-05 (218, 4)	1.9222E-04 (236, 5)	3.4353E-04 (236, 5)	3.6627E-04 (236, 5)
32	8.0235E-13 (240, 4)	1.7182E-05 (231, 4)	1.7966E-04 (230, 4)	4.8783E-04 (218, 4)	5.0953E-04 (218, 4)
33	3.9221E-14 (218, 4)	3.5771E-06 (145, 4)	1.3609E-04 (230, 4)	3.6057E-04 (218, 4)	4.2167E-04 (91, 5)
34	4.3773E-14 (260, 4)	1.0701E-05 (260, 5)	1.7893E-04 (218, 5)	3.5657E-04 (260, 4)	4.0163E-04 (218, 5)
35	4.8923E-14 (260, 4)	2.0608E-05 (211, 4)	3.1406E-04 (260, 4)	6.7864E-04 (211, 4)	7.4452E-04 (211, 4)
36	6.1179E-13 (238, 4)	4.7926E-05 (236, 5)	2.7351E-04 (229, 4)	5.1332E-04 (260, 4)	6.6460E-04 (260, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.6780E-04 DIRECTION= 9 DISTANCE= 2.5 KM DAY=124

YEAR= 72

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
DIR					
1	2.5317E-14 (171)	1.7457E-06 (211)	2.5092E-05 (211)	4.4446E-05 (211)	5.8427E-05 (196)
2	8.9268E-14 (229)	6.2141E-06 (241)	2.3599E-05 (110)	5.1880E-05 (110)	7.5092E-05 (215)
3	1.0278E-12 (229)	2.8943E-05 (241)	3.7981E-05 (110)	7.5539E-05 (110)	8.9144E-05 (110)
4	6.5205E-12 (229)	6.6988E-05 (241)	6.2694E-05 (241)	6.4903E-05 (150)	8.5352E-05 (195)
5	2.2794E-11 (229)	7.6597E-05 (215)	6.8793E-05 (215)	9.4322E-05 (211)	1.1785E-04 (150)
6	4.3908E-11 (229)	8.2607E-05 (229)	6.7930E-05 (229)	9.0213E-05 (194)	1.1182E-04 (211)
7	4.6604E-11 (229)	9.2690E-05 (238)	7.7822E-05 (229)	9.6231E-05 (194)	1.1659E-04 (194)
8	3.4383E-11 (238)	5.9145E-05 (222)	7.2213E-05 (207)	1.0116E-04 (195)	1.1131E-04 (195)
9	3.9925E-11 (207)	8.7906E-05 (207)	1.0041E-04 (222)	1.1940E-04 (124)	1.6780E-04 (124)
10	2.8518E-11 (150)	8.2392E-05 (222)	7.1408E-05 (248)	1.2073E-04 (242)	1.5197E-04 (242)
11	2.6665E-11 (222)	4.1596E-05 (150)	6.4236E-05 (184)	5.6587E-05 (184)	7.1262E-05 (131)
12	8.8575E-12 (222)	1.0267E-05 (150)	2.1324E-05 (222)	2.4546E-05 (222)	4.1513E-05 (143)
13	1.3584E-12 (222)	1.2599E-06 (150)	1.2029E-05 (23)	4.3610E-05 (146)	8.0525E-05 (146)
14	3.8088E-13 (247)	2.6432E-07 (247)	1.2516E-05 (289)	3.3308E-05 (282)	4.2084E-05 (289)
15	3.2553E-12 (247)	3.2770E-06 (247)	8.0662E-06 (362)	2.4570E-05 (240)	3.6218E-05 (240)
16	1.1104E-12 (184)	1.5640E-06 (184)	1.0926E-05 (247)	2.1165E-05 (240)	3.0958E-05 (240)
17	6.4988E-12 (189)	7.3817E-06 (189)	3.6613E-05 (263)	2.9928E-05 (59)	4.4478E-05 (59)
18	2.4114E-11 (189)	3.4527E-05 (189)	3.2797E-05 (263)	4.0740E-05 (247)	5.2035E-05 (59)
19	4.4817E-11 (247)	7.1087E-05 (247)	4.4060E-05 (247)	4.9870E-05 (189)	5.3606E-05 (189)
20	3.9200E-11 (163)	6.6253E-05 (163)	4.8909E-05 (163)	6.8687E-05 (252)	7.3051E-05 (189)
21	3.4515E-11 (189)	9.3985E-05 (163)	7.1913E-05 (163)	5.5439E-05 (163)	8.1468E-05 (252)
22	1.1848E-11 (189)	6.6253E-05 (163)	4.8911E-05 (163)	4.1868E-05 (158)	5.3440E-05 (265)
23	6.5205E-12 (248)	5.3337E-05 (186)	6.3187E-05 (189)	6.0455E-05 (189)	7.1013E-05 (156)
24	3.6138E-12 (163)	8.1143E-05 (186)	8.1426E-05 (247)	8.1415E-05 (158)	7.7753E-05 (156)
25	4.4880E-13 (163)	8.2523E-05 (248)	8.0023E-05 (186)	6.4589E-05 (156)	8.5743E-05 (247)
26	7.8324E-14 (247)	8.8501E-05 (248)	7.8379E-05 (156)	6.7174E-05 (156)	8.4115E-05 (265)
27	3.8660E-14 (247)	4.7169E-05 (248)	4.2254E-05 (156)	4.4652E-05 (267)	6.8960E-05 (310)
28	1.0776E-14 (247)	1.2626E-05 (248)	2.4685E-05 (186)	5.5614E-05 (186)	6.5779E-05 (186)
29	2.2179E-15 (154)	3.5772E-06 (248)	2.2863E-05 (186)	6.2788E-05 (27)	8.2447E-05 (27)
30	3.2948E-15 (212)	1.3808E-05 (248)	2.0629E-05 (241)	5.0564E-05 (241)	6.3237E-05 (163)
31	7.1764E-15 (212)	1.5303E-05 (163)	3.4397E-05 (163)	4.8662E-05 (248)	5.6747E-05 (196)
32	5.1406E-15 (212)	2.8568E-06 (163)	2.3589E-05 (196)	4.8226E-05 (196)	6.4045E-05 (307)
33	1.2110E-15 (212)	9.5525E-07 (196)	2.2755E-05 (196)	5.3059E-05 (229)	6.4000E-05 (314)
34	1.3078E-14 (248)	5.1735E-07 (186)	1.1491E-05 (186)	2.7688E-05 (54)	4.7977E-05 (314)
35	3.5246E-15 (248)	1.6459E-06 (215)	8.5595E-06 (87)	2.8151E-05 (87)	3.9691E-05 (238)
36	1.9641E-14 (171)	1.5545E-06 (136)	1.2263E-05 (315)	3.7308E-05 (64)	5.7366E-05 (64)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 8.3951E-04 DIRECTION= 9 DISTANCE= 2.5 KM DAY=124 TIME PERIOD= 4

YEAR= 72

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	2.0253E-13 (171, 5)	1.3966E-05 (211, 4)	2.0053E-04 (211, 4)	3.0447E-04 (111, 5)	3.9046E-04 (113, 4)
2	7.1414E-13 (229, 4)	4.9713E-05 (241, 5)	1.5489E-04 (110, 5)	3.1123E-04 (55, 5)	5.1175E-04 (55, 5)
3	8.2223E-12 (229, 4)	2.3154E-04 (241, 5)	2.9741E-04 (110, 5)	5.6225E-04 (110, 5)	6.1606E-04 (110, 5)
4	5.2164E-11 (229, 4)	5.3589E-04 (241, 5)	5.0091E-04 (241, 5)	4.4531E-04 (215, 4)	4.8503E-04 (110, 5)
5	1.8236E-10 (229, 4)	6.1278E-04 (215, 4)	5.5023E-04 (215, 4)	5.3429E-04 (261, 5)	6.4663E-04 (102, 5)
6	3.5126E-10 (229, 4)	6.6068E-04 (229, 4)	5.3794E-04 (229, 4)	5.9238E-04 (194, 4)	6.8788E-04 (261, 5)
7	3.7284E-10 (229, 4)	7.4152E-04 (238, 5)	5.8105E-04 (229, 4)	5.4394E-04 (216, 5)	5.6637E-04 (216, 5)
8	2.7507E-10 (238, 5)	4.7316E-04 (222, 4)	5.7489E-04 (207, 4)	5.5179E-04 (207, 4)	5.8628E-04 (248, 4)
9	3.1940E-10 (207, 4)	7.0324E-04 (207, 4)	8.0286E-04 (222, 4)	7.8066E-04 (248, 4)	8.3951E-04 (124, 4)
10	2.2815E-10 (150, 5)	6.5912E-04 (222, 4)	5.5922E-04 (189, 4)	6.6271E-04 (183, 5)	7.6310E-04 (183, 5)
11	2.1332E-10 (222, 4)	3.3277E-04 (150, 5)	5.1361E-04 (184, 4)	4.5006E-04 (184, 4)	4.5335E-04 (184, 4)
12	7.0860E-11 (222, 4)	8.2139E-05 (150, 5)	1.6786E-04 (222, 4)	1.7931E-04 (222, 4)	2.3635E-04 (97, 5)
13	1.0867E-11 (222, 4)	1.0079E-05 (150, 5)	9.6231E-05 (23, 5)	2.6841E-04 (23, 5)	3.5236E-04 (146, 4)
14	3.0471E-12 (247, 5)	2.1146E-06 (247, 5)	9.9931E-05 (289, 4)	2.6646E-04 (282, 4)	3.3527E-04 (289, 4)
15	2.6042E-11 (247, 5)	2.6216E-05 (247, 5)	6.4414E-05 (362, 5)	1.9656E-04 (240, 5)	2.8975E-04 (240, 5)
16	8.8832E-12 (184, 4)	1.2512E-05 (184, 4)	8.7313E-05 (247, 5)	1.6932E-04 (240, 5)	2.4766E-04 (240, 5)
17	5.1990E-11 (189, 5)	5.9053E-05 (189, 5)	1.8572E-04 (263, 4)	2.3942E-04 (59, 4)	3.5582E-04 (59, 4)
18	1.9291E-10 (189, 5)	2.7615E-04 (189, 5)	2.1578E-04 (263, 5)	2.7920E-04 (157, 5)	3.8438E-04 (363, 5)
19	3.5854E-10 (247, 5)	5.6869E-04 (247, 5)	3.4977E-04 (247, 5)	2.5408E-04 (260, 4)	3.0054E-04 (252, 5)
20	3.1360E-10 (163, 4)	5.3002E-04 (163, 4)	3.9127E-04 (163, 4)	2.9310E-04 (163, 4)	3.3898E-04 (252, 4)
21	2.7612E-10 (189, 5)	7.5188E-04 (163, 4)	5.7531E-04 (163, 4)	3.8932E-04 (189, 5)	3.6559E-04 (163, 4)
22	9.4787E-11 (189, 5)	5.3002E-04 (163, 4)	3.9129E-04 (163, 4)	2.9489E-04 (163, 4)	3.7929E-04 (19, 5)
23	5.2164E-11 (248, 5)	4.2670E-04 (186, 4)	4.6710E-04 (189, 5)	4.1455E-04 (186, 4)	3.5326E-04 (217, 4)
24	2.0910E-11 (163, 4)	4.7674E-04 (247, 4)	4.1693E-04 (247, 4)	5.4853E-04 (158, 5)	5.6053E-04 (186, 4)
25	3.5904E-12 (163, 4)	6.3337E-04 (247, 4)	6.3439E-04 (247, 4)	4.9188E-04 (186, 4)	4.4566E-04 (247, 4)
26	4.0852E-13 (247, 5)	6.0905E-04 (156, 4)	5.2633E-04 (247, 4)	4.8684E-04 (156, 4)	5.2932E-04 (257, 4)
27	2.2510E-13 (247, 5)	3.4799E-04 (156, 4)	2.6194E-04 (248, 5)	3.5438E-04 (267, 4)	4.2005E-04 (207, 3)
28	6.8346E-14 (247, 5)	9.9922E-05 (248, 5)	1.9387E-04 (154, 4)	3.4638E-04 (154, 4)	4.2452E-04 (163, 4)
29	1.7743E-14 (154, 4)	1.5468E-05 (248, 4)	1.6077E-04 (186, 5)	3.2640E-04 (186, 5)	3.9706E-04 (197, 3)
30	5.1171E-14 (248, 4)	1.0960E-04 (248, 4)	1.6592E-04 (241, 4)	4.0350E-04 (241, 4)	5.0582E-04 (163, 4)
31	6.5835E-14 (248, 5)	1.2242E-04 (163, 4)	2.7517E-04 (163, 4)	3.4963E-04 (212, 5)	3.7185E-04 (223, 4)
32	4.1125E-14 (212, 5)	2.2855E-05 (163, 4)	1.3335E-04 (212, 5)	2.7130E-04 (229, 4)	3.9507E-04 (229, 4)
33	9.6883E-15 (212, 5)	6.9129E-06 (186, 4)	1.6090E-04 (186, 4)	4.2443E-04 (229, 4)	5.0238E-04 (248, 4)
34	1.0462E-13 (248, 4)	4.1388E-06 (186, 4)	9.1927E-05 (186, 4)	2.1958E-04 (223, 4)	3.2005E-04 (240, 5)
35	2.8196E-14 (248, 4)	1.3167E-05 (215, 4)	6.8476E-05 (87, 4)	2.2521E-04 (87, 4)	3.1753E-04 (238, 4)
36	1.5712E-13 (171, 5)	1.2436E-05 (136, 4)	9.7457E-05 (315, 4)	2.9847E-04 (64, 4)	4.5893E-04 (64, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.5233E-04 DIRECTION= 17 DISTANCE= 1.0 KM DAY=119

YEAR= 73

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	9.6384E-12 (236)	5.5772E-05 (163)	4.8126E-05 (199)	5.0415E-05 (163)	5.0400E-05 (146)
2	2.5011E-11 (236)	6.0376E-05 (236)	5.6017E-05 (151)	5.1318E-05 (215)	6.7174E-05 (147)
3	3.5763E-11 (236)	6.1809E-05 (199)	6.2755E-05 (151)	8.3037E-05 (215)	9.6051E-05 (215)
4	2.3146E-11 (192)	7.6171E-05 (173)	9.5267E-05 (173)	8.1579E-05 (173)	8.2166E-05 (313)
5	3.3491E-11 (252)	1.1357E-04 (252)	1.1791E-04 (252)	1.1433E-04 (192)	1.2549E-04 (192)
6	4.1750E-11 (222)	1.2796E-04 (182)	1.3586E-04 (252)	1.2809E-04 (252)	1.2575E-04 (252)
7	2.9200E-11 (222)	7.4565E-05 (252)	8.2059E-05 (182)	1.2484E-04 (218)	1.4665E-04 (187)
8	1.1258E-11 (222)	2.2903E-05 (222)	6.0732E-05 (181)	1.2311E-04 (185)	1.5088E-04 (181)
9	3.0960E-12 (259)	4.9270E-06 (222)	5.6709E-05 (132)	1.1732E-04 (132)	1.4282E-04 (132)
10	4.0732E-12 (218)	2.5158E-05 (259)	4.7024E-05 (218)	8.0616E-05 (132)	1.0289E-04 (132)
11	5.7433E-13 (218)	1.1225E-05 (218)	3.5310E-05 (169)	7.2380E-05 (169)	8.6170E-05 (169)
12	4.5067E-14 (218)	1.5918E-06 (143)	2.2023E-05 (143)	4.2448E-05 (100)	6.7168E-05 (259)
13	1.4068E-13 (119)	1.6028E-06 (119)	1.1610E-05 (197)	3.5872E-05 (103)	4.3218E-05 (259)
14	1.3665E-12 (131)	1.3481E-05 (119)	2.2379E-05 (259)	4.1500E-05 (197)	4.8627E-05 (38)
15	5.0214E-12 (119)	2.0243E-05 (131)	1.3614E-05 (138)	3.8997E-05 (119)	4.6153E-05 (103)
16	1.2273E-11 (119)	8.1976E-05 (131)	6.2780E-05 (131)	4.7090E-05 (95)	6.5839E-05 (356)
17	3.1825E-11 (238)	1.5233E-04 (119)	1.3572E-04 (131)	1.0474E-04 (131)	8.5676E-05 (131)
18	4.8301E-11 (238)	9.2289E-05 (238)	7.5126E-05 (119)	5.4259E-05 (119)	7.8357E-05 (221)
19	2.6902E-11 (131)	7.4824E-05 (238)	4.8589E-05 (238)	4.5765E-05 (131)	4.9564E-05 (221)
20	1.2157E-11 (221)	3.0145E-05 (238)	2.5215E-05 (183)	6.7284E-05 (183)	8.7408E-05 (183)
21	2.0047E-11 (191)	6.1135E-05 (221)	5.4502E-05 (221)	8.7591E-05 (183)	1.2112E-04 (183)
22	4.5108E-11 (221)	9.3155E-05 (221)	8.4426E-05 (221)	8.6540E-05 (221)	9.0701E-05 (221)
23	3.5540E-11 (221)	7.1014E-05 (221)	7.8868E-05 (221)	1.0237E-04 (221)	1.1175E-04 (221)
24	1.5430E-11 (221)	2.7144E-05 (221)	4.0496E-05 (221)	6.7866E-05 (120)	8.3333E-05 (120)
25	3.6911E-12 (221)	4.8454E-05 (260)	6.0257E-05 (260)	6.6980E-05 (191)	9.1302E-05 (260)
26	4.8656E-13 (221)	1.3970E-05 (191)	3.2849E-05 (154)	7.7419E-05 (154)	9.8354E-05 (154)
27	4.0524E-14 (260)	2.1317E-06 (158)	3.6938E-05 (158)	7.4125E-05 (154)	8.3983E-05 (158)
28	1.0981E-13 (191)	2.3205E-06 (158)	3.7231E-05 (239)	8.2860E-05 (239)	9.9146E-05 (239)
29	4.7415E-15 (260)	1.6369E-06 (233)	2.4587E-05 (238)	6.7319E-05 (238)	9.3928E-05 (238)
30	6.3855E-15 (204)	1.6236E-06 (204)	1.7407E-05 (171)	4.8074E-05 (202)	7.2597E-05 (171)
31	8.2889E-15 (217)	9.0304E-06 (261)	3.0780E-05 (171)	4.1534E-05 (217)	5.1639E-05 (185)
32	1.7758E-14 (261)	3.6570E-05 (261)	5.3790E-05 (217)	9.5343E-05 (224)	1.0551E-04 (217)
33	4.4566E-14 (199)	7.3591E-05 (261)	5.8632E-05 (233)	1.0438E-04 (202)	1.2387E-04 (224)
34	6.1356E-13 (199)	3.8081E-05 (233)	4.0290E-05 (217)	7.5500E-05 (261)	8.6430E-05 (202)
35	4.6546E-12 (199)	3.6570E-05 (261)	4.4827E-05 (261)	6.0942E-05 (228)	7.7437E-05 (177)
36	2.0467E-12 (236)	2.6706E-05 (199)	4.4726E-05 (160)	8.2015E-05 (160)	8.7025E-05 (163)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 8.5273E-04 DIRECTION= 5 DISTANCE= 1.5 KM DAY=252 TIME PERIOD= 4

YEAR= 73

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	7.7107E-11 (236, 4)	4.4611E-04 (163, 4)	3.8501E-04 (199, 4)	3.7744E-04 (163, 4)	3.6667E-04 (226, 4)
2	2.0009E-10 (236, 4)	4.8301E-04 (236, 4)	3.9354E-04 (236, 4)	4.0837E-04 (157, 5)	4.7204E-04 (157, 5)
3	2.8610E-10 (236, 4)	4.9447E-04 (199, 4)	4.7606E-04 (173, 5)	4.8684E-04 (236, 4)	5.3117E-04 (269, 5)
4	1.8517E-10 (192, 4)	5.5552E-04 (236, 4)	5.9845E-04 (182, 4)	5.6161E-04 (182, 4)	5.3795E-04 (182, 4)
5	2.6793E-10 (252, 4)	7.0410E-04 (192, 4)	8.5273E-04 (252, 4)	7.8529E-04 (192, 4)	7.0663E-04 (192, 4)
6	3.3400E-10 (222, 4)	7.9042E-04 (222, 4)	8.1548E-04 (222, 4)	6.3604E-04 (182, 5)	5.7716E-04 (228, 5)
7	2.3358E-10 (222, 4)	5.9601E-04 (252, 4)	5.3692E-04 (252, 4)	6.9582E-04 (181, 4)	7.3363E-04 (216, 5)
8	9.0015E-11 (222, 4)	1.6971E-04 (222, 4)	3.0831E-04 (185, 4)	6.9346E-04 (185, 4)	8.3224E-04 (181, 4)
9	2.4768E-11 (259, 4)	3.4793E-05 (259, 4)	2.6137E-04 (132, 5)	5.7968E-04 (132, 5)	6.4262E-04 (152, 4)
10	3.2585E-11 (218, 4)	1.9975E-04 (259, 4)	2.1755E-04 (208, 4)	4.1015E-04 (140, 4)	5.1785E-04 (140, 4)
11	4.5947E-12 (218, 4)	8.9793E-05 (218, 4)	2.7952E-04 (208, 4)	4.3979E-04 (259, 4)	3.7173E-04 (215, 5)
12	3.6054E-13 (218, 4)	1.2727E-05 (143, 5)	1.7374E-04 (143, 5)	2.9762E-04 (143, 5)	3.4982E-04 (100, 4)
13	1.1235E-12 (119, 5)	1.0194E-05 (119, 4)	9.2861E-05 (197, 5)	2.3032E-04 (103, 5)	2.9594E-04 (103, 5)
14	1.0932E-11 (131, 4)	7.7465E-05 (119, 4)	1.7904E-04 (259, 4)	3.3200E-04 (197, 5)	3.8901E-04 (38, 4)
15	4.9137E-11 (119, 5)	1.7454E-04 (119, 5)	1.0891E-04 (138, 4)	2.4087E-04 (119, 4)	3.6899E-04 (103, 5)
16	9.8128E-11 (119, 5)	5.4889E-04 (119, 4)	5.0224E-04 (131, 4)	3.6612E-04 (131, 4)	4.1602E-04 (119, 4)
17	2.5460E-10 (238, 5)	7.0682E-04 (119, 5)	5.9641E-04 (119, 4)	4.6714E-04 (119, 4)	3.8112E-04 (119, 4)
18	3.8641E-10 (238, 5)	7.3831E-04 (238, 5)	4.8986E-04 (238, 5)	3.4257E-04 (238, 5)	3.9248E-04 (103, 4)
19	2.1522E-10 (131, 4)	5.9859E-04 (238, 5)	3.8871E-04 (238, 5)	3.6612E-04 (131, 4)	3.7066E-04 (305, 4)
20	9.7255E-11 (221, 5)	2.4116E-04 (238, 5)	1.4267E-04 (238, 5)	3.1442E-04 (183, 4)	3.7353E-04 (233, 4)
21	8.5558E-11 (191, 4)	4.8877E-04 (221, 5)	3.8152E-04 (221, 5)	4.9920E-04 (183, 4)	6.2088E-04 (233, 5)
22	2.3565E-10 (191, 4)	4.5204E-04 (191, 4)	4.2119E-04 (191, 4)	5.2934E-04 (221, 5)	6.3489E-04 (78, 4)
23	3.5236E-10 (191, 5)	7.2261E-04 (191, 5)	5.7702E-04 (221, 5)	6.1035E-04 (221, 5)	5.7989E-04 (221, 5)
24	2.9909E-10 (191, 4)	5.9909E-04 (191, 4)	4.7096E-04 (191, 5)	4.8113E-04 (191, 4)	4.2203E-04 (191, 4)
25	1.3783E-10 (191, 4)	2.7146E-04 (191, 5)	3.1649E-04 (191, 4)	3.3421E-04 (82, 5)	4.1921E-04 (352, 4)
26	3.4996E-11 (191, 4)	5.8285E-05 (191, 5)	1.7886E-04 (154, 5)	3.7513E-04 (154, 5)	4.3865E-04 (220, 3)
27	4.8965E-12 (191, 4)	1.7054E-05 (158, 4)	2.9531E-04 (158, 4)	4.3989E-04 (260, 5)	4.2080E-04 (154, 5)
28	5.0100E-13 (191, 5)	1.8564E-05 (158, 4)	2.0848E-04 (260, 5)	4.9506E-04 (232, 4)	6.5938E-04 (232, 4)
29	3.7932E-14 (260, 5)	1.3095E-05 (233, 5)	1.3168E-04 (158, 4)	3.2061E-04 (158, 4)	4.0404E-04 (158, 4)
30	5.1084E-14 (204, 5)	1.2988E-05 (204, 5)	1.3909E-04 (171, 4)	2.9894E-04 (204, 5)	3.9778E-04 (238, 3)
31	5.1084E-14 (204, 5)	7.2243E-05 (261, 4)	2.4151E-04 (171, 4)	3.0180E-04 (185, 3)	4.1311E-04 (185, 3)
32	1.4207E-13 (261, 4)	2.9256E-04 (261, 4)	3.5862E-04 (261, 4)	4.3640E-04 (217, 4)	5.5035E-04 (157, 4)
33	3.5652E-13 (199, 4)	5.8873E-04 (261, 4)	4.6906E-04 (233, 5)	5.8635E-04 (224, 5)	6.4373E-04 (202, 5)
34	4.9085E-12 (199, 4)	3.0464E-04 (233, 5)	2.0095E-04 (217, 4)	5.1477E-04 (226, 4)	5.8111E-04 (217, 4)
35	3.7237E-11 (199, 4)	2.9256E-04 (261, 4)	3.5862E-04 (261, 4)	3.9864E-04 (163, 4)	3.7420E-04 (150, 4)
36	1.6373E-11 (236, 4)	2.1364E-04 (199, 4)	2.2178E-04 (160, 4)	3.8002E-04 (160, 4)	4.3728E-04 (226, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.4158E-04 DIRECTION= 9 DISTANCE= 2.5 KM DAY=231

YEAR= 74

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	2.1725E-11 (237)	9.1478E-05 (221)	7.3929E-05 (221)	7.2926E-05 (242)	8.0855E-05 (242)
2	5.5164E-12 (237)	6.2542E-05 (161)	6.1842E-05 (221)	5.7793E-05 (161)	6.3490E-05 (127)
3	1.1252E-11 (199)	1.9860E-05 (199)	3.8502E-05 (207)	7.4856E-05 (152)	7.7661E-05 (152)
4	6.0154E-12 (221)	5.1699E-05 (173)	4.4856E-05 (158)	5.3485E-05 (173)	7.6964E-05 (229)
5	8.9331E-13 (221)	7.8700E-05 (173)	9.1845E-05 (200)	8.8704E-05 (173)	9.1999E-05 (234)
6	4.7752E-12 (156)	6.9929E-05 (199)	8.9776E-05 (173)	1.0208E-04 (151)	1.2083E-04 (129)
7	1.4281E-11 (199)	3.4226E-05 (156)	5.1539E-05 (173)	8.8045E-05 (197)	1.0635E-04 (200)
8	3.4163E-12 (199)	4.9592E-05 (109)	4.7409E-05 (109)	8.0198E-05 (197)	1.1075E-04 (196)
9	4.5033E-13 (199)	7.5445E-05 (109)	7.1163E-05 (156)	1.0426E-04 (198)	1.4158E-04 (231)
10	7.2276E-14 (173)	5.7036E-05 (109)	9.5844E-05 (211)	8.3481E-05 (173)	9.4561E-05 (121)
11	5.2452E-14 (223)	6.1595E-05 (211)	9.8444E-05 (211)	7.8341E-05 (211)	8.1462E-05 (223)
12	4.0837E-14 (211)	4.6889E-05 (223)	6.1230E-05 (223)	6.5067E-05 (167)	5.7914E-05 (223)
13	5.5014E-14 (211)	1.2416E-05 (223)	1.9407E-05 (237)	3.9310E-05 (237)	5.3815E-05 (167)
14	9.6975E-15 (156)	2.7963E-06 (234)	6.3346E-06 (237)	2.1625E-05 (99)	3.6937E-05 (211)
15	1.3177E-14 (234)	1.7227E-05 (234)	1.8122E-05 (234)	2.1381E-05 (109)	2.9991E-05 (364)
16	6.5249E-15 (196)	3.4774E-06 (211)	1.3861E-05 (282)	4.4361E-05 (282)	5.2466E-05 (338)
17	4.8893E-14 (234)	3.5019E-06 (243)	1.1029E-05 (180)	3.5209E-05 (282)	5.5050E-05 (282)
18	3.8522E-14 (234)	2.0117E-05 (243)	1.7195E-05 (108)	4.7074E-05 (108)	6.6203E-05 (108)
19	3.2633E-13 (233)	2.2788E-05 (234)	2.4669E-05 (234)	3.6941E-05 (108)	4.4844E-05 (311)
20	2.7890E-12 (233)	4.6585E-05 (196)	2.8501E-05 (196)	4.0483E-05 (282)	5.7003E-05 (311)
21	1.3134E-11 (233)	5.7429E-05 (243)	5.2302E-05 (243)	4.5518E-05 (264)	6.3005E-05 (264)
22	3.4083E-11 (233)	6.5154E-05 (233)	5.2811E-05 (196)	5.7960E-05 (171)	7.1946E-05 (171)
23	2.2604E-11 (190)	8.3639E-05 (190)	8.0595E-05 (190)	7.3598E-05 (171)	7.2180E-05 (286)
24	3.6185E-11 (204)	8.3639E-05 (190)	8.0595E-05 (190)	8.2318E-05 (286)	8.1933E-05 (306)
25	1.6670E-11 (233)	9.0422E-05 (204)	8.1959E-05 (204)	7.5518E-05 (305)	1.0610E-04 (286)
26	2.3358E-11 (180)	5.7907E-05 (180)	7.5010E-05 (180)	8.7021E-05 (305)	1.2726E-04 (305)
27	4.1994E-11 (227)	9.0231E-05 (227)	9.7457E-05 (260)	1.1201E-04 (110)	1.3643E-04 (110)
28	4.1994E-11 (227)	8.8559E-05 (172)	9.2650E-05 (227)	8.4308E-05 (172)	9.3219E-05 (172)
29	2.3140E-11 (227)	7.3513E-05 (164)	9.4555E-05 (164)	1.0405E-04 (240)	1.2485E-04 (221)
30	8.7841E-12 (172)	7.9948E-05 (243)	9.9342E-05 (243)	8.0903E-05 (243)	8.2341E-05 (240)
31	1.4854E-11 (221)	7.5753E-05 (159)	8.3663E-05 (243)	8.2838E-05 (237)	8.5306E-05 (136)
32	3.6301E-11 (221)	9.3509E-05 (159)	7.7297E-05 (226)	8.3252E-05 (241)	9.4563E-05 (187)
33	4.0223E-11 (159)	8.6514E-05 (97)	1.0145E-04 (221)	1.0470E-04 (221)	1.0229E-04 (97)
34	3.7146E-11 (237)	6.4364E-05 (226)	7.1843E-05 (221)	1.0486E-04 (159)	9.4171E-05 (226)
35	2.5758E-11 (221)	3.8298E-05 (221)	6.3837E-05 (237)	6.8579E-05 (242)	8.8765E-05 (242)
36	3.5260E-11 (221)	7.5440E-05 (237)	5.0694E-05 (221)	7.7413E-05 (242)	6.6120E-05 (161)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 9.9878E-04 DIRECTION= 29 DISTANCE= 2.5 KM DAY=221 TIME PERIOD= 4

YEAR= 74

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	1.7380E-10 (237, 5)	7.2874E-04 (221, 5)	5.7644E-04 (221, 5)	4.4574E-04 (221, 5)	4.0700E-04 (228, 4)
2	4.4131E-11 (237, 5)	5.0034E-04 (161, 4)	4.9407E-04 (221, 5)	3.7772E-04 (221, 5)	4.7733E-04 (207, 5)
3	9.0015E-11 (199, 5)	1.5888E-04 (199, 5)	1.9588E-04 (221, 5)	3.2619E-04 (158, 5)	3.6445E-04 (86, 4)
4	4.8123E-11 (221, 5)	4.1360E-04 (173, 5)	3.1564E-04 (158, 5)	4.2780E-04 (173, 5)	5.7404E-04 (229, 4)
5	7.1465E-12 (221, 5)	6.2960E-04 (173, 5)	7.3291E-04 (200, 4)	6.5281E-04 (234, 5)	6.1817E-04 (204, 5)
6	3.8159E-11 (156, 4)	5.5943E-04 (199, 5)	7.1797E-04 (173, 5)	6.0631E-04 (151, 5)	6.8414E-04 (151, 5)
7	1.1425E-10 (199, 5)	2.7034E-04 (156, 4)	4.0453E-04 (173, 5)	4.8120E-04 (173, 5)	5.5023E-04 (129, 4)
8	2.7331E-11 (199, 5)	3.9673E-04 (109, 5)	3.7927E-04 (109, 5)	5.7391E-04 (197, 5)	6.6317E-04 (148, 4)
9	3.6027E-12 (199, 5)	6.0356E-04 (109, 5)	5.6926E-04 (156, 4)	5.7058E-04 (151, 4)	7.2189E-04 (151, 4)
10	5.7821E-13 (173, 5)	4.5629E-04 (109, 5)	7.4485E-04 (211, 5)	6.2528E-04 (211, 5)	5.5984E-04 (211, 5)
11	4.1962E-13 (223, 4)	3.3369E-04 (211, 5)	6.3707E-04 (211, 5)	5.2095E-04 (211, 5)	4.6497E-04 (167, 5)
12	3.2670E-13 (211, 4)	3.7502E-04 (223, 4)	4.7225E-04 (223, 4)	3.4797E-04 (223, 4)	3.7342E-04 (195, 5)
13	4.4011E-13 (211, 4)	9.9314E-05 (223, 4)	1.5526E-04 (237, 5)	3.1448E-04 (237, 5)	3.5376E-04 (237, 5)
14	7.7580E-14 (156, 4)	2.2370E-05 (234, 4)	5.0677E-05 (237, 5)	1.2148E-04 (99, 5)	2.1673E-04 (99, 5)
15	1.0542E-13 (234, 4)	1.3782E-04 (234, 4)	1.4498E-04 (234, 4)	1.7105E-04 (109, 6)	2.3993E-04 (364, 5)
16	5.2199E-14 (196, 4)	2.7819E-05 (211, 4)	9.8407E-05 (109, 6)	2.7001E-04 (282, 4)	3.4301E-04 (109, 6)
17	3.9114E-13 (234, 4)	2.8015E-05 (243, 5)	8.8229E-05 (180, 5)	2.3344E-04 (180, 5)	3.1694E-04 (41, 5)
18	3.0818E-13 (234, 4)	1.6094E-04 (243, 5)	1.3163E-04 (243, 5)	3.0673E-04 (311, 5)	3.6058E-04 (234, 4)
19	2.6106E-12 (233, 4)	1.8230E-04 (234, 4)	1.9735E-04 (234, 4)	2.6025E-04 (108, 5)	2.9892E-04 (108, 5)
20	2.2312E-11 (233, 4)	3.7268E-04 (196, 4)	2.2801E-04 (196, 4)	3.1398E-04 (114, 4)	4.0501E-04 (114, 4)
21	1.0508E-10 (233, 4)	4.5943E-04 (243, 5)	4.1841E-04 (243, 5)	3.1222E-04 (114, 4)	4.5076E-04 (264, 5)
22	2.7267E-10 (233, 4)	5.2123E-04 (233, 4)	4.2249E-04 (196, 4)	3.1948E-04 (265, 4)	3.3997E-04 (319, 4)
23	1.8083E-10 (190, 4)	6.6911E-04 (190, 4)	6.4476E-04 (190, 4)	4.9949E-04 (190, 4)	4.2004E-04 (339, 4)
24	2.8948E-10 (204, 4)	6.6911E-04 (190, 4)	6.4476E-04 (190, 4)	5.2007E-04 (286, 5)	6.2262E-04 (306, 4)
25	1.3336E-10 (233, 4)	7.2337E-04 (204, 4)	6.5566E-04 (204, 4)	5.6735E-04 (286, 5)	6.5116E-04 (238, 4)
26	1.8687E-10 (180, 4)	4.6326E-04 (180, 4)	6.0008E-04 (180, 4)	5.7045E-04 (110, 4)	6.1888E-04 (110, 4)
27	3.3595E-10 (227, 4)	7.2185E-04 (227, 4)	7.7965E-04 (260, 4)	7.6288E-04 (180, 4)	6.7373E-04 (180, 4)
28	3.3595E-10 (227, 4)	7.0799E-04 (172, 4)	7.4117E-04 (227, 4)	5.9002E-04 (164, 4)	5.0679E-04 (227, 4)
29	1.8512E-10 (227, 4)	5.8810E-04 (164, 4)	7.5643E-04 (164, 4)	8.3238E-04 (240, 4)	9.9878E-04 (221, 4)
30	7.0273E-11 (172, 4)	6.3959E-04 (243, 4)	7.9470E-04 (243, 4)	6.4414E-04 (243, 4)	6.5872E-04 (240, 4)
31	1.1886E-10 (221, 4)	6.0601E-04 (159, 5)	6.6929E-04 (243, 4)	6.5220E-04 (237, 4)	6.2126E-04 (243, 4)
32	2.9031E-10 (221, 4)	7.4758E-04 (159, 5)	6.1838E-04 (226, 4)	6.4389E-04 (226, 4)	6.3124E-04 (226, 4)
33	3.2178E-10 (159, 5)	6.9211E-04 (97, 5)	6.9742E-04 (221, 4)	6.8521E-04 (97, 5)	7.0830E-04 (97, 5)
34	2.9027E-10 (221, 4)	5.1491E-04 (226, 4)	4.7092E-04 (221, 4)	4.9547E-04 (199, 4)	6.7935E-04 (199, 4)
35	1.1873E-10 (221, 4)	2.6664E-04 (161, 4)	5.1067E-04 (237, 5)	3.8382E-04 (226, 4)	4.4955E-04 (236, 5)
36	2.5532E-10 (221, 5)	6.0352E-04 (237, 5)	4.0522E-04 (237, 5)	3.3168E-04 (242, 5)	3.8002E-04 (144, 3)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.4610E-04 DIRECTION= 9 DISTANCE= 2.5 KM DAY=179

YEAR= 75

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	4.6604E-11 (162)	8.9971E-05 (162)	8.6052E-05 (162)	7.7694E-05 (218)	8.9166E-05 (120)
2	3.8297E-11 (126)	7.9638E-05 (218)	7.4394E-05 (126)	6.0607E-05 (218)	8.9385E-05 (66)
3	3.2027E-11 (126)	7.7257E-05 (179)	5.9032E-05 (126)	6.6113E-05 (122)	8.1083E-05 (122)
4	4.1874E-11 (171)	9.0764E-05 (145)	6.4303E-05 (145)	8.5926E-05 (161)	1.0034E-04 (122)
5	3.1084E-11 (171)	6.5929E-05 (171)	6.1830E-05 (171)	8.9743E-05 (181)	9.0849E-05 (132)
6	4.0640E-11 (181)	8.3367E-05 (176)	7.9006E-05 (230)	8.8023E-05 (146)	1.0503E-04 (146)
7	2.1098E-11 (181)	7.8811E-05 (185)	1.0416E-04 (185)	1.1304E-04 (178)	1.3288E-04 (178)
8	1.5121E-11 (243)	4.7687E-05 (176)	9.2205E-05 (185)	1.1012E-04 (230)	1.1284E-04 (189)
9	8.7841E-12 (176)	6.0988E-05 (206)	7.8910E-05 (243)	1.0701E-04 (165)	1.4610E-04 (179)
10	9.5262E-12 (97)	1.1998E-04 (206)	1.4137E-04 (206)	1.1329E-04 (243)	1.1438E-04 (179)
11	1.9474E-11 (97)	1.1952E-04 (206)	1.2520E-04 (243)	9.5960E-05 (243)	8.0160E-05 (166)
12	2.1939E-11 (97)	6.7033E-05 (243)	6.1581E-05 (97)	4.5704E-05 (206)	4.7887E-05 (231)
13	1.0414E-11 (177)	2.1632E-05 (177)	2.1149E-05 (177)	4.7317E-05 (230)	7.7242E-05 (244)
14	4.6586E-12 (97)	1.4128E-05 (97)	1.8912E-05 (180)	4.3994E-05 (180)	5.9895E-05 (328)
15	8.7807E-13 (97)	4.0310E-05 (144)	3.7105E-05 (144)	4.3780E-05 (244)	6.2424E-05 (244)
16	9.1195E-14 (97)	7.5640E-05 (144)	7.4265E-05 (144)	5.7132E-05 (144)	5.9209E-05 (95)
17	4.4050E-14 (144)	2.8587E-05 (177)	2.6628E-05 (95)	5.2592E-05 (144)	4.4802E-05 (106)
18	7.0778E-14 (176)	1.4703E-05 (143)	2.0691E-05 (143)	3.2744E-05 (95)	4.1930E-05 (95)
19	4.1679E-13 (177)	7.5252E-06 (144)	1.3715E-05 (94)	4.4040E-05 (228)	4.6795E-05 (143)
20	4.3192E-14 (143)	9.5240E-06 (176)	2.7695E-05 (106)	6.3591E-05 (143)	6.5876E-05 (228)
21	3.6121E-14 (143)	4.1348E-05 (176)	4.5516E-05 (176)	5.3421E-05 (143)	6.8483E-05 (64)
22	1.0645E-14 (143)	2.5649E-05 (143)	2.9211E-05 (143)	4.3936E-05 (141)	7.8656E-05 (141)
23	1.0636E-14 (116)	1.6334E-05 (116)	2.0885E-05 (142)	4.3652E-05 (142)	6.0357E-05 (175)
24	5.5076E-14 (217)	5.0952E-05 (176)	4.9648E-05 (176)	5.1155E-05 (116)	6.1953E-05 (247)
25	7.1440E-13 (217)	1.3493E-05 (176)	3.4527E-05 (250)	7.1695E-05 (250)	8.4498E-05 (250)
26	1.2368E-12 (176)	6.0602E-06 (217)	3.7761E-05 (250)	9.5797E-05 (247)	1.0180E-04 (116)
27	3.6138E-12 (219)	3.0274E-05 (217)	4.6364E-05 (248)	1.0858E-04 (248)	1.4287E-04 (248)
28	1.6034E-11 (219)	2.3214E-05 (219)	5.3319E-05 (217)	8.0280E-05 (248)	9.9994E-05 (250)
29	3.9200E-11 (219)	6.6263E-05 (219)	5.1202E-05 (219)	6.8265E-05 (250)	8.6537E-05 (217)
30	3.4389E-11 (217)	7.8531E-05 (143)	7.6308E-05 (217)	7.6563E-05 (219)	8.9113E-05 (219)
31	3.1084E-11 (242)	6.6661E-05 (242)	6.2890E-05 (143)	6.0762E-05 (114)	6.6797E-05 (114)
32	1.6034E-11 (219)	2.9624E-05 (143)	3.2249E-05 (143)	6.0357E-05 (258)	8.0970E-05 (242)
33	3.6138E-12 (219)	6.5449E-06 (143)	3.8209E-05 (114)	8.1554E-05 (114)	8.5587E-05 (242)
34	6.5205E-12 (162)	8.9510E-06 (162)	2.8010E-05 (260)	6.3433E-05 (260)	8.4808E-05 (216)
35	1.2483E-11 (218)	1.8354E-05 (218)	2.4709E-05 (161)	5.0373E-05 (147)	6.9000E-05 (147)
36	3.4303E-11 (218)	6.0207E-05 (218)	5.8323E-05 (218)	5.8381E-05 (120)	6.0309E-05 (120)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 1.0793E-03 DIRECTION= 10 DISTANCE= 1.5 KM DAY=206 TIME PERIOD= 4

YEAR= 75

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	3.7284E-10 (162, 4)	7.1976E-04 (162, 4)	6.8842E-04 (162, 4)	6.2156E-04 (218, 4)	7.0864E-04 (99, 5)
2	3.0637E-10 (126, 4)	6.3711E-04 (218, 4)	5.9515E-04 (126, 4)	4.6189E-04 (126, 4)	4.8677E-04 (24, 4)
3	2.5621E-10 (126, 4)	6.1800E-04 (179, 5)	4.2714E-04 (179, 5)	3.9444E-04 (216, 5)	5.4177E-04 (216, 5)
4	3.3499E-10 (171, 4)	7.2575E-04 (145, 4)	5.1109E-04 (145, 4)	4.7920E-04 (171, 4)	4.6907E-04 (122, 4)
5	2.4867E-10 (171, 4)	5.2531E-04 (171, 4)	4.5253E-04 (171, 4)	6.8694E-04 (132, 4)	7.2530E-04 (132, 4)
6	3.2512E-10 (181, 5)	6.6692E-04 (176, 4)	6.3197E-04 (230, 4)	6.0108E-04 (146, 4)	7.1531E-04 (146, 4)
7	1.6878E-10 (181, 5)	6.2435E-04 (185, 4)	6.8006E-04 (185, 4)	6.1708E-04 (181, 5)	6.5347E-04 (181, 5)
8	1.2097E-10 (243, 4)	3.8116E-04 (176, 4)	6.0910E-04 (185, 4)	6.6606E-04 (185, 4)	6.6896E-04 (185, 4)
9	7.0273E-11 (176, 4)	4.7496E-04 (206, 4)	4.9923E-04 (206, 4)	6.4331E-04 (166, 5)	7.5904E-04 (166, 5)
10	7.6198E-11 (97, 4)	9.5580E-04 (206, 4)	1.0793E-03 (206, 4)	8.3310E-04 (206, 4)	6.8148E-04 (206, 4)
11	1.5579E-10 (97, 4)	9.5580E-04 (206, 4)	1.0016E-03 (243, 4)	7.6766E-04 (243, 4)	6.2433E-04 (243, 4)
12	1.7551E-10 (97, 4)	5.3627E-04 (243, 4)	4.9227E-04 (97, 4)	3.5948E-04 (97, 4)	3.3368E-04 (128, 4)
13	8.3311E-11 (177, 4)	1.7289E-04 (177, 4)	1.6203E-04 (230, 5)	2.8707E-04 (180, 5)	3.7110E-04 (226, 4)
14	3.7269E-11 (97, 4)	1.1302E-04 (97, 4)	1.4499E-04 (180, 5)	2.9618E-04 (180, 5)	4.0528E-04 (244, 5)
15	7.0246E-12 (97, 4)	3.2248E-04 (144, 4)	2.9684E-04 (144, 4)	2.6853E-04 (297, 4)	3.4841E-04 (297, 4)
16	7.2956E-13 (97, 4)	6.0512E-04 (144, 4)	5.9412E-04 (144, 4)	4.5705E-04 (144, 4)	3.7468E-04 (144, 4)
17	3.5240E-13 (144, 4)	2.2870E-04 (177, 4)	2.0942E-04 (177, 4)	3.5462E-04 (95, 4)	3.4325E-04 (144, 4)
18	5.6622E-13 (176, 4)	1.1709E-04 (143, 4)	1.1790E-04 (95, 4)	2.3129E-04 (143, 6)	3.0139E-04 (95, 4)
19	3.3344E-12 (177, 4)	6.0202E-05 (144, 4)	1.0819E-04 (94, 4)	2.7726E-04 (143, 4)	3.2299E-04 (94, 4)
20	3.4554E-13 (143, 4)	7.6192E-05 (176, 4)	1.3818E-04 (106, 5)	3.5232E-04 (228, 6)	4.5066E-04 (206, 4)
21	2.8897E-13 (143, 4)	3.3078E-04 (176, 4)	3.6412E-04 (176, 4)	4.1915E-04 (176, 4)	4.6683E-04 (176, 4)
22	1.3316E-13 (143, 4)	2.0519E-04 (143, 4)	2.3365E-04 (143, 4)	3.1381E-04 (143, 4)	4.0601E-04 (141, 4)
23	8.5087E-14 (116, 4)	1.3068E-04 (116, 4)	1.6407E-04 (142, 5)	3.4740E-04 (181, 4)	4.7956E-04 (181, 4)
24	4.4061E-13 (217, 4)	4.0762E-04 (176, 4)	3.9654E-04 (176, 4)	4.0103E-04 (116, 4)	4.7877E-04 (247, 5)
25	5.7152E-12 (217, 4)	1.0795E-04 (176, 4)	2.4634E-04 (236, 4)	5.1314E-04 (97, 4)	6.7185E-04 (97, 4)
26	9.8942E-12 (176, 4)	4.8481E-05 (217, 4)	2.2884E-04 (247, 4)	5.4492E-04 (247, 4)	6.6363E-04 (247, 4)
27	2.8910E-11 (219, 4)	2.4219E-04 (217, 4)	2.4003E-04 (248, 5)	5.3837E-04 (248, 5)	6.3463E-04 (248, 5)
28	1.2827E-10 (219, 4)	1.8571E-04 (219, 4)	2.8794E-04 (143, 5)	3.6283E-04 (143, 5)	4.1586E-04 (286, 4)
29	3.1360E-10 (219, 4)	5.3010E-04 (219, 4)	4.0945E-04 (219, 4)	3.4934E-04 (219, 4)	4.0890E-04 (250, 4)
30	2.7511E-10 (217, 4)	6.2822E-04 (143, 5)	6.0977E-04 (217, 4)	5.9056E-04 (219, 4)	6.3181E-04 (219, 4)
31	2.4867E-10 (242, 4)	5.3329E-04 (242, 4)	4.8928E-04 (143, 5)	4.2298E-04 (217, 4)	4.5518E-04 (217, 4)
32	1.2827E-10 (219, 4)	2.3582E-04 (143, 5)	1.9946E-04 (235, 4)	3.8353E-04 (168, 4)	5.6903E-04 (274, 4)
33	2.8910E-11 (219, 4)	5.0631E-05 (143, 5)	2.7865E-04 (114, 5)	6.0957E-04 (114, 5)	6.6867E-04 (170, 4)
34	5.2164E-11 (162, 4)	7.1608E-05 (162, 4)	2.2408E-04 (260, 4)	5.0746E-04 (260, 4)	6.2057E-04 (216, 4)
35	9.9867E-11 (218, 4)	1.4683E-04 (218, 4)	1.9759E-04 (161, 5)	3.3833E-04 (161, 5)	4.0122E-04 (260, 4)
36	2.7507E-10 (218, 4)	4.8165E-04 (218, 4)	4.6659E-04 (218, 4)	4.6705E-04 (120, 4)	4.0121E-04 (162, 4)

COMPOSITE HIGHEST,SECOND-HIGHEST 24-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	0.	91.	86.	78.	89.
2	0.	80.	74.	63.	89.
3	0.	77.	78.	83.	96.
4	0.	94.	113.	87.	100.
5	0.	114.	123.	114.	125.
6	0.	128.	136.	129.	126.
7	0.	93.	104.	125.	147.
8	0.	64.	92.	123.	151.
9	0.	88.	100.	130.	168.
10	0.	120.	141.	121.	152.
11	0.	120.	125.	96.	86.
12	0.	67.	62.	77.	67.
13	0.	30.	37.	51.	81.
14	0.	15.	22.	44.	60.
15	0.	52.	43.	53.	62.
16	0.	82.	74.	57.	66.
17	0.	152.	136.	105.	86.
18	0.	92.	75.	54.	78.
19	0.	75.	49.	50.	54.
20	0.	66.	49.	69.	87.
21	0.	94.	72.	88.	121.
22	0.	93.	84.	87.	91.
23	0.	84.	81.	102.	112.
24	0.	84.	81.	82.	97.
25	0.	90.	82.	76.	106.
26	0.	89.	78.	96.	127.
27	0.	90.	97.	112.	143.
28	0.	108.	109.	84.	100.
29	0.	74.	95.	104.	125.
30	0.	80.	99.	81.	89.
31	0.	76.	84.	83.	85.
32	0.	94.	77.	95.	106.
33	0.	87.	101.	105.	124.
34	0.	64.	72.	105.	94.
35	0.	38.	64.	90.	105.
36	0.	75.	58.	86.	111.

COMPOSITE HIGHEST, SECOND-HIGHEST 3-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	0.	729.	688.	622.	709.
2	0.	637.	595.	501.	512.
3	0.	618.	624.	562.	635.
4	0.	753.	908.	699.	574.
5	0.	807.	980.	785.	725.
6	0.	790.	815.	636.	715.
7	0.	742.	680.	696.	734.
8	0.	506.	609.	693.	832.
9	0.	703.	803.	781.	840.
10	0.	956.	1079.	833.	763.
11	0.	956.	1002.	768.	624.
12	0.	536.	492.	575.	507.
13	0.	235.	162.	314.	371.
14	0.	118.	179.	332.	405.
15	0.	414.	341.	398.	369.
16	0.	605.	594.	457.	416.
17	0.	707.	596.	467.	381.
18	0.	738.	490.	343.	392.
19	0.	599.	389.	366.	371.
20	0.	530.	391.	352.	451.
21	0.	752.	575.	499.	621.
22	0.	530.	422.	529.	635.
23	0.	723.	645.	610.	580.
24	0.	669.	645.	549.	623.
25	0.	723.	656.	567.	672.
26	0.	609.	600.	570.	664.
27	0.	722.	780.	763.	674.
28	0.	865.	871.	673.	659.
29	0.	588.	756.	832.	999.
30	0.	640.	795.	644.	659.
31	0.	606.	669.	652.	621.
32	0.	748.	618.	644.	631.
33	0.	692.	697.	685.	708.
34	0.	515.	471.	515.	679.
35	0.	293.	511.	679.	745.
36	0.	604.	467.	513.	665.

RING DISTANCES(KM)= 3.00 3.50 4.00 4.50 5.00

STACK # 1--TECO 1 100% 35T/H SO2
STACK # 2--TECO 3 100% 35T/H SO2

STACK	MONTH	EMISSION RATE (GMS/SEC)	HEIGHT (METERS)	DIAMETER (METERS)	EXIT VELOCITY (M/SEC)	TEMP (DEG.K)	VOLUMETRIC FLOW (MA*3/SEC)
1	ALL	2931.0500	149.40	7.32	14.30	422.00	601.79
2	ALL	2987.6799	149.40	7.32	14.40	417.00	606.00

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.7721E-04 DIRECTION= 9 DISTANCE= 3.0 KM DAY=128

YEAR= 71

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	7.3776E-05 (236)	6.9438E-05 (236)	6.2698E-05 (113)	6.0964E-05 (113)	5.8632E-05 (113)
2	9.2089E-05 (236)	9.5082E-05 (331)	9.9297E-05 (331)	9.8814E-05 (331)	9.5583E-05 (331)
3	8.7898E-05 (205)	9.2736E-05 (205)	9.2010E-05 (205)	8.8242E-05 (205)	8.3050E-05 (205)
4	7.9364E-05 (205)	8.8134E-05 (205)	7.9712E-05 (234)	7.2903E-05 (127)	7.2783E-05 (127)
5	8.2990E-05 (288)	7.7564E-05 (276)	7.4660E-05 (205)	6.9211E-05 (219)	6.8956E-05 (219)
6	9.7043E-05 (159)	9.7253E-05 (159)	8.6486E-05 (206)	7.3802E-05 (206)	6.3321E-05 (206)
7	9.8631E-05 (207)	1.0143E-04 (280)	9.2004E-05 (224)	9.3214E-05 (224)	9.1986E-05 (224)
8	9.6383E-05 (128)	9.5861E-05 (139)	9.3379E-05 (257)	8.8328E-05 (139)	8.1859E-05 (139)
9	1.7721E-04 (128)	1.7584E-04 (128)	1.6667E-04 (220)	1.4970E-04 (220)	1.4062E-04 (167)
10	1.2528E-04 (220)	1.2318E-04 (220)	1.1558E-04 (220)	1.0888E-04 (11)	1.0220E-04 (11)
11	6.6235E-05 (198)	7.4182E-05 (196)	7.7090E-05 (196)	7.6095E-05 (196)	7.3024E-05 (196)
12	8.4056E-05 (136)	9.9858E-05 (136)	1.0411E-04 (198)	9.0465E-05 (198)	7.9090E-05 (198)
13	7.3846E-05 (141)	8.1910E-05 (141)	8.4129E-05 (141)	8.2949E-05 (141)	7.5440E-05 (190)
14	5.4949E-05 (222)	6.2145E-05 (222)	6.4418E-05 (222)	6.3420E-05 (222)	6.0580E-05 (222)
15	6.2045E-05 (121)	6.2692E-05 (121)	6.6752E-05 (221)	6.9783E-05 (221)	6.9549E-05 (221)
16	5.9922E-05 (169)	6.2967E-05 (169)	6.4543E-05 (124)	6.5637E-05 (124)	6.4499E-05 (124)
17	5.0301E-05 (99)	4.8792E-05 (99)	5.2642E-05 (162)	5.3713E-05 (162)	5.2347E-05 (162)
18	6.3418E-05 (99)	6.3770E-05 (99)	6.0337E-05 (316)	6.2073E-05 (316)	6.1398E-05 (316)
19	4.4777E-05 (221)	4.2512E-05 (221)	4.4671E-05 (316)	4.5162E-05 (316)	4.6510E-05 (275)
20	4.1667E-05 (46)	4.0352E-05 (46)	4.0974E-05 (150)	4.3439E-05 (334)	4.5265E-05 (334)
21	7.1921E-05 (263)	6.7548E-05 (41)	7.2407E-05 (311)	7.6084E-05 (334)	7.9944E-05 (334)
22	7.8099E-05 (47)	7.9421E-05 (47)	7.5937E-05 (47)	7.0803E-05 (47)	6.5619E-05 (47)
23	9.2449E-05 (68)	9.6228E-05 (270)	8.7469E-05 (156)	7.7581E-05 (272)	7.4593E-05 (272)
24	1.1625E-04 (90)	1.2054E-04 (156)	1.1135E-04 (156)	1.0096E-04 (156)	9.1016E-05 (156)
25	7.4678E-05 (90)	8.1327E-05 (90)	8.1977E-05 (90)	7.9049E-05 (90)	7.5425E-05 (285)
26	5.7949E-05 (101)	6.8018E-05 (267)	7.4642E-05 (156)	7.1668E-05 (48)	7.4315E-05 (48)
27	1.0589E-04 (190)	1.2047E-04 (190)	1.2499E-04 (190)	1.2355E-04 (190)	1.1915E-04 (190)
28	1.1000E-04 (101)	1.1652E-04 (101)	1.1633E-04 (101)	1.1229E-04 (101)	1.0633E-04 (101)
29	7.8267E-05 (138)	7.9310E-05 (247)	8.8948E-05 (214)	9.2840E-05 (214)	9.2652E-05 (214)
30	8.5762E-05 (182)	8.1901E-05 (182)	8.5238E-05 (210)	8.9727E-05 (210)	9.0169E-05 (210)
31	5.3473E-05 (278)	6.7864E-05 (182)	7.0610E-05 (182)	7.1022E-05 (182)	6.9722E-05 (182)
32	8.4512E-05 (2)	8.6898E-05 (2)	8.4737E-05 (2)	8.0502E-05 (2)	7.5694E-05 (2)
33	8.9746E-05 (91)	9.5936E-05 (230)	1.0755E-04 (185)	1.0889E-04 (91)	1.0460E-04 (363)
34	9.3573E-05 (187)	1.1220E-04 (259)	1.0842E-04 (259)	1.0179E-04 (259)	9.4172E-05 (259)
35	1.0383E-04 (211)	9.5658E-05 (211)	8.5631E-05 (211)	7.5778E-05 (211)	6.6861E-05 (211)
36	1.1346E-04 (260)	1.0257E-04 (260)	9.1330E-05 (260)	8.1449E-05 (260)	7.3191E-05 (260)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 8.7933E-04 DIRECTION= 9 DISTANCE= 3.0 KM DAY=220 TIME PERIOD= 5

YEAR= 71

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	4.4402E-04 (229, 4)	4.0586E-04 (229, 4)	3.6708E-04 (229, 4)	3.4116E-04 (113, 4)	3.1827E-04 (113, 4)
2	4.9386E-04 (184, 4)	5.0738E-04 (73, 4)	5.0795E-04 (73, 4)	5.0709E-04 (297, 4)	5.0578E-04 (297, 4)
3	5.9228E-04 (219, 5)	5.1653E-04 (219, 5)	4.4038E-04 (219, 5)	4.5599E-04 (331, 4)	4.5690E-04 (331, 4)
4	4.8316E-04 (215, 4)	4.9873E-04 (163, 4)	5.4955E-04 (127, 4)	4.9439E-04 (234, 4)	4.7242E-04 (131, 4)
5	6.5780E-04 (200, 4)	5.9878E-04 (240, 5)	5.2677E-04 (240, 5)	5.0704E-04 (219, 6)	4.8953E-04 (234, 4)
6	6.3362E-04 (206, 5)	5.5691E-04 (206, 5)	5.1724E-04 (159, 4)	4.7956E-04 (200, 4)	4.2060E-04 (200, 4)
7	5.2041E-04 (207, 5)	5.1437E-04 (207, 5)	4.8585E-04 (207, 5)	4.8644E-04 (21, 5)	4.8927E-04 (229, 6)
8	6.6063E-04 (262, 5)	6.2590E-04 (262, 5)	5.6277E-04 (262, 5)	5.6151E-04 (232, 5)	5.6963E-04 (232, 5)
9	8.7933E-04 (220, 5)	8.4046E-04 (220, 5)	7.8625E-04 (178, 4)	7.3109E-04 (238, 5)	6.6909E-04 (238, 5)
10	6.0450E-04 (168, 4)	6.8760E-04 (168, 4)	6.8382E-04 (204, 5)	6.2952E-04 (204, 5)	5.7804E-04 (204, 5)
11	4.7087E-04 (192, 5)	4.6643E-04 (204, 5)	4.6590E-04 (192, 5)	4.3594E-04 (192, 5)	4.0121E-04 (192, 5)
12	4.3253E-04 (257, 4)	5.3014E-04 (136, 4)	5.1511E-04 (198, 4)	4.4662E-04 (198, 4)	4.0093E-04 (317, 4)
13	3.5574E-04 (198, 3)	3.9238E-04 (136, 4)	4.1380E-04 (136, 4)	4.1070E-04 (136, 4)	3.9472E-04 (136, 4)
14	3.3026E-04 (162, 4)	3.6597E-04 (162, 4)	4.0232E-04 (199, 6)	4.3540E-04 (199, 6)	4.4504E-04 (199, 6)
15	3.9309E-04 (162, 4)	4.5392E-04 (222, 5)	4.8445E-04 (221, 5)	4.7411E-04 (222, 4)	4.4306E-04 (222, 5)
16	3.8227E-04 (124, 6)	4.6676E-04 (124, 6)	4.9765E-04 (169, 4)	4.8300E-04 (169, 4)	4.6020E-04 (169, 4)
17	3.4852E-04 (317, 4)	3.8008E-04 (162, 4)	3.5575E-04 (99, 4)	3.4244E-04 (315, 5)	3.4681E-04 (315, 5)
18	3.8828E-04 (124, 5)	4.2190E-04 (124, 5)	4.2112E-04 (124, 5)	4.0397E-04 (300, 4)	3.9216E-04 (99, 4)
19	3.5821E-04 (221, 4)	3.4007E-04 (221, 4)	3.3228E-04 (300, 4)	3.5777E-04 (275, 4)	3.7208E-04 (275, 4)
20	3.3334E-04 (46, 5)	3.2282E-04 (46, 5)	3.2778E-04 (150, 3)	3.2278E-04 (99, 4)	3.0787E-04 (99, 4)
21	4.2276E-04 (18, 4)	4.4554E-04 (18, 4)	4.3325E-04 (18, 4)	4.0770E-04 (263, 5)	4.1368E-04 (55, 4)
22	4.8402E-04 (142, 5)	4.8543E-04 (261, 4)	5.2059E-04 (261, 4)	5.0512E-04 (142, 5)	4.7575E-04 (142, 5)
23	5.4782E-04 (156, 4)	5.0352E-04 (156, 4)	5.1426E-04 (199, 3)	5.1496E-04 (199, 3)	4.9494E-04 (199, 3)
24	5.2039E-04 (90, 4)	5.2116E-04 (90, 4)	4.9902E-04 (90, 4)	4.7409E-04 (258, 4)	4.5922E-04 (258, 4)
25	4.1761E-04 (137, 4)	5.0440E-04 (137, 4)	5.4071E-04 (137, 4)	5.4332E-04 (137, 4)	5.2635E-04 (137, 4)
26	3.8596E-04 (101, 4)	3.9596E-04 (101, 4)	4.1352E-04 (267, 5)	4.2093E-04 (267, 5)	4.2737E-04 (176, 6)
27	5.4663E-04 (101, 4)	5.3212E-04 (231, 4)	5.1491E-04 (86, 5)	5.1129E-04 (265, 4)	5.0727E-04 (265, 4)
28	5.9100E-04 (101, 5)	6.0215E-04 (101, 5)	5.8104E-04 (101, 5)	5.4415E-04 (101, 5)	5.0140E-04 (101, 5)
29	5.4803E-04 (138, 5)	6.0596E-04 (233, 4)	6.2412E-04 (233, 4)	6.2391E-04 (233, 4)	6.1699E-04 (233, 4)
30	5.4051E-04 (138, 5)	4.6983E-04 (138, 5)	4.9762E-04 (211, 3)	5.2904E-04 (211, 3)	5.0560E-04 (182, 4)
31	3.6883E-04 (218, 4)	3.3996E-04 (278, 4)	3.9549E-04 (262, 4)	4.3921E-04 (262, 4)	4.5668E-04 (262, 4)
32	5.2739E-04 (295, 4)	5.3696E-04 (295, 4)	5.0953E-04 (295, 4)	4.8563E-04 (87, 4)	4.8646E-04 (139, 3)
33	6.1779E-04 (91, 5)	6.5634E-04 (230, 4)	6.5538E-04 (77, 5)	6.5392E-04 (77, 5)	6.2994E-04 (77, 5)
34	5.3476E-04 (187, 4)	5.9558E-04 (259, 4)	6.0387E-04 (259, 4)	6.2488E-04 (200, 3)	6.4137E-04 (200, 3)
35	6.8639E-04 (211, 4)	5.9574E-04 (211, 4)	5.0722E-04 (211, 4)	4.3070E-04 (211, 4)	3.6743E-04 (211, 4)
36	6.7097E-04 (260, 4)	6.1912E-04 (260, 4)	5.5560E-04 (260, 4)	4.9995E-04 (192, 3)	5.1656E-04 (179, 3)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAX3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.7923E-04 DIRECTION= 9 DISTANCE= 3.0 KM DAY=124

YEAR= 72

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	7.8644E-05 (107)	9.7704E-05 (107)	1.0653E-04 (113)	1.0158E-04 (113)	9.5171E-05 (113)
2	8.0284E-05 (57)	9.7816E-05 (57)	1.0547E-04 (57)	1.0646E-04 (57)	1.0361E-04 (57)
3	8.8721E-05 (110)	8.6832E-05 (149)	8.9524E-05 (105)	8.8442E-05 (57)	8.5248E-05 (57)
4	8.7059E-05 (195)	8.0341E-05 (150)	7.5680E-05 (269)	7.0616E-05 (124)	6.7052E-05 (136)
5	1.2145E-04 (150)	1.2008E-04 (211)	1.1727E-04 (211)	1.0693E-04 (261)	9.7278E-05 (261)
6	1.0997E-04 (211)	1.0300E-04 (210)	1.0350E-04 (210)	9.7518E-05 (261)	9.1798E-05 (261)
7	1.1770E-04 (194)	1.1999E-04 (309)	1.1808E-04 (309)	1.0601E-04 (298)	1.0221E-04 (316)
8	1.1024E-04 (219)	1.1348E-04 (53)	1.1304E-04 (53)	1.0863E-04 (53)	1.0247E-04 (53)
9	1.7923E-04 (124)	1.7255E-04 (124)	1.7504E-04 (207)	1.7645E-04 (207)	1.7357E-04 (207)
10	1.5379E-04 (242)	1.4493E-04 (242)	1.3488E-04 (181)	1.3334E-04 (181)	1.2809E-04 (181)
11	8.4237E-05 (131)	8.8887E-05 (131)	8.7983E-05 (131)	8.3962E-05 (131)	7.8469E-05 (131)
12	5.1645E-05 (143)	5.7761E-05 (231)	6.2823E-05 (231)	6.3867E-05 (231)	6.2442E-05 (231)
13	9.7628E-05 (184)	9.1147E-05 (184)	8.3298E-05 (184)	7.5548E-05 (184)	7.5355E-05 (303)
14	4.4936E-05 (146)	5.4456E-05 (249)	5.9958E-05 (249)	6.1318E-05 (194)	5.7950E-05 (194)
15	4.2007E-05 (194)	4.5008E-05 (362)	4.7759E-05 (146)	4.7930E-05 (146)	4.6632E-05 (146)
16	3.6901E-05 (216)	4.6897E-05 (216)	5.1438E-05 (216)	5.2054E-05 (216)	5.0092E-05 (263)
17	4.9467E-05 (363)	5.8543E-05 (45)	6.3714E-05 (45)	6.3836E-05 (45)	6.1319E-05 (45)
18	5.8267E-05 (363)	5.9637E-05 (363)	5.7951E-05 (45)	5.9398E-05 (45)	5.8316E-05 (45)
19	5.3663E-05 (189)	5.1958E-05 (239)	5.2119E-05 (252)	4.9487E-05 (19)	4.5675E-05 (19)
20	7.0563E-05 (189)	6.5179E-05 (336)	7.1095E-05 (252)	6.6117E-05 (83)	6.8809E-05 (83)
21	8.5347E-05 (189)	7.7567E-05 (189)	6.8791E-05 (189)	6.3506E-05 (256)	6.0919E-05 (336)
22	5.7240E-05 (252)	5.8703E-05 (252)	6.2954E-05 (288)	6.6654E-05 (288)	6.2276E-05 (86)
23	7.2189E-05 (156)	6.8832E-05 (266)	6.9833E-05 (266)	6.6754E-05 (158)	6.0370E-05 (279)
24	7.7180E-05 (156)	7.5929E-05 (267)	8.2120E-05 (192)	8.7819E-05 (192)	8.9293E-05 (267)
25	8.3638E-05 (157)	9.4174E-05 (157)	9.6764E-05 (157)	9.4460E-05 (157)	8.9581E-05 (157)
26	1.0705E-04 (257)	1.2674E-04 (265)	1.3166E-04 (265)	1.3022E-04 (265)	1.2531E-04 (265)
27	7.9572E-05 (310)	9.2906E-05 (254)	9.9789E-05 (207)	1.0371E-04 (207)	1.0407E-04 (207)
28	7.1372E-05 (197)	8.0352E-05 (339)	8.4800E-05 (339)	8.5451E-05 (339)	8.3614E-05 (339)
29	9.0263E-05 (197)	9.6968E-05 (101)	1.0340E-04 (101)	1.0387E-04 (101)	1.0117E-04 (101)
30	7.1434E-05 (345)	7.8535E-05 (345)	8.0094E-05 (345)	7.8645E-05 (345)	7.8214E-05 (185)
31	6.5447E-05 (241)	7.3835E-05 (332)	7.9172E-05 (241)	8.1647E-05 (241)	8.2189E-05 (241)
32	7.2983E-05 (61)	8.5616E-05 (61)	9.0095E-05 (61)	8.9551E-05 (61)	8.6345E-05 (61)
33	8.2013E-05 (314)	8.8996E-05 (314)	9.4089E-05 (12)	9.9685E-05 (12)	1.0043E-04 (12)
34	5.9101E-05 (314)	6.2088E-05 (314)	6.0272E-05 (314)	5.6338E-05 (314)	5.1879E-05 (314)
35	4.8557E-05 (213)	5.2107E-05 (213)	5.7034E-05 (319)	5.7076E-05 (87)	5.4562E-05 (87)
36	6.3076E-05 (136)	6.3204E-05 (136)	6.0851E-05 (113)	6.3221E-05 (341)	6.4098E-05 (341)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 9.2496E-04 DIRECTION= 9 DISTANCE= 3.0 KM DAY=124 TIME PERIOD= 4

YEAR= 72

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	4.9660E-04 (113, 4)	5.2269E-04 (196, 4)	5.3163E-04 (113, 4)	5.0641E-04 (113, 4)	4.7262E-04 (341, 4)
2	5.0862E-04 (215, 4)	4.8170E-04 (57, 4)	5.2848E-04 (57, 4)	5.3994E-04 (57, 4)	5.2973E-04 (57, 4)
3	5.5995E-04 (215, 4)	5.0124E-04 (57, 5)	4.9702E-04 (135, 5)	4.7165E-04 (149, 5)	4.5913E-04 (149, 5)
4	5.8365E-04 (102, 5)	5.1484E-04 (102, 5)	4.7604E-04 (110, 5)	4.7495E-04 (98, 4)	4.8451E-04 (98, 4)
5	6.4907E-04 (261, 5)	5.8236E-04 (261, 5)	5.5628E-04 (233, 4)	4.9306E-04 (150, 4)	4.6518E-04 (292, 4)
6	6.5835E-04 (261, 5)	5.8098E-04 (261, 5)	5.2768E-04 (194, 4)	5.0441E-04 (85, 4)	5.0518E-04 (85, 4)
7	6.3355E-04 (309, 5)	6.9773E-04 (309, 5)	6.6902E-04 (298, 5)	6.0340E-04 (298, 5)	5.3980E-04 (298, 5)
8	5.5379E-04 (220, 4)	5.5460E-04 (290, 4)	5.5173E-04 (153, 4)	5.5764E-04 (290, 4)	5.4768E-04 (219, 3)
9	9.2496E-04 (124, 4)	9.0512E-04 (124, 4)	8.4639E-04 (124, 4)	7.8835E-04 (183, 4)	7.5203E-04 (183, 4)
10	7.5515E-04 (242, 4)	7.2982E-04 (183, 5)	7.0205E-04 (303, 4)	6.5139E-04 (303, 4)	6.0059E-04 (303, 4)
11	4.4355E-04 (184, 4)	4.2141E-04 (131, 6)	4.2995E-04 (222, 5)	4.2109E-04 (222, 5)	3.9997E-04 (222, 5)
12	3.2465E-04 (97, 5)	3.6613E-04 (97, 5)	3.7418E-04 (97, 5)	3.8408E-04 (250, 4)	3.8112E-04 (250, 4)
13	4.8117E-04 (146, 4)	5.4226E-04 (146, 4)	5.5520E-04 (146, 4)	5.4027E-04 (146, 4)	5.1131E-04 (146, 4)
14	3.5684E-04 (282, 4)	4.3564E-04 (249, 6)	4.7967E-04 (249, 6)	4.9054E-04 (194, 3)	4.6360E-04 (194, 3)
15	3.2452E-04 (362, 5)	3.2756E-04 (362, 5)	3.1497E-04 (362, 5)	2.9517E-04 (362, 5)	2.7634E-04 (109, 6)
16	2.9520E-04 (216, 4)	3.7518E-04 (216, 4)	4.1151E-04 (216, 4)	4.1643E-04 (216, 4)	3.8633E-04 (263, 4)
17	3.9574E-04 (363, 5)	4.6310E-04 (45, 5)	5.0393E-04 (45, 5)	5.0487E-04 (45, 5)	4.8495E-04 (45, 5)
18	4.6281E-04 (59, 4)	4.5282E-04 (59, 4)	4.5324E-04 (363, 5)	4.2829E-04 (193, 3)	4.1638E-04 (147, 4)
19	2.9644E-04 (252, 5)	2.7796E-04 (206, 4)	3.0239E-04 (313, 5)	3.1101E-04 (313, 5)	3.3145E-04 (231, 4)
20	3.3842E-04 (252, 4)	3.1328E-04 (252, 5)	2.9355E-04 (256, 5)	3.1997E-04 (83, 3)	3.4148E-04 (83, 3)
21	4.2559E-04 (256, 5)	4.1849E-04 (283, 4)	4.1711E-04 (157, 6)	4.3383E-04 (288, 5)	4.3558E-04 (288, 5)
22	4.2829E-04 (189, 4)	4.0597E-04 (189, 4)	3.7650E-04 (122, 5)	3.9109E-04 (122, 5)	3.5916E-04 (283, 4)
23	3.5744E-04 (217, 4)	3.4391E-04 (266, 5)	3.6787E-04 (163, 4)	3.8768E-04 (342, 5)	3.9132E-04 (342, 5)
24	4.7813E-04 (186, 4)	4.1812E-04 (186, 4)	4.4648E-04 (192, 3)	4.0896E-04 (158, 5)	3.6843E-04 (52, 4)
25	4.4383E-04 (226, 4)	4.9139E-04 (226, 4)	5.0689E-04 (226, 4)	5.0279E-04 (226, 4)	4.8714E-04 (226, 4)
26	5.9040E-04 (247, 4)	5.1916E-04 (247, 4)	4.5407E-04 (246, 4)	4.2772E-04 (246, 4)	4.1999E-04 (157, 3)
27	5.2324E-04 (247, 4)	4.7870E-04 (247, 4)	4.7257E-04 (257, 4)	4.6934E-04 (257, 4)	4.5260E-04 (257, 4)
28	4.7899E-04 (231, 3)	5.3851E-04 (297, 4)	5.7607E-04 (297, 4)	5.7769E-04 (297, 4)	5.5860E-04 (297, 4)
29	4.5266E-04 (197, 3)	4.4505E-04 (197, 3)	4.1817E-04 (230, 3)	4.3075E-04 (163, 4)	3.9322E-04 (163, 4)
30	5.2695E-04 (228, 3)	5.4175E-04 (345, 4)	5.5656E-04 (1, 4)	5.8286E-04 (1, 4)	5.8154E-04 (1, 4)
31	3.8640E-04 (209, 3)	3.9362E-04 (209, 3)	4.2994E-04 (332, 5)	4.4614E-04 (241, 4)	4.1897E-04 (241, 4)
32	4.2727E-04 (307, 5)	4.5854E-04 (61, 4)	4.8466E-04 (61, 4)	4.8235E-04 (61, 4)	4.6419E-04 (61, 4)
33	5.5549E-04 (215, 4)	6.2572E-04 (1, 5)	6.2605E-04 (229, 4)	5.7800E-04 (229, 4)	5.5257E-04 (12, 4)
34	3.7094E-04 (54, 4)	3.7470E-04 (54, 4)	3.5553E-04 (54, 4)	3.5949E-04 (308, 3)	3.5033E-04 (314, 4)
35	3.8845E-04 (213, 5)	4.1685E-04 (213, 5)	4.1258E-04 (213, 5)	3.9157E-04 (213, 5)	3.6348E-04 (213, 5)
36	5.0461E-04 (136, 4)	5.0564E-04 (136, 4)	4.8677E-04 (136, 4)	5.0211E-04 (64, 4)	4.6430E-04 (64, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.5149E-04 DIRECTION= 8 DISTANCE= 3.0 KM DAY=181

YEAR= 73

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	5.7774E-05 (149)	6.1105E-05 (149)	6.0355E-05 (364)	6.3148E-05 (193)	6.4642E-05 (193)
2	7.7122E-05 (147)	7.8095E-05 (147)	8.2825E-05 (159)	8.4074E-05 (159)	8.2048E-05 (159)
3	9.1288E-05 (215)	8.1665E-05 (269)	8.0497E-05 (123)	8.0490E-05 (123)	7.6612E-05 (151)
4	8.9019E-05 (182)	7.8490E-05 (182)	7.4724E-05 (173)	7.0862E-05 (173)	6.6601E-05 (173)
5	1.3030E-04 (192)	1.2858E-04 (192)	1.2798E-04 (182)	1.1635E-04 (182)	1.0662E-04 (182)
6	1.2420E-04 (209)	1.2231E-04 (209)	1.1890E-04 (209)	1.1510E-04 (209)	1.1129E-04 (209)
7	1.4069E-04 (181)	1.3717E-04 (181)	1.3105E-04 (181)	1.2311E-04 (185)	1.1171E-04 (185)
8	1.5149E-04 (181)	1.4123E-04 (181)	1.2773E-04 (181)	1.1458E-04 (253)	1.1147E-04 (253)
9	1.4595E-04 (132)	1.4933E-04 (152)	1.3626E-04 (152)	1.2289E-04 (152)	1.1061E-04 (152)
10	1.0909E-04 (140)	1.1169E-04 (132)	1.0785E-04 (132)	1.0207E-04 (132)	9.5562E-05 (132)
11	8.8041E-05 (169)	8.4275E-05 (208)	8.0223E-05 (263)	7.8718E-05 (169)	7.4419E-05 (169)
12	5.7302E-05 (259)	6.7016E-05 (124)	7.0546E-05 (124)	7.1844E-05 (138)	7.2977E-05 (138)
13	3.6103E-05 (259)	3.8572E-05 (124)	4.3765E-05 (135)	4.7440E-05 (135)	4.9378E-05 (135)
14	5.5866E-05 (103)	6.0406E-05 (169)	6.2451E-05 (169)	6.1181E-05 (169)	5.8185E-05 (169)
15	4.9459E-05 (103)	5.4596E-05 (47)	6.2230E-05 (47)	6.5908E-05 (47)	6.6856E-05 (47)
16	6.7806E-05 (95)	7.8439E-05 (182)	8.1376E-05 (356)	7.7437E-05 (356)	7.2952E-05 (356)
17	7.2713E-05 (131)	6.3298E-05 (131)	5.6475E-05 (119)	5.8288E-05 (182)	5.6577E-05 (182)
18	7.2713E-05 (131)	7.6299E-05 (103)	7.8880E-05 (103)	7.7966E-05 (103)	7.4960E-05 (103)
19	5.5401E-05 (305)	5.8922E-05 (305)	6.1083E-05 (305)	6.2020E-05 (305)	6.1816E-05 (305)
20	8.8138E-05 (183)	8.0462E-05 (183)	7.0574E-05 (183)	7.5312E-05 (268)	7.1973E-05 (233)
21	1.1834E-04 (233)	1.0938E-04 (221)	1.1192E-04 (183)	1.1531E-04 (221)	1.1385E-04 (221)
22	9.1490E-05 (221)	8.9253E-05 (221)	8.9136E-05 (125)	7.9828E-05 (221)	7.4312E-05 (221)
23	1.0796E-04 (221)	9.9382E-05 (221)	9.0071E-05 (221)	8.1328E-05 (221)	7.3534E-05 (221)
24	7.9516E-05 (183)	9.3903E-05 (183)	1.0133E-04 (59)	1.0401E-04 (59)	1.0239E-04 (59)
25	1.0380E-04 (260)	1.0970E-04 (260)	1.1964E-04 (321)	1.2035E-04 (240)	1.1288E-04 (240)
26	1.0426E-04 (154)	1.1200E-04 (82)	1.2484E-04 (336)	1.3487E-04 (336)	1.3852E-04 (336)
27	8.6950E-05 (287)	9.5146E-05 (287)	8.9330E-05 (154)	8.2814E-05 (154)	7.8574E-05 (336)
28	9.7164E-05 (239)	8.8396E-05 (239)	8.9259E-05 (286)	8.9202E-05 (158)	8.0122E-05 (158)
29	1.0686E-04 (238)	1.0970E-04 (239)	1.0515E-04 (239)	1.0602E-04 (249)	1.0165E-04 (238)
30	9.0048E-05 (202)	9.7031E-05 (202)	9.9067E-05 (202)	9.8387E-05 (244)	9.8592E-05 (244)
31	6.6011E-05 (322)	7.4353E-05 (322)	7.6508E-05 (322)	7.4850E-05 (322)	7.3634E-05 (160)
32	1.0945E-04 (224)	1.0200E-04 (322)	1.0064E-04 (322)	9.5837E-05 (322)	8.9548E-05 (322)
33	1.1655E-04 (217)	1.0754E-04 (217)	9.6897E-05 (217)	8.6735E-05 (217)	7.7789E-05 (217)
34	9.6062E-05 (202)	9.6199E-05 (202)	9.1465E-05 (202)	8.4665E-05 (202)	7.7349E-05 (202)
35	8.2934E-05 (177)	8.0190E-05 (177)	7.4298E-05 (177)	6.9370E-05 (163)	6.2861E-05 (163)
36	8.0382E-05 (160)	7.1976E-05 (163)	7.1686E-05 (194)	7.1321E-05 (194)	6.8553E-05 (194)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 8.7342E-04 DIRECTION= 8 DISTANCE= 3.0 KM DAY=181 TIME PERIOD= 4

YEAR= 73

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	3.5855E-04 (364, 5)	3.9750E-04 (39, 4)	4.2223E-04 (39, 4)	4.2276E-04 (39, 4)	4.1030E-04 (39, 4)
2	4.9188E-04 (151, 4)	4.5708E-04 (71, 5)	5.1711E-04 (71, 5)	5.4033E-04 (71, 5)	5.3894E-04 (71, 5)
3	6.3019E-04 (269, 5)	5.7280E-04 (151, 5)	5.0281E-04 (123, 4)	5.0456E-04 (123, 4)	4.8817E-04 (123, 4)
4	4.9290E-04 (182, 4)	4.6351E-04 (194, 4)	4.8095E-04 (194, 4)	4.8341E-04 (194, 4)	4.7607E-04 (194, 4)
5	6.6085E-04 (313, 4)	7.2845E-04 (313, 4)	6.9234E-04 (182, 4)	6.3265E-04 (182, 4)	5.8170E-04 (182, 4)
6	5.9447E-04 (209, 4)	6.0279E-04 (201, 5)	6.5648E-04 (235, 5)	6.4883E-04 (235, 5)	6.2459E-04 (235, 5)
7	6.8545E-04 (209, 4)	6.4512E-04 (185, 4)	5.9131E-04 (185, 4)	5.3627E-04 (185, 4)	4.8627E-04 (185, 4)
8	8.7342E-04 (181, 4)	8.3903E-04 (181, 4)	7.7538E-04 (181, 4)	7.0668E-04 (181, 4)	6.4341E-04 (181, 4)
9	6.4370E-04 (152, 4)	6.2157E-04 (180, 3)	7.0290E-04 (66, 5)	7.5064E-04 (66, 5)	7.6003E-04 (66, 5)
10	5.5039E-04 (140, 4)	5.3885E-04 (140, 4)	5.0511E-04 (196, 5)	4.7659E-04 (196, 5)	4.4724E-04 (166, 3)
11	4.6887E-04 (235, 6)	5.4223E-04 (235, 6)	5.7521E-04 (235, 6)	5.2324E-04 (208, 4)	4.8018E-04 (166, 3)
12	4.2188E-04 (100, 4)	4.0015E-04 (259, 4)	3.9421E-04 (135, 3)	3.9943E-04 (100, 4)	3.6745E-04 (100, 4)
13	2.8881E-04 (259, 4)	3.0107E-04 (124, 5)	3.1709E-04 (124, 5)	3.1424E-04 (124, 5)	3.0098E-04 (124, 5)
14	4.1233E-04 (103, 5)	4.2977E-04 (175, 5)	4.4764E-04 (175, 5)	4.4037E-04 (175, 5)	4.1973E-04 (175, 5)
15	3.9536E-04 (103, 5)	4.3677E-04 (47, 4)	4.6500E-04 (118, 4)	4.3877E-04 (118, 4)	4.0659E-04 (118, 4)
16	3.6173E-04 (182, 4)	4.5310E-04 (182, 4)	4.7516E-04 (356, 5)	4.3452E-04 (356, 5)	3.9743E-04 (356, 5)
17	3.9367E-04 (53, 4)	4.1997E-04 (53, 4)	4.2877E-04 (323, 4)	4.2362E-04 (53, 4)	4.1748E-04 (52, 4)
18	4.4793E-04 (103, 4)	4.8659E-04 (297, 5)	4.4908E-04 (131, 4)	4.6518E-04 (14, 4)	4.7115E-04 (14, 4)
19	3.7697E-04 (305, 4)	4.4040E-04 (42, 5)	4.5628E-04 (103, 4)	4.2201E-04 (268, 5)	4.1497E-04 (268, 5)
20	3.9284E-04 (305, 4)	3.9162E-04 (305, 4)	3.9879E-04 (299, 4)	3.8136E-04 (268, 3)	4.2893E-04 (268, 3)
21	5.4729E-04 (233, 5)	5.6355E-04 (305, 4)	5.1092E-04 (183, 4)	4.5922E-04 (30, 4)	4.2379E-04 (30, 4)
22	6.7829E-04 (78, 4)	6.4508E-04 (233, 4)	5.6636E-04 (233, 4)	5.3246E-04 (125, 4)	4.9687E-04 (125, 4)
23	5.1469E-04 (221, 5)	4.4891E-04 (125, 4)	3.9462E-04 (125, 4)	4.0262E-04 (346, 4)	4.2611E-04 (346, 4)
24	3.8607E-04 (240, 5)	4.5681E-04 (310, 4)	4.9318E-04 (59, 4)	4.8499E-04 (310, 4)	4.7189E-04 (310, 4)
25	5.5723E-04 (352, 4)	6.4787E-04 (352, 4)	6.5564E-04 (240, 5)	6.2413E-04 (240, 5)	5.8474E-04 (240, 5)
26	4.1992E-04 (229, 3)	5.3709E-04 (220, 3)	5.9036E-04 (336, 5)	6.2337E-04 (336, 5)	6.2948E-04 (352, 4)
27	4.8758E-04 (242, 5)	5.0157E-04 (158, 4)	4.9536E-04 (317, 4)	4.9106E-04 (242, 5)	4.5640E-04 (242, 5)
28	6.7404E-04 (232, 4)	6.2680E-04 (232, 4)	5.6749E-04 (232, 4)	5.4271E-04 (161, 3)	5.1492E-04 (161, 3)
29	4.0098E-04 (158, 4)	4.8469E-04 (249, 4)	5.5415E-04 (249, 4)	5.9119E-04 (249, 4)	5.8934E-04 (238, 3)
30	4.9061E-04 (238, 3)	5.4164E-04 (238, 3)	5.2885E-04 (106, 4)	5.0660E-04 (106, 4)	4.8118E-04 (121, 5)
31	5.0176E-04 (112, 4)	5.3790E-04 (112, 4)	5.3378E-04 (112, 4)	5.6230E-04 (160, 3)	5.6625E-04 (171, 4)
32	5.9207E-04 (185, 3)	5.5722E-04 (185, 3)	5.1656E-04 (329, 4)	5.6146E-04 (157, 4)	5.1520E-04 (157, 4)
33	6.1464E-04 (224, 5)	5.7284E-04 (217, 4)	5.3054E-04 (217, 4)	5.1128E-04 (61, 5)	4.8828E-04 (61, 5)
34	5.8002E-04 (217, 4)	5.3892E-04 (217, 4)	5.3475E-04 (123, 3)	5.1817E-04 (200, 4)	4.9111E-04 (200, 4)
35	4.1475E-04 (252, 4)	4.2937E-04 (252, 4)	4.1349E-04 (252, 4)	3.9302E-04 (115, 4)	3.5690E-04 (226, 4)
36	4.6824E-04 (226, 4)	4.5074E-04 (226, 4)	4.1457E-04 (226, 4)	3.7567E-04 (226, 4)	3.4037E-04 (226, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MA*3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.9549E-04 DIRECTION= 24 DISTANCE= 4.5 KM DAY=286

YEAR= 74

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	7.4760E-05 (242)	6.4808E-05 (242)	6.0238E-05 (228)	5.5986E-05 (228)	5.3377E-05 (203)
2	7.9342E-05 (127)	8.5208E-05 (127)	8.5268E-05 (127)	7.8863E-05 (207)	7.0576E-05 (207)
3	7.3788E-05 (166)	7.0158E-05 (166)	6.4795E-05 (207)	5.7478E-05 (103)	5.4262E-05 (103)
4	8.1344E-05 (90)	8.9904E-05 (90)	9.2359E-05 (90)	9.1442E-05 (90)	8.8786E-05 (90)
5	8.5919E-05 (234)	8.3758E-05 (157)	8.9196E-05 (158)	8.0361E-05 (158)	7.3660E-05 (229)
6	1.2013E-04 (129)	1.1017E-04 (129)	9.7767E-05 (129)	8.5669E-05 (129)	7.5736E-05 (86)
7	1.1100E-04 (200)	1.0664E-04 (200)	9.8452E-05 (200)	9.0794E-05 (7)	8.6417E-05 (7)
8	1.1410E-04 (196)	1.0610E-04 (196)	9.6973E-05 (315)	9.8897E-05 (315)	9.4526E-05 (148)
9	1.5848E-04 (173)	1.7097E-04 (230)	1.7794E-04 (230)	1.7519E-04 (230)	1.6736E-04 (230)
10	1.1642E-04 (231)	1.2746E-04 (231)	1.2710E-04 (231)	1.2078E-04 (231)	1.1198E-04 (231)
11	9.5393E-05 (192)	1.1243E-04 (192)	1.1960E-04 (192)	1.2000E-04 (192)	1.1635E-04 (192)
12	6.5062E-05 (200)	7.4490E-05 (200)	7.7480E-05 (200)	7.6382E-05 (200)	7.3031E-05 (200)
13	5.0581E-05 (211)	4.4020E-05 (211)	3.9050E-05 (211)	3.8269E-05 (222)	3.8615E-05 (222)
14	3.0823E-05 (211)	3.1903E-05 (222)	3.6554E-05 (222)	3.8373E-05 (222)	3.8288E-05 (222)
15	3.8881E-05 (99)	4.1143E-05 (265)	3.7589E-05 (364)	3.8182E-05 (96)	3.9092E-05 (96)
16	6.5947E-05 (338)	7.2754E-05 (291)	7.6626E-05 (338)	7.6799E-05 (338)	7.5431E-05 (338)
17	6.1846E-05 (282)	6.0401E-05 (282)	5.5421E-05 (282)	4.9496E-05 (282)	4.8620E-05 (317)
18	7.1297E-05 (108)	6.8345E-05 (108)	6.9581E-05 (332)	6.9553E-05 (332)	6.7221E-05 (332)
19	5.0926E-05 (122)	5.5324E-05 (332)	5.5902E-05 (311)	5.8641E-05 (332)	5.6389E-05 (332)
20	6.5481E-05 (311)	7.1589E-05 (281)	7.5099E-05 (281)	7.4523E-05 (281)	7.1653E-05 (281)
21	7.5190E-05 (264)	8.2381E-05 (264)	8.4992E-05 (264)	8.7763E-05 (263)	8.1118E-05 (264)
22	7.3095E-05 (171)	7.1598E-05 (169)	6.7889E-05 (169)	6.4758E-05 (344)	6.5924E-05 (344)
23	8.5064E-05 (306)	9.5709E-05 (306)	9.8824E-05 (306)	9.7211E-05 (306)	9.3049E-05 (306)
24	1.2565E-04 (284)	1.6821E-04 (284)	1.9496E-04 (284)	1.9549E-04 (286)	1.8780E-04 (286)
25	1.2219E-04 (305)	1.2287E-04 (286)	1.2317E-04 (110)	1.1993E-04 (110)	1.1437E-04 (110)
26	1.4215E-04 (110)	1.4069E-04 (110)	1.3761E-04 (110)	1.2991E-04 (305)	1.2126E-04 (305)
27	1.3914E-04 (110)	1.3221E-04 (110)	1.2193E-04 (110)	1.1673E-04 (116)	1.0462E-04 (116)
28	9.6210E-05 (236)	1.0953E-04 (116)	9.6177E-05 (116)	8.4547E-05 (2)	8.8166E-05 (2)
29	1.1437E-04 (221)	1.0408E-04 (221)	9.4909E-05 (221)	8.7770E-05 (225)	8.8907E-05 (225)
30	8.0266E-05 (240)	8.7236E-05 (67)	8.7055E-05 (67)	8.3266E-05 (67)	7.7836E-05 (67)
31	9.0616E-05 (237)	9.1543E-05 (219)	1.0030E-04 (219)	1.0334E-04 (215)	1.0293E-04 (219)
32	9.1186E-05 (187)	1.1357E-04 (65)	1.1092E-04 (241)	1.0139E-04 (241)	9.2608E-05 (241)
33	1.0361E-04 (97)	9.8784E-05 (226)	9.1686E-05 (97)	8.4984E-05 (63)	8.2276E-05 (63)
34	9.1434E-05 (199)	8.6892E-05 (199)	8.3040E-05 (236)	7.7242E-05 (236)	7.0792E-05 (236)
35	8.8349E-05 (159)	7.6148E-05 (159)	6.4423E-05 (159)	6.2299E-05 (164)	5.9358E-05 (164)
36	6.2090E-05 (221)	6.3342E-05 (210)	6.6567E-05 (359)	6.7556E-05 (210)	6.7169E-05 (210)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 9.1497E-04 DIRECTION= 29 DISTANCE= 3.0 KM DAY=221 TIME PERIOD= 4

YEAR= 74

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	4.8845E-04 (228, 4)	5.0557E-04 (161, 4)	4.8191E-04 (228, 4)	4.4789E-04 (228, 4)	4.1260E-04 (228, 4)
2	5.3514E-04 (310, 4)	5.0773E-04 (310, 4)	4.8235E-04 (324, 4)	4.7420E-04 (207, 5)	4.3237E-04 (207, 5)
3	4.5414E-04 (207, 4)	4.4613E-04 (103, 5)	4.5549E-04 (103, 5)	4.4185E-04 (103, 5)	4.1683E-04 (103, 5)
4	6.2244E-04 (229, 4)	6.1564E-04 (229, 4)	5.8404E-04 (229, 4)	5.4325E-04 (229, 4)	5.0151E-04 (229, 4)
5	5.9831E-04 (188, 4)	5.8378E-04 (188, 4)	5.4203E-04 (188, 4)	4.9493E-04 (188, 4)	4.5147E-04 (188, 4)
6	6.3867E-04 (151, 5)	6.0054E-04 (188, 4)	5.8666E-04 (200, 4)	5.4147E-04 (9, 5)	5.5190E-04 (9, 5)
7	5.9529E-04 (226, 5)	5.6784E-04 (205, 5)	4.9076E-04 (205, 5)	4.9008E-04 (146, 4)	4.7894E-04 (146, 4)
8	6.5495E-04 (196, 4)	5.9383E-04 (196, 4)	5.4371E-04 (161, 4)	5.5063E-04 (315, 5)	5.2984E-04 (145, 4)
9	7.1644E-04 (151, 4)	7.3750E-04 (230, 4)	7.7531E-04 (230, 4)	7.6824E-04 (230, 4)	7.3648E-04 (230, 4)
10	5.5000E-04 (211, 5)	5.5615E-04 (211, 5)	5.5815E-04 (211, 5)	5.6803E-04 (173, 6)	5.7403E-04 (173, 6)
11	5.1102E-04 (223, 4)	4.8176E-04 (200, 5)	4.8094E-04 (192, 3)	5.1518E-04 (192, 3)	5.2304E-04 (192, 3)
12	3.5240E-04 (133, 5)	3.9553E-04 (167, 5)	3.5505E-04 (167, 5)	3.6012E-04 (167, 3)	3.6479E-04 (167, 3)
13	3.2985E-04 (237, 5)	3.0366E-04 (167, 3)	2.9809E-04 (167, 3)	2.8746E-04 (167, 3)	2.8362E-04 (257, 6)
14	2.4576E-04 (211, 4)	2.2755E-04 (99, 4)	2.4559E-04 (99, 4)	2.5297E-04 (226, 6)	2.4724E-04 (99, 5)
15	3.0128E-04 (364, 5)	3.1341E-04 (364, 5)	2.9565E-04 (265, 5)	2.8053E-04 (197, 4)	2.9976E-04 (197, 4)
16	3.4920E-04 (282, 4)	3.1824E-04 (282, 4)	2.9895E-04 (54, 5)	3.4821E-04 (54, 5)	3.2477E-04 (338, 5)
17	3.2779E-04 (41, 5)	3.4526E-04 (338, 4)	3.4006E-04 (234, 4)	3.6652E-04 (317, 5)	3.8855E-04 (317, 5)
18	3.5697E-04 (211, 4)	4.2257E-04 (332, 4)	4.5004E-04 (332, 4)	4.4986E-04 (332, 4)	4.3391E-04 (332, 4)
19	2.8116E-04 (108, 5)	3.3915E-04 (364, 5)	3.9598E-04 (364, 5)	3.9356E-04 (122, 3)	4.1577E-04 (291, 4)
20	4.4555E-04 (282, 4)	4.4938E-04 (282, 4)	4.3158E-04 (282, 4)	4.1568E-04 (282, 5)	4.1815E-04 (282, 5)
21	4.8608E-04 (264, 5)	4.9110E-04 (311, 4)	5.3169E-04 (263, 5)	5.3920E-04 (281, 4)	5.1372E-04 (54, 4)
22	3.8857E-04 (344, 4)	4.5256E-04 (344, 4)	4.9443E-04 (344, 4)	5.1752E-04 (344, 4)	5.2613E-04 (344, 4)
23	4.6752E-04 (171, 6)	4.6944E-04 (339, 4)	4.8572E-04 (171, 6)	4.6554E-04 (171, 6)	4.4671E-04 (257, 4)
24	6.3241E-04 (286, 5)	6.9411E-04 (306, 4)	7.1470E-04 (284, 4)	7.2748E-04 (284, 4)	7.1237E-04 (284, 4)
25	6.8736E-04 (110, 5)	6.4594E-04 (286, 5)	5.8971E-04 (239, 4)	5.5134E-04 (305, 4)	5.1948E-04 (305, 4)
26	5.6464E-04 (110, 4)	4.9209E-04 (239, 4)	4.4793E-04 (239, 4)	4.1573E-04 (109, 4)	3.9910E-04 (303, 4)
27	6.7428E-04 (170, 4)	6.7342E-04 (170, 4)	6.3815E-04 (170, 4)	5.9168E-04 (170, 4)	5.1808E-04 (110, 4)
28	4.5193E-04 (165, 4)	4.5094E-04 (165, 4)	4.2705E-04 (165, 4)	4.5693E-04 (204, 3)	4.7030E-04 (204, 3)
29	9.1497E-04 (221, 4)	8.3265E-04 (221, 4)	7.5927E-04 (221, 4)	6.9484E-04 (221, 4)	6.3854E-04 (221, 4)
30	5.9840E-04 (221, 4)	5.4160E-04 (238, 4)	5.2418E-04 (66, 4)	4.9695E-04 (66, 4)	4.6215E-04 (66, 4)
31	5.7976E-04 (243, 4)	5.3218E-04 (243, 4)	5.4373E-04 (136, 4)	5.0500E-04 (219, 4)	4.9899E-04 (219, 4)
32	6.7481E-04 (64, 4)	7.0685E-04 (187, 4)	6.8355E-04 (64, 4)	6.4558E-04 (64, 4)	6.0732E-04 (187, 4)
33	6.5821E-04 (97, 5)	5.8386E-04 (97, 5)	5.7236E-04 (62, 4)	5.8398E-04 (62, 4)	5.5182E-04 (226, 4)
34	6.4173E-04 (226, 4)	6.1722E-04 (159, 4)	5.8370E-04 (199, 4)	5.1109E-04 (199, 4)	4.4649E-04 (199, 4)
35	4.9757E-04 (230, 5)	4.6522E-04 (221, 3)	4.4210E-04 (321, 5)	4.2704E-04 (242, 4)	4.0610E-04 (242, 4)
36	4.3916E-04 (161, 4)	4.4445E-04 (93, 4)	5.3216E-04 (210, 4)	5.4045E-04 (210, 4)	5.3735E-04 (210, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.5486E-04 DIRECTION= 27 DISTANCE= 3.0 KM DAY=248

YEAR= 75

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	8.0349E-05 (120)	6.8757E-05 (120)	6.6687E-05 (82)	6.3930E-05 (43)	6.2541E-05 (43)
2	1.1118E-04 (92)	1.0614E-04 (92)	1.0125E-04 (91)	9.7709E-05 (91)	9.6979E-05 (19)
3	9.9458E-05 (118)	1.1071E-04 (118)	1.1212E-04 (118)	1.0802E-04 (118)	1.0131E-04 (118)
4	9.6818E-05 (122)	9.4508E-05 (161)	9.5097E-05 (24)	9.5277E-05 (24)	9.2101E-05 (24)
5	1.1651E-04 (137)	1.2497E-04 (161)	1.1401E-04 (161)	1.0264E-04 (161)	9.1995E-05 (161)
6	1.0111E-04 (146)	8.9929E-05 (146)	8.0726E-05 (181)	7.4389E-05 (181)	6.8527E-05 (181)
7	1.2787E-04 (178)	1.1515E-04 (178)	1.0652E-04 (167)	9.6229E-05 (167)	8.6479E-05 (167)
8	1.3155E-04 (185)	1.2309E-04 (185)	1.1205E-04 (185)	1.0077E-04 (185)	9.0286E-05 (185)
9	1.5083E-04 (179)	1.4217E-04 (179)	1.4013E-04 (189)	1.3581E-04 (189)	1.2894E-04 (189)
10	1.1275E-04 (179)	1.0206E-04 (179)	9.3246E-05 (156)	8.7236E-05 (156)	8.0073E-05 (166)
11	7.2680E-05 (206)	7.3203E-05 (166)	7.0690E-05 (170)	7.0689E-05 (170)	6.8172E-05 (170)
12	5.1622E-05 (231)	5.1032E-05 (231)	5.2774E-05 (224)	5.6838E-05 (224)	5.8231E-05 (224)
13	9.4890E-05 (226)	9.0085E-05 (226)	8.6659E-05 (230)	8.6296E-05 (230)	8.3822E-05 (230)
14	7.4753E-05 (328)	8.0310E-05 (328)	7.7164E-05 (244)	7.1450E-05 (244)	6.5677E-05 (244)
15	5.7244E-05 (177)	5.0059E-05 (177)	4.4579E-05 (177)	4.9320E-05 (243)	5.0243E-05 (226)
16	6.7133E-05 (95)	6.8355E-05 (95)	6.4665E-05 (244)	5.8386E-05 (244)	5.2789E-05 (244)
17	5.9624E-05 (105)	6.8129E-05 (105)	7.0455E-05 (105)	6.9056E-05 (105)	6.5700E-05 (105)
18	5.0275E-05 (143)	5.3888E-05 (96)	5.6863E-05 (96)	5.7046E-05 (361)	5.5382E-05 (361)
19	4.3874E-05 (94)	4.3580E-05 (94)	4.2157E-05 (94)	4.0574E-05 (94)	3.9267E-05 (94)
20	7.4785E-05 (293)	7.5829E-05 (106)	8.0864E-05 (256)	8.8537E-05 (256)	9.0544E-05 (256)
21	7.4408E-05 (14)	8.4405E-05 (14)	9.1239E-05 (303)	9.2583E-05 (303)	8.9691E-05 (64)
22	9.2747E-05 (176)	9.4249E-05 (176)	9.5376E-05 (176)	9.5615E-05 (176)	9.4941E-05 (176)
23	8.0498E-05 (175)	8.9920E-05 (175)	9.2247E-05 (175)	9.0488E-05 (175)	8.6627E-05 (175)
24	6.3329E-05 (142)	7.0266E-05 (236)	7.0924E-05 (285)	7.3610E-05 (285)	7.2874E-05 (285)
25	8.4899E-05 (97)	8.6199E-05 (142)	8.9969E-05 (142)	8.9553E-05 (142)	8.6716E-05 (142)
26	1.0932E-04 (74)	1.2948E-04 (253)	1.3279E-04 (247)	1.2235E-04 (247)	1.1159E-04 (247)
27	1.5486E-04 (248)	1.5396E-04 (248)	1.4642E-04 (248)	1.3687E-04 (74)	1.3408E-04 (345)
28	1.0998E-04 (250)	1.0907E-04 (250)	9.5929E-05 (212)	9.4458E-05 (250)	8.8314E-05 (330)
29	8.8873E-05 (250)	8.2158E-05 (250)	8.1009E-05 (251)	7.8372E-05 (251)	7.4019E-05 (251)
30	9.9232E-05 (219)	1.0415E-04 (219)	1.0106E-04 (217)	9.2517E-05 (217)	9.3083E-05 (172)
31	6.1307E-05 (114)	5.9057E-05 (35)	6.5686E-05 (222)	6.9383E-05 (222)	7.0655E-05 (222)
32	8.5082E-05 (258)	8.6552E-05 (108)	9.3533E-05 (108)	9.5173E-05 (108)	9.3468E-05 (108)
33	8.3746E-05 (242)	8.1496E-05 (222)	8.4296E-05 (216)	8.2075E-05 (198)	7.9151E-05 (198)
34	9.2002E-05 (216)	8.9062E-05 (216)	8.1963E-05 (216)	7.4128E-05 (249)	7.1275E-05 (114)
35	7.1702E-05 (147)	6.7103E-05 (169)	6.8385E-05 (169)	6.6390E-05 (169)	6.5605E-05 (334)
36	5.9690E-05 (249)	6.0679E-05 (249)	6.8589E-05 (331)	7.2036E-05 (331)	7.4452E-05 (201)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 7.2463E-04 DIRECTION= 9 DISTANCE= 3.0 KM DAY=166 TIME PERIOD= 5

YEAR= 75

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	6.4279E-04 (120, 4)	5.5006E-04 (120, 4)	5.3326E-04 (82, 4)	4.8946E-04 (99, 5)	4.2454E-04 (99, 5)
2	5.6854E-04 (24, 4)	6.0849E-04 (91, 5)	6.1638E-04 (91, 5)	5.9475E-04 (91, 5)	5.5896E-04 (91, 5)
3	6.1114E-04 (216, 5)	6.0015E-04 (203, 4)	5.4225E-04 (203, 4)	5.4409E-04 (100, 5)	5.2601E-04 (216, 5)
4	5.2065E-04 (109, 5)	5.8116E-04 (203, 4)	5.1878E-04 (203, 4)	5.0807E-04 (130, 5)	4.8743E-04 (130, 5)
5	6.5474E-04 (132, 4)	5.6127E-04 (132, 4)	5.1392E-04 (229, 4)	5.5711E-04 (229, 4)	5.3516E-04 (186, 3)
6	6.8796E-04 (146, 4)	6.1184E-04 (146, 4)	5.2883E-04 (146, 4)	4.5342E-04 (146, 4)	4.1083E-04 (167, 3)
7	6.3987E-04 (181, 5)	6.0596E-04 (80, 5)	6.5340E-04 (80, 5)	6.5900E-04 (80, 5)	6.3984E-04 (80, 5)
8	6.0049E-04 (230, 4)	5.4888E-04 (185, 4)	4.9229E-04 (65, 5)	4.7584E-04 (65, 5)	4.6839E-04 (31, 5)
9	7.2463E-04 (166, 5)	7.0229E-04 (225, 4)	6.5030E-04 (227, 5)	5.8828E-04 (125, 4)	5.8299E-04 (125, 4)
10	5.7837E-04 (200, 4)	5.3309E-04 (328, 4)	4.8292E-04 (328, 4)	4.5335E-04 (44, 4)	4.6392E-04 (44, 4)
11	5.2718E-04 (243, 4)	4.6051E-04 (126, 5)	4.4043E-04 (126, 5)	4.1045E-04 (126, 5)	3.7715E-04 (126, 5)
12	3.5619E-04 (140, 6)	3.8239E-04 (140, 6)	3.8203E-04 (140, 6)	3.6724E-04 (140, 6)	3.4587E-04 (140, 6)
13	4.2474E-04 (226, 4)	4.1864E-04 (226, 4)	3.8886E-04 (226, 4)	3.5433E-04 (226, 4)	3.3811E-04 (291, 4)
14	4.7662E-04 (244, 5)	4.8552E-04 (244, 5)	4.6539E-04 (244, 5)	4.3526E-04 (244, 5)	4.0352E-04 (244, 5)
15	3.5053E-04 (297, 4)	3.2486E-04 (134, 4)	3.2942E-04 (243, 5)	3.2201E-04 (177, 4)	2.9396E-04 (177, 4)
16	3.3762E-04 (244, 5)	3.2626E-04 (65, 4)	3.1449E-04 (105, 4)	3.0162E-04 (105, 4)	3.0600E-04 (62, 5)
17	4.3218E-04 (105, 5)	4.4115E-04 (95, 4)	4.2033E-04 (95, 4)	3.9510E-04 (95, 4)	3.8220E-04 (328, 4)
18	3.2540E-04 (95, 4)	3.4124E-04 (143, 6)	3.2744E-04 (185, 4)	3.3301E-04 (185, 4)	3.2909E-04 (185, 4)
19	3.4382E-04 (94, 4)	3.4022E-04 (94, 4)	3.2497E-04 (94, 4)	3.0514E-04 (94, 4)	2.8436E-04 (94, 4)
20	5.2047E-04 (206, 4)	5.1742E-04 (206, 4)	4.8671E-04 (256, 4)	4.4667E-04 (228, 6)	4.1606E-04 (94, 4)
21	5.5100E-04 (56, 4)	5.8906E-04 (56, 4)	5.8783E-04 (56, 4)	5.6664E-04 (56, 4)	5.3683E-04 (56, 4)
22	4.6398E-04 (141, 4)	4.6987E-04 (141, 4)	4.5638E-04 (116, 3)	4.6467E-04 (116, 3)	4.5175E-04 (116, 3)
23	5.0757E-04 (85, 5)	6.0146E-04 (85, 5)	6.3659E-04 (85, 5)	6.3364E-04 (85, 5)	6.0922E-04 (85, 5)
24	4.8238E-04 (247, 5)	4.3900E-04 (247, 5)	4.1840E-04 (285, 5)	4.3303E-04 (175, 4)	4.2809E-04 (285, 5)
25	6.5289E-04 (116, 4)	5.6783E-04 (116, 4)	5.0314E-04 (116, 4)	5.1294E-04 (276, 4)	5.1127E-04 (276, 4)
26	6.4419E-04 (247, 4)	5.7488E-04 (247, 4)	5.2625E-04 (116, 4)	5.1717E-04 (286, 5)	4.9228E-04 (16, 4)
27	6.0601E-04 (248, 5)	5.7669E-04 (74, 4)	5.6913E-04 (284, 4)	5.6629E-04 (322, 5)	5.4672E-04 (247, 4)
28	4.7105E-04 (286, 4)	5.0308E-04 (212, 3)	5.0393E-04 (86, 5)	5.2153E-04 (86, 5)	5.1653E-04 (86, 5)
29	5.0056E-04 (132, 3)	4.3813E-04 (217, 4)	4.2450E-04 (217, 3)	4.8086E-04 (217, 3)	5.1149E-04 (132, 3)
30	6.4122E-04 (219, 4)	6.2335E-04 (219, 4)	6.2709E-04 (217, 4)	6.5539E-04 (162, 3)	6.6615E-04 (162, 3)
31	4.4641E-04 (35, 4)	4.7245E-04 (35, 4)	4.8794E-04 (222, 5)	5.1226E-04 (340, 5)	5.1552E-04 (168, 3)
32	5.3634E-04 (242, 4)	4.9409E-04 (245, 3)	5.4858E-04 (130, 4)	5.7931E-04 (130, 4)	5.8101E-04 (130, 4)
33	6.6217E-04 (170, 4)	6.1411E-04 (274, 4)	5.7036E-04 (218, 4)	5.1972E-04 (218, 4)	5.1692E-04 (28, 4)
34	6.4025E-04 (216, 4)	5.9355E-04 (216, 4)	5.2826E-04 (216, 4)	4.6503E-04 (216, 4)	4.5338E-04 (114, 5)
35	4.0254E-04 (260, 4)	3.7911E-04 (260, 4)	3.4945E-04 (260, 4)	3.2507E-04 (136, 4)	3.3087E-04 (136, 4)
36	4.2558E-04 (205, 4)	4.2292E-04 (205, 4)	4.7978E-04 (9, 4)	5.3598E-04 (9, 4)	5.3134E-04 (202, 4)

COMPOSITE HIGHEST,SECOND-HIGHEST 24-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	80	98	107	102	95
2	111	106	105	106	104
3	99	111	112	108	101
4	97	95	95	95	92
5	130	129	128	116	107
6	124	122	119	115	111
7	141	137	131	123	112
8	151	141	128	115	111
9	179	176	178	176	174
10	154	145	135	133	128
11	95	112	120	120	116
12	84	100	104	90	79
13	98	91	87	86	84
14	75	80	77	71	66
15	62	63	67	70	70
16	68	78	81	77	75
17	73	68	70	69	66
18	73	76	79	78	75
19	55	59	61	62	62
20	80	80	81	89	91
21	118	109	112	115	114
22	93	94	95	96	95
23	108	99	99	97	93
24	126	168	195	195	188
25	122	123	123	120	114
26	142	141	138	135	139
27	155	154	146	137	134
28	110	117	116	112	106
29	114	110	105	106	102
30	99	104	101	98	99
31	97	92	100	103	103
32	109	114	111	101	93
33	117	108	108	109	105
34	96	112	108	102	94
35	104	96	86	76	67
36	113.	103.	91.	81.	74.

COMPOSITE HIGHEST, SECOND-HIGHEST 3-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	643.	550.	533.	506.	473.
2	569.	608.	616.	595.	559.
3	630.	600.	542.	544.	526.
4	622.	616.	584.	543.	502.
5	661.	728.	692.	633.	582.
6	688.	612.	656.	649.	625.
7	685.	698.	669.	659.	640.
8	873.	839.	775.	707.	643.
9	925.	905.	846.	788.	760.
10	755.	730.	702.	651.	601.
11	527.	542.	575.	523.	523.
12	433.	530.	515.	447.	401.
13	481.	542.	555.	540.	511.
14	477.	486.	480.	491.	464.
15	395.	454.	484.	474.	443.
16	382.	467.	498.	483.	460.
17	432.	463.	504.	505.	485.
18	463.	487.	453.	465.	471.
19	377.	440.	456.	422.	416.
20	520.	517.	487.	447.	429.
21	551.	589.	588.	567.	537.
22	678.	645.	566.	532.	526.
23	548.	601.	637.	634.	609.
24	632.	694.	715.	727.	712.
25	687.	648.	656.	624.	585.
26	644.	575.	590.	623.	629.
27	674.	673.	638.	592.	547.
28	674.	627.	581.	578.	559.
29	915.	833.	759.	695.	639.
30	641.	623.	627.	655.	666.
31	580.	538.	544.	562.	566.
32	675.	707.	684.	646.	607.
33	662.	656.	655.	654.	630.
34	642.	617.	604.	625.	641.
35	686.	596.	507.	431.	406.
36	671.	619.	556.	540.	537.

RING DISTANCES(KM)= 5.50 6.00 7.00 20.80 53.20

STACK # 1--TECO 1 100% 35T/H SO2
STACK # 2--TECO 3 100% 35T/H SO2

STACK	MONTH	EMISSION RATE (GMS/SEC)	HEIGHT (METERS)	DIAMETER (METERS)	EXIT VELOCITY (M/SEC)	TEMP (DEG.K)	VOLUMETRIC FLOW (MAA3/SEC)
1	ALL	2931.0500	149.40	7.32	14.30	422.00	601.79
2	ALL	2987.6799	149.40	7.32	14.40	417.00	606.00

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.3376E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=256

YEAR= 71

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	5.6320E-05 (113)	5.4001E-05 (229)	4.6713E-05 (239)	4.1365E-05 (38)	2.1925E-05 (113)
2	9.0999E-05 (331)	8.5922E-05 (331)	7.5951E-05 (331)	5.2361E-05 (30)	2.5474E-05 (61)
3	7.7389E-05 (205)	7.1776E-05 (205)	6.1563E-05 (205)	2.7813E-05 (354)	1.7902E-05 (111)
4	7.0543E-05 (127)	6.7153E-05 (127)	5.9163E-05 (127)	2.0323E-05 (114)	1.2023E-05 (180)
5	6.6944E-05 (219)	6.3952E-05 (219)	5.8293E-05 (211)	2.6373E-05 (205)	1.8627E-05 (92)
6	6.1542E-05 (224)	6.0762E-05 (224)	5.7213E-05 (224)	5.3714E-05 (114)	2.4530E-05 (118)
7	8.9196E-05 (224)	8.5513E-05 (224)	7.7152E-05 (224)	2.9291E-05 (201)	1.7024E-05 (117)
8	7.5269E-05 (139)	6.9026E-05 (139)	6.2592E-05 (256)	3.5676E-05 (167)	1.9886E-05 (256)
9	1.3376E-04 (256)	1.2883E-04 (256)	1.1696E-04 (256)	7.2650E-05 (167)	3.4993E-05 (167)
10	9.5152E-05 (11)	8.8537E-05 (11)	7.8743E-05 (161)	4.8220E-05 (195)	2.6043E-05 (195)
11	6.8971E-05 (196)	6.5039E-05 (183)	5.6389E-05 (197)	3.7349E-05 (44)	1.6647E-05 (325)
12	6.9830E-05 (198)	6.2340E-05 (198)	5.6632E-05 (123)	4.9987E-05 (123)	2.3018E-05 (44)
13	6.8119E-05 (198)	6.1969E-05 (198)	5.3085E-05 (123)	2.8959E-05 (141)	1.9238E-05 (220)
14	5.6879E-05 (222)	5.3041E-05 (199)	4.7743E-05 (199)	3.4345E-05 (63)	1.8277E-05 (19)
15	6.7370E-05 (221)	6.4147E-05 (221)	5.6635E-05 (221)	3.9706E-05 (121)	1.9656E-05 (299)
16	6.2223E-05 (124)	5.9471E-05 (124)	5.4363E-05 (222)	3.4946E-05 (121)	1.9655E-05 (89)
17	4.9793E-05 (162)	4.8303E-05 (181)	4.6898E-05 (317)	2.5976E-05 (19)	1.1424E-05 (67)
18	5.9303E-05 (316)	5.6476E-05 (316)	5.0258E-05 (124)	3.0158E-05 (89)	1.7580E-05 (89)
19	4.3851E-05 (99)	4.2045E-05 (20)	4.0080E-05 (275)	3.6394E-05 (67)	1.9575E-05 (314)
20	4.5398E-05 (334)	4.4836E-05 (334)	4.0882E-05 (334)	2.6306E-05 (41)	1.4853E-05 (329)
21	8.1046E-05 (334)	7.9786E-05 (329)	7.4178E-05 (329)	4.5995E-05 (356)	2.6243E-05 (356)
22	6.1042E-05 (47)	5.7241E-05 (47)	5.1730E-05 (47)	4.6208E-05 (356)	2.4715E-05 (301)
23	7.0622E-05 (272)	6.6385E-05 (272)	6.1198E-05 (271)	6.7374E-05 (292)	3.2603E-05 (292)
24	8.2180E-05 (156)	7.4627E-05 (156)	7.0924E-05 (311)	5.6181E-05 (319)	4.0732E-05 (319)
25	7.1613E-05 (285)	6.7448E-05 (285)	5.9599E-05 (285)	3.9939E-05 (156)	2.4318E-05 (156)
26	7.3517E-05 (267)	6.9458E-05 (267)	6.0537E-05 (267)	5.4594E-05 (33)	2.6807E-05 (33)
27	1.1355E-04 (190)	1.0771E-04 (190)	9.3255E-05 (101)	5.0344E-05 (49)	2.7644E-05 (101)
28	9.9664E-05 (101)	9.2959E-05 (101)	8.0683E-05 (101)	3.9584E-05 (327)	2.4418E-05 (244)
29	9.0094E-05 (214)	8.6315E-05 (214)	7.7639E-05 (214)	4.5224E-05 (188)	2.6208E-05 (231)
30	8.8222E-05 (210)	8.5001E-05 (210)	7.7217E-05 (210)	4.7846E-05 (3)	3.6552E-05 (353)
31	6.7304E-05 (182)	6.4259E-05 (182)	5.7800E-05 (346)	3.7756E-05 (242)	2.4492E-05 (261)
32	7.0744E-05 (2)	6.6078E-05 (2)	5.8055E-05 (2)	2.8292E-05 (345)	1.5804E-05 (132)
33	1.0210E-04 (363)	9.7925E-05 (363)	8.7741E-05 (363)	5.1376E-05 (332)	3.0920E-05 (205)
34	8.6618E-05 (259)	7.9624E-05 (259)	7.2409E-05 (200)	2.6684E-05 (200)	1.9691E-05 (59)
35	5.9336E-05 (229)	5.4839E-05 (229)	4.7356E-05 (260)	1.8561E-05 (252)	1.6174E-05 (255)
36	6.6363E-05 (260)	6.5600E-05 (179)	6.2554E-05 (179)	4.2521E-05 (228)	3.1659E-05 (228)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 6.4152E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=256 TIME PERIOD= 4

YEAR= 71

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	2.9908E-04 (341, 4)	3.2692E-04 (239, 4)	3.2274E-04 (92, 4)	2.1113E-04 (239, 4)	1.0858E-04 (38, 5)
2	4.9104E-04 (297, 4)	4.6954E-04 (297, 4)	4.2136E-04 (297, 4)	1.9373E-04 (30, 6)	9.5759E-05 (53, 6)
3	4.4447E-04 (331, 4)	4.2479E-04 (331, 4)	3.7764E-04 (331, 4)	1.5456E-04 (88, 4)	9.5192E-05 (112, 2)
4	4.4915E-04 (131, 4)	4.2094E-04 (131, 4)	3.6199E-04 (131, 4)	1.4597E-04 (85, 4)	7.4057E-05 (116, 1)
5	4.6421E-04 (178, 3)	4.6782E-04 (205, 6)	4.4076E-04 (178, 3)	1.5897E-04 (205, 6)	8.6934E-05 (118, 8)
6	4.2880E-04 (224, 4)	4.1905E-04 (159, 4)	3.6635E-04 (159, 4)	1.5259E-04 (224, 4)	1.1612E-04 (60, 7)
7	4.9873E-04 (229, 6)	4.9766E-04 (229, 6)	4.6909E-04 (224, 4)	1.9139E-04 (229, 6)	8.3463E-05 (229, 6)
8	5.5892E-04 (232, 5)	5.3720E-04 (232, 5)	4.7982E-04 (232, 5)	1.3624E-04 (256, 6)	9.3026E-05 (344, 6)
9	6.4152E-04 (256, 4)	6.1117E-04 (256, 4)	5.4322E-04 (256, 4)	2.3922E-04 (200, 6)	1.2900E-04 (229, 7)
10	5.3114E-04 (204, 5)	5.0163E-04 (298, 4)	4.7011E-04 (298, 4)	2.2587E-04 (172, 8)	1.0865E-04 (172, 8)
11	3.6623E-04 (192, 5)	3.3324E-04 (192, 5)	2.7636E-04 (192, 5)	1.5356E-04 (183, 3)	8.4654E-05 (346, 6)
12	3.8798E-04 (317, 4)	3.6952E-04 (317, 4)	3.8341E-04 (220, 3)	1.7357E-04 (39, 6)	9.4070E-05 (220, 3)
13	3.7258E-04 (136, 4)	3.4806E-04 (136, 4)	2.9942E-04 (136, 4)	1.4069E-04 (79, 1)	8.6857E-05 (200, 7)
14	4.3930E-04 (199, 6)	4.2433E-04 (199, 6)	3.8194E-04 (199, 6)	1.3837E-04 (136, 2)	8.7704E-05 (136, 2)
15	4.1487E-04 (222, 5)	3.8468E-04 (222, 5)	3.2665E-04 (222, 5)	1.6689E-04 (96, 3)	9.6834E-05 (10, 1)
16	4.3388E-04 (169, 4)	4.0689E-04 (169, 4)	3.5634E-04 (169, 4)	1.6941E-04 (89, 4)	1.1283E-04 (76, 7)
17	3.6198E-04 (181, 6)	3.7473E-04 (162, 4)	3.2970E-04 (162, 4)	1.4508E-04 (136, 3)	7.9174E-05 (308, 1)
18	3.6784E-04 (275, 4)	3.5102E-04 (300, 4)	3.0814E-04 (300, 4)	1.7189E-04 (301, 4)	1.2316E-04 (226, 1)
19	3.5080E-04 (99, 4)	3.2476E-04 (99, 4)	2.8024E-04 (99, 4)	1.6366E-04 (338, 3)	9.1635E-05 (67, 3)
20	2.9070E-04 (99, 4)	2.7306E-04 (99, 4)	2.4304E-04 (334, 4)	1.6931E-04 (150, 3)	9.2316E-05 (357, 8)
21	4.2891E-04 (329, 4)	4.1355E-04 (329, 4)	3.7724E-04 (170, 3)	1.9031E-04 (55, 4)	1.1509E-04 (7, 3)
22	4.4227E-04 (142, 5)	4.0822E-04 (142, 5)	3.4488E-04 (142, 5)	1.6605E-04 (16, 5)	1.2287E-04 (301, 8)
23	4.6665E-04 (199, 3)	4.3699E-04 (199, 3)	3.9011E-04 (273, 4)	2.1432E-04 (309, 2)	1.0795E-04 (267, 3)
24	4.3507E-04 (258, 4)	4.0844E-04 (258, 4)	3.6930E-04 (264, 4)	1.9105E-04 (357, 5)	1.4662E-04 (310, 1)
25	4.9926E-04 (137, 4)	4.6786E-04 (137, 4)	4.0392E-04 (137, 4)	1.9553E-04 (94, 2)	1.1485E-04 (336, 6)
26	4.1496E-04 (360, 4)	3.8565E-04 (360, 4)	3.3418E-04 (318, 4)	1.8683E-04 (232, 4)	1.3160E-04 (336, 7)
27	4.9330E-04 (265, 4)	4.7475E-04 (265, 4)	4.3494E-04 (265, 4)	2.0370E-04 (265, 4)	1.1770E-04 (135, 1)
28	4.5815E-04 (101, 5)	4.1706E-04 (101, 5)	3.9530E-04 (233, 3)	2.0411E-04 (244, 6)	1.0825E-04 (244, 6)
29	5.6814E-04 (231, 4)	5.2403E-04 (231, 4)	4.5363E-04 (231, 4)	2.4875E-04 (3, 6)	1.2168E-04 (233, 4)
30	4.6724E-04 (182, 4)	4.3377E-04 (182, 4)	3.7906E-04 (182, 4)	1.9040E-04 (156, 8)	1.4899E-04 (253, 1)
31	4.5665E-04 (346, 4)	4.4974E-04 (346, 4)	4.1666E-04 (87, 4)	1.6139E-04 (346, 4)	1.0136E-04 (139, 2)
32	4.8790E-04 (139, 3)	4.5003E-04 (230, 4)	4.0459E-04 (184, 3)	1.7534E-04 (139, 3)	1.2345E-04 (328, 4)
33	5.9468E-04 (77, 5)	5.6711E-04 (185, 4)	5.4165E-04 (185, 4)	2.2720E-04 (185, 4)	1.2605E-04 (205, 2)
34	6.0555E-04 (187, 4)	5.6405E-04 (187, 4)	5.0870E-04 (206, 3)	2.0620E-04 (157, 8)	1.0363E-04 (59, 1)
35	3.1609E-04 (211, 4)	2.7680E-04 (234, 4)	2.4068E-04 (234, 4)	1.2686E-04 (260, 4)	1.2939E-04 (255, 8)
36	5.2661E-04 (179, 3)	5.2480E-04 (179, 3)	5.0043E-04 (179, 3)	2.0124E-04 (179, 3)	1.0352E-04 (58, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.6796E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=207

YEAR= 72

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	8.8507E-05 (113)	8.2139E-05 (113)	7.1018E-05 (113)	3.7507E-05 (38)	2.0989E-05 (38)
2	9.8832E-05 (57)	9.3290E-05 (57)	8.2271E-05 (57)	3.6554E-05 (5)	1.9846E-05 (5)
3	8.0469E-05 (57)	7.5065E-05 (57)	6.5780E-05 (105)	4.2189E-05 (129)	2.5668E-05 (89)
4	6.3146E-05 (136)	6.0707E-05 (159)	5.6875E-05 (159)	2.7108E-05 (319)	1.6016E-05 (98)
5	8.8738E-05 (261)	8.1372E-05 (261)	7.0256E-05 (292)	2.6130E-05 (172)	1.7038E-05 (312)
6	8.6442E-05 (261)	8.1475E-05 (261)	7.2649E-05 (261)	3.8514E-05 (85)	1.8581E-05 (239)
7	9.7879E-05 (309)	9.0386E-05 (309)	7.6999E-05 (309)	3.6486E-05 (172)	1.8638E-05 (99)
8	9.5745E-05 (53)	8.9079E-05 (53)	7.6928E-05 (53)	4.6997E-05 (172)	2.6267E-05 (180)
9	1.6796E-04 (207)	1.5787E-04 (242)	1.3870E-04 (242)	1.1679E-04 (173)	5.0871E-05 (173)
10	1.2120E-04 (181)	1.1386E-04 (181)	1.0006E-04 (181)	4.4650E-05 (124)	2.0405E-05 (181)
11	7.2488E-05 (131)	6.6557E-05 (131)	5.7913E-05 (143)	3.9764E-05 (143)	2.0695E-05 (143)
12	5.9655E-05 (231)	5.6217E-05 (231)	4.8911E-05 (231)	3.0462E-05 (184)	1.8979E-05 (331)
13	7.4653E-05 (303)	7.2355E-05 (303)	6.5673E-05 (303)	4.2566E-05 (91)	2.4094E-05 (361)
14	5.4029E-05 (194)	5.0228E-05 (194)	4.3759E-05 (194)	3.5510E-05 (281)	2.5962E-05 (142)
15	4.4646E-05 (146)	4.1385E-05 (194)	3.8570E-05 (362)	3.7774E-05 (44)	2.1393E-05 (44)
16	4.7017E-05 (322)	4.6116E-05 (322)	4.3502E-05 (322)	3.0244E-05 (325)	1.4930E-05 (325)
17	5.7761E-05 (45)	5.4037E-05 (45)	5.7007E-05 (326)	4.6333E-05 (351)	2.1948E-05 (351)
18	5.6057E-05 (45)	5.5054E-05 (147)	5.2877E-05 (147)	5.6453E-05 (328)	3.3840E-05 (326)
19	4.2167E-05 (231)	4.3822E-05 (208)	4.7959E-05 (208)	3.7335E-05 (16)	1.9360E-05 (16)
20	6.9157E-05 (83)	6.7902E-05 (336)	6.1602E-05 (336)	2.6477E-05 (40)	1.7241E-05 (327)
21	5.8756E-05 (336)	5.6133E-05 (336)	5.0948E-05 (336)	3.4885E-05 (92)	1.6943E-05 (16)
22	6.1733E-05 (86)	6.0132E-05 (86)	5.3557E-05 (288)	5.2668E-05 (66)	2.7810E-05 (329)
23	5.8364E-05 (279)	5.5514E-05 (279)	5.1888E-05 (117)	6.5836E-05 (117)	3.3982E-05 (353)
24	8.7005E-05 (267)	8.3629E-05 (267)	7.6566E-05 (288)	5.5086E-05 (100)	3.1994E-05 (353)
25	8.3600E-05 (157)	7.7373E-05 (157)	6.5790E-05 (157)	4.9843E-05 (156)	2.6921E-05 (156)
26	1.1880E-04 (265)	1.1177E-04 (265)	9.8316E-05 (265)	4.9950E-05 (203)	2.7506E-05 (66)
27	1.0230E-04 (207)	9.9381E-05 (207)	9.2343E-05 (207)	8.0224E-05 (268)	4.2975E-05 (167)
28	8.0356E-05 (339)	7.6411E-05 (339)	6.8100E-05 (168)	8.8424E-05 (121)	4.3124E-05 (121)
29	9.7084E-05 (101)	9.2615E-05 (101)	8.4316E-05 (101)	4.7102E-05 (127)	2.2508E-05 (119)
30	8.1661E-05 (185)	8.2495E-05 (228)	7.6162E-05 (228)	3.9299E-05 (185)	2.4009E-05 (102)
31	8.1443E-05 (241)	7.9890E-05 (241)	7.5041E-05 (332)	3.1628E-05 (241)	2.1289E-05 (308)
32	8.1947E-05 (61)	7.7186E-05 (61)	6.8077E-05 (61)	3.5614E-05 (120)	2.5856E-05 (1)
33	9.8224E-05 (12)	9.4425E-05 (12)	8.5224E-05 (12)	4.6148E-05 (12)	2.6770E-05 (301)
34	4.8614E-05 (308)	4.8152E-05 (308)	4.5041E-05 (54)	2.8025E-05 (161)	1.5975E-05 (2)
35	5.1753E-05 (87)	4.8893E-05 (87)	4.6369E-05 (307)	2.4657E-05 (319)	1.5736E-05 (13)
36	6.3208E-05 (341)	6.1310E-05 (341)	5.6338E-05 (341)	3.7544E-05 (301)	1.8899E-05 (357)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 6.9937E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=207 TIME PERIOD= 4

YEAR= 72

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	4.6595E-04 (341, 4)	4.4887E-04 (107, 4)	3.9006E-04 (107, 4)	2.0023E-04 (38, 2)	1.1024E-04 (330, 7)
2	5.0770E-04 (57, 4)	4.8023E-04 (57, 4)	4.1123E-04 (55, 5)	1.5932E-04 (5, 6)	8.8214E-05 (31, 2)
3	4.3686E-04 (149, 5)	4.1018E-04 (149, 5)	3.7987E-04 (57, 5)	1.7863E-04 (5, 5)	9.0224E-05 (319, 6)
4	4.8025E-04 (124, 3)	4.6362E-04 (98, 4)	4.2234E-04 (98, 4)	1.6468E-04 (245, 5)	7.6058E-05 (89, 2)
5	4.5631E-04 (211, 6)	4.4197E-04 (211, 6)	3.9960E-04 (211, 6)	1.6517E-04 (357, 5)	9.8060E-05 (55, 4)
6	4.9698E-04 (85, 4)	4.9086E-04 (359, 5)	4.5712E-04 (359, 5)	1.8107E-04 (96, 4)	1.2193E-04 (210, 7)
7	5.1031E-04 (138, 4)	4.9122E-04 (138, 4)	4.3701E-04 (138, 4)	1.6291E-04 (33, 2)	9.0435E-05 (33, 2)
8	5.3996E-04 (219, 3)	5.2211E-04 (219, 3)	4.6123E-04 (153, 4)	1.8064E-04 (219, 3)	1.0245E-04 (175, 7)
9	6.9937E-04 (207, 4)	6.5007E-04 (207, 4)	5.7980E-04 (207, 6)	2.1573E-04 (207, 4)	1.1242E-04 (152, 7)
10	5.5412E-04 (303, 4)	5.1819E-04 (215, 5)	4.6113E-04 (215, 5)	2.0276E-04 (209, 6)	8.8058E-05 (209, 6)
11	3.7347E-04 (222, 5)	3.4549E-04 (222, 5)	3.4307E-04 (239, 5)	1.8053E-04 (44, 6)	9.3807E-05 (97, 7)
12	3.6872E-04 (250, 4)	3.6226E-04 (245, 6)	3.4231E-04 (245, 6)	2.1354E-04 (258, 6)	1.0856E-04 (184, 4)
13	4.7656E-04 (146, 4)	4.4057E-04 (146, 4)	3.9540E-04 (184, 4)	1.4202E-04 (97, 4)	9.4406E-05 (91, 7)
14	4.3223E-04 (194, 3)	4.0183E-04 (194, 3)	3.5007E-04 (194, 3)	2.1937E-04 (281, 4)	1.2706E-04 (142, 3)
15	2.6859E-04 (109, 6)	2.5777E-04 (109, 6)	2.8118E-04 (26, 5)	1.9218E-04 (6, 3)	1.3649E-04 (6, 3)
16	3.4123E-04 (263, 4)	3.0306E-04 (263, 4)	2.4452E-04 (263, 4)	1.3847E-04 (148, 6)	8.5999E-05 (217, 8)
17	4.5682E-04 (45, 5)	4.2741E-04 (45, 5)	3.7500E-04 (45, 5)	1.6116E-04 (245, 4)	8.6834E-05 (326, 2)
18	4.3578E-04 (147, 4)	4.4044E-04 (147, 4)	4.0273E-04 (326, 4)	1.7751E-04 (48, 1)	1.0093E-04 (320, 3)
19	3.3733E-04 (231, 4)	3.5057E-04 (208, 5)	3.8368E-04 (208, 5)	1.7338E-04 (16, 2)	1.0235E-04 (205, 8)
20	3.4806E-04 (83, 3)	3.4461E-04 (83, 3)	3.2194E-04 (83, 3)	1.5155E-04 (260, 3)	1.0510E-04 (40, 7)
21	4.2240E-04 (288, 5)	4.0154E-04 (288, 5)	3.5341E-04 (288, 5)	1.5122E-04 (251, 4)	1.0040E-04 (329, 1)
22	3.2880E-04 (283, 4)	3.0258E-04 (283, 4)	2.6273E-04 (288, 5)	1.8081E-04 (17, 1)	9.7171E-05 (353, 2)
23	3.8261E-04 (342, 5)	3.6678E-04 (342, 5)	3.2642E-04 (342, 5)	2.1869E-04 (17, 8)	1.1397E-04 (17, 8)
24	3.8375E-04 (52, 4)	3.8981E-04 (52, 4)	3.8375E-04 (52, 4)	1.8249E-04 (217, 3)	1.2246E-04 (339, 2)
25	4.6514E-04 (226, 4)	4.4018E-04 (226, 4)	4.1814E-04 (203, 3)	2.1134E-04 (203, 3)	1.0850E-04 (191, 8)
26	4.1881E-04 (157, 3)	4.0974E-04 (157, 3)	3.7961E-04 (157, 3)	1.9519E-04 (126, 8)	1.1711E-04 (338, 7)
27	4.3656E-04 (337, 5)	4.1938E-04 (200, 3)	3.9156E-04 (240, 4)	2.3140E-04 (306, 6)	1.4639E-04 (166, 1)
28	5.2893E-04 (297, 4)	4.9484E-04 (297, 4)	4.3987E-04 (198, 3)	2.3625E-04 (133, 7)	1.2464E-04 (161, 1)
29	3.7446E-04 (198, 3)	3.6274E-04 (198, 3)	3.3366E-04 (198, 3)	1.7132E-04 (169, 8)	1.1230E-04 (324, 1)
30	5.6374E-04 (1, 4)	5.3715E-04 (1, 4)	4.7549E-04 (1, 4)	2.3080E-04 (228, 3)	1.0131E-04 (228, 3)
31	3.9051E-04 (241, 4)	3.6332E-04 (241, 4)	3.5230E-04 (214, 3)	1.5312E-04 (3, 4)	1.4026E-04 (236, 7)
32	4.3828E-04 (61, 4)	4.0940E-04 (61, 4)	3.5214E-04 (61, 4)	1.6199E-04 (135, 1)	1.1613E-04 (1, 8)
33	5.4247E-04 (12, 4)	5.2175E-04 (12, 4)	4.6680E-04 (12, 4)	1.9247E-04 (262, 4)	8.8870E-05 (38, 4)
34	3.2294E-04 (314, 4)	3.2151E-04 (56, 4)	3.1508E-04 (56, 4)	1.7535E-04 (22, 3)	1.0759E-04 (22, 3)
35	3.3355E-04 (213, 5)	3.0441E-04 (213, 5)	2.8553E-04 (319, 4)	1.3664E-04 (90, 7)	1.0225E-04 (324, 7)
36	4.3695E-04 (319, 5)	4.2443E-04 (319, 5)	3.9163E-04 (319, 5)	1.7704E-04 (91, 1)	8.4540E-05 (302, 3)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.3789E-04 DIRECTION= 26 DISTANCE= 5.5 KM DAY=336

YEAR= 73

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	6.4357E-05 (193)	6.3035E-05 (193)	5.8995E-05 (193)	4.2597E-05 (364)	2.3451E-05 (45)
2	7.8251E-05 (159)	7.3638E-05 (159)	6.7823E-05 (71)	3.7090E-05 (146)	2.4547E-05 (148)
3	6.5995E-05 (151)	5.9394E-05 (3)	5.3550E-05 (3)	3.4376E-05 (200)	1.8688E-05 (200)
4	6.2356E-05 (173)	5.9077E-05 (194)	5.3143E-05 (313)	2.7824E-05 (178)	1.8042E-05 (145)
5	9.8385E-05 (182)	9.1338E-05 (182)	7.9948E-05 (182)	3.1349E-05 (117)	1.4828E-05 (117)
6	1.0765E-04 (209)	1.0424E-04 (209)	9.5323E-05 (186)	4.9616E-05 (144)	2.3741E-05 (144)
7	1.0162E-04 (185)	9.3135E-05 (140)	8.5659E-05 (140)	4.1009E-05 (209)	2.1405E-05 (114)
8	1.0656E-04 (253)	9.9191E-05 (185)	8.5378E-05 (185)	3.4159E-05 (253)	1.4801E-05 (301)
9	1.0055E-04 (132)	9.2809E-05 (132)	8.1317E-05 (236)	4.9848E-05 (134)	3.0309E-05 (134)
10	8.8982E-05 (132)	8.5809E-05 (326)	7.4498E-05 (166)	4.6775E-05 (258)	2.8378E-05 (258)
11	7.5265E-05 (166)	7.3455E-05 (263)	6.5607E-05 (263)	4.2258E-05 (85)	2.2188E-05 (76)
12	6.8305E-05 (100)	6.7146E-05 (207)	6.4368E-05 (138)	4.1853E-05 (98)	2.4728E-05 (98)
13	4.9930E-05 (135)	4.9482E-05 (135)	4.8217E-05 (41)	6.2284E-05 (41)	2.5767E-05 (268)
14	5.4437E-05 (169)	5.2796E-05 (175)	5.0262E-05 (175)	4.2245E-05 (175)	2.4460E-05 (175)
15	6.6058E-05 (47)	6.3998E-05 (118)	5.3981E-05 (118)	3.5256E-05 (47)	1.8859E-05 (350)
16	6.8591E-05 (356)	6.4581E-05 (356)	5.7742E-05 (356)	2.6585E-05 (342)	1.5601E-05 (5)
17	5.3681E-05 (182)	5.0390E-05 (182)	4.5209E-05 (190)	4.8272E-05 (342)	2.6889E-05 (361)
18	7.0905E-05 (103)	6.6509E-05 (103)	5.8238E-05 (103)	3.2106E-05 (42)	2.2863E-05 (297)
19	6.0699E-05 (305)	5.8579E-05 (268)	5.1859E-05 (268)	3.4031E-05 (10)	1.6981E-05 (136)
20	6.4800E-05 (233)	5.8778E-05 (233)	5.4377E-05 (299)	3.8450E-05 (24)	2.4796E-05 (24)
21	1.1081E-04 (221)	1.0685E-04 (221)	9.7754E-05 (221)	4.8970E-05 (305)	2.9182E-05 (11)
22	6.8926E-05 (221)	6.3882E-05 (221)	5.5082E-05 (221)	4.2960E-05 (291)	2.6781E-05 (292)
23	6.6780E-05 (221)	6.1026E-05 (221)	5.2068E-05 (221)	5.7694E-05 (291)	2.8798E-05 (315)
24	9.8342E-05 (59)	9.3071E-05 (59)	8.1546E-05 (59)	4.4856E-05 (276)	2.8810E-05 (240)
25	1.1092E-04 (317)	1.0909E-04 (317)	1.0250E-04 (317)	5.0524E-05 (321)	2.9859E-05 (327)
26	1.3789E-04 (336)	1.3457E-04 (336)	1.2390E-04 (336)	4.3381E-05 (336)	2.3240E-05 (154)
27	7.7017E-05 (336)	7.4242E-05 (336)	6.7471E-05 (336)	5.4543E-05 (60)	3.2103E-05 (288)
28	7.5636E-05 (55)	7.3395E-05 (55)	6.6508E-05 (55)	5.2358E-05 (105)	2.4840E-05 (105)
29	9.6194E-05 (238)	9.0813E-05 (238)	8.1029E-05 (238)	4.4287E-05 (105)	2.7627E-05 (105)
30	9.6400E-05 (244)	9.2933E-05 (244)	8.4719E-05 (244)	4.4021E-05 (359)	2.5528E-05 (21)
31	7.5183E-05 (160)	7.5289E-05 (160)	7.2636E-05 (160)	4.1934E-05 (88)	2.7775E-05 (113)
32	8.2906E-05 (322)	7.6570E-05 (329)	7.3429E-05 (329)	5.7219E-05 (21)	2.9945E-05 (21)
33	7.0236E-05 (217)	6.4005E-05 (217)	5.4772E-05 (217)	3.4095E-05 (70)	1.7299E-05 (171)
34	7.1353E-05 (269)	6.9042E-05 (269)	6.3285E-05 (269)	3.3548E-05 (213)	2.1366E-05 (213)
35	5.8184E-05 (194)	5.6192E-05 (194)	5.5105E-05 (40)	5.0680E-05 (40)	2.4964E-05 (40)
36	6.4605E-05 (194)	6.0212E-05 (194)	5.1574E-05 (194)	3.4604E-05 (73)	2.2827E-05 (347)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 7.4517E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY= 66 TIME PERIOD= 5

YEAR= 73

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR	RANGE 5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	3.9180E-04 (39, 4)	3.7230E-04 (150, 4)	3.4416E-04 (150, 4)	1.4261E-04 (128, 8)	1.1473E-04 (127, 7)
2	5.2272E-04 (71, 5)	4.9843E-04 (71, 5)	4.4117E-04 (71, 5)	1.7240E-04 (331, 6)	8.9234E-05 (338, 7)
3	4.6247E-04 (123, 4)	4.4035E-04 (3, 5)	3.9030E-04 (269, 5)	1.8550E-04 (116, 5)	9.6532E-05 (200, 7)
4	4.6266E-04 (194, 4)	4.4568E-04 (194, 4)	3.9390E-04 (313, 4)	1.3999E-04 (313, 4)	8.9288E-05 (210, 8)
5	5.3797E-04 (182, 4)	5.0013E-04 (182, 4)	4.5379E-04 (196, 3)	1.7150E-04 (182, 4)	8.5584E-05 (210, 8)
6	5.9363E-04 (235, 5)	5.6143E-04 (235, 5)	5.0197E-04 (235, 5)	2.0872E-04 (140, 3)	8.9669E-05 (179, 3)
7	4.5050E-04 (219, 4)	4.1826E-04 (219, 4)	3.6103E-04 (219, 4)	1.8529E-04 (15, 4)	1.3615E-04 (114, 7)
8	5.8868E-04 (181, 4)	5.7397E-04 (19, 4)	5.3809E-04 (19, 4)	2.0971E-04 (19, 4)	8.7091E-05 (19, 4)
9	7.4517E-04 (66, 5)	7.1623E-04 (66, 5)	6.4075E-04 (66, 5)	2.0752E-04 (236, 4)	8.8376E-05 (236, 4)
10	4.1849E-04 (166, 3)	3.9060E-04 (166, 3)	3.4228E-04 (166, 3)	1.5863E-04 (191, 6)	1.1122E-04 (169, 7)
11	4.9635E-04 (166, 3)	4.9923E-04 (166, 3)	4.7585E-04 (235, 6)	1.9171E-04 (235, 6)	9.8367E-05 (175, 1)
12	3.3531E-04 (100, 4)	3.0661E-04 (135, 3)	3.4738E-04 (207, 4)	1.8375E-04 (76, 3)	9.6015E-05 (8, 8)
13	2.8494E-04 (231, 5)	3.0655E-04 (231, 5)	3.2201E-04 (231, 5)	1.5284E-04 (86, 5)	1.4228E-04 (255, 7)
14	3.9302E-04 (175, 5)	3.6441E-04 (175, 5)	3.0941E-04 (175, 5)	1.7571E-04 (38, 4)	1.4982E-04 (289, 7)
15	3.7355E-04 (118, 4)	3.5924E-04 (200, 4)	3.5829E-04 (200, 4)	1.7379E-04 (47, 4)	8.4050E-05 (71, 8)
16	4.1749E-04 (188, 4)	4.0852E-04 (182, 4)	3.5763E-04 (182, 4)	1.3750E-04 (12, 5)	9.0857E-05 (234, 3)
17	4.0400E-04 (323, 4)	3.8410E-04 (53, 4)	3.5074E-04 (52, 4)	1.7634E-04 (53, 4)	9.8414E-05 (342, 1)
18	4.6612E-04 (14, 4)	4.4944E-04 (297, 5)	3.8743E-04 (297, 5)	1.6768E-04 (14, 4)	9.2096E-05 (48, 1)
19	3.9823E-04 (268, 5)	3.7659E-04 (268, 5)	3.2923E-04 (268, 5)	1.5679E-04 (10, 1)	7.4006E-05 (136, 4)
20	4.5530E-04 (268, 3)	4.5708E-04 (299, 4)	4.3192E-04 (299, 4)	1.8228E-04 (345, 4)	8.6482E-05 (273, 8)
21	4.1711E-04 (221, 6)	4.2090E-04 (221, 6)	4.0517E-04 (221, 6)	2.3496E-04 (11, 8)	1.0501E-04 (305, 4)
22	4.6066E-04 (125, 4)	4.2613E-04 (125, 4)	3.6570E-04 (125, 4)	1.6437E-04 (292, 1)	9.0201E-05 (10, 4)
23	4.1276E-04 (191, 4)	4.0227E-04 (102, 4)	3.8085E-04 (102, 4)	1.9268E-04 (16, 5)	1.0504E-04 (43, 6)
24	4.5281E-04 (310, 4)	4.3203E-04 (310, 4)	3.9251E-04 (310, 4)	1.8908E-04 (240, 7)	1.0415E-04 (279, 6)
25	5.4364E-04 (240, 5)	5.0377E-04 (240, 5)	4.5047E-04 (235, 4)	2.3494E-04 (265, 4)	1.5205E-04 (260, 3)
26	6.2366E-04 (352, 4)	6.0871E-04 (352, 4)	5.6541E-04 (352, 4)	2.2106E-04 (235, 4)	1.1084E-04 (234, 7)
27	4.2591E-04 (20, 4)	4.1759E-04 (20, 4)	3.7978E-04 (352, 5)	2.2178E-04 (17, 6)	1.5064E-04 (242, 7)
28	4.8131E-04 (158, 4)	4.4448E-04 (288, 5)	3.9875E-04 (55, 6)	1.8075E-04 (242, 4)	1.1753E-04 (8, 1)
29	5.6772E-04 (238, 3)	5.4101E-04 (238, 3)	4.8409E-04 (238, 3)	2.1518E-04 (318, 4)	1.2988E-04 (150, 8)
30	4.5095E-04 (121, 5)	4.1858E-04 (121, 5)	3.5630E-04 (121, 5)	1.9060E-04 (21, 2)	1.1749E-04 (353, 6)
31	5.0416E-04 (171, 4)	4.5370E-04 (171, 4)	3.7933E-04 (171, 4)	1.7902E-04 (87, 8)	1.0482E-04 (160, 3)
32	4.6906E-04 (157, 4)	4.2581E-04 (157, 4)	3.5176E-04 (157, 4)	2.0577E-04 (67, 4)	1.1649E-04 (301, 2)
33	4.7997E-04 (320, 3)	4.6883E-04 (320, 3)	4.3028E-04 (274, 4)	1.7693E-04 (359, 5)	1.2149E-04 (194, 1)
34	4.5891E-04 (200, 4)	4.2740E-04 (200, 4)	3.7343E-04 (200, 4)	1.6325E-04 (339, 2)	9.4781E-05 (126, 6)
35	3.2705E-04 (252, 4)	3.1852E-04 (40, 4)	2.9683E-04 (40, 4)	1.7335E-04 (40, 6)	1.1907E-04 (228, 1)
36	3.1135E-04 (194, 5)	2.9232E-04 (194, 5)	2.5246E-04 (194, 5)	1.5687E-04 (97, 7)	8.7938E-05 (234, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MA*3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.7754E-04 DIRECTION= 24 DISTANCE= 5.5 KM DAY=286

YEAR= 74

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	5.1168E-05 (203)	4.8396E-05 (203)	4.2582E-05 (203)	3.8207E-05 (175)	1.9618E-05 (175)
2	6.3120E-05 (207)	5.6607E-05 (207)	5.0321E-05 (91)	3.4522E-05 (30)	1.7241E-05 (28)
3	5.2859E-05 (309)	5.0328E-05 (256)	4.4582E-05 (222)	3.0930E-05 (80)	1.8588E-05 (39)
4	8.5322E-05 (90)	8.1569E-05 (90)	7.4166E-05 (90)	2.9946E-05 (229)	1.4259E-05 (88)
5	7.0721E-05 (229)	6.7350E-05 (229)	6.0364E-05 (229)	2.3596E-05 (163)	1.5416E-05 (210)
6	7.1616E-05 (86)	6.6925E-05 (86)	5.9744E-05 (9)	3.6813E-05 (89)	2.1920E-05 (270)
7	8.1568E-05 (7)	7.6698E-05 (7)	7.3748E-05 (16)	3.6374E-05 (190)	1.6377E-05 (173)
8	9.0960E-05 (163)	8.6517E-05 (163)	7.6747E-05 (315)	2.6664E-05 (87)	1.5102E-05 (203)
9	1.5729E-04 (230)	1.4660E-04 (230)	1.2632E-04 (230)	5.9198E-05 (192)	2.8936E-05 (192)
10	1.0458E-04 (192)	9.7559E-05 (192)	8.5465E-05 (192)	3.8862E-05 (145)	2.1011E-05 (47)
11	1.0988E-04 (167)	1.0173E-04 (167)	8.6280E-05 (167)	3.3420E-05 (72)	1.5113E-05 (335)
12	6.8616E-05 (200)	6.3840E-05 (200)	5.4569E-05 (200)	3.1323E-05 (53)	1.6004E-05 (53)
13	3.7701E-05 (222)	3.7917E-05 (257)	3.4751E-05 (167)	3.4848E-05 (39)	1.5436E-05 (99)
14	3.7059E-05 (222)	3.5212E-05 (222)	3.1541E-05 (56)	4.8097E-05 (40)	2.1520E-05 (336)
15	4.0035E-05 (99)	3.8360E-05 (197)	3.6340E-05 (197)	4.4369E-05 (96)	1.8431E-05 (96)
16	7.3342E-05 (338)	7.0957E-05 (338)	6.6018E-05 (338)	4.0454E-05 (326)	1.8569E-05 (17)
17	4.9385E-05 (317)	4.8823E-05 (317)	4.5669E-05 (317)	2.9689E-05 (280)	2.0226E-05 (355)
18	6.3856E-05 (332)	6.0214E-05 (332)	5.3561E-05 (332)	4.8734E-05 (279)	2.4403E-05 (279)
19	5.3776E-05 (291)	5.4066E-05 (291)	5.1929E-05 (291)	3.7488E-05 (311)	1.8587E-05 (311)
20	6.7694E-05 (281)	6.3373E-05 (281)	5.5101E-05 (281)	3.9851E-05 (330)	2.4327E-05 (57)
21	7.6883E-05 (264)	7.2143E-05 (264)	6.8017E-05 (182)	4.8845E-05 (274)	2.8098E-05 (107)
22	6.5835E-05 (344)	6.4897E-05 (344)	5.7467E-05 (265)	6.4339E-05 (276)	2.7792E-05 (276)
23	8.7724E-05 (306)	8.2023E-05 (306)	7.1723E-05 (54)	4.1443E-05 (266)	2.4439E-05 (293)
24	1.7754E-04 (286)	1.6636E-04 (286)	1.4474E-04 (286)	6.2705E-05 (348)	3.3638E-05 (284)
25	1.0762E-04 (110)	1.0042E-04 (110)	8.6402E-05 (110)	4.6435E-05 (73)	2.6566E-05 (303)
26	1.1282E-04 (305)	1.0496E-04 (305)	9.1363E-05 (305)	3.5056E-05 (13)	2.3132E-05 (349)
27	9.3847E-05 (116)	9.1689E-05 (244)	8.4872E-05 (244)	4.6137E-05 (171)	2.8310E-05 (333)
28	8.9293E-05 (2)	8.8976E-05 (2)	8.6434E-05 (2)	5.3403E-05 (2)	2.5252E-05 (101)
29	8.4299E-05 (240)	7.8198E-05 (240)	6.8330E-05 (240)	6.1847E-05 (140)	3.0875E-05 (140)
30	7.1886E-05 (67)	6.7981E-05 (243)	6.5217E-05 (243)	3.0917E-05 (244)	2.0396E-05 (334)
31	1.0062E-04 (219)	9.7430E-05 (219)	9.0489E-05 (219)	5.0989E-05 (134)	2.6040E-05 (134)
32	8.4846E-05 (241)	7.8055E-05 (241)	6.6908E-05 (241)	3.5158E-05 (217)	2.1466E-05 (9)
33	7.7894E-05 (63)	7.2926E-05 (11)	6.5875E-05 (11)	3.5624E-05 (220)	1.8822E-05 (354)
34	6.4442E-05 (236)	5.8549E-05 (236)	4.8568E-05 (236)	3.6371E-05 (50)	2.4547E-05 (84)
35	5.5821E-05 (164)	5.2119E-05 (164)	4.5086E-05 (164)	2.7605E-05 (94)	1.5648E-05 (175)
36	6.8709E-05 (161)	6.9943E-05 (161)	6.9548E-05 (161)	5.1693E-05 (341)	2.9773E-05 (349)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAX3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 6.9290E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=230 TIME PERIOD= 4

YEAR= 74

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	3.9152E-04 (208, 4)	3.7463E-04 (208, 4)	3.3322E-04 (271, 3)	2.1839E-04 (354, 5)	9.6793E-05 (354, 5)
2	4.0697E-04 (21, 4)	3.9685E-04 (21, 4)	3.7033E-04 (21, 4)	1.6960E-04 (91, 6)	7.5410E-05 (38, 5)
3	3.8727E-04 (103, 5)	3.5691E-04 (103, 5)	3.0995E-04 (222, 3)	1.5644E-04 (39, 2)	1.0591E-04 (174, 8)
4	4.6268E-04 (229, 4)	4.2811E-04 (229, 4)	3.7142E-04 (229, 4)	1.1955E-04 (212, 3)	7.6906E-05 (30, 8)
5	4.1390E-04 (188, 4)	3.8194E-04 (188, 4)	3.4511E-04 (163, 3)	1.5005E-04 (78, 6)	7.9623E-05 (163, 3)
6	5.4306E-04 (9, 5)	5.2429E-04 (9, 5)	4.5989E-04 (86, 5)	1.8751E-04 (261, 4)	9.8097E-05 (5, 4)
7	4.4402E-04 (226, 5)	4.3233E-04 (146, 4)	3.9044E-04 (292, 4)	1.7807E-04 (292, 4)	7.4167E-05 (268, 5)
8	4.9894E-04 (145, 4)	4.6456E-04 (145, 4)	3.9668E-04 (145, 4)	1.5393E-04 (75, 6)	9.4923E-05 (203, 1)
9	6.9290E-04 (230, 4)	6.4317E-04 (173, 4)	5.5135E-04 (230, 4)	2.1520E-04 (64, 6)	9.5983E-05 (173, 4)
10	5.6153E-04 (173, 6)	5.3839E-04 (173, 6)	4.7915E-04 (173, 6)	1.6878E-04 (65, 6)	8.9521E-05 (230, 7)
11	5.1434E-04 (192, 3)	4.9634E-04 (192, 3)	4.4130E-04 (167, 5)	1.7683E-04 (193, 2)	9.6132E-05 (155, 6)
12	3.6346E-04 (167, 3)	3.5717E-04 (167, 3)	3.3507E-04 (167, 3)	1.3620E-04 (162, 7)	1.1206E-04 (53, 6)
13	2.9617E-04 (222, 6)	2.8370E-04 (222, 6)	2.5182E-04 (222, 6)	1.3640E-04 (120, 6)	9.3278E-05 (48, 1)
14	2.4574E-04 (239, 6)	2.3462E-04 (226, 6)	2.0890E-04 (226, 6)	1.6845E-04 (95, 6)	1.0130E-04 (107, 7)
15	3.0751E-04 (197, 4)	3.0151E-04 (54, 5)	2.7317E-04 (54, 5)	1.4240E-04 (40, 2)	8.5080E-05 (163, 7)
16	3.0299E-04 (338, 5)	2.8445E-04 (338, 5)	2.7175E-04 (338, 4)	1.8750E-04 (316, 3)	8.3082E-05 (364, 6)
17	3.9415E-04 (317, 5)	3.8877E-04 (317, 5)	3.6046E-04 (317, 5)	1.8343E-04 (350, 3)	1.1095E-04 (350, 3)
18	4.1003E-04 (332, 4)	3.8293E-04 (332, 4)	3.5108E-04 (291, 4)	1.7408E-04 (279, 8)	9.9136E-05 (280, 6)
19	4.1711E-04 (364, 5)	4.0007E-04 (364, 5)	3.5645E-04 (364, 5)	1.5724E-04 (57, 4)	7.7070E-05 (57, 4)
20	4.0322E-04 (311, 4)	3.7199E-04 (311, 4)	3.1844E-04 (311, 4)	1.7965E-04 (198, 3)	9.8987E-05 (18, 8)
21	4.9337E-04 (54, 4)	4.6938E-04 (54, 4)	4.2176E-04 (54, 4)	1.9419E-04 (107, 2)	1.0807E-04 (347, 7)
22	4.9319E-04 (265, 4)	4.5602E-04 (265, 4)	4.0401E-04 (254, 6)	1.6189E-04 (254, 6)	9.4701E-05 (293, 6)
23	4.5083E-04 (257, 4)	4.4374E-04 (257, 4)	4.0119E-04 (306, 5)	1.6869E-04 (108, 3)	1.1397E-04 (244, 1)
24	6.8231E-04 (284, 4)	6.6412E-04 (254, 3)	6.0442E-04 (297, 4)	2.3135E-04 (348, 7)	1.1900E-04 (59, 2)
25	4.8691E-04 (305, 4)	4.5596E-04 (305, 4)	4.0183E-04 (305, 4)	1.9536E-04 (172, 3)	1.2938E-04 (183, 1)
26	3.7975E-04 (303, 4)	3.8180E-04 (110, 3)	3.8467E-04 (110, 3)	1.6504E-04 (305, 4)	1.1955E-04 (188, 8)
27	5.0179E-04 (299, 5)	4.6919E-04 (244, 5)	4.3440E-04 (299, 5)	1.7318E-04 (318, 8)	1.5732E-04 (318, 8)
28	4.6712E-04 (204, 3)	4.5402E-04 (204, 3)	4.3019E-04 (234, 3)	1.9564E-04 (2, 4)	1.2509E-04 (236, 3)
29	5.8963E-04 (221, 4)	5.4729E-04 (221, 4)	4.7869E-04 (221, 4)	1.9102E-04 (185, 4)	9.0465E-05 (140, 3)
30	4.6095E-04 (237, 3)	4.6457E-04 (203, 3)	4.5716E-04 (203, 3)	1.8982E-04 (74, 6)	9.1221E-05 (301, 6)
31	4.8047E-04 (219, 4)	4.5549E-04 (219, 4)	3.9981E-04 (219, 4)	1.6610E-04 (102, 3)	1.0373E-04 (219, 3)
32	5.7181E-04 (187, 4)	5.4738E-04 (6, 4)	4.9970E-04 (6, 4)	1.8927E-04 (6, 4)	9.5221E-05 (9, 3)
33	5.0624E-04 (226, 4)	4.7794E-04 (135, 3)	4.3926E-04 (135, 3)	1.7503E-04 (94, 2)	9.5844E-05 (21, 1)
34	3.9216E-04 (199, 4)	3.4891E-04 (14, 5)	2.9601E-04 (14, 5)	2.0159E-04 (82, 5)	1.1746E-04 (82, 5)
35	3.8141E-04 (242, 4)	3.5936E-04 (249, 5)	3.2183E-04 (249, 5)	1.3785E-04 (53, 3)	9.7707E-05 (27, 3)
36	5.2677E-04 (210, 4)	5.1132E-04 (210, 4)	4.7282E-04 (210, 4)	1.9938E-04 (175, 7)	1.0489E-04 (341, 6)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.2608E-04 DIRECTION= 27 DISTANCE= 5.5 KM DAY= 74

YEAR= 75

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	6.1889E-05 (255)	6.1008E-05 (255)	5.7403E-05 (255)	4.1916E-05 (49)	2.7502E-05 (49)
2	9.6823E-05 (19)	9.5533E-05 (19)	9.1351E-05 (19)	4.6805E-05 (8)	2.4133E-05 (66)
3	9.3634E-05 (118)	8.5889E-05 (118)	7.6961E-05 (203)	3.5022E-05 (203)	1.8462E-05 (82)
4	8.7490E-05 (24)	8.2365E-05 (24)	7.2333E-05 (24)	2.9053E-05 (24)	2.0943E-05 (187)
5	9.2283E-05 (153)	9.3745E-05 (153)	8.7597E-05 (137)	3.3207E-05 (192)	1.8458E-05 (190)
6	6.6187E-05 (205)	6.3572E-05 (205)	5.7681E-05 (205)	2.5574E-05 (191)	1.5513E-05 (191)
7	7.8942E-05 (80)	7.3845E-05 (80)	6.3541E-05 (80)	2.7400E-05 (208)	1.6111E-05 (124)
8	8.1003E-05 (185)	7.2971E-05 (185)	6.0224E-05 (185)	2.7447E-05 (90)	1.4648E-05 (58)
9	1.2138E-04 (189)	1.1408E-04 (189)	1.0176E-04 (189)	4.3709E-05 (158)	2.2695E-05 (158)
10	7.0973E-05 (166)	6.7028E-05 (29)	6.2748E-05 (29)	2.9859E-05 (243)	1.5311E-05 (44)
11	6.4381E-05 (170)	6.0072E-05 (170)	5.1422E-05 (170)	2.9501E-05 (155)	1.3288E-05 (223)
12	5.7852E-05 (224)	5.6391E-05 (224)	5.1177E-05 (226)	2.7257E-05 (138)	2.0791E-05 (138)
13	8.0107E-05 (230)	7.5799E-05 (230)	6.6979E-05 (230)	3.6971E-05 (256)	2.2005E-05 (256)
14	6.0327E-05 (244)	5.5527E-05 (244)	4.7549E-05 (244)	2.8497E-05 (55)	1.7302E-05 (13)
15	5.1996E-05 (226)	5.3450E-05 (226)	5.5530E-05 (226)	3.8156E-05 (317)	2.1549E-05 (13)
16	4.7996E-05 (244)	4.3953E-05 (244)	4.0389E-05 (226)	3.7885E-05 (352)	1.6454E-05 (392)
17	6.1475E-05 (105)	5.6998E-05 (105)	4.8453E-05 (105)	3.9887E-05 (270)	2.9082E-05 (270)
18	5.2724E-05 (361)	4.9717E-05 (361)	4.5293E-05 (356)	4.4404E-05 (327)	2.9956E-05 (269)
19	3.8362E-05 (94)	3.7833E-05 (94)	3.7042E-05 (228)	2.7358E-05 (14)	1.9223E-05 (96)
20	8.9048E-05 (256)	8.5684E-05 (256)	7.7141E-05 (256)	4.9958E-05 (64)	2.3801E-05 (94)
21	8.4390E-05 (64)	7.9190E-05 (64)	7.0128E-05 (64)	3.6488E-05 (303)	2.4584E-05 (361)
22	9.3523E-05 (176)	9.1555E-05 (176)	8.6607E-05 (176)	4.1397E-05 (176)	2.2396E-05 (353)
23	8.1888E-05 (175)	7.6972E-05 (175)	6.8740E-05 (181)	4.0447E-05 (85)	2.2027E-05 (304)
24	7.0151E-05 (285)	6.6401E-05 (285)	5.7973E-05 (285)	3.5667E-05 (17)	2.3837E-05 (22)
25	8.3350E-05 (182)	8.0233E-05 (182)	7.3024E-05 (182)	3.9803E-05 (307)	2.6724E-05 (239)
26	1.0148E-04 (247)	9.2403E-05 (247)	8.8968E-05 (345)	4.1441E-05 (286)	2.1318E-05 (309)
27	1.2608E-04 (74)	1.2096E-04 (322)	1.0983E-04 (322)	6.8904E-05 (86)	3.2108E-05 (86)
28	8.4775E-05 (330)	8.0157E-05 (330)	7.2212E-05 (86)	5.1682E-05 (287)	3.0475E-05 (315)
29	6.9052E-05 (251)	6.6801E-05 (113)	6.6034E-05 (113)	5.1222E-05 (313)	2.7795E-05 (313)
30	9.2583E-05 (172)	8.9687E-05 (219)	8.0552E-05 (219)	5.3123E-05 (263)	3.1541E-05 (263)
31	7.0375E-05 (222)	6.9099E-05 (222)	6.4908E-05 (222)	3.6219E-05 (289)	2.3322E-05 (364)
32	8.8988E-05 (274)	8.5282E-05 (108)	7.5470E-05 (108)	3.6633E-05 (136)	2.0805E-05 (109)
33	7.5214E-05 (198)	7.0929E-05 (198)	6.5036E-05 (28)	4.7801E-05 (11)	2.5451E-05 (151)
34	6.1884E-05 (114)	6.0362E-05 (152)	5.7736E-05 (152)	3.2835E-05 (209)	2.6413E-05 (10)
35	6.3495E-05 (334)	6.0435E-05 (334)	5.3310E-05 (334)	2.6047E-05 (209)	1.8249E-05 (12)
36	7.5197E-05 (201)	7.4685E-05 (201)	7.1366E-05 (201)	5.4337E-05 (351)	2.6324E-05 (12)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 6.6205E-04 DIRECTION= 30 DISTANCE= 5.5 KM DAY=162 TIME PERIOD= 3

YEAR= 75

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	4.1539E-04 (118, 3)	4.0963E-04 (118, 3)	3.8327E-04 (118, 3)	1.5096E-04 (18, 5)	9.4567E-05 (50, 7)
2	5.3619E-04 (19, 5)	5.2393E-04 (19, 5)	4.9181E-04 (19, 5)	2.2817E-04 (104, 6)	1.1278E-04 (104, 6)
3	4.8577E-04 (24, 5)	4.6206E-04 (24, 5)	4.0642E-04 (100, 5)	1.8340E-04 (25, 5)	1.0205E-04 (50, 1)
4	4.5887E-04 (130, 5)	4.2741E-04 (130, 5)	3.8784E-04 (133, 4)	1.4564E-04 (153, 5)	9.4620E-05 (209, 6)
5	5.4739E-04 (186, 3)	5.4646E-04 (186, 3)	5.2191E-04 (186, 3)	2.1103E-04 (186, 3)	8.9195E-05 (186, 3)
6	3.7723E-04 (167, 3)	3.4809E-04 (167, 3)	3.0140E-04 (167, 3)	1.3748E-04 (91, 6)	8.5999E-05 (118, 7)
7	6.0764E-04 (80, 5)	5.6690E-04 (185, 5)	4.7761E-04 (185, 5)	1.2923E-04 (80, 5)	8.6026E-05 (166, 3)
8	4.5448E-04 (31, 5)	4.3319E-04 (31, 5)	3.7291E-04 (225, 4)	1.8517E-04 (90, 6)	8.7137E-05 (90, 4)
9	5.6376E-04 (125, 4)	5.3693E-04 (125, 4)	4.7228E-04 (225, 4)	2.0338E-04 (158, 3)	8.7509E-05 (158, 3)
10	4.4337E-04 (134, 6)	4.1538E-04 (134, 6)	3.7300E-04 (267, 4)	1.5910E-04 (171, 6)	8.3577E-05 (127, 6)
11	3.4408E-04 (126, 5)	3.1327E-04 (110, 5)	2.8254E-04 (225, 3)	1.5978E-04 (163, 6)	7.6379E-05 (163, 6)
12	3.2238E-04 (140, 6)	3.1304E-04 (157, 3)	2.9278E-04 (157, 3)	1.5046E-04 (95, 6)	9.4033E-05 (155, 7)
13	3.2819E-04 (291, 4)	3.2879E-04 (155, 3)	3.2811E-04 (155, 3)	1.5891E-04 (55, 3)	1.3897E-04 (256, 6)
14	3.7336E-04 (244, 5)	3.4583E-04 (244, 5)	2.9931E-04 (244, 5)	1.6810E-04 (328, 5)	1.1999E-04 (325, 7)
15	2.7073E-04 (177, 4)	2.5116E-04 (177, 4)	2.1995E-04 (177, 4)	1.8243E-04 (243, 5)	8.5307E-05 (270, 2)
16	3.0109E-04 (62, 5)	2.8980E-04 (62, 5)	2.5897E-04 (62, 5)	1.6397E-04 (352, 4)	1.0267E-04 (203, 7)
17	3.7384E-04 (328, 4)	3.5972E-04 (328, 4)	3.2551E-04 (328, 4)	1.5798E-04 (269, 2)	1.1109E-04 (270, 6)
18	3.1945E-04 (185, 4)	3.0652E-04 (185, 4)	2.8069E-04 (297, 3)	1.8787E-04 (326, 4)	1.0818E-04 (270, 4)
19	2.6427E-04 (94, 4)	2.4551E-04 (94, 4)	2.1255E-04 (94, 4)	1.1189E-04 (327, 2)	9.1197E-05 (327, 2)
20	4.0653E-04 (57, 4)	4.0465E-04 (57, 4)	3.8981E-04 (57, 4)	1.9041E-04 (353, 1)	1.0274E-04 (301, 6)
21	5.0437E-04 (56, 4)	4.7223E-04 (56, 4)	4.1370E-04 (56, 4)	1.8798E-04 (62, 3)	1.0630E-04 (353, 2)
22	4.2896E-04 (116, 3)	4.0324E-04 (116, 3)	3.5504E-04 (116, 3)	2.0045E-04 (140, 3)	1.2581E-04 (257, 8)
23	5.7020E-04 (85, 5)	5.3509E-04 (85, 5)	4.5751E-04 (85, 5)	1.8131E-04 (304, 2)	9.3898E-05 (345, 1)
24	4.1287E-04 (285, 5)	3.9097E-04 (285, 5)	3.4179E-04 (285, 5)	1.4909E-04 (332, 6)	1.3550E-04 (240, 7)
25	4.9938E-04 (276, 4)	4.8178E-04 (276, 4)	4.4004E-04 (276, 4)	1.7764E-04 (307, 1)	1.2297E-04 (320, 8)
26	4.8029E-04 (286, 5)	4.5459E-04 (286, 5)	4.0385E-04 (286, 5)	1.9257E-04 (345, 4)	1.0358E-04 (247, 3)
27	4.9506E-04 (182, 4)	4.6233E-04 (182, 4)	4.0964E-04 (126, 3)	1.9107E-04 (236, 3)	1.3537E-04 (123, 3)
28	4.9834E-04 (86, 5)	4.7325E-04 (86, 5)	4.1648E-04 (86, 5)	2.2215E-04 (112, 6)	1.1137E-04 (264, 2)
29	4.8170E-04 (132, 3)	4.5229E-04 (132, 3)	3.9942E-04 (210, 3)	1.7198E-04 (280, 3)	1.0034E-04 (215, 7)
30	6.6205E-04 (162, 3)	6.4800E-04 (162, 3)	6.0403E-04 (162, 3)	2.3978E-04 (162, 3)	1.1689E-04 (172, 3)
31	5.1779E-04 (168, 3)	5.1007E-04 (168, 3)	4.7839E-04 (168, 3)	1.8514E-04 (168, 3)	1.0772E-04 (210, 1)
32	5.6579E-04 (130, 4)	5.4241E-04 (130, 4)	4.9018E-04 (130, 4)	2.1670E-04 (274, 4)	1.1078E-04 (223, 3)
33	4.9129E-04 (274, 4)	4.6549E-04 (201, 3)	4.3298E-04 (201, 3)	1.6946E-04 (135, 2)	1.1418E-04 (209, 8)
34	4.7239E-04 (249, 3)	4.8033E-04 (249, 3)	4.6136E-04 (152, 3)	1.8718E-04 (152, 3)	9.6130E-05 (203, 3)
35	3.2873E-04 (136, 4)	3.1825E-04 (172, 4)	2.9837E-04 (136, 4)	1.2028E-04 (55, 1)	7.5478E-05 (231, 1)
36	5.1151E-04 (202, 4)	4.8495E-04 (202, 4)	4.2593E-04 (202, 4)	1.8670E-04 (9, 4)	1.0770E-04 (160, 3)

COMPOSITE HIGHEST,SECOND-HIGHEST 24-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE DIR	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	89.	82.	71.	43.	28.
2	99.	96.	91.	52.	25.
3	94.	86.	77.	42.	26.
4	87.	82.	74.	30.	21.
5	98.	94.	88.	33.	19.
6	108.	104.	95.	54.	25.
7	102.	93.	86.	41.	21.
8	107.	99.	85.	47.	26.
9	168.	158.	139.	117.	51.
10	121.	114.	100.	48.	28.
11	110.	102.	86.	42.	22.
12	70.	67.	64.	50.	25.
13	80.	76.	67.	62.	26.
14	60.	56.	50.	48.	26.
15	67.	64.	57.	44.	22.
16	73.	71.	66.	40.	20.
17	61.	57.	57.	48.	29.
18	71.	67.	58.	56.	34.
19	61.	59.	52.	37.	20.
20	89.	86.	77.	50.	25.
21	111.	107.	98.	49.	29.
22	94.	92.	87.	64.	28.
23	80.	82.	72.	67.	34.
24	178.	166.	145.	63.	41.
25	111.	109.	103.	51.	30.
26	138.	135.	124.	55.	28.
27	126.	121.	110.	80.	43.
28	100.	93.	86.	88.	43.
29	97.	93.	84.	62.	31.
30	96.	93.	85.	53.	37.
31	101.	97.	90.	51.	28.
32	89.	85.	75.	57.	30.
33	102.	98.	88.	51.	31.
34	87.	80.	72.	36.	26.
35	63.	60.	55.	51.	25.
36	75.	75.	71.	54.	32.

COMPOSITE HIGHEST, SECOND-HIGHEST [illegible]OUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	466.	449.	390.	218.	115.
2	536.	524.	492.	228.	113.
3	486.	462.	406.	185.	106.
4	480.	464.	422.	165.	95.
5	547.	546.	522.	211.	98.
6	594.	561.	502.	209.	122.
7	608.	567.	478.	191.	136.
8	589.	574.	538.	210.	102.
9	745.	716.	641.	239.	129.
10	562.	538.	479.	226.	111.
11	514.	499.	476.	192.	98.
12	388.	370.	383.	214.	112.
13	477.	441.	395.	159.	142.
14	439.	424.	382.	219.	150.
15	415.	385.	358.	192.	136.
16	434.	409.	358.	187.	113.
17	457.	427.	375.	183.	111.
18	466.	449.	403.	188.	123.
19	417.	400.	384.	173.	102.
20	455.	457.	432.	190.	105.
21	504.	472.	422.	235.	115.
22	493.	456.	404.	200.	126.
23	574.	535.	458.	219.	114.
24	682.	664.	604.	231.	147.
25	544.	504.	450.	235.	152.
26	624.	609.	565.	221.	132.
27	502.	475.	435.	231.	157.
28	529.	495.	440.	236.	125.
29	590.	547.	484.	249.	130.
30	662.	648.	604.	240.	149.
31	518.	510.	478.	185.	140.
32	572.	547.	500.	217.	123.
33	595.	567.	542.	227.	126.
34	606.	564.	509.	206.	117.
35	381.	359.	322.	173.	129.
36	527.	525.	500.	201.	108.

TECO

UNITS 1-4

PROJECTED 24- AND 3-HOUR SO_2

100 PERCENT LOAD

RING DISTANCES(KM)= 0.50 1.00 1.50 2.00 2.50

STACK # 1--TECO 1&2 100% 31.5T/H SO2
STACK # 2--TECO 3&4 100% 31.5T/H SO2

STACK	MONTH	EMISSION RATE (GMS/SEC)	HEIGHT (METERS)	DIAMETER (METERS)	EXIT VELOCITY (M/SEC)	TEMP (DEG.K)	VOLUMETRIC FLOW (MAA3/SEC)
1	ALL	5249.0898	149.40	7.32	28.60	422.00	1203.59
2	ALL	3398.3401	149.40	7.32	34.30	370.00	1443.46

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.2144E-04 DIRECTION= 9 DISTANCE= 2.5 KM DAY=128

YEAR= 71

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	6.0074E-17 (238)	1.3171E-05 (260)	3.6013E-05 (236)	3.9160E-05 (236)	5.5235E-05 (229)
2	3.8112E-16 (238)	2.3058E-05 (234)	8.8884E-05 (236)	8.1635E-05 (236)	7.4694E-05 (260)
3	1.3323E-15 (238)	3.6527E-05 (236)	1.0319E-04 (236)	8.9198E-05 (236)	7.8848E-05 (236)
4	2.5710E-15 (238)	4.3262E-05 (238)	5.5640E-05 (236)	4.5074E-05 (236)	5.3884E-05 (177)
5	2.7835E-15 (238)	4.6813E-05 (238)	6.0271E-05 (238)	4.9607E-05 (206)	7.4253E-05 (206)
6	1.2097E-15 (234)	2.9138E-05 (238)	5.9210E-05 (230)	6.4990E-05 (206)	9.1259E-05 (234)
7	2.1889E-15 (238)	2.8647E-05 (238)	4.6520E-05 (234)	7.1367E-05 (103)	8.5541E-05 (230)
8	3.7272E-15 (238)	3.2514E-05 (230)	8.4300E-05 (230)	7.9896E-05 (238)	7.6445E-05 (179)
9	4.3568E-15 (238)	1.3102E-05 (230)	3.3151E-05 (230)	7.2702E-05 (128)	1.2144E-04 (128)
10	3.9107E-15 (152)	2.8788E-06 (257)	2.6124E-05 (257)	4.1428E-05 (197)	7.8286E-05 (204)
11	1.4374E-15 (152)	8.2084E-06 (257)	1.8842E-05 (238)	4.3074E-05 (197)	5.9826E-05 (257)
12	2.0808E-16 (238)	4.1397E-06 (159)	1.3342E-05 (198)	6.3605E-05 (198)	9.2587E-05 (257)
13	1.3820E-16 (262)	8.2082E-06 (257)	2.9531E-05 (159)	4.5612E-05 (198)	5.9744E-05 (257)
14	7.3322E-16 (262)	1.0837E-05 (262)	2.5575E-05 (257)	2.1461E-05 (257)	4.6920E-05 (104)
15	1.1903E-15 (159)	3.8158E-05 (262)	6.1316E-05 (262)	4.6233E-05 (262)	6.3253E-05 (159)
16	7.8430E-16 (159)	3.8592E-05 (159)	5.5668E-05 (159)	4.2979E-05 (159)	5.6232E-05 (121)
17	2.8475E-16 (159)	1.1754E-05 (159)	1.5010E-05 (159)	1.8514E-05 (164)	3.3776E-05 (317)
18	5.6967E-17 (159)	1.7791E-06 (159)	5.4232E-06 (173)	2.3911E-05 (173)	3.4313E-05 (164)
19	6.2798E-18 (159)	1.3381E-07 (159)	6.0886E-06 (98)	1.5186E-05 (257)	3.0541E-05 (257)
20	3.8145E-19 (159)	3.3408E-08 (98)	1.8326E-06 (157)	1.1695E-05 (157)	2.6472E-05 (46)
21	1.2971E-20 (164)	2.6946E-08 (164)	2.4245E-06 (157)	1.5760E-05 (157)	3.0400E-05 (157)
22	3.9508E-20 (164)	1.0792E-08 (124)	3.4348E-06 (124)	1.7768E-05 (124)	3.6579E-05 (137)
23	3.9696E-20 (164)	5.1009E-08 (240)	5.1944E-06 (156)	3.6512E-05 (156)	7.0057E-05 (164)
24	7.3725E-18 (231)	1.3410E-07 (152)	6.5370E-06 (164)	2.9205E-05 (90)	5.6489E-05 (90)
25	8.4879E-17 (231)	1.1720E-06 (152)	6.1887E-06 (240)	1.6407E-05 (231)	3.1736E-05 (90)
26	5.3849E-16 (231)	5.9733E-06 (231)	2.8925E-05 (240)	3.4990E-05 (156)	3.3088E-05 (101)
27	1.8825E-15 (231)	2.5917E-05 (231)	6.2533E-05 (240)	4.8268E-05 (240)	8.4140E-05 (152)
28	2.7466E-15 (240)	5.5553E-05 (240)	6.3638E-05 (231)	6.7676E-05 (231)	8.4194E-05 (231)
29	1.5134E-15 (240)	2.7606E-05 (240)	6.2137E-05 (152)	5.3160E-05 (152)	5.9944E-05 (138)
30	4.5951E-16 (240)	6.8169E-06 (240)	1.4360E-05 (152)	3.1043E-05 (207)	5.4195E-05 (182)
31	7.6878E-17 (240)	8.3650E-07 (240)	8.3368E-06 (236)	2.8665E-05 (236)	4.1194E-05 (236)
32	7.0872E-18 (240)	1.5698E-07 (218)	4.3442E-06 (105)	2.8759E-05 (230)	6.0071E-05 (218)
33	4.7276E-20 (218)	7.2836E-08 (231)	2.9660E-06 (145)	2.1773E-05 (230)	4.9615E-05 (218)
34	1.0070E-19 (260)	7.7786E-08 (211)	8.6413E-06 (218)	2.9893E-05 (260)	5.2157E-05 (218)
35	1.1254E-19 (260)	3.1439E-07 (236)	1.4893E-05 (211)	5.5597E-05 (211)	8.6330E-05 (211)
36	5.2177E-18 (238)	2.9465E-06 (236)	9.7016E-06 (229)	4.6645E-05 (229)	8.5519E-05 (229)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 8.2519E-04 DIRECTION= 3 DISTANCE= 1.5 KM DAY=236 TIME PERIOD= 5

YEAR= 71

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	4.8059E-16 (238, 4)	1.0533E-04 (260, 5)	2.8076E-04 (236, 5)	2.3805E-04 (229, 4)	3.9235E-04 (229, 4)
2	3.0490E-15 (238, 4)	1.8446E-04 (234, 4)	7.0790E-04 (236, 5)	6.2018E-04 (236, 5)	5.9327E-04 (260, 5)
3	1.0659E-14 (238, 4)	2.9222E-04 (236, 5)	8.2519E-04 (236, 5)	7.1056E-04 (236, 5)	5.7226E-04 (234, 4)
4	2.0531E-14 (238, 4)	3.4592E-04 (238, 4)	4.4511E-04 (236, 5)	3.6053E-04 (236, 5)	4.3107E-04 (177, 4)
5	2.1792E-14 (238, 4)	3.7098E-04 (238, 4)	4.7873E-04 (238, 4)	3.7068E-04 (238, 4)	5.4727E-04 (200, 4)
6	9.6774E-15 (234, 4)	1.9770E-04 (238, 4)	4.7257E-04 (230, 5)	3.8373E-04 (230, 5)	5.5823E-04 (206, 5)
7	1.3404E-14 (238, 5)	1.7681E-04 (238, 5)	3.5423E-04 (234, 4)	4.2382E-04 (103, 4)	5.7832E-04 (230, 5)
8	2.9088E-14 (238, 5)	2.6006E-04 (230, 5)	6.5030E-04 (230, 5)	5.9923E-04 (238, 5)	5.4808E-04 (238, 5)
9	3.4783E-14 (238, 5)	1.0478E-04 (230, 5)	2.5140E-04 (230, 5)	3.4720E-04 (230, 5)	6.1345E-04 (220, 5)
10	3.1286E-14 (152, 5)	2.3003E-05 (257, 4)	2.0460E-04 (257, 4)	3.2039E-04 (152, 5)	4.7830E-04 (238, 5)
11	1.1499E-14 (152, 5)	6.5665E-05 (257, 4)	1.4129E-04 (238, 5)	2.5415E-04 (195, 4)	3.6107E-04 (195, 4)
12	1.6647E-15 (238, 5)	3.3095E-05 (159, 5)	6.2280E-05 (198, 4)	3.1020E-04 (198, 4)	5.3751E-04 (198, 4)
13	1.1056E-15 (262, 4)	6.5665E-05 (257, 4)	2.2252E-04 (159, 5)	1.6920E-04 (198, 5)	2.6359E-04 (198, 5)
14	5.8658E-15 (262, 4)	8.6698E-05 (262, 4)	2.0460E-04 (257, 4)	1.7169E-04 (257, 4)	2.3216E-04 (104, 4)
15	9.5226E-15 (159, 5)	3.0527E-04 (262, 4)	4.9053E-04 (262, 4)	3.6986E-04 (262, 4)	3.8388E-04 (222, 4)
16	6.2744E-15 (159, 5)	3.0874E-04 (159, 5)	4.4534E-04 (159, 5)	3.4382E-04 (159, 5)	2.9244E-04 (121, 4)
17	2.2780E-15 (159, 5)	9.4035E-05 (159, 5)	1.2008E-04 (159, 5)	1.4811E-04 (164, 4)	2.5968E-04 (317, 4)
18	4.5574E-16 (159, 5)	1.4232E-05 (159, 5)	4.3386E-05 (173, 4)	1.9129E-04 (173, 4)	2.7430E-04 (164, 4)
19	5.0239E-17 (159, 5)	1.0704E-06 (159, 5)	4.8709E-05 (98, 4)	1.2149E-04 (257, 4)	2.4431E-04 (257, 4)
20	3.0516E-18 (159, 5)	2.6726E-07 (98, 4)	1.4661E-05 (157, 4)	9.3558E-05 (157, 4)	2.1178E-04 (46, 5)
21	1.0366E-19 (164, 4)	2.0800E-07 (164, 4)	1.7707E-05 (137, 4)	1.2269E-04 (137, 4)	2.4320E-04 (157, 4)
22	3.1519E-19 (164, 4)	8.6513E-08 (164, 5)	2.7478E-05 (124, 4)	1.4214E-04 (124, 4)	2.4453E-04 (124, 4)
23	3.1519E-19 (164, 4)	4.0807E-07 (240, 4)	4.2820E-05 (164, 5)	1.7862E-04 (164, 5)	2.8068E-04 (164, 5)
24	5.8977E-17 (231, 4)	1.0728E-06 (152, 4)	4.7737E-05 (231, 5)	1.9785E-04 (231, 5)	3.4680E-04 (90, 4)
25	6.7903E-16 (231, 4)	9.3758E-06 (152, 4)	4.9510E-05 (240, 4)	1.1526E-04 (90, 4)	1.8142E-04 (90, 4)
26	4.3079E-15 (231, 4)	4.7745E-05 (231, 4)	2.3140E-04 (240, 4)	1.6872E-04 (240, 4)	2.5677E-04 (152, 4)
27	1.5060E-14 (231, 4)	2.0733E-04 (231, 4)	5.0027E-04 (240, 4)	3.8614E-04 (240, 4)	4.0402E-04 (101, 5)
28	2.1973E-14 (240, 4)	4.4442E-04 (240, 4)	5.0897E-04 (231, 4)	5.3539E-04 (231, 4)	6.3861E-04 (231, 4)
29	1.2107E-14 (240, 4)	2.2085E-04 (240, 4)	4.9709E-04 (152, 4)	4.2528E-04 (152, 4)	4.6400E-04 (138, 5)
30	3.6761E-15 (240, 4)	5.4535E-05 (240, 4)	1.1488E-04 (152, 4)	2.4834E-04 (207, 4)	4.3356E-04 (182, 4)
31	6.1502E-16 (240, 4)	6.6920E-06 (240, 4)	6.6692E-05 (236, 5)	2.2927E-04 (236, 5)	3.2942E-04 (236, 5)
32	5.6697E-17 (240, 4)	1.2524E-06 (218, 4)	3.4754E-05 (105, 4)	2.2848E-04 (230, 4)	4.6229E-04 (218, 4)
33	3.7793E-19 (218, 4)	5.8269E-07 (231, 4)	2.3720E-05 (145, 4)	1.7305E-04 (230, 4)	3.4006E-04 (218, 4)
34	8.0560E-19 (260, 4)	8.6665E-07 (260, 4)	5.6215E-05 (211, 4)	2.1328E-04 (218, 5)	3.3085E-04 (260, 4)
35	9.0036E-19 (260, 4)	2.5148E-06 (236, 5)	1.1879E-04 (211, 4)	3.8565E-04 (260, 4)	6.5090E-04 (211, 4)
36	4.1741E-17 (238, 4)	2.3570E-05 (236, 5)	7.5130E-05 (229, 4)	3.4372E-04 (229, 4)	4.6160E-04 (260, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MM3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.3581E-04 DIRECTION= 9 DISTANCE= 1.5 KM DAY=249

YEAR= 72

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	5.9688E-19 (215)	1.1509E-07 (211)	7.0908E-06 (136)	2.3537E-05 (111)	4.3404E-05 (211)
2	8.0356E-18 (229)	6.9300E-08 (211)	6.3441E-06 (111)	2.8005E-05 (111)	4.6556E-05 (111)
3	9.2518E-17 (229)	9.4204E-07 (215)	1.2286E-05 (110)	3.3839E-05 (135)	6.0235E-05 (135)
4	5.8695E-16 (229)	7.1584E-06 (215)	9.8429E-06 (110)	3.3853E-05 (195)	5.8494E-05 (102)
5	2.0519E-15 (229)	2.7944E-05 (229)	4.1134E-05 (229)	5.8883E-05 (211)	8.9238E-05 (211)
6	3.9524E-15 (229)	5.4723E-05 (238)	7.2582E-05 (238)	5.8654E-05 (211)	8.4201E-05 (194)
7	4.1952E-15 (229)	6.4685E-05 (229)	9.1756E-05 (238)	7.6445E-05 (238)	9.0731E-05 (194)
8	2.9284E-15 (222)	5.3441E-05 (222)	9.2367E-05 (249)	7.2486E-05 (249)	9.6045E-05 (195)
9	2.7257E-15 (207)	6.3527E-05 (207)	1.3581E-04 (249)	1.0964E-04 (249)	1.1148E-04 (124)
10	1.5940E-15 (207)	5.8465E-05 (150)	9.4456E-05 (189)	7.8655E-05 (189)	1.1182E-04 (242)
11	6.1611E-16 (150)	2.9050E-05 (150)	4.0449E-05 (189)	3.1637E-05 (189)	4.6195E-05 (242)
12	1.8707E-16 (150)	6.3476E-06 (222)	8.0122E-06 (189)	1.1791E-05 (248)	2.3649E-05 (222)
13	3.1297E-17 (150)	6.5025E-07 (222)	1.8730E-06 (146)	1.4814E-05 (23)	3.0190E-05 (23)
14	3.7229E-17 (222)	5.3675E-08 (150)	1.9929E-06 (282)	1.4803E-05 (282)	3.0496E-05 (289)
15	9.3678E-18 (189)	3.0562E-08 (189)	1.2609E-06 (263)	8.6207E-06 (240)	2.1581E-05 (240)
16	1.1448E-16 (189)	5.7644E-07 (189)	5.5044E-06 (263)	9.3420E-06 (93)	1.9727E-05 (93)
17	7.7089E-16 (189)	5.4061E-06 (189)	1.0218E-05 (263)	2.9638E-05 (247)	2.4657E-05 (247)
18	2.8604E-15 (189)	2.5253E-05 (189)	2.5970E-05 (189)	3.9770E-05 (263)	4.4632E-05 (247)
19	5.3163E-15 (247)	5.2074E-05 (247)	5.6352E-05 (247)	3.5286E-05 (247)	4.9295E-05 (252)
20	4.0507E-15 (163)	4.8323E-05 (163)	6.8798E-05 (163)	5.3527E-05 (163)	6.2291E-05 (252)
21	4.0901E-15 (189)	6.4002E-05 (189)	9.5948E-05 (189)	8.0977E-05 (163)	6.6642E-05 (163)
22	1.3991E-15 (189)	4.8323E-05 (163)	6.8798E-05 (163)	5.3527E-05 (163)	4.3003E-05 (163)
23	5.8695E-16 (248)	3.5556E-05 (189)	7.5237E-05 (189)	6.6919E-05 (189)	6.4921E-05 (189)
24	3.7342E-16 (163)	4.9999E-05 (247)	9.7393E-05 (247)	6.7850E-05 (247)	7.5721E-05 (158)
25	4.6376E-17 (163)	5.9780E-05 (248)	1.1601E-04 (186)	8.9502E-05 (186)	7.2346E-05 (186)
26	3.1736E-18 (163)	6.4110E-05 (248)	1.0516E-04 (156)	8.9217E-05 (156)	7.8143E-05 (156)
27	1.6594E-19 (217)	2.8089E-05 (247)	5.4362E-05 (247)	4.6063E-05 (156)	4.3108E-05 (267)
28	3.4977E-20 (217)	6.3054E-06 (156)	1.0605E-05 (248)	2.8964E-05 (154)	4.1539E-05 (154)
29	1.3636E-20 (154)	8.8989E-07 (156)	5.5408E-06 (214)	2.7264E-05 (27)	4.4745E-05 (186)
30	7.0907E-20 (212)	6.2409E-08 (156)	5.3246E-06 (241)	1.6014E-05 (223)	3.6735E-05 (228)
31	1.5444E-19 (212)	1.3915E-07 (212)	9.9536E-06 (212)	2.6976E-05 (248)	4.2450E-05 (196)
32	1.8751E-20 (248)	9.4789E-08 (212)	6.6664E-06 (212)	2.8520E-05 (196)	4.2960E-05 (248)
33	1.6644E-20 (248)	3.7760E-08 (186)	6.4249E-06 (196)	2.7656E-05 (196)	4.4516E-05 (196)
34	8.1405E-21 (248)	2.2607E-08 (186)	3.3965E-06 (186)	1.3750E-05 (186)	2.4191E-05 (240)
35	1.5225E-20 (136)	3.1292E-08 (136)	2.3137E-06 (136)	9.2821E-06 (238)	2.4394E-05 (238)
36	4.1424E-20 (136)	9.9244E-08 (136)	4.0035E-06 (211)	1.5201E-05 (315)	3.2704E-05 (64)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 1.0865E-03 DIRECTION= 9 DISTANCE= 1.5 KM DAY=249 TIME PERIOD= 4

YEAR= 72

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	4.7751E-18 (215, 4)	9.2075E-07 (211, 4)	5.6726E-05 (136, 4)	1.8710E-04 (136, 4)	2.8902E-04 (25, 5)
2	6.4285E-17 (229, 4)	5.5428E-07 (211, 4)	4.6349E-05 (110, 5)	1.3333E-04 (211, 4)	2.7780E-04 (55, 5)
3	7.4015E-16 (229, 4)	7.5363E-06 (215, 4)	9.7643E-05 (110, 5)	2.5030E-04 (135, 5)	3.8736E-04 (135, 5)
4	4.6956E-15 (229, 4)	5.7267E-05 (215, 4)	7.8724E-05 (110, 5)	2.7051E-04 (102, 5)	4.4348E-04 (241, 5)
5	1.6415E-14 (229, 4)	2.2355E-04 (229, 4)	3.2903E-04 (229, 4)	3.1078E-04 (102, 5)	5.1079E-04 (102, 5)
6	3.1620E-14 (229, 4)	4.3778E-04 (238, 5)	5.8065E-04 (238, 5)	4.5801E-04 (238, 5)	5.5356E-04 (211, 5)
7	3.3561E-14 (229, 4)	5.1740E-04 (229, 4)	7.3405E-04 (238, 5)	6.1151E-04 (238, 5)	5.3896E-04 (229, 4)
8	2.3427E-14 (222, 4)	4.2752E-04 (222, 4)	7.3891E-04 (249, 4)	5.7978E-04 (249, 4)	5.3822E-04 (216, 5)
9	2.1804E-14 (207, 4)	5.0822E-04 (207, 4)	1.0865E-03 (249, 4)	8.7711E-04 (249, 4)	7.5012E-04 (222, 4)
10	1.2752E-14 (207, 4)	4.6772E-04 (150, 5)	7.5565E-04 (189, 4)	6.2924E-04 (189, 4)	6.4019E-04 (183, 5)
11	4.9289E-15 (150, 5)	2.3240E-04 (150, 5)	3.2359E-04 (189, 4)	2.5309E-04 (189, 4)	3.2992E-04 (248, 5)
12	1.4965E-15 (150, 5)	5.0780E-05 (222, 4)	6.4098E-05 (189, 4)	9.4329E-05 (248, 5)	1.5167E-04 (146, 5)
13	2.5037E-16 (150, 5)	5.2020E-06 (222, 4)	1.4661E-05 (289, 4)	9.3564E-05 (289, 4)	2.0114E-04 (146, 5)
14	2.9783E-16 (222, 4)	4.2940E-07 (150, 5)	1.5943E-05 (282, 4)	1.1842E-04 (282, 4)	2.4320E-04 (289, 4)
15	7.4943E-17 (189, 5)	2.4450E-07 (189, 5)	9.8426E-06 (116, 5)	6.8966E-05 (240, 5)	1.7265E-04 (240, 5)
16	9.1585E-16 (189, 5)	4.6115E-06 (189, 5)	3.8732E-05 (263, 4)	7.4734E-05 (93, 5)	1.5777E-04 (93, 5)
17	6.1671E-15 (189, 5)	4.3249E-05 (189, 5)	4.3266E-05 (263, 5)	2.3514E-04 (247, 5)	1.8441E-04 (247, 5)
18	2.2883E-14 (189, 5)	2.0202E-04 (189, 5)	2.0695E-04 (189, 5)	2.6421E-04 (263, 5)	3.1194E-04 (247, 5)
19	4.2530E-14 (247, 5)	4.1659E-04 (247, 5)	4.5077E-04 (247, 5)	2.7749E-04 (247, 5)	2.3330E-04 (260, 4)
20	3.2405E-14 (163, 4)	3.8658E-04 (163, 4)	5.5039E-04 (163, 4)	4.2822E-04 (163, 4)	3.4402E-04 (163, 4)
21	3.2720E-14 (189, 5)	5.1201E-04 (189, 5)	7.5990E-04 (189, 5)	5.6756E-04 (189, 5)	4.4977E-04 (189, 5)
22	1.1193E-14 (189, 5)	3.8658E-04 (163, 4)	5.5039E-04 (163, 4)	4.2822E-04 (163, 4)	3.4402E-04 (163, 4)
23	4.6956E-15 (248, 5)	2.8445E-04 (189, 5)	5.9824E-04 (189, 5)	4.8791E-04 (189, 5)	4.3884E-04 (158, 5)
24	2.9874E-15 (163, 4)	2.4498E-04 (247, 4)	4.9476E-04 (247, 4)	4.0543E-04 (156, 4)	5.1341E-04 (158, 5)
25	3.7101E-16 (163, 4)	3.5562E-04 (186, 4)	7.3253E-04 (156, 4)	6.3359E-04 (156, 4)	5.3771E-04 (247, 4)
26	2.5388E-17 (163, 4)	3.1193E-04 (247, 5)	7.3089E-04 (248, 5)	5.8331E-04 (248, 5)	5.8239E-04 (156, 4)
27	1.3275E-18 (217, 4)	1.7761E-04 (156, 4)	3.6517E-04 (248, 5)	2.7687E-04 (248, 5)	3.4295E-04 (267, 4)
28	2.7982E-19 (217, 4)	5.0443E-05 (156, 4)	8.4394E-05 (248, 5)	1.3750E-04 (339, 4)	3.0481E-04 (339, 4)
29	1.0909E-19 (154, 4)	7.1191E-06 (156, 4)	4.4326E-05 (214, 4)	1.9046E-04 (214, 4)	3.0372E-04 (214, 4)
30	5.6725E-19 (212, 5)	6.2293E-07 (248, 5)	4.2597E-05 (241, 4)	1.2811E-04 (223, 4)	2.7318E-04 (251, 4)
31	1.2355E-18 (212, 5)	1.1123E-06 (212, 5)	7.8174E-05 (212, 5)	2.1581E-04 (248, 4)	3.1608E-04 (223, 4)
32	1.5001E-19 (248, 4)	7.5710E-07 (212, 5)	5.1373E-05 (212, 5)	1.5728E-04 (212, 5)	2.5269E-04 (196, 4)
33	1.3315E-19 (248, 4)	3.0207E-07 (186, 4)	4.7558E-05 (186, 4)	1.9977E-04 (186, 4)	3.1574E-04 (186, 4)
34	6.5124E-20 (248, 4)	1.8086E-07 (186, 4)	2.7172E-05 (186, 4)	1.1000E-04 (186, 4)	1.9215E-04 (240, 5)
35	1.2180E-19 (136, 4)	2.5033E-07 (136, 4)	1.8509E-05 (136, 4)	7.4257E-05 (238, 4)	1.9515E-04 (238, 4)
36	3.3139E-19 (136, 4)	7.9396E-07 (136, 4)	3.2027E-05 (211, 4)	1.2045E-04 (315, 4)	2.6163E-04 (64, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAX3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.4895E-04 DIRECTION= 6 DISTANCE= 1.5 KM DAY=222

YEAR= 73

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	4.9878E-16 (236)	2.9469E-05 (163)	6.5731E-05 (199)	5.1103E-05 (199)	5.2732E-05 (160)
2	1.2943E-15 (236)	4.3250E-05 (236)	7.0425E-05 (236)	6.7966E-05 (151)	5.8556E-05 (199)
3	1.8507E-15 (236)	4.5280E-05 (199)	8.4895E-05 (173)	7.7084E-05 (151)	7.7874E-05 (215)
4	1.8142E-15 (192)	4.9744E-05 (236)	1.3485E-04 (173)	1.1044E-04 (173)	9.6399E-05 (173)
5	2.2456E-15 (222)	7.2005E-05 (222)	1.2656E-04 (192)	1.2067E-04 (192)	1.2538E-04 (192)
6	2.8501E-15 (222)	8.5061E-05 (182)	1.4895E-04 (222)	1.1630E-04 (222)	9.7214E-05 (209)
7	1.9933E-15 (222)	6.2645E-05 (222)	9.6204E-05 (222)	9.0159E-05 (182)	1.2532E-04 (187)
8	7.6823E-16 (222)	2.0572E-05 (222)	3.6244E-05 (222)	7.4475E-05 (181)	1.1532E-04 (181)
9	2.4272E-16 (259)	4.3852E-06 (259)	1.8904E-05 (132)	8.0114E-05 (132)	1.1316E-04 (152)
10	2.7643E-16 (218)	2.5170E-05 (259)	3.4570E-05 (259)	5.3282E-05 (132)	8.8513E-05 (132)
11	3.8681E-17 (218)	6.1389E-06 (218)	1.4469E-05 (218)	4.3350E-05 (208)	6.8078E-05 (169)
12	2.9830E-18 (218)	7.6995E-07 (218)	8.3010E-06 (143)	2.6570E-05 (143)	4.6029E-05 (100)
13	1.8053E-18 (119)	8.0425E-07 (119)	3.5307E-06 (138)	1.4226E-05 (103)	3.1885E-05 (103)
14	2.2938E-17 (238)	6.9786E-06 (119)	1.5547E-05 (119)	2.5291E-05 (197)	3.9771E-05 (197)
15	2.0808E-16 (238)	4.3808E-06 (259)	4.7543E-06 (259)	1.7560E-05 (118)	4.4235E-05 (119)
16	1.5768E-16 (119)	1.2473E-05 (238)	1.2774E-05 (238)	2.5693E-05 (95)	4.3915E-05 (95)
17	2.1242E-16 (119)	4.0951E-05 (238)	4.7376E-05 (238)	3.5013E-05 (238)	3.2134E-05 (95)
18	1.5768E-16 (119)	5.5116E-05 (119)	8.1273E-05 (238)	6.2507E-05 (238)	5.1386E-05 (238)
19	2.0238E-16 (221)	1.7672E-05 (119)	2.6962E-05 (119)	3.2854E-05 (233)	3.9509E-05 (238)
20	9.5306E-16 (221)	2.1824E-05 (238)	2.3671E-05 (238)	3.1672E-05 (183)	6.1035E-05 (183)
21	1.5717E-15 (191)	4.1796E-05 (233)	6.8164E-05 (221)	6.0602E-05 (221)	8.0496E-05 (183)
22	3.5363E-15 (221)	6.7262E-05 (221)	1.0877E-04 (221)	9.6024E-05 (221)	9.3620E-05 (191)
23	2.7862E-15 (221)	5.0873E-05 (221)	8.4255E-05 (221)	9.0729E-05 (221)	1.0615E-04 (221)
24	1.2096E-15 (221)	1.9131E-05 (221)	3.2138E-05 (221)	4.6164E-05 (221)	6.4176E-05 (221)
25	2.8937E-16 (221)	2.6056E-05 (260)	7.0764E-05 (191)	6.8056E-05 (191)	6.8589E-05 (191)
26	3.8144E-17 (221)	9.7093E-06 (191)	1.6146E-05 (191)	4.0436E-05 (154)	7.2119E-05 (154)
27	2.7706E-18 (221)	1.0080E-06 (191)	1.2035E-05 (158)	4.4208E-05 (158)	6.8176E-05 (154)
28	8.6088E-18 (191)	1.3566E-07 (158)	1.3689E-05 (158)	4.5817E-05 (239)	7.7055E-05 (239)
29	4.5194E-20 (204)	1.1783E-06 (233)	6.2584E-06 (260)	3.5077E-05 (238)	7.1612E-05 (238)
30	1.3742E-19 (204)	7.5181E-07 (261)	8.4364E-06 (204)	2.5067E-05 (238)	4.6312E-05 (171)
31	1.8986E-19 (217)	6.1267E-06 (261)	1.3905E-05 (261)	3.3028E-05 (233)	3.8988E-05 (217)
32	3.4732E-19 (217)	2.4811E-05 (261)	6.4991E-05 (261)	6.5323E-05 (217)	8.9619E-05 (224)
33	5.2864E-18 (199)	4.9928E-05 (261)	8.0787E-05 (233)	6.6040E-05 (224)	9.6613E-05 (202)
34	7.2782E-17 (199)	2.7411E-05 (233)	3.4596E-05 (233)	4.9247E-05 (217)	8.7820E-05 (217)
35	4.7314E-16 (233)	2.4811E-05 (261)	6.4991E-05 (261)	4.8198E-05 (261)	5.4810E-05 (228)
36	1.0591E-16 (236)	1.9564E-05 (199)	2.2336E-05 (199)	5.4087E-05 (160)	7.8517E-05 (160)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 1.0838E-03 DIRECTION= 5 DISTANCE= 1.5 KM DAY=182 TIME PERIOD= 5

YEAR= 73

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	3.9903E-15 (236, 4)	2.3575E-04 (163, 4)	5.2585E-04 (199, 4)	4.0883E-04 (199, 4)	3.6741E-04 (160, 4)
2	1.0355E-14 (236, 4)	3.4600E-04 (236, 4)	5.6340E-04 (236, 4)	4.3281E-04 (236, 4)	4.6845E-04 (199, 4)
3	1.4806E-14 (236, 4)	3.6224E-04 (199, 4)	6.7905E-04 (173, 5)	5.3063E-04 (173, 5)	5.4334E-04 (151, 5)
4	1.4514E-14 (192, 4)	3.4089E-04 (182, 4)	8.2041E-04 (182, 4)	6.6800E-04 (182, 4)	6.1477E-04 (182, 4)
5	1.7965E-14 (222, 4)	5.4659E-04 (192, 4)	1.0838E-03 (182, 5)	9.3227E-04 (192, 4)	8.7184E-04 (192, 4)
6	2.2801E-14 (222, 4)	5.4594E-04 (192, 4)	9.6313E-04 (192, 4)	8.0017E-04 (182, 5)	7.1121E-04 (182, 5)
7	1.5946E-14 (222, 4)	5.0085E-04 (222, 4)	7.4938E-04 (222, 4)	5.6407E-04 (222, 4)	6.4728E-04 (216, 5)
8	6.1450E-15 (222, 4)	1.6360E-04 (222, 4)	2.1826E-04 (222, 4)	3.4677E-04 (181, 4)	5.7623E-04 (181, 4)
9	1.9417E-15 (259, 4)	3.5046E-05 (259, 4)	7.9991E-05 (140, 5)	3.2355E-04 (132, 5)	5.5657E-04 (132, 5)
10	2.2114E-15 (218, 4)	2.0133E-04 (259, 4)	2.6190E-04 (259, 4)	2.6718E-04 (208, 4)	3.9371E-04 (140, 4)
11	3.0944E-16 (218, 4)	4.9111E-05 (218, 4)	1.1550E-04 (218, 4)	3.4680E-04 (208, 4)	5.1023E-04 (259, 4)
12	2.3864E-17 (218, 4)	6.1583E-06 (218, 4)	6.6155E-05 (143, 5)	2.0821E-04 (143, 5)	2.8687E-04 (143, 5)
13	1.4442E-17 (119, 5)	4.6829E-06 (119, 4)	2.8242E-05 (138, 4)	1.1141E-04 (197, 5)	2.0389E-04 (103, 5)
14	1.8351E-16 (238, 5)	3.5585E-05 (119, 4)	1.0320E-04 (119, 4)	2.0233E-04 (197, 5)	3.1817E-04 (197, 5)
15	1.6647E-15 (238, 5)	1.1629E-04 (119, 5)	1.4550E-04 (119, 5)	1.2495E-04 (138, 4)	2.3139E-04 (118, 4)
16	1.2614E-15 (119, 5)	2.5214E-04 (119, 4)	4.6252E-04 (119, 5)	3.5953E-04 (119, 5)	2.8887E-04 (119, 5)
17	1.6993E-15 (119, 5)	3.2761E-04 (238, 5)	6.8006E-04 (119, 5)	5.4390E-04 (119, 5)	4.4766E-04 (119, 5)
18	1.2614E-15 (119, 5)	3.3199E-04 (119, 5)	4.6252E-04 (119, 5)	3.5953E-04 (119, 5)	3.1077E-04 (190, 5)
19	1.6190E-15 (221, 5)	1.1629E-04 (119, 5)	2.0646E-04 (233, 5)	2.0266E-04 (233, 5)	3.1607E-04 (238, 5)
20	7.6245E-15 (221, 5)	1.7459E-04 (238, 5)	1.8936E-04 (238, 5)	1.7204E-04 (183, 4)	2.8823E-04 (183, 4)
21	6.7075E-15 (191, 4)	3.3433E-04 (233, 5)	5.3990E-04 (221, 5)	4.1787E-04 (221, 5)	4.5881E-04 (183, 4)
22	1.8475E-14 (191, 4)	3.3262E-04 (191, 4)	5.4263E-04 (191, 4)	4.7038E-04 (191, 4)	5.1304E-04 (233, 4)
23	2.7624E-14 (191, 5)	5.2068E-04 (191, 5)	7.7039E-04 (191, 5)	6.5543E-04 (221, 5)	6.5542E-04 (221, 5)
24	2.3448E-14 (191, 4)	4.4003E-04 (191, 4)	6.6031E-04 (191, 5)	5.2203E-04 (191, 5)	4.7617E-04 (120, 4)
25	1.0805E-14 (191, 4)	1.9561E-04 (191, 5)	3.0433E-04 (191, 4)	3.5116E-04 (191, 4)	3.6685E-04 (260, 5)
26	2.7436E-15 (191, 4)	4.1998E-05 (191, 5)	8.1163E-05 (191, 4)	2.1931E-04 (154, 5)	3.5201E-04 (154, 5)
27	3.8386E-16 (191, 4)	4.4809E-06 (191, 5)	9.6282E-05 (150, 4)	3.5331E-04 (158, 4)	5.2082E-04 (260, 5)
28	3.9277E-17 (191, 5)	1.0853E-06 (158, 4)	1.0951E-04 (158, 4)	2.1905E-04 (260, 5)	4.1548E-04 (238, 4)
29	3.6156E-19 (204, 5)	9.4261E-06 (233, 5)	4.9527E-05 (239, 5)	1.5329E-04 (158, 4)	2.9662E-04 (238, 3)
30	1.0994E-18 (204, 5)	6.0145E-06 (261, 4)	6.7491E-05 (204, 5)	1.7186E-04 (171, 4)	3.4702E-04 (238, 3)
31	1.0994E-18 (204, 5)	4.9014E-05 (261, 4)	1.1124E-04 (261, 4)	2.6423E-04 (233, 5)	2.9107E-04 (204, 5)
32	1.5429E-18 (217, 5)	1.9849E-04 (261, 4)	5.1992E-04 (261, 4)	3.8558E-04 (261, 4)	4.5051E-04 (224, 5)
33	4.2291E-17 (199, 4)	3.9943E-04 (261, 4)	6.4630E-04 (233, 5)	5.1243E-04 (233, 5)	5.5808E-04 (224, 5)
34	5.8225E-16 (199, 4)	2.1929E-04 (233, 5)	2.7676E-04 (233, 5)	2.5247E-04 (217, 4)	4.6254E-04 (217, 4)
35	3.7851E-15 (233, 5)	1.9849E-04 (261, 4)	5.1992E-04 (261, 4)	3.8558E-04 (261, 4)	3.1574E-04 (150, 4)
36	8.4731E-16 (236, 4)	1.5651E-04 (199, 4)	1.7869E-04 (199, 4)	2.6567E-04 (160, 4)	3.6659E-04 (160, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.3358E-04 DIRECTION= 28 DISTANCE= 1.5 KM DAY=227

YEAR= 74

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	2.5771E-15 (237)	2.2265E-05 (237)	2.5234E-05 (237)	4.5960E-05 (242)	6.9128E-05 (242)
2	6.5436E-16 (237)	4.4576E-06 (237)	1.0805E-05 (207)	4.3556E-05 (207)	5.6200E-05 (221)
3	7.6812E-16 (199)	1.4209E-05 (199)	1.7281E-05 (152)	4.6371E-05 (207)	7.0505E-05 (207)
4	6.2159E-16 (221)	1.9339E-05 (200)	5.1776E-05 (199)	4.0413E-05 (200)	6.1325E-05 (229)
5	9.2308E-17 (221)	4.1736E-05 (200)	8.2230E-05 (199)	6.3577E-05 (199)	8.5232E-05 (158)
6	3.2570E-16 (156)	4.4762E-05 (200)	6.0409E-05 (199)	5.4744E-05 (151)	9.5052E-05 (151)
7	9.7491E-16 (199)	2.3855E-05 (200)	3.3233E-05 (156)	5.1768E-05 (256)	7.8600E-05 (190)
8	2.3322E-16 (199)	2.3920E-05 (109)	6.1826E-05 (109)	5.1004E-05 (109)	7.4476E-05 (196)
9	3.0742E-17 (199)	3.6390E-05 (109)	9.3131E-05 (156)	7.9032E-05 (156)	7.8847E-05 (173)
10	3.0833E-18 (173)	3.5938E-05 (223)	7.2134E-05 (109)	6.0189E-05 (109)	6.9004E-05 (173)
11	1.0140E-18 (173)	2.2561E-05 (211)	6.7911E-05 (223)	5.3892E-05 (223)	4.6685E-05 (223)
12	1.0967E-19 (173)	2.0539E-05 (223)	3.4191E-05 (223)	2.9225E-05 (223)	5.8724E-05 (167)
13	9.7098E-20 (211)	5.4391E-06 (223)	7.8778E-06 (223)	2.4132E-05 (237)	3.7641E-05 (237)
14	7.2076E-20 (211)	1.6375E-06 (234)	3.5091E-06 (234)	7.3161E-06 (237)	2.1699E-05 (99)
15	1.8888E-20 (234)	1.0089E-05 (234)	2.6047E-05 (234)	1.8384E-05 (234)	1.8993E-05 (109)
16	4.9014E-20 (234)	1.8549E-06 (211)	3.9567E-06 (211)	1.7391E-05 (282)	4.2018E-05 (338)
17	7.0084E-20 (234)	1.8862E-06 (243)	3.1624E-06 (243)	1.3763E-05 (180)	3.3878E-05 (338)
18	1.8939E-18 (233)	1.0836E-05 (243)	2.1732E-05 (243)	2.0765E-05 (108)	4.1280E-05 (108)
19	2.9375E-17 (233)	1.3345E-05 (234)	3.5456E-05 (234)	2.5602E-05 (234)	3.3250E-05 (108)
20	2.5106E-16 (233)	3.3131E-05 (196)	3.7171E-05 (196)	2.5900E-05 (196)	3.7092E-05 (114)
21	1.1823E-15 (233)	3.0932E-05 (243)	6.9081E-05 (243)	5.4734E-05 (196)	4.5393E-05 (243)
22	2.0693E-15 (196)	5.7970E-05 (196)	6.8877E-05 (196)	5.0385E-05 (196)	5.6070E-05 (233)
23	1.2082E-15 (204)	6.3107E-05 (190)	1.1698E-04 (190)	9.1221E-05 (190)	7.4619E-05 (190)
24	2.4702E-15 (204)	6.3107E-05 (190)	1.0872E-04 (233)	8.3024E-05 (233)	7.1445E-05 (286)
25	1.5006E-15 (233)	3.1360E-05 (190)	5.5853E-05 (260)	4.1238E-05 (260)	6.7478E-05 (305)
26	1.8141E-15 (227)	4.3494E-05 (180)	8.2659E-05 (180)	8.4488E-05 (180)	8.5154E-05 (180)
27	3.2922E-15 (227)	7.0870E-05 (180)	1.3346E-04 (227)	1.1137E-04 (260)	1.0612E-04 (116)
28	3.2922E-15 (227)	6.4086E-05 (172)	1.3358E-04 (227)	1.0474E-04 (227)	8.8211E-05 (227)
29	1.8141E-15 (227)	4.1914E-05 (227)	8.2510E-05 (243)	6.3324E-05 (243)	5.6379E-05 (227)
30	7.9072E-16 (172)	2.3295E-05 (164)	6.3258E-05 (164)	4.7141E-05 (164)	4.0371E-05 (219)
31	1.3360E-15 (221)	3.8570E-05 (243)	6.0765E-05 (159)	5.2750E-05 (237)	7.9170E-05 (237)
32	3.2674E-15 (221)	5.0810E-05 (221)	7.6986E-05 (159)	6.7857E-05 (97)	6.5506E-05 (221)
33	4.7221E-15 (221)	5.7633E-05 (97)	8.1911E-05 (97)	8.2883E-05 (97)	9.3678E-05 (97)
34	3.4788E-15 (221)	4.1780E-05 (237)	5.0565E-05 (237)	6.2005E-05 (159)	7.8634E-05 (221)
35	2.4640E-15 (221)	2.8611E-05 (221)	4.3306E-05 (221)	6.4082E-05 (159)	6.2706E-05 (242)
36	3.5989E-15 (221)	4.1164E-05 (221)	6.0959E-05 (221)	5.3452E-05 (237)	5.4593E-05 (221)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 1.0687E-03 DIRECTION= 28 DISTANCE= 1.5 KM DAY=227 TIME PERIOD= 4

YEAR= 74

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	2.0617E-14 (237, 5)	1.7812E-04 (237, 5)	2.0187E-04 (237, 5)	2.6938E-04 (242, 5)	3.7186E-04 (210, 4)
2	5.2349E-15 (237, 5)	3.5661E-05 (237, 5)	6.5266E-05 (207, 4)	2.0373E-04 (207, 4)	3.0698E-04 (207, 5)
3	6.1450E-15 (199, 5)	1.1367E-04 (199, 5)	1.2004E-04 (199, 5)	2.2602E-04 (158, 5)	3.0982E-04 (152, 4)
4	4.9727E-15 (221, 5)	1.5471E-04 (200, 4)	4.1421E-04 (199, 5)	3.2330E-04 (200, 4)	4.9060E-04 (229, 4)
5	7.3847E-16 (221, 5)	3.3389E-04 (200, 4)	6.5784E-04 (199, 5)	5.0862E-04 (199, 5)	6.2632E-04 (234, 5)
6	2.6050E-15 (156, 4)	3.5809E-04 (200, 4)	4.8327E-04 (199, 5)	3.7099E-04 (204, 5)	5.7728E-04 (151, 5)
7	7.7992E-15 (199, 5)	1.9084E-04 (200, 4)	2.4955E-04 (156, 4)	3.4838E-04 (205, 5)	4.9876E-04 (200, 4)
8	1.8658E-15 (199, 5)	1.9136E-04 (109, 5)	4.9461E-04 (109, 5)	4.0803E-04 (109, 5)	5.4499E-04 (197, 5)
9	2.4594E-16 (199, 5)	2.9112E-04 (109, 5)	7.4503E-04 (156, 4)	6.3223E-04 (156, 4)	5.5195E-04 (109, 5)
10	2.4667E-17 (173, 5)	2.8749E-04 (223, 4)	5.7707E-04 (109, 5)	4.8151E-04 (109, 5)	5.0982E-04 (156, 4)
11	8.1119E-18 (173, 5)	9.5254E-05 (211, 5)	5.4232E-04 (223, 4)	4.2092E-04 (223, 4)	3.4506E-04 (223, 4)
12	8.7737E-19 (173, 5)	1.6431E-04 (223, 4)	3.3132E-04 (211, 5)	2.8001E-04 (211, 5)	3.1099E-04 (195, 5)
13	7.7678E-19 (211, 4)	4.3513E-05 (223, 4)	6.2620E-05 (223, 4)	1.9305E-04 (237, 5)	3.0112E-04 (237, 5)
14	5.7661E-19 (211, 4)	1.3100E-05 (234, 4)	2.8071E-05 (234, 4)	5.8529E-05 (237, 5)	1.2843E-04 (99, 5)
15	1.5111E-19 (234, 4)	8.0708E-05 (234, 4)	2.0837E-04 (234, 4)	1.4707E-04 (234, 4)	1.5194E-04 (109, 6)
16	3.9211E-19 (234, 4)	1.4839E-05 (211, 4)	3.1654E-05 (211, 4)	1.2478E-04 (338, 5)	3.1425E-04 (338, 5)
17	5.6067E-19 (234, 4)	1.5090E-05 (243, 5)	2.5299E-05 (243, 5)	1.1011E-04 (180, 5)	2.1243E-04 (180, 5)
18	1.5151E-17 (233, 4)	8.6685E-05 (243, 5)	1.7386E-04 (243, 5)	1.4525E-04 (108, 5)	2.7573E-04 (311, 5)
19	2.3500E-16 (233, 4)	1.0676E-04 (234, 4)	2.8365E-04 (234, 4)	2.0481E-04 (234, 4)	2.4040E-04 (108, 5)
20	2.0084E-15 (233, 4)	2.6505E-04 (196, 4)	2.9737E-04 (196, 4)	2.0784E-04 (196, 4)	2.9590E-04 (114, 4)
21	9.4585E-15 (233, 4)	2.4746E-04 (243, 5)	5.5265E-04 (243, 5)	4.3787E-04 (196, 4)	3.5860E-04 (196, 4)
22	1.6554E-14 (196, 4)	4.6376E-04 (196, 4)	5.5102E-04 (196, 4)	4.0308E-04 (196, 4)	3.2852E-04 (196, 4)
23	9.6657E-15 (204, 4)	5.0485E-04 (190, 4)	9.3582E-04 (190, 4)	7.2977E-04 (190, 4)	5.9695E-04 (190, 4)
24	1.9762E-14 (204, 4)	5.0485E-04 (190, 4)	8.6974E-04 (233, 4)	6.6020E-04 (233, 4)	5.4831E-04 (233, 4)
25	1.2005E-14 (233, 4)	2.5088E-04 (190, 4)	4.4683E-04 (260, 4)	3.2990E-04 (260, 4)	5.1630E-04 (286, 5)
26	1.4513E-14 (227, 4)	3.4795E-04 (180, 4)	6.6127E-04 (180, 4)	6.7591E-04 (180, 4)	6.6915E-04 (260, 4)
27	2.6338E-14 (227, 4)	5.6696E-04 (180, 4)	1.0677E-03 (227, 4)	8.9100E-04 (260, 4)	7.3042E-04 (260, 4)
28	2.6338E-14 (227, 4)	5.1269E-04 (172, 4)	1.0687E-03 (227, 4)	8.3789E-04 (227, 4)	7.0515E-04 (164, 4)
29	1.4513E-14 (227, 4)	3.3531E-04 (227, 4)	6.6008E-04 (243, 4)	5.0659E-04 (243, 4)	4.4869E-04 (227, 4)
30	6.3257E-15 (172, 4)	1.8636E-04 (164, 4)	5.0604E-04 (164, 4)	3.7666E-04 (164, 4)	3.1174E-04 (219, 5)
31	1.0688E-14 (221, 4)	3.0856E-04 (243, 4)	4.8604E-04 (159, 5)	4.2067E-04 (237, 4)	6.2522E-04 (237, 4)
32	2.6129E-14 (221, 4)	4.0643E-04 (221, 4)	6.1317E-04 (159, 5)	5.2149E-04 (221, 4)	4.6598E-04 (243, 4)
33	3.5200E-14 (221, 4)	4.6107E-04 (97, 5)	6.5512E-04 (97, 5)	6.5614E-04 (97, 5)	6.4912E-04 (221, 4)
34	2.6129E-14 (221, 4)	3.3424E-04 (237, 5)	4.0404E-04 (237, 5)	3.4933E-04 (97, 5)	4.2693E-04 (97, 5)
35	1.0688E-14 (221, 4)	1.4237E-04 (221, 4)	2.1453E-04 (221, 4)	4.1985E-04 (159, 5)	4.5073E-04 (237, 5)
36	2.6383E-14 (221, 5)	3.0450E-04 (221, 5)	4.4144E-04 (221, 5)	3.3607E-04 (221, 5)	3.4655E-04 (237, 5)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MM3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.2514E-04 DIRECTION= 1 DISTANCE= 1.5 KM DAY=162

YEAR= 75

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	4.1952E-15 (162)	7.2544E-05 (162)	1.2514E-04 (162)	9.7564E-05 (162)	8.1917E-05 (120)
2	2.4536E-15 (162)	6.5256E-05 (126)	1.0579E-04 (126)	8.4354E-05 (126)	7.1755E-05 (218)
3	2.1220E-15 (171)	5.4296E-05 (179)	7.2195E-05 (179)	6.5801E-05 (126)	6.3575E-05 (135)
4	2.8586E-15 (171)	6.5660E-05 (145)	8.4196E-05 (179)	6.6802E-05 (179)	8.0169E-05 (161)
5	2.6637E-15 (145)	4.6830E-05 (171)	6.3658E-05 (171)	6.6961E-05 (161)	8.3049E-05 (132)
6	3.2224E-15 (181)	5.2702E-05 (181)	6.4169E-05 (185)	6.0385E-05 (181)	7.3019E-05 (176)
7	1.6729E-15 (181)	4.0174E-05 (185)	1.1371E-04 (185)	9.8222E-05 (176)	1.0769E-04 (178)
8	4.7854E-16 (181)	3.2576E-05 (185)	6.1114E-05 (176)	6.9564E-05 (115)	9.9091E-05 (115)
9	7.5429E-17 (181)	9.8335E-06 (176)	2.6105E-05 (230)	5.4363E-05 (165)	1.0427E-04 (179)
10	1.4041E-16 (176)	2.8259E-06 (185)	9.5140E-06 (167)	4.5062E-05 (166)	8.2490E-05 (166)
11	1.5379E-17 (177)	3.1468E-07 (177)	1.0605E-05 (231)	3.3211E-05 (231)	5.6092E-05 (140)
12	1.3144E-16 (177)	3.5928E-06 (177)	8.9860E-06 (128)	2.8149E-05 (128)	5.3947E-05 (97)
13	3.0607E-16 (97)	2.2101E-05 (177)	2.8310E-05 (177)	2.6111E-05 (230)	4.5193E-05 (230)
14	1.0469E-16 (97)	9.6396E-06 (97)	1.1493E-05 (144)	2.3895E-05 (180)	4.2066E-05 (180)
15	1.9733E-17 (97)	2.1132E-05 (144)	4.9732E-05 (144)	3.9612E-05 (144)	3.8449E-05 (244)
16	2.0494E-18 (97)	3.9653E-05 (144)	9.9539E-05 (144)	8.3453E-05 (144)	6.8427E-05 (144)
17	1.1728E-19 (97)	2.9234E-05 (177)	3.8220E-05 (177)	3.1652E-05 (95)	5.8250E-05 (95)
18	4.2071E-18 (176)	7.6101E-06 (143)	1.8039E-05 (143)	2.3451E-05 (143)	2.9590E-05 (95)
19	2.4774E-17 (177)	3.9450E-06 (144)	7.8168E-06 (144)	1.5844E-05 (94)	2.8565E-05 (94)
20	1.7995E-18 (177)	9.7504E-06 (176)	1.1553E-05 (176)	3.2972E-05 (106)	5.8180E-05 (106)
21	4.2049E-20 (143)	3.3047E-05 (143)	5.8034E-05 (176)	5.0384E-05 (176)	5.7871E-05 (176)
22	2.2431E-20 (236)	1.3314E-05 (143)	3.2067E-05 (143)	3.1931E-05 (143)	4.1711E-05 (141)
23	1.3296E-19 (236)	8.5112E-06 (116)	2.0042E-05 (116)	3.0247E-05 (181)	5.6560E-05 (181)
24	5.6912E-18 (217)	3.5603E-05 (116)	7.2290E-05 (176)	5.4515E-05 (236)	5.7093E-05 (116)
25	7.3821E-17 (217)	1.3832E-05 (176)	1.6707E-05 (176)	4.2051E-05 (250)	6.7106E-05 (250)
26	7.3514E-17 (176)	4.4135E-06 (217)	1.2706E-05 (250)	4.5834E-05 (247)	8.7357E-05 (247)
27	3.7342E-16 (219)	2.2045E-05 (217)	2.5984E-05 (217)	5.8023E-05 (248)	1.0192E-04 (248)
28	1.6568E-15 (219)	1.6957E-05 (219)	2.5022E-05 (143)	5.7033E-05 (217)	7.4613E-05 (248)
29	4.0507E-15 (219)	4.8407E-05 (219)	7.1208E-05 (219)	5.6541E-05 (219)	6.3213E-05 (250)
30	3.5530E-15 (217)	4.1878E-05 (143)	9.1960E-05 (143)	8.6855E-05 (217)	8.5889E-05 (219)
31	2.1220E-15 (242)	4.8407E-05 (219)	7.8822E-05 (143)	6.6682E-05 (143)	5.7434E-05 (143)
32	1.6568E-15 (219)	1.6957E-05 (219)	3.2561E-05 (143)	3.6610E-05 (114)	5.4310E-05 (258)
33	3.7342E-16 (219)	3.3803E-06 (143)	1.0277E-05 (254)	4.5802E-05 (114)	7.5007E-05 (114)
34	5.8695E-16 (162)	7.2172E-06 (162)	1.0586E-05 (114)	3.4811E-05 (260)	6.1309E-05 (260)
35	1.2899E-15 (218)	1.7413E-05 (218)	2.3115E-05 (218)	2.9946E-05 (161)	4.4898E-05 (147)
36	3.5529E-15 (218)	5.7169E-05 (218)	8.5016E-05 (218)	6.3651E-05 (218)	5.5390E-05 (120)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 1.0011E-03 DIRECTION= 1 DISTANCE= 1.5 KM DAY=162 TIME PERIOD= 4

YEAR= 75

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	3.3561E-14 (162, 4)	5.8035E-04 (162, 4)	1.0011E-03 (162, 4)	7.8052E-04 (162, 4)	6.5533E-04 (120, 4)
2	1.9629E-14 (162, 4)	5.2204E-04 (126, 4)	8.4634E-04 (126, 4)	6.7483E-04 (126, 4)	5.5483E-04 (126, 4)
3	1.6976E-14 (171, 4)	4.3436E-04 (179, 5)	5.7731E-04 (179, 5)	4.5340E-04 (179, 5)	4.1203E-04 (203, 4)
4	2.2869E-14 (171, 4)	5.2524E-04 (145, 4)	6.7356E-04 (179, 5)	5.3505E-04 (179, 5)	4.9918E-04 (145, 4)
5	2.1273E-14 (145, 4)	3.7455E-04 (171, 4)	4.9602E-04 (171, 4)	4.7216E-04 (132, 4)	6.5947E-04 (161, 4)
6	2.5779E-14 (181, 5)	4.2162E-04 (181, 5)	5.0482E-04 (181, 5)	4.8308E-04 (181, 5)	5.6618E-04 (146, 4)
7	1.3383E-14 (181, 5)	3.2114E-04 (185, 4)	8.6720E-04 (185, 4)	7.5556E-04 (176, 4)	6.1940E-04 (176, 4)
8	3.8283E-15 (181, 5)	2.6038E-04 (185, 4)	4.8301E-04 (176, 4)	4.5665E-04 (230, 4)	5.0410E-04 (162, 5)
9	6.0343E-16 (181, 5)	7.8666E-05 (176, 4)	1.8876E-04 (230, 4)	3.8930E-04 (162, 5)	6.0373E-04 (166, 5)
10	1.1233E-15 (176, 4)	2.1003E-05 (185, 4)	6.9777E-05 (188, 4)	2.2944E-04 (188, 4)	4.0259E-04 (180, 4)
11	1.2303E-16 (177, 4)	2.3207E-06 (177, 4)	8.3044E-05 (231, 5)	2.5418E-04 (231, 5)	3.5719E-04 (177, 5)
12	1.0515E-15 (177, 4)	2.8699E-05 (177, 4)	7.1870E-05 (128, 4)	2.2498E-04 (128, 4)	3.0978E-04 (128, 4)
13	2.4485E-15 (97, 4)	1.7681E-04 (177, 4)	2.2462E-04 (177, 4)	2.0127E-04 (230, 5)	2.7130E-04 (180, 5)
14	8.3754E-16 (97, 4)	7.7116E-05 (97, 4)	9.1947E-05 (144, 4)	1.7882E-04 (180, 5)	2.8143E-04 (180, 5)
15	1.5786E-16 (97, 4)	1.6906E-04 (144, 4)	3.9786E-04 (144, 4)	3.1689E-04 (144, 4)	2.4881E-04 (144, 4)
16	1.6395E-17 (97, 4)	3.1722E-04 (144, 4)	7.9631E-04 (144, 4)	6.6762E-04 (144, 4)	5.4742E-04 (144, 4)
17	9.3826E-19 (97, 4)	2.3387E-04 (177, 4)	3.0576E-04 (177, 4)	2.1470E-04 (177, 4)	3.3392E-04 (95, 4)
18	3.3656E-17 (176, 4)	6.0875E-05 (143, 4)	1.3549E-04 (143, 4)	1.3584E-04 (95, 4)	2.0869E-04 (143, 6)
19	1.9819E-16 (177, 4)	3.1560E-05 (144, 4)	6.2535E-05 (144, 4)	1.2526E-04 (94, 4)	2.2494E-04 (94, 4)
20	1.4396E-17 (177, 4)	7.8003E-05 (176, 4)	9.2427E-05 (176, 4)	1.6564E-04 (106, 5)	2.7917E-04 (106, 5)
21	3.3639E-19 (143, 4)	2.6438E-04 (143, 4)	4.6427E-04 (176, 4)	4.0306E-04 (176, 4)	4.6263E-04 (176, 4)
22	1.7945E-19 (236, 4)	1.0652E-04 (143, 4)	2.5653E-04 (143, 4)	2.5536E-04 (143, 4)	3.0518E-04 (143, 4)
23	1.0636E-18 (236, 4)	6.8090E-05 (116, 4)	1.6034E-04 (116, 4)	2.4197E-04 (181, 4)	4.5248E-04 (181, 4)
24	4.5529E-17 (217, 4)	2.8483E-04 (116, 4)	5.7831E-04 (176, 4)	4.3550E-04 (236, 4)	4.5378E-04 (116, 4)
25	5.9057E-16 (217, 4)	1.1065E-04 (176, 4)	1.3364E-04 (176, 4)	2.9531E-04 (236, 4)	4.5983E-04 (97, 4)
26	5.8811E-16 (176, 4)	3.5308E-05 (217, 4)	5.5573E-05 (247, 4)	2.8173E-04 (247, 4)	4.9887E-04 (247, 4)
27	2.9874E-15 (219, 4)	1.7636E-04 (217, 4)	2.0787E-04 (217, 4)	2.9995E-04 (248, 5)	5.0819E-04 (116, 4)
28	1.3255E-14 (219, 4)	1.3566E-04 (219, 4)	1.9994E-04 (143, 5)	3.2080E-04 (143, 5)	3.7591E-04 (217, 4)
29	3.2405E-14 (219, 4)	3.8725E-04 (219, 4)	5.6966E-04 (219, 4)	4.5204E-04 (219, 4)	3.9476E-04 (219, 4)
30	2.8424E-14 (217, 4)	3.3502E-04 (143, 5)	7.3489E-04 (143, 5)	6.9354E-04 (217, 4)	6.6916E-04 (219, 4)
31	1.6976E-14 (242, 4)	3.8725E-04 (219, 4)	6.2859E-04 (143, 5)	5.1788E-04 (143, 5)	4.5343E-04 (242, 4)
32	1.3255E-14 (219, 4)	1.3566E-04 (219, 4)	2.4920E-04 (143, 5)	2.4234E-04 (235, 4)	3.5090E-04 (168, 4)
33	2.9874E-15 (219, 4)	2.7018E-05 (143, 5)	7.5182E-05 (246, 4)	3.3784E-04 (114, 5)	5.6306E-04 (114, 5)
34	4.6956E-15 (162, 4)	5.7738E-05 (162, 4)	8.1071E-05 (114, 5)	2.7849E-04 (260, 4)	4.9047E-04 (260, 4)
35	1.0320E-14 (218, 4)	1.3930E-04 (218, 4)	1.8492E-04 (218, 4)	2.3951E-04 (161, 5)	3.2933E-04 (161, 5)
36	2.8423E-14 (218, 4)	4.5735E-04 (218, 4)	6.8013E-04 (218, 4)	5.0921E-04 (218, 4)	4.4312E-04 (120, 4)

COMPOSITE HIGHEST,SECOND-HIGHEST 24-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	0.	73.	125.	98.	82.
2	0.	65.	106.	84.	75.
3	0.	54.	103.	89.	79.
4	0.	66.	135.	110.	96.
5	0.	72.	127.	121.	125.
6	0.	85.	149.	116.	97.
7	0.	65.	114.	98.	125.
8	0.	53.	92.	80.	115.
9	0.	64.	136.	110.	121.
10	0.	58.	94.	79.	112.
11	0.	29.	68.	54.	68.
12	0.	21.	34.	64.	93.
13	0.	22.	30.	46.	60.
14	0.	11.	26.	25.	47.
15	0.	38.	61.	46.	63.
16	0.	40.	100.	83.	68.
17	0.	41.	47.	35.	58.
18	0.	55.	81.	63.	51.
19	0.	52.	56.	35.	49.
20	0.	48.	69.	54.	62.
21	0.	64.	96.	81.	80.
22	0.	67.	109.	96.	94.
23	0.	63.	117.	91.	106.
24	0.	63.	109.	83.	76.
25	0.	60.	116.	90.	72.
26	0.	64.	105.	89.	87.
27	0.	71.	133.	111.	106.
28	0.	64.	134.	105.	88.
29	0.	48.	83.	63.	72.
30	0.	42.	92.	87.	86.
31	0.	48.	79.	67.	79.
32	0.	51.	77.	68.	90.
33	0.	58.	82.	83.	97.
34	0.	42.	51.	62.	88.
35	0.	29.	65.	64.	86.
36	0.	57.	85.	64.	86.

COMPOSITE HIGHEST, SECOND-HIGHEST [illegible]OUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	0.	580.	1001.	781.	655.
2	0.	522.	846.	675.	593.
3	0.	434.	825.	711.	572.
4	0.	525.	820.	668.	615.
5	0.	547.	1084.	932.	872.
6	0.	546.	963.	800.	711.
7	0.	517.	867.	756.	647.
8	0.	428.	739.	599.	576.
9	0.	508.	1086.	877.	750.
10	0.	468.	756.	629.	640.
11	0.	232.	542.	421.	510.
12	0.	164.	331.	310.	538.
13	0.	177.	225.	201.	301.
14	0.	87.	205.	202.	318.
15	0.	305.	491.	370.	384.
16	0.	317.	796.	668.	547.
17	0.	328.	680.	544.	448.
18	0.	332.	463.	360.	312.
19	0.	417.	451.	277.	316.
20	0.	387.	550.	428.	344.
21	0.	512.	760.	568.	463.
22	0.	464.	551.	470.	513.
23	0.	521.	936.	730.	655.
24	0.	505.	870.	664.	548.
25	0.	356.	733.	634.	538.
26	0.	348.	731.	676.	669.
27	0.	567.	1068.	891.	730.
28	0.	513.	1069.	838.	705.
29	0.	387.	660.	507.	464.
30	0.	335.	735.	694.	669.
31	0.	387.	629.	518.	625.
32	0.	406.	613.	521.	466.
33	0.	461.	655.	656.	649.
34	0.	334.	404.	349.	490.
35	0.	198.	520.	420.	651.
36	0.	457.	680.	509.	462.

RING DISTANCES(KM)= 3.00 3.50 4.00 4.50 5.00

STACK # 1--TECO 1&2 100% 31.5T/H SO2
STACK # 2--TECO 3&4 100% 31.5T/H SO2

STACK	MONTH	EMISSION RATE (GMS/SEC)	HEIGHT (METERS)	DIAMETER (METERS)	EXIT VELOCITY (M/SEC)	TEMP (DEG.K)	VOLUMETRIC FLOW (M**3/SEC)
1	ALL	5249.0898	149.40	7.32	28.60	422.00	1203.59
2	ALL	3398.3401	149.40	7.32	34.30	370.00	1443.46

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.6665E-04 DIRECTION= 9 DISTANCE= 4.0 KM DAY=128

YEAR= 71

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	7.0791E-05 (229)	7.9064E-05 (229)	7.8414E-05 (260)	7.1191E-05 (260)	6.4999E-05 (260)
2	7.3829E-05 (113)	9.0458E-05 (113)	8.9697E-05 (236)	8.4858E-05 (236)	8.9530E-05 (331)
3	9.0405E-05 (331)	8.8477E-05 (234)	8.3091E-05 (205)	8.5379E-05 (205)	8.5036E-05 (205)
4	6.3393E-05 (177)	6.5627E-05 (205)	7.4041E-05 (205)	7.9120E-05 (205)	8.1802E-05 (205)
5	8.0516E-05 (206)	8.3015E-05 (288)	8.3561E-05 (288)	8.1207E-05 (288)	7.7441E-05 (288)
6	8.1222E-05 (200)	8.2972E-05 (200)	8.9644E-05 (159)	9.1730E-05 (159)	8.1927E-05 (206)
7	8.8127E-05 (179)	9.2967E-05 (207)	9.3544E-05 (207)	9.1020E-05 (207)	8.3618E-05 (103)
8	8.8509E-05 (179)	9.0054E-05 (128)	8.9731E-05 (139)	9.1585E-05 (139)	8.7208E-05 (257)
9	1.5123E-04 (238)	1.6343E-04 (128)	1.6665E-04 (128)	1.6373E-04 (128)	1.5737E-04 (128)
10	1.0061E-04 (220)	1.1243E-04 (220)	1.1577E-04 (220)	1.1416E-04 (220)	1.0984E-04 (220)
11	6.5018E-05 (198)	6.4406E-05 (151)	7.1237E-05 (196)	7.7943E-05 (196)	8.0626E-05 (196)
12	7.8993E-05 (257)	6.9092E-05 (257)	8.8831E-05 (136)	1.0200E-04 (136)	1.0363E-04 (198)
13	4.9908E-05 (257)	5.8545E-05 (141)	6.2250E-05 (141)	6.5652E-05 (123)	6.6926E-05 (123)
14	4.6696E-05 (159)	4.4835E-05 (222)	5.2043E-05 (222)	5.6237E-05 (222)	5.7968E-05 (222)
15	5.3965E-05 (159)	5.7130E-05 (121)	5.9303E-05 (121)	5.8645E-05 (121)	6.1085E-05 (221)
16	6.2699E-05 (262)	5.4748E-05 (262)	5.5758E-05 (169)	5.7337E-05 (169)	6.0194E-05 (124)
17	5.1858E-05 (317)	4.5216E-05 (262)	4.4210E-05 (99)	4.3155E-05 (99)	4.4189E-05 (169)
18	4.3652E-05 (173)	5.1849E-05 (99)	5.7059E-05 (99)	5.8367E-05 (99)	5.7514E-05 (99)
19	3.8858E-05 (257)	4.0823E-05 (257)	4.0566E-05 (221)	4.3072E-05 (316)	4.7740E-05 (316)
20	3.0711E-05 (98)	3.8264E-05 (99)	4.7035E-05 (99)	4.8582E-05 (46)	4.6811E-05 (46)
21	3.7808E-05 (157)	4.8003E-05 (41)	5.5586E-05 (41)	6.2144E-05 (311)	6.6398E-05 (311)
22	4.8926E-05 (137)	5.5786E-05 (47)	5.8783E-05 (47)	5.8487E-05 (47)	5.6583E-05 (47)
23	7.5658E-05 (164)	8.1212E-05 (68)	8.8830E-05 (270)	8.9183E-05 (156)	8.0756E-05 (156)
24	8.1009E-05 (90)	9.8240E-05 (90)	1.0752E-04 (90)	1.0898E-04 (156)	1.0281E-04 (156)
25	4.6941E-05 (90)	5.9092E-05 (90)	6.6965E-05 (90)	7.0858E-05 (90)	7.3842E-05 (285)
26	4.4469E-05 (101)	5.0428E-05 (101)	5.4808E-05 (267)	6.4139E-05 (267)	6.9523E-05 (267)
27	7.1249E-05 (152)	8.7744E-05 (190)	1.0493E-04 (190)	1.1533E-04 (190)	1.2049E-04 (190)
28	8.2513E-05 (101)	9.7172E-05 (101)	1.0503E-04 (101)	1.0342E-04 (231)	9.9979E-05 (231)
29	6.5996E-05 (231)	6.6211E-05 (231)	7.1922E-05 (138)	7.4045E-05 (214)	8.1494E-05 (214)
30	7.5133E-05 (182)	8.5875E-05 (182)	8.9646E-05 (182)	8.9185E-05 (182)	8.6309E-05 (182)
31	4.3807E-05 (236)	4.8076E-05 (218)	5.1281E-05 (143)	6.1647E-05 (278)	6.1611E-05 (250)
32	7.4950E-05 (2)	9.5817E-05 (2)	1.0584E-04 (2)	1.0809E-04 (2)	1.0571E-04 (2)
33	5.7641E-05 (218)	7.5968E-05 (91)	9.2013E-05 (230)	9.1802E-05 (230)	8.9069E-05 (230)
34	5.8865E-05 (218)	7.6952E-05 (187)	9.5613E-05 (187)	1.0660E-04 (187)	1.1144E-04 (187)
35	9.8904E-05 (211)	9.9990E-05 (211)	9.5392E-05 (211)	8.8442E-05 (211)	8.3476E-05 (229)
36	1.1182E-04 (229)	1.1742E-04 (260)	1.1291E-04 (260)	1.0656E-04 (260)	9.9664E-05 (260)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 8.3327E-04 DIRECTION= 9 DISTANCE= 3.5 KM DAY=220 TIME PERIOD= 5

YEAR= 71

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	4.6546E-04 (229, 4)	4.8543E-04 (229, 4)	4.7687E-04 (229, 4)	4.5392E-04 (229, 4)	4.2538E-04 (296, 4)
2	4.9937E-04 (260, 5)	4.4355E-04 (184, 4)	4.8280E-04 (113, 5)	4.9697E-04 (113, 5)	5.0733E-04 (73, 4)
3	5.9452E-04 (219, 5)	5.7628E-04 (219, 5)	5.2557E-04 (219, 5)	4.7300E-04 (235, 5)	4.7430E-04 (235, 5)
4	5.0715E-04 (177, 4)	5.1753E-04 (177, 4)	4.9407E-04 (177, 4)	4.7728E-04 (163, 4)	4.9138E-04 (127, 4)
5	6.3596E-04 (200, 4)	6.4429E-04 (200, 4)	6.1654E-04 (200, 4)	5.7549E-04 (200, 4)	5.3136E-04 (200, 4)
6	6.2863E-04 (206, 5)	6.1523E-04 (206, 5)	5.6552E-04 (206, 5)	5.4738E-04 (159, 4)	5.4487E-04 (200, 4)
7	4.9877E-04 (230, 5)	5.1819E-04 (160, 4)	5.1318E-04 (160, 4)	5.0718E-04 (295, 4)	4.7383E-04 (103, 4)
8	5.9020E-04 (100, 4)	5.9244E-04 (262, 5)	5.9393E-04 (262, 5)	5.8721E-04 (160, 4)	5.7191E-04 (160, 4)
9	7.7539E-04 (220, 5)	8.3327E-04 (220, 5)	8.2719E-04 (220, 5)	7.8801E-04 (220, 5)	7.6103E-04 (178, 4)
10	4.6392E-04 (178, 4)	5.4080E-04 (168, 4)	6.3385E-04 (168, 4)	6.7852E-04 (168, 4)	6.8842E-04 (168, 4)
11	3.9926E-04 (257, 4)	4.2182E-04 (192, 5)	4.4832E-04 (192, 5)	4.5905E-04 (196, 4)	4.6083E-04 (196, 4)
12	4.3194E-04 (257, 4)	5.5273E-04 (257, 4)	4.9231E-04 (257, 4)	5.4849E-04 (136, 4)	5.0893E-04 (198, 4)
13	3.3205E-04 (198, 3)	4.0191E-04 (123, 4)	4.4744E-04 (198, 3)	4.5149E-04 (198, 3)	4.3728E-04 (198, 3)
14	3.2661E-04 (159, 5)	2.8223E-04 (159, 5)	2.6446E-04 (198, 3)	3.0782E-04 (199, 6)	3.5569E-04 (199, 6)
15	4.3021E-04 (159, 5)	3.7600E-04 (159, 5)	4.1145E-04 (222, 5)	4.4643E-04 (222, 5)	4.5737E-04 (222, 5)
16	3.6550E-04 (169, 4)	4.1510E-04 (169, 4)	3.9082E-04 (124, 6)	4.4498E-04 (124, 6)	4.5595E-04 (169, 4)
17	3.7950E-04 (317, 4)	3.6173E-04 (262, 4)	3.5368E-04 (99, 4)	3.4524E-04 (99, 4)	3.2655E-04 (99, 4)
18	3.2515E-04 (99, 4)	3.5909E-04 (124, 5)	4.0181E-04 (124, 5)	4.1606E-04 (124, 5)	4.1182E-04 (124, 5)
19	3.1069E-04 (257, 4)	3.2585E-04 (257, 4)	3.2453E-04 (221, 4)	3.1106E-04 (316, 5)	3.4849E-04 (316, 5)
20	2.4569E-04 (98, 4)	3.0015E-04 (99, 4)	3.6757E-04 (99, 4)	3.8866E-04 (46, 5)	3.7449E-04 (46, 5)
21	3.0246E-04 (157, 4)	3.1305E-04 (157, 4)	3.0691E-04 (137, 4)	3.0564E-04 (311, 4)	3.4531E-04 (326, 4)
22	3.0903E-04 (98, 4)	3.4314E-04 (98, 4)	3.8854E-04 (291, 5)	4.1456E-04 (291, 5)	4.1781E-04 (291, 5)
23	4.4009E-04 (270, 4)	4.9940E-04 (156, 4)	4.8479E-04 (156, 4)	4.4987E-04 (156, 4)	4.2821E-04 (102, 4)
24	4.4824E-04 (315, 4)	5.1370E-04 (315, 4)	5.2393E-04 (315, 4)	4.9198E-04 (156, 4)	4.7376E-04 (315, 4)
25	2.3425E-04 (156, 3)	3.4385E-04 (137, 4)	4.3337E-04 (137, 4)	4.8829E-04 (137, 4)	5.1451E-04 (137, 4)
26	2.8880E-04 (156, 5)	3.6623E-04 (360, 4)	4.1282E-04 (360, 4)	4.3504E-04 (360, 4)	4.4098E-04 (360, 4)
27	4.9030E-04 (101, 5)	4.9511E-04 (152, 4)	5.0992E-04 (101, 5)	4.9621E-04 (86, 5)	4.9447E-04 (153, 3)
28	6.2476E-04 (152, 4)	5.4480E-04 (152, 4)	5.6889E-04 (101, 5)	5.6800E-04 (101, 5)	5.5045E-04 (101, 5)
29	4.9203E-04 (231, 4)	4.7163E-04 (231, 4)	4.3856E-04 (231, 4)	4.3477E-04 (138, 5)	4.3398E-04 (263, 4)
30	5.4406E-04 (138, 5)	5.3444E-04 (250, 4)	5.6001E-04 (250, 4)	5.4821E-04 (250, 4)	5.5755E-04 (211, 3)
31	3.5026E-04 (236, 5)	3.5962E-04 (182, 4)	3.6049E-04 (70, 4)	3.5713E-04 (182, 4)	3.4500E-04 (278, 4)
32	4.8364E-04 (218, 4)	4.5634E-04 (218, 4)	4.9684E-04 (2, 4)	4.9884E-04 (2, 4)	4.8015E-04 (2, 4)
33	4.4830E-04 (238, 4)	5.3268E-04 (238, 4)	6.3805E-04 (91, 5)	6.3365E-04 (230, 4)	6.1706E-04 (77, 5)
34	3.7456E-04 (288, 4)	4.5176E-04 (187, 4)	5.5689E-04 (187, 4)	6.1719E-04 (187, 4)	6.4201E-04 (187, 4)
35	7.0842E-04 (211, 4)	6.7840E-04 (211, 4)	6.1496E-04 (211, 4)	5.4482E-04 (211, 4)	4.7917E-04 (211, 4)
36	5.9495E-04 (260, 4)	6.4504E-04 (260, 4)	6.4756E-04 (260, 4)	6.2679E-04 (260, 4)	5.9562E-04 (260, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.8436E-04 DIRECTION= 9 DISTANCE= 5.0 KM DAY=207

YEAR= 72

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	3.0 KM		3.5 KM		4.0 KM		4.5 KM		5.0 KM	
DIR										
1	5.1809E-05	(25)	5.9525E-05	(25)	6.1969E-05	(25)	6.7566E-05	(107)	7.0138E-05	(107)
2	5.7170E-05	(110)	6.3708E-05	(57)	8.1263E-05	(57)	9.2378E-05	(57)	9.8045E-05	(57)
3	8.2243E-05	(110)	8.3742E-05	(110)	8.0491E-05	(110)	8.3429E-05	(105)	8.5049E-05	(105)
4	7.4475E-05	(150)	7.9310E-05	(150)	7.6719E-05	(150)	7.3233E-05	(136)	7.2007E-05	(136)
5	1.0290E-04	(211)	1.1065E-04	(150)	1.1147E-04	(211)	1.1232E-04	(211)	1.1167E-04	(211)
6	1.0288E-04	(211)	1.0357E-04	(211)	1.0976E-04	(210)	1.0649E-04	(261)	1.0172E-04	(261)
7	1.0700E-04	(194)	1.1073E-04	(194)	1.0769E-04	(194)	1.0961E-04	(309)	1.0838E-04	(309)
8	1.0457E-04	(195)	9.9874E-05	(195)	1.0349E-04	(220)	1.0507E-04	(216)	1.0149E-04	(220)
9	1.5614E-04	(124)	1.7772E-04	(124)	1.8291E-04	(124)	1.7901E-04	(207)	1.8436E-04	(207)
10	1.3809E-04	(242)	1.4663E-04	(242)	1.4624E-04	(242)	1.4185E-04	(242)	1.3581E-04	(242)
11	6.2966E-05	(131)	7.4706E-05	(131)	8.1124E-05	(131)	8.3304E-05	(131)	8.2518E-05	(131)
12	3.4232E-05	(140)	4.1593E-05	(112)	4.9198E-05	(231)	5.3357E-05	(143)	5.1980E-05	(143)
13	3.8709E-05	(23)	4.1082E-05	(23)	4.1094E-05	(112)	4.3340E-05	(112)	4.3638E-05	(185)
14	3.8490E-05	(362)	4.4634E-05	(362)	4.5707E-05	(362)	5.1115E-05	(282)	4.8984E-05	(282)
15	3.0870E-05	(240)	3.4682E-05	(240)	3.8644E-05	(146)	4.2974E-05	(146)	4.4895E-05	(146)
16	2.7181E-05	(93)	3.0905E-05	(93)	3.2024E-05	(93)	3.1717E-05	(93)	3.6641E-05	(322)
17	2.4227E-05	(283)	2.6113E-05	(283)	2.8495E-05	(260)	3.1414E-05	(260)	3.2684E-05	(260)
18	4.7506E-05	(247)	5.1684E-05	(247)	5.4206E-05	(247)	5.4564E-05	(247)	5.3260E-05	(247)
19	5.9471E-05	(189)	5.9227E-05	(189)	5.7002E-05	(189)	5.3508E-05	(252)	4.7741E-05	(252)
20	7.6819E-05	(189)	7.4842E-05	(189)	7.0493E-05	(189)	6.5195E-05	(189)	6.4426E-05	(336)
21	6.8080E-05	(252)	8.4020E-05	(252)	8.2055E-05	(189)	7.6046E-05	(189)	6.9990E-05	(189)
22	4.6241E-05	(265)	4.9537E-05	(265)	5.2848E-05	(252)	5.3033E-05	(252)	5.6195E-05	(191)
23	6.4263E-05	(189)	6.6221E-05	(156)	6.4238E-05	(156)	6.7329E-05	(266)	6.7479E-05	(266)
24	8.6560E-05	(158)	7.6360E-05	(186)	6.9937E-05	(156)	7.0167E-05	(158)	7.3383E-05	(288)
25	6.9786E-05	(86)	8.8050E-05	(247)	8.2652E-05	(157)	8.8524E-05	(157)	9.0102E-05	(157)
26	7.9737E-05	(257)	9.8604E-05	(257)	1.0940E-04	(265)	1.1657E-04	(257)	1.1919E-04	(257)
27	6.1738E-05	(339)	7.4419E-05	(339)	8.0481E-05	(339)	8.2081E-05	(339)	8.3273E-05	(247)
28	5.9101E-05	(339)	6.1599E-05	(186)	7.4837E-05	(230)	8.5157E-05	(339)	8.6829E-05	(339)
29	5.2425E-05	(228)	6.5446E-05	(101)	7.5550E-05	(27)	7.1425E-05	(27)	6.6462E-05	(27)
30	6.1269E-05	(228)	7.5197E-05	(241)	7.7610E-05	(241)	7.7283E-05	(345)	8.0978E-05	(345)
31	5.7539E-05	(196)	6.8211E-05	(212)	7.2632E-05	(196)	7.4041E-05	(196)	7.7940E-05	(332)
32	5.4559E-05	(307)	6.1389E-05	(61)	7.4843E-05	(61)	8.2353E-05	(61)	8.5297E-05	(61)
33	5.1674E-05	(196)	6.2400E-05	(298)	7.0423E-05	(1)	8.5093E-05	(1)	8.9740E-05	(229)
34	3.6295E-05	(141)	4.3412E-05	(141)	4.5189E-05	(141)	4.6912E-05	(211)	5.1436E-05	(211)
35	3.7167E-05	(213)	4.6423E-05	(213)	5.0731E-05	(238)	5.1669E-05	(238)	5.0518E-05	(238)
36	4.8491E-05	(64)	5.8218E-05	(64)	6.1999E-05	(113)	6.2244E-05	(136)	6.1753E-05	(136)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 1.0314E-03 DIRECTION= 9 DISTANCE= 4.5 KM DAY=183 TIME PERIOD= 4

YEAR= 72

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	3.7674E-04 (211, 4)	4.7047E-04 (25, 5)	4.7836E-04 (25, 5)	5.0099E-04 (107, 4)	5.2234E-04 (107, 4)
2	4.0374E-04 (210, 5)	4.9151E-04 (210, 5)	5.2248E-04 (210, 5)	5.1731E-04 (210, 5)	4.9429E-04 (57, 4)
3	4.6488E-04 (135, 5)	4.9979E-04 (135, 5)	5.0194E-04 (110, 5)	4.8579E-04 (57, 5)	4.7222E-04 (135, 5)
4	4.4044E-04 (110, 5)	4.5876E-04 (110, 5)	4.6017E-04 (110, 5)	4.5438E-04 (209, 4)	4.3728E-04 (195, 3)
5	5.8619E-04 (102, 5)	5.9399E-04 (150, 4)	5.7808E-04 (261, 5)	5.4797E-04 (233, 4)	5.2748E-04 (292, 4)
6	6.2219E-04 (261, 5)	6.2089E-04 (261, 5)	5.7675E-04 (261, 5)	5.6774E-04 (85, 4)	6.0306E-04 (85, 4)
7	5.4261E-04 (216, 5)	5.3668E-04 (299, 4)	6.0406E-04 (309, 5)	6.4201E-04 (309, 5)	6.1932E-04 (298, 5)
8	5.9958E-04 (207, 4)	5.7745E-04 (207, 4)	5.4918E-04 (290, 4)	5.6414E-04 (216, 5)	5.1895E-04 (216, 5)
9	8.5616E-04 (183, 4)	9.7206E-04 (183, 4)	1.0225E-03 (183, 4)	1.0314E-03 (183, 4)	1.0159E-03 (183, 4)
10	6.9717E-04 (242, 4)	7.3664E-04 (183, 5)	7.2338E-04 (242, 4)	6.8658E-04 (242, 4)	6.6184E-04 (209, 6)
11	3.9588E-04 (248, 5)	4.2094E-04 (248, 5)	3.7962E-04 (222, 5)	4.0911E-04 (222, 5)	4.1692E-04 (222, 5)
12	2.2583E-04 (140, 5)	2.8515E-04 (97, 5)	3.3306E-04 (97, 5)	3.5507E-04 (97, 5)	3.5878E-04 (97, 5)
13	3.0967E-04 (23, 5)	3.3759E-04 (146, 5)	3.5249E-04 (146, 5)	3.4719E-04 (146, 5)	3.4463E-04 (112, 4)
14	3.0789E-04 (362, 5)	3.5701E-04 (362, 5)	3.6556E-04 (362, 5)	4.0892E-04 (282, 4)	3.9186E-04 (282, 4)
15	2.4696E-04 (240, 5)	2.7745E-04 (240, 5)	2.8294E-04 (198, 6)	2.7252E-04 (198, 6)	2.5545E-04 (198, 6)
16	2.1714E-04 (93, 5)	2.4607E-04 (93, 5)	2.5320E-04 (93, 5)	2.4779E-04 (93, 5)	2.4185E-04 (108, 4)
17	1.9382E-04 (283, 5)	2.0891E-04 (283, 5)	2.2412E-04 (108, 4)	2.4000E-04 (279, 5)	2.5029E-04 (279, 5)
18	3.2085E-04 (157, 5)	3.4765E-04 (283, 5)	3.5523E-04 (283, 5)	3.5770E-04 (326, 4)	3.6209E-04 (260, 4)
19	2.6948E-04 (252, 5)	2.8038E-04 (206, 4)	2.8751E-04 (260, 4)	2.7669E-04 (313, 5)	2.9982E-04 (206, 4)
20	3.1243E-04 (252, 5)	3.1663E-04 (252, 4)	3.0246E-04 (252, 4)	3.0607E-04 (206, 4)	2.9982E-04 (206, 4)
21	3.7149E-04 (189, 5)	3.7751E-04 (189, 4)	3.8139E-04 (189, 4)	3.7135E-04 (157, 6)	3.7897E-04 (157, 6)
22	3.3135E-04 (19, 5)	3.7974E-04 (189, 4)	3.5848E-04 (19, 5)	3.5532E-04 (264, 4)	3.4438E-04 (264, 4)
23	4.0261E-04 (186, 4)	3.9759E-04 (217, 4)	4.0959E-04 (217, 4)	4.0181E-04 (217, 4)	3.7000E-04 (158, 5)
24	6.0065E-04 (158, 5)	5.9961E-04 (158, 5)	5.4401E-04 (186, 4)	4.9122E-04 (186, 4)	4.4522E-04 (158, 5)
25	4.9406E-04 (247, 4)	4.4409E-04 (247, 4)	4.5181E-04 (226, 4)	4.9575E-04 (226, 4)	5.1722E-04 (226, 4)
26	6.2505E-04 (257, 4)	5.9917E-04 (247, 4)	5.4765E-04 (247, 4)	4.9048E-04 (247, 4)	4.3584E-04 (247, 4)
27	4.4358E-04 (339, 4)	4.8241E-04 (247, 4)	4.6397E-04 (247, 4)	4.7911E-04 (339, 4)	4.4702E-04 (339, 4)
28	3.5503E-04 (154, 4)	4.5474E-04 (230, 4)	4.6223E-04 (297, 4)	5.1965E-04 (297, 4)	5.4646E-04 (297, 4)
29	3.4845E-04 (186, 5)	3.6454E-04 (251, 4)	3.6837E-04 (251, 4)	3.5558E-04 (230, 4)	3.5835E-04 (230, 4)
30	4.4609E-04 (228, 3)	5.7558E-04 (228, 3)	6.0550E-04 (241, 4)	5.8847E-04 (241, 4)	5.6210E-04 (345, 4)
31	3.6528E-04 (196, 4)	3.9058E-04 (196, 4)	3.8708E-04 (196, 4)	3.9484E-04 (209, 3)	4.0213E-04 (209, 3)
32	3.2913E-04 (213, 4)	4.0175E-04 (213, 4)	4.3118E-04 (229, 4)	4.4301E-04 (61, 4)	4.6110E-04 (61, 4)
33	4.0472E-04 (298, 4)	4.9661E-04 (298, 4)	5.2877E-04 (298, 4)	5.8389E-04 (1, 5)	6.4593E-04 (1, 5)
34	2.7477E-04 (240, 5)	3.0905E-04 (240, 5)	3.2461E-04 (54, 4)	3.5100E-04 (141, 3)	3.2955E-04 (141, 3)
35	2.9733E-04 (213, 5)	3.7138E-04 (213, 5)	4.0585E-04 (238, 4)	4.1335E-04 (238, 4)	4.0415E-04 (238, 4)
36	3.8793E-04 (64, 4)	4.6575E-04 (64, 4)	4.9230E-04 (136, 4)	4.9795E-04 (136, 4)	4.9402E-04 (136, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.6168E-04 DIRECTION= 9 DISTANCE= 4.0 KM DAY=152

YEAR= 73

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	4.9592E-05 (163)	5.6720E-05 (149)	6.1150E-05 (149)	6.1759E-05 (149)	6.0149E-05 (149)
2	6.9165E-05 (147)	7.8344E-05 (147)	8.0458E-05 (147)	7.8534E-05 (147)	7.7477E-05 (159)
3	8.9951E-05 (215)	9.0833E-05 (215)	8.6819E-05 (215)	8.1194E-05 (215)	7.5852E-05 (123)
4	9.4221E-05 (313)	1.0339E-04 (182)	9.4779E-05 (182)	8.6980E-05 (182)	8.2072E-05 (173)
5	1.3169E-04 (192)	1.3521E-04 (192)	1.3489E-04 (192)	1.3142E-04 (192)	1.2595E-04 (192)
6	1.1994E-04 (209)	1.2926E-04 (209)	1.2003E-04 (182)	1.2290E-04 (186)	1.2137E-04 (186)
7	1.2868E-04 (218)	1.2717E-04 (185)	1.2521E-04 (185)	1.1890E-04 (216)	1.1286E-04 (185)
8	1.2714E-04 (236)	1.2908E-04 (181)	1.2493E-04 (187)	1.1896E-04 (236)	1.1021E-04 (253)
9	1.4569E-04 (152)	1.6006E-04 (152)	1.6168E-04 (152)	1.5605E-04 (152)	1.4690E-04 (132)
10	1.0245E-04 (140)	1.0419E-04 (140)	1.0911E-04 (196)	1.1322E-04 (196)	1.1235E-04 (196)
11	7.8495E-05 (169)	8.0332E-05 (169)	7.8828E-05 (169)	7.9740E-05 (263)	7.8578E-05 (208)
12	6.8753E-05 (100)	7.3127E-05 (259)	6.7311E-05 (135)	6.6983E-05 (135)	6.6832E-05 (124)
13	4.6233E-05 (103)	4.5268E-05 (259)	3.9629E-05 (259)	3.6825E-05 (124)	3.8173E-05 (124)
14	4.4412E-05 (197)	4.9725E-05 (118)	5.5571E-05 (169)	5.9729E-05 (169)	6.0816E-05 (169)
15	3.8224E-05 (103)	4.3183E-05 (103)	4.4242E-05 (30)	4.4650E-05 (30)	4.3588E-05 (30)
16	5.5779E-05 (95)	6.1951E-05 (95)	6.4098E-05 (95)	6.3808E-05 (95)	5.9174E-05 (119)
17	4.1735E-05 (95)	4.7868E-05 (95)	5.1179E-05 (53)	5.4916E-05 (53)	5.6723E-05 (53)
18	5.1625E-05 (119)	6.2555E-05 (103)	7.4467E-05 (103)	8.0722E-05 (221)	8.1353E-05 (14)
19	4.4285E-05 (305)	5.1552E-05 (305)	5.6536E-05 (305)	6.0043E-05 (305)	6.2253E-05 (305)
20	7.7212E-05 (183)	8.1045E-05 (183)	7.7863E-05 (183)	7.1673E-05 (183)	6.9836E-05 (305)
21	1.0735E-04 (183)	1.1800E-04 (183)	1.1549E-04 (233)	1.0496E-04 (233)	1.0440E-04 (183)
22	9.4269E-05 (191)	9.4042E-05 (191)	9.1443E-05 (191)	9.1879E-05 (78)	8.9578E-05 (78)
23	1.1622E-04 (221)	1.1866E-04 (221)	1.1550E-04 (221)	1.0920E-04 (221)	1.0163E-04 (221)
24	7.7485E-05 (125)	8.5665E-05 (125)	8.2860E-05 (183)	8.6514E-05 (316)	9.6278E-05 (316)
25	8.2991E-05 (240)	9.8621E-05 (260)	1.0850E-04 (260)	1.1563E-04 (260)	1.1989E-04 (260)
26	9.0268E-05 (154)	9.8146E-05 (154)	9.9875E-05 (154)	1.0135E-04 (240)	1.0393E-04 (336)
27	8.3977E-05 (260)	8.1922E-05 (260)	8.1927E-05 (287)	8.7447E-05 (287)	8.6875E-05 (154)
28	9.0214E-05 (239)	9.1152E-05 (239)	8.6317E-05 (239)	7.9421E-05 (239)	8.3903E-05 (286)
29	9.0410E-05 (239)	9.7285E-05 (238)	9.4158E-05 (238)	1.0077E-04 (239)	9.8435E-05 (239)
30	6.2310E-05 (171)	7.5217E-05 (238)	7.3413E-05 (238)	6.8681E-05 (238)	6.7891E-05 (106)
31	4.8110E-05 (112)	6.0151E-05 (112)	6.6085E-05 (112)	6.7653E-05 (112)	7.3500E-05 (65)
32	1.0324E-04 (224)	9.9900E-05 (217)	9.8252E-05 (224)	9.1739E-05 (322)	9.1530E-05 (322)
33	1.1625E-04 (224)	1.2057E-04 (217)	1.1756E-04 (217)	1.1036E-04 (217)	1.0179E-04 (217)
34	7.6579E-05 (261)	8.2854E-05 (202)	8.6077E-05 (202)	8.5446E-05 (202)	8.2688E-05 (202)
35	7.7939E-05 (177)	8.6209E-05 (163)	8.4323E-05 (163)	8.0444E-05 (163)	7.5589E-05 (163)
36	8.3926E-05 (160)	8.6557E-05 (148)	8.3385E-05 (163)	7.6239E-05 (163)	6.9612E-05 (163)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 7.9202E-04 DIRECTION= 5 DISTANCE= 3.0 KM DAY=192 TIME PERIOD= 4

YEAR= 73

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	3.7007E-04 (163, 4)	3.2833E-04 (162, 4)	3.3575E-04 (162, 4)	3.2939E-04 (162, 4)	3.1521E-04 (162, 4)
2	4.3358E-04 (157, 5)	4.2598E-04 (157, 5)	4.3305E-04 (151, 4)	4.2617E-04 (71, 5)	4.7172E-04 (71, 5)
3	4.9919E-04 (230, 4)	5.2890E-04 (269, 5)	5.7545E-04 (269, 5)	5.1989E-04 (151, 5)	4.7659E-04 (123, 4)
4	6.1199E-04 (173, 5)	5.5457E-04 (182, 4)	5.2149E-04 (182, 4)	4.8693E-04 (182, 4)	4.5224E-04 (182, 4)
5	7.9202E-04 (192, 4)	7.0686E-04 (192, 4)	6.9507E-04 (313, 4)	6.8520E-04 (313, 4)	6.5319E-04 (313, 4)
6	6.5057E-04 (222, 4)	6.1463E-04 (192, 4)	6.4836E-04 (309, 4)	6.6573E-04 (309, 4)	6.3929E-04 (209, 4)
7	7.3639E-04 (218, 4)	7.1822E-04 (209, 4)	6.9311E-04 (209, 4)	6.4955E-04 (209, 4)	6.0120E-04 (209, 4)
8	6.8002E-04 (181, 4)	6.9407E-04 (181, 4)	6.6457E-04 (181, 4)	6.2129E-04 (27, 5)	5.7207E-04 (218, 4)
9	6.7473E-04 (218, 4)	6.0254E-04 (152, 4)	5.8251E-04 (152, 4)	5.7871E-04 (167, 5)	6.2929E-04 (66, 5)
10	4.7772E-04 (140, 4)	5.1392E-04 (140, 4)	5.1926E-04 (140, 4)	5.2233E-04 (196, 5)	5.0783E-04 (196, 5)
11	4.3010E-04 (259, 4)	3.7164E-04 (259, 4)	4.0221E-04 (263, 5)	4.1045E-04 (263, 5)	4.0286E-04 (263, 5)
12	4.1064E-04 (135, 3)	5.0301E-04 (135, 3)	5.2044E-04 (259, 4)	4.7001E-04 (259, 4)	4.2911E-04 (259, 4)
13	2.5900E-04 (103, 5)	2.7046E-04 (103, 5)	2.6512E-04 (135, 3)	2.8177E-04 (259, 4)	2.5345E-04 (259, 4)
14	3.4883E-04 (138, 4)	3.7053E-04 (103, 5)	3.8722E-04 (175, 5)	4.2063E-04 (175, 5)	4.3119E-04 (175, 5)
15	3.0567E-04 (103, 5)	3.4529E-04 (103, 5)	3.5393E-04 (30, 5)	3.5720E-04 (30, 5)	3.4871E-04 (30, 5)
16	3.1396E-04 (95, 5)	3.0123E-04 (95, 5)	2.7490E-04 (95, 5)	2.8022E-04 (124, 3)	3.2466E-04 (124, 3)
17	3.8194E-04 (119, 5)	3.5971E-04 (53, 4)	3.6254E-04 (119, 4)	3.2554E-04 (119, 4)	3.3242E-04 (52, 4)
18	3.5044E-04 (238, 5)	3.3656E-04 (190, 5)	4.1766E-04 (297, 5)	4.7017E-04 (297, 5)	4.9502E-04 (297, 5)
19	3.4405E-04 (305, 4)	3.8171E-04 (305, 4)	3.9081E-04 (305, 4)	4.0408E-04 (42, 5)	4.2629E-04 (42, 5)
20	3.9101E-04 (305, 4)	4.5402E-04 (305, 4)	4.6954E-04 (305, 4)	4.5741E-04 (305, 4)	4.2114E-04 (233, 5)
21	5.7100E-04 (183, 4)	5.9514E-04 (183, 4)	5.7042E-04 (183, 4)	5.2531E-04 (183, 4)	4.7559E-04 (183, 4)
22	5.7931E-04 (78, 4)	6.7019E-04 (233, 4)	6.4570E-04 (233, 4)	6.0269E-04 (233, 4)	5.5703E-04 (233, 4)
23	6.2099E-04 (221, 5)	5.6558E-04 (221, 5)	5.0584E-04 (221, 5)	4.5030E-04 (221, 5)	4.0929E-04 (221, 4)
24	4.8239E-04 (191, 4)	4.5967E-04 (125, 3)	4.6962E-04 (125, 3)	4.5297E-04 (125, 3)	4.7909E-04 (310, 4)
25	4.0706E-04 (352, 4)	4.9226E-04 (352, 4)	5.2532E-04 (352, 4)	5.2594E-04 (352, 4)	5.0977E-04 (352, 4)
26	3.9578E-04 (154, 5)	3.8484E-04 (154, 5)	4.0255E-04 (154, 3)	4.5791E-04 (352, 4)	4.9691E-04 (352, 4)
27	4.3839E-04 (260, 5)	4.7134E-04 (242, 5)	5.0969E-04 (158, 4)	4.5328E-04 (158, 4)	4.6612E-04 (317, 4)
28	5.1139E-04 (238, 4)	5.2575E-04 (238, 4)	5.0007E-04 (238, 4)	4.7230E-04 (18, 4)	4.7330E-04 (18, 4)
29	3.8336E-04 (239, 5)	3.7188E-04 (239, 5)	4.2233E-04 (238, 3)	3.9561E-04 (238, 3)	4.2530E-04 (318, 4)
30	4.6889E-04 (238, 3)	5.1072E-04 (238, 3)	5.0789E-04 (106, 4)	5.2694E-04 (106, 4)	5.2183E-04 (171, 4)
31	3.8482E-04 (112, 4)	4.8111E-04 (112, 4)	5.2847E-04 (112, 4)	5.4082E-04 (112, 4)	5.3165E-04 (112, 4)
32	4.9722E-04 (224, 5)	5.0223E-04 (269, 4)	5.1014E-04 (269, 4)	5.0400E-04 (269, 4)	4.8934E-04 (269, 4)
33	6.1597E-04 (217, 4)	6.0082E-04 (224, 5)	5.6963E-04 (202, 5)	5.2021E-04 (202, 5)	4.8735E-04 (274, 4)
34	5.8594E-04 (217, 4)	5.3331E-04 (261, 4)	4.7296E-04 (261, 4)	5.4646E-04 (123, 3)	5.6226E-04 (217, 4)
35	3.5350E-04 (150, 4)	3.9346E-04 (163, 4)	3.7767E-04 (163, 4)	3.8777E-04 (177, 3)	3.6302E-04 (177, 3)
36	4.0671E-04 (148, 5)	4.8799E-04 (148, 5)	4.5797E-04 (163, 4)	4.1383E-04 (163, 4)	3.7794E-04 (163, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MA*3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.5593E-04 DIRECTION= 9 DISTANCE= 5.0 KM DAY=231

YEAR= 74

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	7.0221E-05 (98)	7.2669E-05 (242)	6.5857E-05 (242)	5.8218E-05 (242)	5.1197E-05 (210)
2	5.4749E-05 (127)	7.2727E-05 (127)	8.3912E-05 (127)	8.8356E-05 (207)	8.2504E-05 (207)
3	7.4766E-05 (152)	6.9173E-05 (152)	6.5694E-05 (166)	6.2905E-05 (166)	5.8891E-05 (166)
4	8.1660E-05 (158)	7.6975E-05 (189)	8.1717E-05 (189)	8.2571E-05 (90)	8.4057E-05 (90)
5	8.7129E-05 (234)	8.4457E-05 (234)	7.9512E-05 (206)	7.9676E-05 (157)	8.3559E-05 (158)
6	1.1315E-04 (200)	1.1285E-04 (129)	1.0797E-04 (129)	9.9753E-05 (129)	9.0611E-05 (129)
7	9.5689E-05 (197)	9.5856E-05 (197)	8.9295E-05 (197)	8.0426E-05 (197)	8.1789E-05 (191)
8	9.7208E-05 (196)	1.0423E-04 (196)	1.0188E-04 (196)	9.6512E-05 (163)	1.0168E-04 (163)
9	9.3954E-05 (173)	1.2223E-04 (231)	1.4273E-04 (231)	1.5309E-04 (231)	1.5593E-04 (231)
10	8.5622E-05 (121)	1.0255E-04 (121)	1.1096E-04 (192)	1.1479E-04 (192)	1.1372E-04 (192)
11	7.5092E-05 (167)	7.7121E-05 (200)	8.3920E-05 (200)	8.6204E-05 (200)	8.5376E-05 (200)
12	6.6468E-05 (211)	5.6400E-05 (211)	6.5851E-05 (200)	7.1463E-05 (200)	7.3502E-05 (200)
13	4.5347E-05 (167)	4.9797E-05 (167)	4.9812E-05 (167)	4.7888E-05 (167)	4.5327E-05 (167)
14	3.8656E-05 (99)	3.8622E-05 (211)	3.3792E-05 (211)	3.0023E-05 (211)	3.2548E-05 (222)
15	2.7220E-05 (96)	3.2578E-05 (96)	3.8807E-05 (99)	3.7249E-05 (364)	3.8029E-05 (364)
16	5.3893E-05 (282)	5.9990E-05 (282)	6.0114E-05 (282)	6.7537E-05 (291)	7.4743E-05 (291)
17	5.7945E-05 (338)	6.9740E-05 (234)	6.2109E-05 (234)	5.6093E-05 (234)	5.1228E-05 (234)
18	5.5389E-05 (311)	6.2947E-05 (108)	6.4766E-05 (108)	6.3780E-05 (108)	6.4390E-05 (332)
19	3.8952E-05 (243)	4.1226E-05 (108)	4.5074E-05 (332)	4.9848E-05 (311)	4.9806E-05 (311)
20	5.5025E-05 (282)	5.7225E-05 (311)	6.1500E-05 (311)	6.6570E-05 (281)	6.9207E-05 (281)
21	5.5350E-05 (264)	6.4397E-05 (264)	7.0900E-05 (264)	7.4920E-05 (264)	7.6690E-05 (264)
22	6.4425E-05 (171)	6.6910E-05 (171)	6.4964E-05 (171)	6.0967E-05 (171)	5.7543E-05 (254)
23	8.1175E-05 (233)	7.1589E-05 (286)	7.6684E-05 (286)	8.3727E-05 (298)	8.4508E-05 (171)
24	6.4917E-05 (117)	8.3565E-05 (297)	1.1054E-04 (284)	1.3071E-04 (284)	1.4322E-04 (284)
25	8.6947E-05 (286)	9.8289E-05 (307)	1.1417E-04 (307)	1.1933E-04 (305)	1.1720E-04 (305)
26	1.1346E-04 (305)	1.2371E-04 (110)	1.1779E-04 (110)	1.0960E-04 (110)	1.0083E-04 (110)
27	1.2164E-04 (110)	1.2717E-04 (110)	1.2568E-04 (110)	1.2087E-04 (110)	1.1460E-04 (110)
28	1.0364E-04 (172)	1.0906E-04 (172)	1.0603E-04 (116)	9.7775E-05 (116)	8.8743E-05 (116)
29	6.2282E-05 (227)	6.5123E-05 (164)	5.7754E-05 (164)	6.0941E-05 (118)	6.3699E-05 (118)
30	5.2581E-05 (67)	6.8020E-05 (67)	7.3024E-05 (243)	7.0243E-05 (243)	7.0356E-05 (237)
31	8.9215E-05 (237)	9.0335E-05 (136)	8.7518E-05 (237)	9.3035E-05 (219)	9.8838E-05 (136)
32	7.2054E-05 (97)	7.4759E-05 (64)	8.7250E-05 (65)	8.6871E-05 (234)	8.4672E-05 (63)
33	1.0105E-04 (97)	1.0294E-04 (97)	9.4712E-05 (221)	8.5917E-05 (221)	8.0057E-05 (159)
34	7.5330E-05 (199)	8.2633E-05 (199)	8.2675E-05 (236)	8.1991E-05 (236)	7.8991E-05 (236)
35	7.7904E-05 (242)	8.4175E-05 (242)	7.7221E-05 (159)	6.7878E-05 (159)	6.8730E-05 (164)
36	6.6968E-05 (144)	7.2582E-05 (144)	7.1348E-05 (144)	6.7148E-05 (144)	6.2588E-05 (242)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAA3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 7.7107E-04 DIRECTION= 27 DISTANCE= 3.0 KM DAY=180 TIME PERIOD= 4

YEAR= 74

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR	RANGE 3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	4.5540E-04 (221, 5)	4.7362E-04 (98, 5)	4.7429E-04 (210, 4)	4.4342E-04 (210, 4)	4.0958E-04 (210, 4)
2	4.1144E-04 (310, 4)	4.6792E-04 (310, 4)	4.8922E-04 (127, 4)	5.0483E-04 (207, 5)	4.8442E-04 (207, 5)
3	3.3946E-04 (86, 4)	3.6027E-04 (229, 4)	3.9930E-04 (207, 4)	3.6000E-04 (250, 5)	3.4520E-04 (250, 5)
4	5.9479E-04 (158, 5)	5.6373E-04 (158, 5)	6.1881E-04 (90, 5)	6.5238E-04 (90, 5)	6.5646E-04 (90, 5)
5	6.3218E-04 (200, 4)	5.6045E-04 (229, 4)	5.8828E-04 (229, 4)	5.4872E-04 (234, 5)	5.5397E-04 (229, 4)
6	6.4393E-04 (151, 5)	6.2458E-04 (151, 5)	5.7011E-04 (151, 5)	5.6919E-04 (86, 5)	5.9585E-04 (86, 5)
7	4.8882E-04 (129, 4)	4.9484E-04 (129, 4)	5.3739E-04 (226, 5)	5.1468E-04 (205, 5)	4.6005E-04 (205, 5)
8	6.0617E-04 (197, 5)	6.1848E-04 (148, 4)	5.8958E-04 (148, 4)	5.4179E-04 (223, 5)	5.3303E-04 (156, 4)
9	6.3637E-04 (243, 5)	6.3459E-04 (243, 5)	6.4497E-04 (151, 4)	5.9047E-04 (151, 4)	5.9785E-04 (64, 5)
10	5.1354E-04 (247, 5)	5.3342E-04 (247, 5)	5.1920E-04 (121, 4)	5.4862E-04 (197, 6)	5.8657E-04 (197, 6)
11	4.1831E-04 (200, 5)	4.6826E-04 (211, 5)	4.6044E-04 (200, 5)	4.4579E-04 (200, 5)	4.3858E-04 (228, 6)
12	3.5906E-04 (211, 4)	3.4318E-04 (195, 5)	3.4701E-04 (196, 6)	3.5776E-04 (167, 5)	3.5070E-04 (228, 6)
13	3.3449E-04 (237, 5)	3.2375E-04 (237, 5)	2.9519E-04 (237, 5)	2.8160E-04 (99, 5)	2.9412E-04 (257, 6)
14	2.0592E-04 (99, 5)	2.5638E-04 (99, 5)	2.6976E-04 (211, 4)	2.3976E-04 (211, 4)	2.2950E-04 (99, 4)
15	1.9927E-04 (128, 4)	2.4298E-04 (364, 5)	2.7985E-04 (364, 5)	2.9715E-04 (265, 5)	2.7313E-04 (265, 5)
16	3.6771E-04 (234, 4)	3.2610E-04 (282, 4)	3.1428E-04 (282, 4)	2.9400E-04 (162, 4)	3.0751E-04 (338, 4)
17	2.7793E-04 (338, 5)	3.1021E-04 (338, 4)	4.1798E-04 (338, 4)	4.4863E-04 (234, 4)	4.0955E-04 (234, 4)
18	3.9427E-04 (311, 5)	3.8058E-04 (234, 4)	3.5524E-04 (332, 4)	3.9941E-04 (332, 4)	4.1996E-04 (332, 4)
19	2.7461E-04 (108, 5)	2.6027E-04 (243, 5)	2.4629E-04 (364, 5)	2.6037E-04 (115, 5)	2.6624E-04 (115, 5)
20	3.7384E-04 (311, 4)	4.1984E-04 (243, 5)	4.1948E-04 (114, 4)	4.1942E-04 (114, 4)	4.0976E-04 (114, 4)
21	4.0864E-04 (264, 5)	4.6011E-04 (281, 4)	4.9948E-04 (281, 4)	5.1476E-04 (281, 4)	5.1298E-04 (281, 4)
22	3.7306E-04 (233, 4)	3.1891E-04 (233, 4)	3.7064E-04 (254, 6)	4.2843E-04 (254, 6)	4.6003E-04 (254, 6)
23	5.0663E-04 (190, 4)	4.4103E-04 (190, 4)	4.3836E-04 (171, 6)	4.4934E-04 (171, 6)	4.4638E-04 (171, 6)
24	5.0663E-04 (190, 4)	5.3345E-04 (306, 4)	5.5422E-04 (306, 4)	6.2729E-04 (284, 4)	6.7284E-04 (284, 4)
25	5.4857E-04 (110, 5)	6.0689E-04 (110, 5)	6.2389E-04 (110, 5)	6.1541E-04 (110, 5)	5.9215E-04 (110, 5)
26	6.3553E-04 (305, 4)	5.8087E-04 (180, 4)	5.2333E-04 (180, 4)	4.7387E-04 (51, 4)	4.6877E-04 (51, 4)
27	7.7107E-04 (180, 4)	6.8749E-04 (180, 4)	6.1590E-04 (180, 4)	5.5664E-04 (180, 4)	5.0754E-04 (180, 4)
28	5.9846E-04 (164, 4)	5.2097E-04 (164, 4)	4.7229E-04 (172, 3)	4.7106E-04 (169, 4)	4.6012E-04 (172, 3)
29	4.9588E-04 (227, 4)	5.1986E-04 (227, 4)	4.6202E-04 (164, 4)	4.3704E-04 (221, 4)	4.1567E-04 (221, 4)
30	3.8223E-04 (309, 4)	4.7592E-04 (309, 4)	5.1232E-04 (309, 4)	4.7923E-04 (243, 4)	4.3705E-04 (243, 4)
31	6.8954E-04 (237, 4)	6.7802E-04 (237, 4)	6.3605E-04 (237, 4)	5.8578E-04 (237, 4)	5.3682E-04 (237, 4)
32	5.3409E-04 (97, 5)	5.9652E-04 (243, 4)	6.0234E-04 (243, 4)	6.7003E-04 (64, 4)	6.6670E-04 (64, 4)
33	5.5382E-04 (221, 4)	4.8440E-04 (221, 4)	4.3145E-04 (221, 4)	4.8464E-04 (62, 4)	5.1567E-04 (97, 5)
34	4.8320E-04 (97, 5)	5.4100E-04 (159, 4)	5.6971E-04 (159, 4)	5.7314E-04 (159, 4)	5.4714E-04 (199, 4)
35	3.9823E-04 (236, 5)	4.5143E-04 (236, 5)	4.6471E-04 (236, 5)	4.1198E-04 (159, 5)	4.2308E-04 (321, 5)
36	4.3164E-04 (210, 4)	4.8245E-04 (210, 4)	5.0001E-04 (210, 4)	4.9879E-04 (210, 4)	4.9763E-04 (144, 3)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAA3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.5414E-04 DIRECTION= 9 DISTANCE= 4.0 KM DAY=179

YEAR= 75

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	8.0369E-05 (99)	8.0307E-05 (120)	7.1674E-05 (120)	6.4083E-05 (249)	6.3624E-05 (249)
2	7.1777E-05 (119)	8.9782E-05 (66)	1.0258E-04 (92)	9.7818E-05 (91)	9.8076E-05 (91)
3	7.2653E-05 (122)	8.9189E-05 (118)	1.0049E-04 (24)	1.0785E-04 (118)	1.0800E-04 (118)
4	9.3706E-05 (161)	9.3308E-05 (171)	9.6774E-05 (24)	1.0224E-04 (24)	1.0321E-04 (24)
5	8.7374E-05 (132)	1.0688E-04 (137)	1.2202E-04 (161)	1.1521E-04 (161)	1.0732E-04 (161)
6	6.4094E-05 (176)	6.4963E-05 (201)	6.7878E-05 (137)	7.0590E-05 (137)	6.9980E-05 (137)
7	1.2796E-04 (178)	1.3117E-04 (178)	1.2550E-04 (178)	1.1604E-04 (178)	1.0558E-04 (178)
8	1.0443E-04 (115)	1.2447E-04 (189)	1.2645E-04 (185)	1.1864E-04 (185)	1.1009E-04 (185)
9	1.3823E-04 (179)	1.5280E-04 (179)	1.5414E-04 (179)	1.4822E-04 (179)	1.3902E-04 (179)
10	1.0248E-04 (166)	1.0825E-04 (179)	1.0388E-04 (179)	9.6244E-05 (179)	8.7862E-05 (179)
11	6.7082E-05 (140)	6.8269E-05 (140)	6.4514E-05 (140)	6.5681E-05 (166)	6.7080E-05 (170)
12	4.5943E-05 (97)	4.8848E-05 (231)	4.9621E-05 (231)	4.8391E-05 (231)	4.7691E-05 (180)
13	6.4873E-05 (244)	8.5468E-05 (226)	8.7382E-05 (226)	8.5125E-05 (226)	8.0875E-05 (226)
14	5.3898E-05 (180)	5.9929E-05 (180)	6.1785E-05 (180)	6.0980E-05 (180)	5.8674E-05 (180)
15	5.6280E-05 (244)	6.6075E-05 (244)	6.5130E-05 (177)	5.8810E-05 (177)	5.3687E-05 (177)
16	5.8184E-05 (144)	6.0909E-05 (95)	6.7228E-05 (95)	7.0005E-05 (95)	7.0206E-05 (95)
17	5.3079E-05 (144)	5.2094E-05 (105)	6.1532E-05 (105)	6.6341E-05 (105)	6.7734E-05 (105)
18	3.7329E-05 (95)	4.6839E-05 (143)	4.6869E-05 (96)	5.1892E-05 (96)	5.3952E-05 (96)
19	3.5449E-05 (94)	3.8349E-05 (94)	3.9331E-05 (94)	3.7421E-05 (143)	3.3504E-05 (143)
20	6.4951E-05 (143)	5.8018E-05 (293)	7.5458E-05 (293)	7.3473E-05 (106)	7.0441E-05 (106)
21	6.3533E-05 (106)	7.2349E-05 (64)	7.4374E-05 (176)	8.0037E-05 (14)	8.4632E-05 (14)
22	6.8197E-05 (141)	8.9486E-05 (141)	1.0380E-04 (141)	1.0615E-04 (176)	1.0301E-04 (176)
23	7.2792E-05 (181)	7.5917E-05 (176)	8.1513E-05 (181)	8.0264E-05 (181)	7.7728E-05 (181)
24	5.4339E-05 (247)	6.0526E-05 (142)	6.5525E-05 (142)	6.6647E-05 (142)	6.5146E-05 (142)
25	7.7484E-05 (250)	7.8644E-05 (97)	8.2496E-05 (142)	9.1206E-05 (142)	9.4791E-05 (142)
26	1.1467E-04 (247)	1.1101E-04 (116)	1.1341E-04 (253)	1.2958E-04 (253)	1.2509E-04 (247)
27	1.2850E-04 (248)	1.4111E-04 (248)	1.4460E-04 (248)	1.4258E-04 (248)	1.3751E-04 (248)
28	8.9320E-05 (248)	9.8408E-05 (250)	1.0149E-04 (250)	9.9166E-05 (184)	8.8693E-05 (184)
29	7.8626E-05 (250)	8.2500E-05 (250)	7.9775E-05 (250)	7.6428E-05 (251)	7.7366E-05 (251)
30	9.5562E-05 (219)	1.0730E-04 (219)	1.0999E-04 (217)	1.0433E-04 (217)	1.0432E-04 (143)
31	6.1927E-05 (114)	6.0556E-05 (219)	6.2223E-05 (219)	6.8241E-05 (222)	7.7269E-05 (222)
32	7.2237E-05 (258)	7.8034E-05 (258)	7.7615E-05 (161)	8.4252E-05 (242)	8.3227E-05 (242)
33	8.5271E-05 (114)	8.6716E-05 (218)	8.8542E-05 (218)	8.9506E-05 (242)	8.7523E-05 (242)
34	7.5091E-05 (260)	7.8687E-05 (260)	7.6483E-05 (260)	7.1693E-05 (260)	6.6576E-05 (198)
35	6.0015E-05 (147)	6.5589E-05 (147)	6.5718E-05 (147)	6.3428E-05 (147)	6.2017E-05 (169)
36	6.2041E-05 (162)	5.4436E-05 (249)	5.9760E-05 (249)	6.1841E-05 (249)	6.1693E-05 (249)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 7.7126E-04 DIRECTION= 30 DISTANCE= 4.0 KM DAY=219 TIME PERIOD= 4

YEAR= 75

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	6.3852E-04 (99, 5)	6.4245E-04 (120, 4)	5.7340E-04 (120, 4)	5.0268E-04 (120, 4)	4.3910E-04 (120, 4)
2	4.7297E-04 (126, 4)	4.9534E-04 (92, 5)	5.0660E-04 (92, 5)	5.0973E-04 (48, 4)	5.6998E-04 (48, 4)
3	4.9184E-04 (216, 5)	5.5689E-04 (216, 5)	5.8426E-04 (216, 5)	5.8504E-04 (216, 5)	5.6719E-04 (203, 4)
4	4.9212E-04 (171, 4)	5.0703E-04 (24, 4)	5.4166E-04 (109, 5)	5.8237E-04 (109, 5)	5.5794E-04 (203, 4)
5	6.9800E-04 (132, 4)	6.5509E-04 (132, 4)	5.8856E-04 (132, 4)	5.4656E-04 (137, 4)	5.5574E-04 (137, 4)
6	5.0171E-04 (181, 5)	5.0001E-04 (181, 5)	4.9150E-04 (181, 5)	4.7710E-04 (181, 5)	4.5809E-04 (181, 5)
7	5.2668E-04 (176, 4)	5.6263E-04 (185, 4)	5.3089E-04 (181, 5)	5.7331E-04 (80, 5)	6.0813E-04 (80, 5)
8	5.4105E-04 (162, 5)	5.3120E-04 (299, 4)	5.5582E-04 (299, 4)	5.5002E-04 (299, 4)	5.0376E-04 (185, 4)
9	7.0046E-04 (169, 5)	7.1128E-04 (180, 4)	7.0973E-04 (180, 4)	6.8083E-04 (180, 4)	6.4031E-04 (180, 4)
10	4.9870E-04 (179, 5)	4.9638E-04 (179, 5)	4.9586E-04 (244, 4)	4.7717E-04 (244, 4)	4.5504E-04 (134, 6)
11	3.8952E-04 (126, 5)	4.2721E-04 (126, 5)	4.3712E-04 (177, 5)	4.0054E-04 (177, 5)	4.0236E-04 (40, 5)
12	3.6717E-04 (97, 4)	3.2060E-04 (97, 4)	3.4739E-04 (140, 6)	3.6106E-04 (140, 6)	3.6020E-04 (140, 6)
13	3.3123E-04 (180, 5)	3.6794E-04 (226, 4)	3.9938E-04 (226, 4)	4.0750E-04 (226, 4)	4.0181E-04 (226, 4)
14	3.4945E-04 (244, 5)	3.2963E-04 (177, 4)	2.8752E-04 (177, 4)	2.8002E-04 (163, 5)	2.8318E-04 (163, 5)
15	3.1016E-04 (297, 4)	3.3876E-04 (244, 4)	3.7021E-04 (244, 4)	3.7633E-04 (244, 4)	3.6679E-04 (244, 4)
16	4.6336E-04 (177, 4)	3.9911E-04 (177, 4)	3.6053E-04 (144, 4)	3.4670E-04 (65, 4)	3.4544E-04 (65, 4)
17	4.0533E-04 (95, 4)	3.7477E-04 (105, 5)	4.4974E-04 (105, 5)	4.6069E-04 (95, 4)	4.5065E-04 (95, 4)
18	2.7275E-04 (95, 4)	3.0659E-04 (95, 4)	3.2414E-04 (95, 4)	3.4746E-04 (326, 4)	3.7557E-04 (326, 4)
19	2.6649E-04 (143, 4)	2.4814E-04 (65, 4)	2.6909E-04 (65, 4)	2.6865E-04 (65, 4)	2.5833E-04 (300, 4)
20	3.2282E-04 (106, 5)	4.1273E-04 (65, 4)	3.9560E-04 (143, 4)	4.1574E-04 (57, 4)	4.4716E-04 (65, 4)
21	4.2902E-04 (143, 4)	5.4431E-04 (64, 5)	5.8565E-04 (176, 4)	5.6447E-04 (56, 4)	5.7943E-04 (56, 4)
22	3.6396E-04 (141, 4)	4.2466E-04 (141, 4)	4.4683E-04 (141, 4)	4.4444E-04 (141, 4)	4.3586E-04 (111, 4)
23	5.8234E-04 (181, 4)	5.9854E-04 (176, 4)	5.3773E-04 (176, 4)	5.7756E-04 (85, 5)	6.0164E-04 (85, 5)
24	4.2100E-04 (247, 5)	4.4609E-04 (276, 4)	4.6461E-04 (276, 4)	4.5316E-04 (276, 4)	4.2836E-04 (276, 4)
25	5.9109E-04 (97, 4)	6.2891E-04 (97, 4)	6.1394E-04 (97, 4)	5.7800E-04 (97, 4)	5.5384E-04 (276, 4)
26	5.9776E-04 (247, 4)	6.0789E-04 (247, 4)	5.7514E-04 (247, 4)	5.2787E-04 (247, 4)	5.1451E-04 (142, 4)
27	5.8676E-04 (248, 5)	5.8247E-04 (248, 5)	5.9121E-04 (284, 4)	6.1273E-04 (284, 4)	6.0996E-04 (284, 4)
28	3.7801E-04 (74, 4)	4.3392E-04 (74, 4)	4.4304E-04 (74, 4)	4.3730E-04 (286, 4)	4.4141E-04 (184, 4)
29	3.8032E-04 (250, 4)	3.9126E-04 (162, 3)	4.1065E-04 (223, 4)	4.1208E-04 (223, 4)	3.9714E-04 (223, 4)
30	7.0847E-04 (219, 4)	7.5158E-04 (219, 4)	7.7126E-04 (219, 4)	7.0663E-04 (217, 4)	6.4235E-04 (217, 4)
31	4.4286E-04 (219, 4)	4.5945E-04 (219, 4)	4.6253E-04 (219, 4)	5.1378E-04 (127, 3)	5.7104E-04 (127, 3)
32	4.2470E-04 (168, 4)	4.4564E-04 (168, 4)	4.6927E-04 (148, 3)	4.7412E-04 (161, 3)	4.9732E-04 (281, 4)
33	6.4609E-04 (114, 5)	6.9090E-04 (242, 4)	6.6239E-04 (242, 4)	6.2615E-04 (242, 4)	5.8651E-04 (242, 4)
34	6.0073E-04 (260, 4)	6.2950E-04 (260, 4)	6.1186E-04 (260, 4)	5.7354E-04 (260, 4)	5.2953E-04 (260, 4)
35	4.1361E-04 (260, 4)	4.5547E-04 (260, 4)	4.5877E-04 (260, 4)	4.4048E-04 (260, 4)	4.3193E-04 (136, 4)
36	4.5674E-04 (120, 4)	4.2091E-04 (120, 4)	3.8569E-04 (202, 4)	3.9980E-04 (202, 3)	4.0408E-04 (145, 3)

COMPOSITE HIGHEST,SECOND-HIGHEST 24-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	80.	80.	78.	71.	70.
2	74.	90.	103.	98.	98.
3	90.	91.	100.	108.	108.
4	94.	103.	97.	102.	103.
5	132.	135.	135.	131.	126.
6	120.	129.	120.	123.	121.
7	129.	131.	125.	119.	113.
8	127.	129.	126.	119.	110.
9	156.	178.	183.	179.	184.
10	138.	147.	146.	142.	136.
11	78.	80.	84.	86.	85.
12	79.	73.	89.	102.	104.
13	65.	85.	87.	85.	81.
14	54.	60.	62.	61.	61.
15	56.	66.	65.	59.	61.
16	63.	62.	67.	70.	75.
17	58.	70.	62.	66.	68.
18	55.	63.	74.	81.	81.
19	59.	59.	57.	60.	62.
20	77.	81.	78.	73.	70.
21	107.	118.	115.	105.	104.
22	94.	94.	104.	106.	103.
23	116.	119.	116.	109.	102.
24	87.	98.	111.	131.	143.
25	87.	99.	114.	119.	120.
26	115.	124.	118.	130.	125.
27	128.	141.	145.	143.	138.
28	104.	109.	106.	103.	100.
29	90.	97.	94.	101.	98.
30	96.	107.	110.	104.	104.
31	89.	90.	88.	93.	99.
32	103.	100.	106.	108.	106.
33	116.	121.	118.	110.	102.
34	77.	83.	96.	107.	111.
35	99.	100.	95.	88.	83.
36	112.	117.	113.	107.	100.

COMPOSITE HIGHEST, SECOND-HIGHEST 3-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	639.	642.	573.	503.	522.
2	499.	495.	522.	517.	570.
3	595.	576.	584.	585.	567.
4	612.	564.	619.	652.	656.
5	792.	707.	695.	685.	653.
6	651.	625.	648.	666.	639.
7	736.	718.	693.	650.	619.
8	680.	694.	665.	621.	572.
9	856.	972.	1022.	1031.	1016.
10	697.	737.	723.	687.	688.
11	430.	468.	460.	459.	461.
12	632.	553.	520.	548.	509.
13	334.	402.	447.	451.	437.
14	349.	371.	387.	421.	431.
15	430.	376.	411.	446.	457.
16	463.	415.	391.	445.	456.
17	405.	375.	450.	461.	451.
18	394.	381.	418.	470.	495.
19	344.	382.	391.	404.	426.
20	391.	454.	470.	457.	447.
21	571.	595.	586.	564.	579.
22	579.	670.	646.	603.	557.
23	621.	599.	538.	578.	602.
24	601.	600.	554.	627.	673.
25	591.	629.	624.	615.	592.
26	636.	608.	575.	528.	515.
27	771.	687.	616.	613.	610.
28	625.	545.	569.	568.	550.
29	496.	520.	462.	437.	434.
30	708.	752.	771.	707.	642.
31	690.	678.	636.	586.	571.
32	534.	597.	602.	670.	667.
33	646.	691.	662.	634.	646.
34	691.	629.	612.	617.	642.
35	708.	678.	615.	545.	479.
36	595.	645.	648.	627.	596.

RING DISTANCES(KM)= 5.50 6.00 7.00 20.80 53.20

STACK # 1--TECO 1&2 100% 31.5T/H SO2
STACK # 2--TECO 3&4 100% 31.5T/H SO2

STACK #	MONTH	EMISSION RATE (GMS/SEC)	HEIGHT (METERS)	DIAMETER (METERS)	EXIT VELOCITY (M/SEC)	TEMP (DEG.K)	VOLUMETRIC FLOW (M**3/SEC)
1	ALL	5249.0898	149.40	7.32	28.60	422.00	1203.59
2	ALL	3398.3401	149.40	7.32	34.30	370.00	1443.46

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAX3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.4933E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=128

YEAR= 71

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	5.9677E-05 (260)	5.6656E-05 (113)	5.2261E-05 (113)	4.1093E-05 (56)	2.5641E-05 (113)
2	9.1912E-05 (331)	9.2471E-05 (331)	8.9562E-05 (113)	5.6765E-05 (113)	2.9659E-05 (228)
3	8.3110E-05 (205)	8.0259E-05 (205)	7.3326E-05 (205)	3.1281E-05 (354)	2.0561E-05 (111)
4	8.2696E-05 (205)	7.6783E-05 (234)	6.6233E-05 (234)	2.9284E-05 (205)	1.1622E-05 (114)
5	7.3096E-05 (288)	7.1705E-05 (205)	6.8274E-05 (178)	3.2262E-05 (178)	1.9288E-05 (112)
6	7.3029E-05 (206)	6.5524E-05 (206)	5.4167E-05 (206)	4.2742E-05 (118)	2.9632E-05 (118)
7	7.0625E-05 (224)	7.4120E-05 (224)	6.8039E-05 (224)	3.4769E-05 (229)	1.9364E-05 (117)
8	8.5655E-05 (257)	8.2768E-05 (139)	7.3561E-05 (139)	3.2910E-05 (344)	2.3709E-05 (256)
9	1.4933E-04 (128)	1.4037E-04 (220)	1.2381E-04 (128)	7.6383E-05 (166)	4.3800E-05 (166)
10	1.0680E-04 (161)	1.0545E-04 (161)	9.9341E-05 (161)	4.8281E-05 (195)	3.0989E-05 (195)
11	8.0500E-05 (196)	7.8565E-05 (196)	7.2007E-05 (196)	4.0836E-05 (44)	2.0488E-05 (325)
12	9.3875E-05 (198)	8.5206E-05 (198)	7.1253E-05 (198)	5.5148E-05 (123)	2.9284E-05 (44)
13	6.6283E-05 (123)	6.4565E-05 (123)	5.9916E-05 (123)	3.1996E-05 (123)	1.9740E-05 (220)
14	5.7964E-05 (222)	5.6860E-05 (222)	5.3049E-05 (222)	3.7041E-05 (63)	2.0343E-05 (19)
15	6.3995E-05 (221)	6.4769E-05 (221)	6.2419E-05 (221)	4.1514E-05 (121)	2.1786E-05 (121)
16	6.1425E-05 (124)	6.1091E-05 (124)	5.7971E-05 (124)	3.8302E-05 (121)	2.2296E-05 (76)
17	4.4360E-05 (169)	4.3721E-05 (169)	4.1128E-05 (169)	2.3818E-05 (181)	1.4711E-05 (67)
18	5.5554E-05 (99)	5.3067E-05 (99)	4.7671E-05 (99)	2.7062E-05 (226)	2.0832E-05 (89)
19	4.9837E-05 (316)	5.0087E-05 (316)	4.7395E-05 (316)	3.6051E-05 (67)	2.4565E-05 (314)
20	4.4284E-05 (46)	4.1569E-05 (46)	3.6580E-05 (46)	2.3457E-05 (170)	1.5037E-05 (41)
21	6.7896E-05 (311)	6.7506E-05 (311)	6.3613E-05 (311)	4.1042E-05 (356)	3.2739E-05 (308)
22	5.3971E-05 (47)	5.4234E-05 (326)	5.6148E-05 (326)	4.0790E-05 (356)	2.8457E-05 (301)
23	7.4708E-05 (68)	7.2283E-05 (272)	7.0372E-05 (329)	6.2491E-05 (292)	3.9761E-05 (292)
24	9.5972E-05 (156)	8.9273E-05 (156)	7.7510E-05 (156)	4.8166E-05 (352)	4.4855E-05 (319)
25	7.4162E-05 (285)	7.2773E-05 (285)	6.7637E-05 (285)	3.8075E-05 (335)	2.9030E-05 (156)
26	7.1785E-05 (267)	7.1813E-05 (267)	6.7960E-05 (267)	4.4810E-05 (33)	3.1229E-05 (33)
27	1.2197E-04 (190)	1.1951E-04 (101)	1.0832E-04 (101)	5.1715E-05 (190)	3.1807E-05 (49)
28	9.5606E-05 (231)	9.0836E-05 (231)	8.1261E-05 (231)	3.8687E-05 (305)	3.0273E-05 (244)
29	8.5215E-05 (214)	8.6199E-05 (214)	8.3236E-05 (214)	3.9923E-05 (247)	2.8970E-05 (143)
30	8.6380E-05 (210)	8.9187E-05 (210)	8.9305E-05 (210)	4.7407E-05 (138)	3.8306E-05 (3)
31	6.2606E-05 (243)	6.3202E-05 (243)	6.0981E-05 (243)	3.3347E-05 (348)	2.8455E-05 (261)
32	1.0102E-04 (2)	9.5433E-05 (2)	8.4636E-05 (2)	3.3038E-05 (2)	1.9380E-05 (345)
33	9.4054E-05 (363)	9.6918E-05 (363)	9.2884E-05 (91)	4.7995E-05 (185)	3.0940E-05 (361)
34	1.1016E-04 (259)	1.0358E-04 (259)	9.1205E-05 (259)	3.2817E-05 (259)	1.9263E-05 (59)
35	7.9686E-05 (229)	7.5621E-05 (229)	6.7571E-05 (229)	2.3317E-05 (229)	1.7472E-05 (255)
36	9.2846E-05 (260)	8.6416E-05 (260)	7.5192E-05 (260)	3.7876E-05 (58)	2.8602E-05 (229)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 7.2815E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=178 TIME PERIOD= 4

YEAR= 71

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	4.0232E-04 (296, 4)	3.7725E-04 (296, 4)	3.3119E-04 (296, 4)	1.9841E-04 (62, 3)	1.3029E-04 (201, 4)
2	5.0185E-04 (230, 5)	5.0366E-04 (25, 4)	4.9625E-04 (25, 4)	2.2258E-04 (331, 4)	1.0919E-04 (30, 6)
3	4.5984E-04 (235, 5)	4.3798E-04 (235, 5)	4.1737E-04 (331, 4)	1.8673E-04 (263, 6)	9.9186E-05 (65, 6)
4	5.1849E-04 (127, 4)	5.2743E-04 (127, 4)	4.7972E-04 (234, 4)	1.7718E-04 (233, 6)	8.3236E-05 (201, 5)
5	4.8881E-04 (200, 4)	5.1652E-04 (178, 3)	5.2673E-04 (234, 4)	2.2631E-04 (205, 6)	9.8664E-05 (205, 6)
6	5.0217E-04 (200, 4)	4.6380E-04 (200, 4)	4.0018E-04 (200, 4)	1.6771E-04 (114, 2)	1.2501E-04 (60, 7)
7	4.5884E-04 (295, 4)	4.4910E-04 (21, 5)	4.4974E-04 (21, 5)	2.2803E-04 (114, 5)	1.0965E-04 (73, 6)
8	5.4924E-04 (160, 4)	5.2281E-04 (160, 4)	5.0948E-04 (232, 5)	1.6150E-04 (121, 1)	1.1289E-04 (344, 6)
9	7.2815E-04 (178, 4)	6.9151E-04 (178, 4)	6.3156E-04 (238, 5)	2.5869E-04 (256, 4)	1.3851E-04 (200, 6)
10	6.7600E-04 (168, 4)	6.5048E-04 (168, 4)	5.7831E-04 (204, 5)	2.3352E-04 (172, 6)	1.3309E-04 (172, 8)
11	4.4887E-04 (196, 4)	4.2123E-04 (204, 5)	3.6657E-04 (204, 5)	1.4304E-04 (96, 8)	8.8611E-05 (337, 6)
12	4.6515E-04 (198, 4)	4.2639E-04 (198, 4)	3.6356E-04 (198, 4)	1.9366E-04 (39, 6)	1.0227E-04 (136, 4)
13	4.1832E-04 (136, 4)	4.1173E-04 (136, 4)	3.7831E-04 (136, 4)	1.4312E-04 (44, 8)	1.0205E-04 (223, 3)
14	3.8556E-04 (199, 6)	4.0065E-04 (199, 6)	4.0065E-04 (199, 6)	1.9186E-04 (235, 5)	9.4725E-05 (136, 2)
15	4.6510E-04 (222, 4)	4.3947E-04 (222, 4)	3.9498E-04 (222, 5)	1.5604E-04 (89, 1)	1.0786E-04 (70, 7)
16	4.5113E-04 (169, 4)	4.4170E-04 (169, 4)	4.1483E-04 (169, 4)	1.9713E-04 (89, 4)	1.1273E-04 (93, 1)
17	3.0472E-04 (99, 4)	3.0799E-04 (315, 5)	3.0764E-04 (315, 5)	1.6106E-04 (67, 4)	8.7899E-05 (67, 4)
18	3.9682E-04 (124, 5)	3.7620E-04 (124, 5)	3.4124E-04 (334, 5)	1.7283E-04 (334, 5)	1.1189E-04 (89, 3)
19	3.6681E-04 (316, 5)	3.7087E-04 (316, 5)	3.5423E-04 (316, 5)	1.4656E-04 (314, 6)	1.1760E-04 (67, 3)
20	3.5427E-04 (40, 5)	3.3255E-04 (46, 5)	2.9264E-04 (46, 5)	1.5331E-04 (301, 5)	1.0386E-04 (357, 8)
21	3.4807E-04 (98, 4)	3.3610E-04 (98, 4)	3.0527E-04 (98, 4)	1.6452E-04 (326, 4)	1.5069E-04 (357, 1)
22	4.0835E-04 (291, 5)	3.9326E-04 (291, 5)	3.8892E-04 (326, 4)	1.8009E-04 (326, 4)	1.3493E-04 (313, 8)
23	4.3998E-04 (271, 5)	4.4914E-04 (273, 4)	4.6056E-04 (273, 4)	2.2492E-04 (270, 4)	1.2772E-04 (32, 3)
24	4.4578E-04 (90, 4)	4.2226E-04 (90, 4)	3.7519E-04 (90, 4)	2.0294E-04 (357, 5)	1.5609E-04 (310, 1)
25	5.2214E-04 (156, 3)	5.3900E-04 (156, 3)	5.3455E-04 (285, 4)	2.2893E-04 (232, 4)	1.3925E-04 (336, 6)
26	4.3682E-04 (360, 4)	4.2662E-04 (360, 4)	3.9995E-04 (156, 3)	1.6876E-04 (241, 6)	1.3152E-04 (353, 3)
27	4.8264E-04 (86, 5)	4.8209E-04 (265, 4)	4.6791E-04 (265, 4)	2.5360E-04 (313, 4)	1.3374E-04 (313, 4)
28	5.2085E-04 (231, 4)	4.8313E-04 (231, 4)	4.2753E-04 (101, 5)	2.0002E-04 (244, 6)	1.3152E-04 (327, 6)
29	4.2778E-04 (360, 5)	4.2787E-04 (360, 5)	4.0515E-04 (360, 5)	1.9830E-04 (21, 4)	1.0210E-04 (305, 8)
30	6.0375E-04 (211, 3)	6.2147E-04 (182, 4)	5.5123E-04 (182, 4)	2.1150E-04 (182, 4)	1.4996E-04 (253, 1)
31	3.5969E-04 (278, 4)	3.6362E-04 (278, 4)	3.5842E-04 (261, 4)	1.7031E-04 (362, 4)	1.1298E-04 (139, 2)
32	4.5306E-04 (2, 4)	4.2441E-04 (2, 4)	3.8928E-04 (346, 4)	1.9261E-04 (345, 4)	1.1320E-04 (345, 4)
33	6.2003E-04 (77, 5)	6.5493E-04 (185, 4)	6.5654E-04 (91, 5)	2.2776E-04 (333, 1)	1.4621E-04 (332, 5)
34	6.4223E-04 (187, 4)	6.2681E-04 (187, 4)	5.6022E-04 (259, 4)	1.9646E-04 (279, 3)	1.1307E-04 (99, 1)
35	4.2192E-04 (211, 4)	3.7376E-04 (211, 4)	3.1049E-04 (218, 5)	1.1848E-04 (176, 8)	1.3978E-04 (255, 8)
36	5.6070E-04 (260, 4)	5.2559E-04 (260, 4)	4.6140E-04 (260, 4)	2.5003E-04 (58, 4)	1.4049E-04 (229, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.8550E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=207

YEAR= 72

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	7.0369E-05 (107)	6.9129E-05 (107)	6.4411E-05 (107)	3.4902E-05 (330)	2.3369E-05 (65)
2	9.9789E-05 (57)	9.8973E-05 (57)	9.3967E-05 (114)	4.4055E-05 (341)	2.3403E-05 (21)
3	8.3951E-05 (105)	8.1319E-05 (105)	7.4745E-05 (57)	4.1134E-05 (129)	2.8708E-05 (89)
4	6.9538E-05 (136)	6.9867E-05 (269)	6.1303E-05 (195)	2.2435E-05 (269)	1.3004E-05 (245)
5	1.0975E-04 (211)	1.0687E-04 (211)	9.4888E-05 (261)	3.5291E-05 (261)	1.9177E-05 (312)
6	9.7157E-05 (261)	9.3030E-05 (261)	8.5831E-05 (261)	4.7437E-05 (85)	2.2432E-05 (107)
7	1.0341E-04 (298)	9.5759E-05 (298)	9.1589E-05 (316)	3.9263E-05 (172)	2.3537E-05 (99)
8	9.7969E-05 (220)	9.3969E-05 (220)	8.5798E-05 (220)	4.8761E-05 (172)	2.9093E-05 (180)
9	1.8550E-04 (207)	1.8356E-04 (207)	1.7426E-04 (207)	1.1525E-04 (174)	6.5124E-05 (174)
10	1.2919E-04 (242)	1.2254E-04 (242)	1.1009E-04 (242)	5.5639E-05 (178)	2.5199E-05 (124)
11	7.9856E-05 (131)	7.6127E-05 (131)	6.7487E-05 (131)	4.1489E-05 (143)	2.5343E-05 (143)
12	5.2517E-05 (238)	5.2950E-05 (238)	5.1548E-05 (245)	2.6472E-05 (49)	2.1094E-05 (331)
13	4.6892E-05 (185)	4.8717E-05 (185)	4.9228E-05 (185)	4.0656E-05 (44)	2.5654E-05 (361)
14	4.6213E-05 (282)	4.3525E-05 (146)	3.8358E-05 (146)	2.7155E-05 (360)	2.0964E-05 (358)
15	4.5172E-05 (146)	4.4430E-05 (146)	4.1506E-05 (146)	3.3920E-05 (362)	2.4180E-05 (44)
16	4.0362E-05 (322)	4.2681E-05 (322)	4.1241E-05 (263)	3.0539E-05 (362)	1.7482E-05 (325)
17	3.8570E-05 (326)	4.4594E-05 (326)	5.3431E-05 (326)	4.4572E-05 (351)	2.8307E-05 (351)
18	5.0940E-05 (247)	4.8111E-05 (247)	4.7070E-05 (147)	4.6812E-05 (320)	4.0214E-05 (320)
19	4.2981E-05 (313)	4.2696E-05 (189)	3.6418E-05 (189)	3.6246E-05 (16)	2.6221E-05 (16)
20	5.8030E-05 (252)	5.1800E-05 (252)	4.7291E-05 (193)	2.3807E-05 (92)	1.7546E-05 (336)
21	6.4410E-05 (189)	5.9447E-05 (189)	5.5449E-05 (256)	3.0937E-05 (336)	2.0087E-05 (92)
22	5.7452E-05 (191)	5.9078E-05 (288)	5.8351E-05 (288)	4.9649E-05 (66)	3.0825E-05 (69)
23	6.5588E-05 (266)	5.9466E-05 (191)	5.5631E-05 (279)	6.2750E-05 (117)	4.0002E-05 (117)
24	8.1596E-05 (288)	8.6444E-05 (267)	8.5858E-05 (267)	5.5285E-05 (294)	3.3827E-05 (353)
25	8.8800E-05 (157)	8.5742E-05 (157)	7.7269E-05 (157)	5.0089E-05 (156)	3.3220E-05 (156)
26	1.1930E-04 (257)	1.1771E-04 (257)	1.1153E-04 (257)	4.8905E-05 (265)	3.0932E-05 (66)
27	8.1129E-05 (268)	8.3661E-05 (268)	8.5934E-05 (268)	6.8739E-05 (306)	4.9937E-05 (268)
28	8.6554E-05 (339)	8.4984E-05 (339)	7.9677E-05 (339)	8.0375E-05 (121)	5.2054E-05 (121)
29	6.6722E-05 (230)	6.7611E-05 (230)	6.6296E-05 (230)	5.0036E-05 (169)	2.6159E-05 (101)
30	8.2069E-05 (345)	8.1367E-05 (345)	7.4354E-05 (228)	3.4262E-05 (332)	2.4392E-05 (365)
31	8.2055E-05 (332)	8.2386E-05 (241)	7.6574E-05 (241)	3.1718E-05 (213)	2.0134E-05 (308)
32	8.5163E-05 (61)	8.3136E-05 (61)	7.6458E-05 (61)	3.6979E-05 (364)	2.8117E-05 (1)
33	8.9021E-05 (12)	9.1254E-05 (12)	8.9595E-05 (12)	4.7044E-05 (301)	3.1319E-05 (301)
34	5.3714E-05 (211)	5.4323E-05 (211)	5.2496E-05 (211)	2.5440E-05 (90)	1.8888E-05 (2)
35	4.8816E-05 (213)	4.6008E-05 (213)	4.0335E-05 (238)	2.8913E-05 (309)	1.6821E-05 (309)
36	6.0537E-05 (136)	5.7974E-05 (64)	5.2240E-05 (64)	3.5390E-05 (91)	2.2131E-05 (357)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 9.8709E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=207 TIME PERIOD= 4

YEAR= 72

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR	RANGE 5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	5.0933E-04 (113, 4)	4.8177E-04 (113, 4)	4.2167E-04 (113, 4)	1.7847E-04 (107, 4)	1.3738E-04 (330, 7)
2	5.0975E-04 (57, 4)	5.1125E-04 (57, 4)	4.9147E-04 (57, 4)	1.9053E-04 (171, 6)	9.2522E-05 (57, 4)
3	4.4507E-04 (135, 5)	4.4028E-04 (149, 5)	4.1037E-04 (149, 5)	1.8554E-04 (300, 6)	1.1139E-04 (76, 7)
4	4.1486E-04 (110, 5)	3.9212E-04 (110, 5)	3.5443E-04 (209, 4)	1.4065E-04 (269, 6)	8.7405E-05 (14, 5)
5	5.2505E-04 (292, 4)	5.1222E-04 (292, 4)	4.7218E-04 (292, 4)	1.7360E-04 (292, 4)	1.1454E-04 (233, 4)
6	6.1531E-04 (85, 4)	6.1063E-04 (210, 6)	5.8290E-04 (210, 6)	2.5955E-04 (210, 6)	1.3307E-04 (85, 4)
7	5.7655E-04 (299, 4)	5.4353E-04 (299, 4)	4.8652E-04 (138, 4)	1.8593E-04 (309, 5)	9.4984E-05 (138, 4)
8	5.2652E-04 (153, 4)	5.3180E-04 (153, 4)	5.1122E-04 (153, 4)	1.8846E-04 (290, 4)	1.0358E-04 (177, 6)
9	9.8709E-04 (207, 4)	9.3152E-04 (207, 4)	8.2546E-04 (207, 4)	3.1519E-04 (207, 4)	1.3736E-04 (207, 4)
10	6.5264E-04 (183, 5)	6.2058E-04 (183, 5)	5.5670E-04 (183, 5)	2.3150E-04 (96, 6)	1.2866E-04 (209, 6)
11	4.1062E-04 (222, 5)	3.9590E-04 (222, 5)	3.5537E-04 (222, 5)	1.8340E-04 (44, 6)	1.0399E-04 (97, 7)
12	3.5092E-04 (97, 5)	3.8015E-04 (112, 4)	3.3664E-04 (112, 4)	1.4518E-04 (350, 8)	1.2671E-04 (245, 6)
13	3.3139E-04 (112, 4)	3.1322E-04 (112, 4)	3.1844E-04 (226, 6)	1.5501E-04 (50, 5)	9.6898E-05 (91, 7)
14	3.6966E-04 (282, 4)	3.4659E-04 (282, 4)	3.0495E-04 (282, 4)	1.8460E-04 (322, 5)	1.1578E-04 (322, 5)
15	2.5912E-04 (109, 6)	2.6075E-04 (109, 6)	2.5079E-04 (109, 6)	1.5474E-04 (26, 5)	1.2292E-04 (50, 1)
16	2.4786E-04 (260, 5)	2.5005E-04 (259, 6)	2.4547E-04 (259, 6)	1.4591E-04 (322, 4)	8.7062E-05 (217, 8)
17	2.5101E-04 (279, 5)	2.6819E-04 (326, 5)	3.2839E-04 (326, 5)	2.0335E-04 (326, 5)	1.0130E-04 (326, 2)
18	3.4928E-04 (260, 4)	3.3492E-04 (147, 4)	3.7656E-04 (147, 4)	1.5430E-04 (147, 4)	1.3033E-04 (320, 3)
19	2.8735E-04 (206, 4)	2.7200E-04 (206, 4)	2.4120E-04 (289, 4)	1.6882E-04 (16, 2)	1.2971E-04 (16, 2)
20	2.8735E-04 (206, 4)	2.7200E-04 (206, 4)	2.5949E-04 (7, 4)	1.4668E-04 (15, 8)	8.9164E-05 (15, 8)
21	3.7654E-04 (157, 6)	3.8571E-04 (288, 5)	3.8704E-04 (288, 5)	1.4699E-04 (16, 5)	1.1357E-04 (7, 3)
22	3.5534E-04 (189, 4)	3.3608E-04 (189, 4)	3.3082E-04 (279, 3)	1.7832E-04 (17, 1)	1.0806E-04 (278, 2)
23	3.6080E-04 (217, 4)	3.7643E-04 (272, 3)	3.9478E-04 (272, 3)	1.9987E-04 (337, 4)	1.3371E-04 (17, 8)
24	3.9359E-04 (158, 5)	3.7810E-04 (52, 4)	3.4472E-04 (288, 3)	1.7611E-04 (294, 4)	1.2198E-04 (339, 2)
25	5.2154E-04 (226, 4)	5.1412E-04 (226, 4)	4.8059E-04 (226, 4)	2.1466E-04 (264, 3)	1.2464E-04 (310, 1)
26	3.9711E-04 (246, 4)	3.8012E-04 (246, 4)	3.4426E-04 (246, 4)	2.0189E-04 (164, 3)	1.3545E-04 (338, 7)
27	4.1422E-04 (339, 4)	4.0709E-04 (337, 5)	4.1050E-04 (240, 4)	2.0671E-04 (306, 5)	1.6318E-04 (166, 1)
28	5.5137E-04 (297, 4)	5.4191E-04 (297, 4)	5.0059E-04 (297, 4)	2.1698E-04 (133, 7)	1.4045E-04 (133, 7)
29	3.4949E-04 (230, 4)	3.3854E-04 (339, 4)	3.2355E-04 (345, 5)	1.6255E-04 (53, 4)	1.0851E-04 (222, 8)
30	5.6919E-04 (345, 4)	5.6475E-04 (345, 4)	5.3812E-04 (345, 4)	2.3534E-04 (198, 4)	1.0828E-04 (345, 4)
31	4.0490E-04 (332, 5)	4.2192E-04 (332, 5)	4.2362E-04 (332, 5)	1.7019E-04 (241, 4)	9.4026E-05 (269, 4)
32	4.6181E-04 (61, 4)	4.5209E-04 (161, 4)	4.3112E-04 (161, 4)	1.7375E-04 (161, 4)	1.2813E-04 (349, 8)
33	6.7744E-04 (1, 5)	6.5027E-04 (229, 4)	5.7913E-04 (229, 4)	2.3835E-04 (171, 2)	1.1111E-04 (301, 8)
34	3.0526E-04 (141, 3)	2.9385E-04 (12, 4)	3.4149E-04 (161, 4)	1.7137E-04 (211, 3)	1.1083E-04 (111, 3)
35	3.9053E-04 (213, 5)	3.6806E-04 (213, 5)	3.2268E-04 (238, 4)	1.6668E-04 (319, 4)	9.5487E-05 (13, 8)
36	4.8429E-04 (136, 4)	4.6380E-04 (64, 4)	4.1792E-04 (64, 4)	1.8648E-04 (136, 4)	9.8399E-05 (89, 4)

PLANT NAME: TEPCO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAX3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.3743E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=132

YEAR= 73

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	6.5844E-05 (193)	6.9630E-05 (193)	7.2409E-05 (193)	4.0097E-05 (146)	2.2641E-05 (148)
2	7.7420E-05 (71)	7.8204E-05 (71)	7.3177E-05 (159)	3.6433E-05 (148)	2.2015E-05 (146)
3	7.6359E-05 (123)	7.4885E-05 (123)	6.7330E-05 (226)	3.3228E-05 (226)	2.1193E-05 (115)
4	7.8884E-05 (173)	7.5623E-05 (173)	6.9367E-05 (173)	3.1928E-05 (20)	1.8887E-05 (145)
5	1.1947E-04 (192)	1.1264E-04 (192)	9.9371E-05 (192)	3.2919E-05 (313)	1.8522E-05 (117)
6	1.1699E-04 (186)	1.1120E-04 (186)	9.8515E-05 (186)	5.1793E-05 (209)	2.5813E-05 (209)
7	1.0559E-04 (185)	9.8531E-05 (185)	8.5932E-05 (185)	4.3758E-05 (140)	2.3124E-05 (6)
8	1.1224E-04 (253)	1.1173E-04 (253)	1.0641E-04 (187)	4.7199E-05 (253)	1.9711E-05 (253)
9	1.3743E-04 (132)	1.2835E-04 (132)	1.1233E-04 (132)	4.2552E-05 (142)	2.9760E-05 (85)
10	1.0854E-04 (196)	1.0316E-04 (196)	9.0829E-05 (196)	4.3082E-05 (169)	3.2538E-05 (258)
11	7.3284E-05 (208)	6.8404E-05 (208)	6.2746E-05 (306)	5.0006E-05 (85)	2.5463E-05 (169)
12	6.6752E-05 (124)	6.5238E-05 (124)	6.0242E-05 (124)	3.7638E-05 (98)	2.9061E-05 (98)
13	3.8083E-05 (124)	3.9874E-05 (168)	4.2957E-05 (168)	6.4377E-05 (29)	3.2995E-05 (41)
14	5.9906E-05 (169)	5.7803E-05 (169)	5.2018E-05 (169)	4.0383E-05 (175)	2.8770E-05 (175)
15	4.4935E-05 (345)	4.5808E-05 (345)	4.5399E-05 (345)	3.3350E-05 (350)	2.2466E-05 (350)
16	5.4189E-05 (119)	5.0003E-05 (119)	5.1089E-05 (188)	2.5504E-05 (188)	1.8281E-05 (342)
17	5.7210E-05 (53)	5.6883E-05 (53)	5.4962E-05 (188)	3.8357E-05 (305)	2.8425E-05 (342)
18	8.4171E-05 (103)	8.2273E-05 (103)	7.6286E-05 (103)	3.1255E-05 (13)	2.5368E-05 (51)
19	6.1832E-05 (103)	5.8096E-05 (103)	5.1000E-05 (103)	3.2263E-05 (305)	2.2033E-05 (136)
20	6.7540E-05 (305)	6.4818E-05 (305)	6.5107E-05 (299)	3.7431E-05 (345)	2.7719E-05 (24)
21	9.5960E-05 (183)	8.7900E-05 (183)	8.1425E-05 (221)	5.2204E-05 (50)	3.2371E-05 (9)
22	8.3653E-05 (233)	7.7146E-05 (233)	6.6701E-05 (233)	4.1120E-05 (293)	3.3139E-05 (292)
23	9.3972E-05 (221)	8.6854E-05 (221)	7.4964E-05 (221)	5.6140E-05 (291)	3.4078E-05 (16)
24	9.7328E-05 (183)	9.5643E-05 (59)	9.0971E-05 (59)	4.9143E-05 (310)	2.7507E-05 (310)
25	1.2159E-04 (260)	1.1832E-04 (240)	1.1522E-04 (321)	4.7697E-05 (271)	3.2767E-05 (321)
26	1.1108E-04 (336)	1.1427E-04 (336)	1.1282E-04 (336)	4.4029E-05 (336)	2.4160E-05 (154)
27	8.0976E-05 (154)	7.5073E-05 (154)	6.5969E-05 (336)	5.2222E-05 (106)	3.1676E-05 (229)
28	8.5108E-05 (286)	8.4014E-05 (286)	7.5479E-05 (158)	5.5195E-05 (105)	3.1100E-05 (105)
29	9.5172E-05 (239)	9.1505E-05 (239)	8.3967E-05 (239)	4.2928E-05 (105)	3.3942E-05 (358)
30	6.5728E-05 (106)	6.2673E-05 (106)	5.5762E-05 (106)	4.1931E-05 (324)	3.1131E-05 (324)
31	7.7303E-05 (65)	7.8610E-05 (65)	6.8173E-05 (171)	3.4806E-05 (113)	2.9977E-05 (113)
32	8.9501E-05 (322)	8.6495E-05 (322)	7.9374E-05 (322)	5.3496E-05 (21)	3.5857E-05 (21)
33	9.3342E-05 (217)	8.5686E-05 (217)	7.3300E-05 (217)	3.3706E-05 (70)	2.1556E-05 (171)
34	8.0300E-05 (123)	8.2066E-05 (123)	7.1885E-05 (217)	3.5173E-05 (123)	2.2894E-05 (213)
35	7.0461E-05 (163)	7.0713E-05 (115)	6.4785E-05 (177)	4.5700E-05 (93)	2.9276E-05 (349)
36	6.7649E-05 (194)	6.6051E-05 (194)	6.0400E-05 (194)	3.3506E-05 (146)	2.6116E-05 (146)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 6.7464E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY= 66 TIME PERIOD= 5

YEAR= 73

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	3.0630E-04 (150, 4)	3.2493E-04 (150, 4)	3.3774E-04 (150, 4)	1.5816E-04 (150, 4)	9.6816E-05 (128, 8)
2	4.9545E-04 (71, 5)	5.0274E-04 (71, 5)	4.8666E-04 (71, 5)	1.8734E-04 (57, 4)	1.0460E-04 (339, 5)
3	4.8125E-04 (123, 4)	4.7327E-04 (123, 4)	4.3747E-04 (123, 4)	1.8983E-04 (222, 6)	1.0069E-04 (116, 5)
4	4.5221E-04 (194, 4)	4.5826E-04 (194, 4)	4.5357E-04 (194, 4)	1.9970E-04 (313, 4)	9.1374E-05 (210, 8)
5	6.1273E-04 (313, 4)	5.7137E-04 (313, 4)	4.9757E-04 (313, 4)	1.7698E-04 (313, 4)	1.0778E-04 (210, 8)
6	5.9890E-04 (209, 4)	5.5863E-04 (209, 4)	4.8784E-04 (209, 4)	1.9393E-04 (235, 5)	9.4861E-05 (117, 2)
7	5.5436E-04 (209, 4)	5.1967E-04 (219, 4)	4.6934E-04 (219, 4)	1.8526E-04 (140, 6)	1.1156E-04 (140, 6)
8	5.8969E-04 (187, 3)	6.0201E-04 (187, 3)	5.7804E-04 (27, 5)	2.3514E-04 (27, 5)	9.7163E-05 (27, 5)
9	6.7464E-04 (66, 5)	6.3854E-04 (132, 5)	5.5966E-04 (132, 5)	2.0822E-04 (85, 6)	1.0935E-04 (91, 6)
10	4.8292E-04 (196, 5)	4.5705E-04 (326, 5)	4.0330E-04 (208, 4)	1.7960E-04 (178, 4)	1.1096E-04 (258, 7)
11	3.8857E-04 (235, 6)	3.9880E-04 (235, 6)	4.0585E-04 (235, 6)	1.9239E-04 (174, 5)	1.0301E-04 (175, 1)
12	4.0224E-04 (100, 4)	3.7790E-04 (100, 4)	3.7133E-04 (139, 3)	1.7973E-04 (139, 3)	1.0661E-04 (98, 2)
13	2.9168E-04 (168, 3)	2.9107E-04 (124, 5)	2.7579E-04 (356, 5)	1.5942E-04 (41, 4)	1.3743E-04 (268, 7)
14	4.2661E-04 (175, 5)	4.1281E-04 (175, 5)	3.7252E-04 (175, 5)	1.7542E-04 (101, 6)	1.3984E-04 (86, 7)
15	3.5194E-04 (47, 4)	3.6158E-04 (47, 4)	3.5675E-04 (47, 4)	1.7727E-04 (51, 5)	1.0258E-04 (51, 5)
16	3.0186E-04 (119, 4)	3.2351E-04 (188, 4)	3.6276E-04 (188, 4)	1.5706E-04 (188, 4)	1.0631E-04 (12, 5)
17	3.5823E-04 (52, 4)	3.7047E-04 (52, 4)	3.6785E-04 (52, 4)	2.0253E-04 (12, 4)	1.0972E-04 (342, 1)
18	5.0753E-04 (103, 4)	4.9186E-04 (297, 5)	4.5496E-04 (297, 5)	1.5818E-04 (103, 4)	1.0144E-04 (51, 2)
19	4.3064E-04 (42, 5)	4.2321E-04 (42, 5)	3.8366E-04 (103, 4)	1.3735E-04 (136, 3)	9.4583E-05 (136, 4)
20	4.0224E-04 (305, 4)	3.7257E-04 (305, 4)	3.2035E-04 (345, 4)	2.4253E-04 (345, 4)	1.0490E-04 (299, 4)
21	4.2878E-04 (183, 4)	3.9568E-04 (298, 5)	3.6475E-04 (298, 5)	2.2521E-04 (11, 8)	1.1564E-04 (280, 2)
22	5.1465E-04 (233, 4)	4.8019E-04 (125, 4)	4.3892E-04 (125, 4)	1.7681E-04 (125, 4)	1.0852E-04 (280, 3)
23	3.8856E-04 (221, 4)	3.6519E-04 (221, 4)	3.2107E-04 (221, 4)	1.8829E-04 (290, 8)	1.1427E-04 (290, 8)
24	4.6885E-04 (59, 4)	4.7166E-04 (59, 4)	4.5136E-04 (59, 4)	1.8391E-04 (283, 4)	1.1906E-04 (220, 8)
25	4.9748E-04 (59, 5)	4.8384E-04 (59, 5)	4.5842E-04 (321, 4)	2.3720E-04 (290, 4)	1.4027E-04 (265, 4)
26	5.2105E-04 (352, 4)	5.3282E-04 (352, 4)	5.2953E-04 (352, 4)	2.0361E-04 (225, 4)	1.2187E-04 (234, 7)
27	4.7238E-04 (317, 4)	4.6584E-04 (317, 4)	4.0683E-04 (242, 5)	2.0414E-04 (17, 6)	1.6073E-04 (242, 7)
28	4.6065E-04 (18, 4)	4.4112E-04 (18, 4)	4.0114E-04 (55, 6)	1.7846E-04 (60, 8)	1.3018E-04 (60, 8)
29	4.4727E-04 (318, 4)	4.5624E-04 (318, 4)	4.5165E-04 (318, 4)	2.6246E-04 (318, 4)	1.4995E-04 (249, 4)
30	4.9091E-04 (121, 5)	4.7547E-04 (121, 5)	4.2292E-04 (106, 4)	1.9071E-04 (337, 4)	1.2061E-04 (353, 6)
31	5.1069E-04 (112, 4)	4.8412E-04 (112, 4)	4.2739E-04 (112, 4)	1.7849E-04 (87, 8)	1.1884E-04 (68, 2)
32	4.6976E-04 (269, 4)	4.6514E-04 (329, 4)	4.3867E-04 (157, 4)	2.0049E-04 (67, 4)	1.2549E-04 (89, 1)
33	5.0534E-04 (274, 4)	5.0707E-04 (274, 4)	4.6873E-04 (217, 4)	1.5816E-04 (89, 4)	1.3224E-04 (194, 1)
34	5.2359E-04 (217, 4)	4.8665E-04 (217, 4)	4.2294E-04 (217, 4)	2.2074E-04 (64, 4)	1.2361E-04 (123, 3)
35	3.5511E-04 (115, 4)	3.5971E-04 (115, 4)	3.4647E-04 (115, 4)	1.7238E-04 (40, 4)	1.2218E-04 (228, 1)
36	3.4815E-04 (163, 4)	3.4728E-04 (173, 5)	3.3151E-04 (173, 5)	1.5241E-04 (97, 7)	1.0497E-04 (79, 6)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.5379E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=231

YEAR= 74

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	5.1052E-05 (203)	5.1371E-05 (203)	4.9627E-05 (203)	3.7697E-05 (98)	2.2558E-05 (52)
2	7.6337E-05 (207)	7.0388E-05 (207)	5.9959E-05 (207)	3.7953E-05 (91)	2.0966E-05 (28)
3	5.4884E-05 (207)	5.0986E-05 (166)	4.7720E-05 (309)	2.7026E-05 (80)	2.0571E-05 (39)
4	8.3525E-05 (90)	7.7987E-05 (229)	6.7811E-05 (229)	2.6254E-05 (90)	1.6533E-05 (210)
5	7.7548E-05 (158)	7.1925E-05 (158)	6.2223E-05 (158)	2.6808E-05 (210)	1.5614E-05 (88)
6	8.1719E-05 (129)	7.3592E-05 (129)	6.3284E-05 (158)	3.6199E-05 (89)	2.2564E-05 (88)
7	8.0884E-05 (191)	7.8271E-05 (191)	7.2900E-05 (232)	4.4361E-05 (16)	2.0985E-05 (173)
8	1.0152E-04 (148)	9.5112E-05 (148)	8.5748E-05 (315)	3.3584E-05 (269)	1.8179E-05 (203)
9	1.5379E-04 (231)	1.4862E-04 (231)	1.3416E-04 (231)	6.3456E-05 (192)	3.6039E-05 (71)
10	1.0987E-04 (192)	1.0464E-04 (192)	9.3255E-05 (192)	4.1935E-05 (211)	2.6007E-05 (47)
11	8.2644E-05 (200)	7.8883E-05 (200)	7.0323E-05 (200)	3.3549E-05 (72)	1.8855E-05 (335)
12	7.3081E-05 (200)	7.1102E-05 (200)	6.4864E-05 (200)	3.4363E-05 (167)	1.8473E-05 (240)
13	4.2692E-05 (167)	4.0203E-05 (167)	3.5925E-05 (167)	3.4682E-05 (335)	1.8785E-05 (76)
14	3.4299E-05 (222)	3.4817E-05 (222)	3.3566E-05 (222)	4.4727E-05 (40)	2.4992E-05 (336)
15	3.7841E-05 (364)	3.7014E-05 (364)	3.5946E-05 (96)	4.4666E-05 (40)	2.3735E-05 (96)
16	7.8568E-05 (291)	7.9911E-05 (291)	7.8132E-05 (291)	4.1239E-05 (338)	2.2877E-05 (326)
17	4.7219E-05 (234)	4.3864E-05 (234)	4.2949E-05 (317)	2.7070E-05 (350)	2.0567E-05 (355)
18	6.4866E-05 (332)	6.3659E-05 (332)	5.8731E-05 (332)	4.8693E-05 (279)	3.0254E-05 (279)
19	4.8706E-05 (311)	4.9367E-05 (364)	4.8179E-05 (332)	3.4950E-05 (311)	2.2309E-05 (311)
20	6.9364E-05 (281)	6.7894E-05 (281)	6.2469E-05 (281)	4.1522E-05 (279)	2.4100E-05 (18)
21	7.8297E-05 (263)	8.1482E-05 (263)	8.0707E-05 (265)	4.3451E-05 (278)	3.0711E-05 (107)
22	5.9056E-05 (254)	5.8892E-05 (254)	5.5846E-05 (254)	5.7387E-05 (312)	3.5361E-05 (276)
23	7.9507E-05 (171)	7.7187E-05 (297)	7.2277E-05 (297)	3.9547E-05 (266)	2.8341E-05 (293)
24	1.4358E-04 (286)	1.3817E-04 (286)	1.2834E-04 (297)	4.7293E-05 (348)	3.2965E-05 (284)
25	1.1347E-04 (305)	1.0907E-04 (305)	1.0005E-04 (305)	4.8986E-05 (307)	2.7669E-05 (303)
26	9.8988E-05 (171)	9.7880E-05 (171)	9.2401E-05 (171)	3.9196E-05 (306)	2.3443E-05 (349)
27	1.0818E-04 (171)	1.0362E-04 (116)	8.9495E-05 (116)	4.5573E-05 (194)	2.8830E-05 (171)
28	8.1319E-05 (195)	8.1278E-05 (2)	7.7661E-05 (195)	5.1214E-05 (101)	2.7038E-05 (36)
29	6.4968E-05 (139)	6.6833E-05 (139)	6.6898E-05 (139)	5.2303E-05 (357)	3.8728E-05 (140)
30	7.1623E-05 (237)	7.1726E-05 (237)	6.7584E-05 (329)	3.4218E-05 (244)	2.1516E-05 (301)
31	9.5904E-05 (136)	9.6087E-05 (215)	9.7367E-05 (215)	5.1656E-05 (134)	3.1341E-05 (136)
32	8.4705E-05 (63)	8.2734E-05 (63)	7.8436E-05 (6)	3.4562E-05 (6)	2.2630E-05 (165)
33	7.8188E-05 (63)	7.7236E-05 (63)	6.8488E-05 (62)	3.5307E-05 (103)	2.0497E-05 (94)
34	7.4827E-05 (236)	7.0228E-05 (236)	6.1205E-05 (236)	3.5545E-05 (50)	2.7188E-05 (84)
35	6.7941E-05 (164)	6.5666E-05 (164)	5.9293E-05 (164)	3.0481E-05 (208)	1.7458E-05 (175)
36	5.8972E-05 (210)	5.7875E-05 (208)	5.8944E-05 (208)	3.9102E-05 (33)	3.2022E-05 (341)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 6.9351E-04 DIRECTION= 24 DISTANCE= 6.0 KM DAY=284 TIME PERIOD= 4

YEAR= 74

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	3.7801E-04 (210, 4)	3.6922E-04 (208, 4)	3.6354E-04 (208, 4)	2.1815E-04 (354, 5)	1.2267E-04 (354, 5)
2	4.5669E-04 (207, 5)	4.2637E-04 (207, 5)	3.7969E-04 (21, 4)	1.7499E-04 (91, 6)	9.6695E-05 (38, 5)
3	3.2686E-04 (250, 5)	3.1093E-04 (148, 4)	2.8254E-04 (148, 4)	1.3950E-04 (125, 3)	1.1863E-04 (83, 2)
4	6.4251E-04 (90, 5)	6.1859E-04 (90, 5)	5.4247E-04 (229, 4)	1.7466E-04 (212, 3)	8.0824E-05 (229, 4)
5	5.1999E-04 (229, 4)	4.8492E-04 (229, 4)	4.2195E-04 (229, 4)	1.5702E-04 (157, 4)	7.9495E-05 (329, 7)
6	5.9933E-04 (86, 5)	5.7409E-04 (200, 4)	5.0396E-04 (200, 4)	1.9247E-04 (200, 4)	9.9827E-05 (143, 6)
7	4.6575E-04 (146, 4)	4.6421E-04 (146, 4)	4.1630E-04 (7, 5)	1.9967E-04 (232, 3)	1.0455E-04 (168, 3)
8	5.1904E-04 (156, 4)	5.0098E-04 (315, 5)	4.6984E-04 (145, 4)	1.5926E-04 (85, 5)	1.0880E-04 (203, 1)
9	6.0659E-04 (64, 5)	5.9852E-04 (64, 5)	5.5534E-04 (64, 5)	2.0088E-04 (18, 5)	1.0288E-04 (120, 5)
10	5.8639E-04 (211, 5)	5.7271E-04 (211, 5)	5.3693E-04 (211, 5)	1.8266E-04 (173, 6)	1.0238E-04 (65, 6)
11	4.4659E-04 (228, 6)	4.4471E-04 (228, 6)	4.2337E-04 (228, 6)	1.5746E-04 (124, 6)	1.0302E-04 (193, 2)
12	3.4721E-04 (228, 6)	3.3779E-04 (228, 6)	3.1043E-04 (228, 6)	1.4719E-04 (167, 3)	8.7298E-05 (240, 7)
13	3.3626E-04 (211, 4)	3.1199E-04 (211, 4)	2.7330E-04 (211, 4)	1.4321E-04 (120, 6)	1.0263E-04 (48, 1)
14	2.3340E-04 (99, 4)	2.3081E-04 (99, 4)	2.3023E-04 (223, 4)	1.6173E-04 (95, 6)	1.2211E-04 (56, 6)
15	2.5249E-04 (170, 6)	2.5391E-04 (170, 6)	2.4246E-04 (170, 6)	1.3866E-04 (40, 2)	9.4471E-05 (90, 3)
16	3.4040E-04 (338, 4)	3.6017E-04 (338, 4)	3.5453E-04 (338, 5)	1.9071E-04 (316, 3)	1.0242E-04 (316, 3)
17	3.7718E-04 (234, 4)	3.4991E-04 (234, 4)	3.4337E-04 (317, 5)	1.6324E-04 (106, 7)	1.2043E-04 (350, 3)
18	4.2360E-04 (332, 4)	4.1614E-04 (332, 4)	3.8387E-04 (332, 4)	1.8680E-04 (279, 8)	1.0654E-04 (182, 5)
19	2.6312E-04 (115, 5)	2.5567E-04 (332, 5)	2.3954E-04 (258, 5)	1.2853E-04 (57, 1)	9.2152E-05 (55, 3)
20	3.9458E-04 (114, 4)	3.8258E-04 (282, 5)	3.7387E-04 (282, 5)	1.6635E-04 (57, 3)	1.0118E-04 (57, 3)
21	5.1842E-04 (263, 5)	5.2268E-04 (263, 5)	4.8127E-04 (265, 4)	1.7848E-04 (294, 8)	1.3531E-04 (107, 2)
22	4.7183E-04 (254, 6)	4.7006E-04 (254, 6)	4.4431E-04 (254, 6)	1.7722E-04 (254, 6)	1.0217E-04 (13, 5)
23	4.3423E-04 (171, 6)	4.1658E-04 (171, 6)	3.7458E-04 (171, 6)	1.7177E-04 (315, 4)	1.2049E-04 (58, 4)
24	6.9218E-04 (284, 4)	6.9351E-04 (284, 4)	6.6572E-04 (284, 4)	2.7260E-04 (284, 4)	1.3153E-04 (59, 2)
25	5.6109E-04 (110, 5)	5.2672E-04 (110, 5)	4.5813E-04 (110, 5)	1.9287E-04 (117, 3)	1.3883E-04 (183, 1)
26	4.5430E-04 (51, 4)	4.3571E-04 (51, 4)	3.9649E-04 (51, 4)	1.6149E-04 (115, 7)	1.2312E-04 (188, 8)
27	4.6632E-04 (180, 4)	4.6590E-04 (299, 5)	4.6207E-04 (299, 5)	1.9787E-04 (288, 4)	1.5956E-04 (318, 8)
28	4.3570E-04 (172, 3)	4.2536E-04 (195, 3)	3.8368E-04 (169, 4)	2.1070E-04 (328, 4)	1.2630E-04 (2, 4)
29	4.2670E-04 (225, 4)	3.9482E-04 (227, 4)	3.3879E-04 (227, 4)	1.6456E-04 (140, 3)	1.1074E-04 (310, 1)
30	4.0140E-04 (243, 4)	3.7107E-04 (243, 4)	3.4602E-04 (67, 4)	1.7727E-04 (138, 3)	1.0501E-04 (138, 3)
31	5.2374E-04 (136, 4)	5.0160E-04 (243, 4)	4.5105E-04 (219, 4)	1.6641E-04 (219, 4)	9.7726E-05 (212, 2)
32	6.5050E-04 (64, 4)	6.3031E-04 (6, 4)	6.2749E-04 (6, 4)	2.6615E-04 (65, 4)	1.1104E-04 (6, 4)
33	4.6412E-04 (97, 5)	4.8037E-04 (25, 4)	4.8960E-04 (25, 4)	1.9568E-04 (9, 4)	1.0881E-04 (94, 2)
34	5.0024E-04 (199, 4)	4.5834E-04 (199, 4)	3.9199E-04 (14, 5)	1.8577E-04 (84, 3)	1.2173E-04 (53, 1)
35	4.0169E-04 (236, 5)	3.8676E-04 (242, 4)	3.5971E-04 (242, 4)	1.5577E-04 (106, 4)	8.7298E-05 (205, 8)
36	4.7178E-04 (210, 4)	4.5328E-04 (210, 4)	4.1365E-04 (210, 4)	2.4489E-04 (33, 4)	1.3264E-04 (209, 1)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MM3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.3187E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=189

YEAR= 75

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	6.1780E-05 (99)	5.8593E-05 (249)	5.5611E-05 (43)	4.2934E-05 (50)	3.1510E-05 (49)
2	1.0420E-04 (19)	1.1077E-04 (19)	1.1620E-04 (19)	4.5070E-05 (66)	2.8338E-05 (19)
3	1.0491E-04 (118)	1.0002E-04 (118)	8.8280E-05 (118)	3.6209E-05 (71)	2.2162E-05 (82)
4	1.0149E-04 (24)	9.8345E-05 (24)	8.9424E-05 (109)	3.8914E-05 (24)	2.2279E-05 (187)
5	9.9390E-05 (161)	9.1931E-05 (161)	8.2946E-05 (229)	3.8088E-05 (171)	1.9518E-05 (190)
6	6.7418E-05 (137)	6.3834E-05 (137)	5.5712E-05 (137)	2.8235E-05 (205)	1.7833E-05 (191)
7	9.5560E-05 (178)	8.6585E-05 (178)	7.4050E-05 (80)	2.7215E-05 (124)	1.9494E-05 (188)
8	1.0170E-04 (185)	9.3891E-05 (185)	8.0432E-05 (185)	3.1560E-05 (189)	1.7751E-05 (190)
9	1.3187E-04 (189)	1.2778E-04 (189)	1.1745E-04 (189)	4.6939E-05 (180)	2.7706E-05 (158)
10	7.9882E-05 (179)	7.2770E-05 (179)	6.1590E-05 (156)	3.0632E-05 (155)	1.8590E-05 (59)
11	6.7354E-05 (170)	6.5931E-05 (170)	6.0475E-05 (170)	2.8578E-05 (162)	1.6341E-05 (155)
12	5.0346E-05 (224)	5.2188E-05 (224)	5.2740E-05 (224)	3.0636E-05 (336)	1.7995E-05 (336)
13	7.9536E-05 (230)	7.8589E-05 (230)	7.4783E-05 (230)	3.5902E-05 (139)	2.0074E-05 (78)
14	5.5666E-05 (180)	5.2456E-05 (180)	4.6412E-05 (180)	2.4840E-05 (55)	2.1450E-05 (13)
15	4.9445E-05 (177)	4.5873E-05 (177)	5.0112E-05 (244)	3.5320E-05 (38)	2.4928E-05 (13)
16	6.6665E-05 (244)	6.2310E-05 (244)	5.4508E-05 (244)	3.6845E-05 (352)	2.0915E-05 (317)
17	6.6877E-05 (105)	6.4659E-05 (105)	5.8376E-05 (105)	3.1829E-05 (268)	2.8603E-05 (268)
18	5.3960E-05 (96)	5.3447E-05 (185)	5.2777E-05 (297)	4.1249E-05 (270)	3.7459E-05 (269)
19	3.3172E-05 (300)	3.3305E-05 (300)	3.2204E-05 (300)	2.5683E-05 (14)	2.1104E-05 (96)
20	6.7154E-05 (100)	6.4653E-05 (57)	6.6226E-05 (57)	4.6311E-05 (64)	2.9885E-05 (94)
21	8.6158E-05 (14)	8.5031E-05 (64)	7.8057E-05 (64)	3.8558E-05 (14)	2.5043E-05 (361)
22	9.9359E-05 (176)	9.5496E-05 (176)	8.7748E-05 (176)	3.4577E-05 (176)	2.4897E-05 (353)
23	7.4662E-05 (181)	7.2350E-05 (15)	7.2675E-05 (15)	4.0325E-05 (85)	2.7427E-05 (304)
24	6.6736E-05 (285)	6.7269E-05 (285)	6.4281E-05 (285)	3.6288E-05 (17)	2.4657E-05 (22)
25	9.4805E-05 (142)	9.2603E-05 (142)	8.5216E-05 (142)	4.4390E-05 (116)	3.0072E-05 (239)
26	1.1873E-04 (247)	1.1187E-04 (247)	9.8413E-05 (247)	4.3670E-05 (253)	2.1697E-05 (176)
27	1.3100E-04 (248)	1.2403E-04 (248)	1.2310E-04 (322)	6.1443E-05 (86)	3.8681E-05 (86)
28	8.2297E-05 (74)	8.2035E-05 (330)	7.5195E-05 (250)	5.1680E-05 (112)	3.3321E-05 (315)
29	7.6333E-05 (251)	7.4153E-05 (251)	6.8278E-05 (251)	4.0252E-05 (313)	3.1991E-05 (313)
30	1.0590E-04 (143)	1.0568E-04 (143)	1.0163E-04 (143)	4.8128E-05 (143)	3.6498E-05 (263)
31	8.3020E-05 (222)	8.6050E-05 (222)	8.4497E-05 (168)	3.6605E-05 (222)	2.4606E-05 (364)
32	8.2054E-05 (242)	8.0580E-05 (242)	7.6708E-05 (242)	3.3741E-05 (290)	1.9700E-05 (359)
33	8.4949E-05 (242)	8.2007E-05 (242)	7.5706E-05 (242)	4.2852E-05 (12)	3.0132E-05 (151)
34	6.5997E-05 (198)	6.4344E-05 (198)	5.9439E-05 (198)	3.6305E-05 (152)	3.3539E-05 (10)
35	6.1297E-05 (169)	6.0277E-05 (334)	5.8000E-05 (334)	2.9071E-05 (12)	1.9853E-05 (207)
36	6.4350E-05 (331)	6.5545E-05 (331)	6.4267E-05 (331)	4.6257E-05 (351)	3.2441E-05 (12)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MA*3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 6.1771E-04 DIRECTION= 7 DISTANCE= 5.5 KM DAY= 80 TIME PERIOD= 5

YEAR= 75

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	4.2713E-04 (82, 4)	4.2240E-04 (82, 4)	3.7157E-04 (99, 5)	1.7804E-04 (82, 4)	9.3398E-05 (19, 7)
2	5.8565E-04 (91, 5)	6.1475E-04 (19, 5)	6.0169E-04 (48, 4)	2.4934E-04 (48, 4)	1.3239E-04 (19, 5)
3	5.3127E-04 (203, 4)	5.0824E-04 (100, 5)	4.4574E-04 (216, 5)	1.8316E-04 (25, 5)	1.1721E-04 (50, 5)
4	5.2043E-04 (203, 4)	4.8402E-04 (203, 4)	4.3673E-04 (130, 5)	1.6957E-04 (37, 5)	1.0935E-04 (209, 6)
5	5.4696E-04 (137, 4)	5.2758E-04 (137, 4)	4.7547E-04 (137, 4)	1.8619E-04 (186, 3)	8.8993E-05 (48, 6)
6	4.3611E-04 (181, 5)	3.9014E-04 (146, 4)	3.2309E-04 (205, 6)	1.5064E-04 (61, 1)	9.9734E-05 (61, 1)
7	6.1771E-04 (80, 5)	6.1027E-04 (80, 5)	5.6798E-04 (80, 5)	1.5645E-04 (192, 4)	8.9145E-05 (154, 4)
8	4.5913E-04 (185, 4)	4.3097E-04 (31, 5)	4.1071E-04 (299, 4)	1.4991E-04 (27, 5)	8.2108E-05 (43, 7)
9	5.9711E-04 (180, 4)	5.5583E-04 (180, 4)	5.3001E-04 (179, 4)	1.9652E-04 (180, 3)	1.1169E-04 (158, 3)
10	4.6013E-04 (134, 6)	4.5297E-04 (134, 6)	4.1920E-04 (134, 6)	1.7600E-04 (59, 4)	9.5382E-05 (171, 6)
11	3.9624E-04 (126, 5)	3.7174E-04 (126, 5)	3.5101E-04 (40, 5)	1.5979E-04 (162, 6)	9.5850E-05 (162, 6)
12	3.5042E-04 (140, 6)	3.6604E-04 (139, 3)	3.7958E-04 (139, 3)	1.7910E-04 (226, 4)	9.3248E-05 (155, 7)
13	3.8817E-04 (226, 4)	3.7027E-04 (226, 4)	3.3065E-04 (226, 4)	1.9404E-04 (328, 6)	9.5329E-05 (55, 3)
14	2.7747E-04 (163, 5)	2.6661E-04 (163, 5)	2.4212E-04 (155, 4)	1.5194E-04 (164, 3)	1.3013E-04 (325, 7)
15	3.4927E-04 (244, 4)	3.5505E-04 (243, 5)	3.2136E-04 (177, 4)	2.0123E-04 (56, 6)	1.1519E-04 (243, 5)
16	3.3608E-04 (65, 4)	3.2218E-04 (65, 4)	3.0095E-04 (6, 6)	1.9509E-04 (291, 5)	1.1093E-04 (268, 8)
17	4.3495E-04 (95, 4)	4.1688E-04 (95, 4)	3.8033E-04 (95, 4)	1.5191E-04 (270, 6)	1.2692E-04 (270, 6)
18	3.8737E-04 (326, 4)	3.8765E-04 (326, 4)	3.7800E-04 (297, 3)	2.1120E-04 (270, 4)	1.4227E-04 (270, 4)
19	2.6537E-04 (300, 4)	2.6644E-04 (300, 4)	2.5763E-04 (300, 4)	1.0103E-04 (327, 2)	9.7557E-05 (96, 7)
20	4.2375E-04 (65, 4)	4.0612E-04 (94, 4)	3.7774E-04 (94, 4)	1.7732E-04 (353, 1)	1.1677E-04 (301, 6)
21	5.7910E-04 (56, 4)	5.6870E-04 (56, 4)	5.3242E-04 (56, 4)	2.0748E-04 (56, 4)	1.1897E-04 (353, 2)
22	4.3638E-04 (111, 4)	4.3064E-04 (111, 4)	4.1288E-04 (302, 4)	1.8620E-04 (176, 4)	1.3001E-04 (257, 8)
23	5.9723E-04 (181, 4)	5.7112E-04 (181, 4)	5.1893E-04 (181, 4)	2.0479E-04 (181, 4)	9.6767E-05 (304, 2)
24	4.0383E-04 (236, 4)	3.9937E-04 (285, 5)	4.0660E-04 (338, 4)	1.8475E-04 (338, 4)	1.3179E-04 (240, 7)
25	5.5088E-04 (116, 4)	5.0911E-04 (116, 4)	4.4270E-04 (116, 4)	2.0330E-04 (309, 5)	1.3446E-04 (320, 8)
26	4.9960E-04 (142, 4)	4.8726E-04 (286, 5)	4.5316E-04 (286, 5)	1.6822E-04 (286, 5)	1.1429E-04 (5, 4)
27	5.9229E-04 (284, 4)	5.6675E-04 (284, 4)	5.0850E-04 (284, 4)	2.2023E-04 (301, 4)	1.3369E-04 (212, 2)
28	4.4105E-04 (320, 5)	4.4772E-04 (320, 5)	4.3700E-04 (320, 5)	1.8646E-04 (324, 4)	1.2302E-04 (333, 7)
29	3.7500E-04 (223, 4)	3.6700E-04 (217, 3)	3.6558E-04 (53, 4)	1.4641E-04 (21, 5)	1.0590E-04 (75, 1)
30	5.8642E-04 (217, 4)	5.3855E-04 (217, 4)	4.6274E-04 (217, 4)	2.1030E-04 (315, 4)	1.1402E-04 (315, 4)
31	6.0215E-04 (127, 3)	6.1390E-04 (127, 3)	6.0189E-04 (127, 3)	2.5155E-04 (127, 3)	1.2246E-04 (222, 5)
32	4.9220E-04 (196, 3)	4.9987E-04 (196, 3)	4.8645E-04 (196, 3)	1.9039E-04 (196, 3)	1.0076E-04 (146, 3)
33	5.4682E-04 (242, 4)	5.0930E-04 (242, 4)	4.9133E-04 (218, 4)	1.8156E-04 (218, 4)	1.2890E-04 (364, 8)
34	4.8712E-04 (260, 4)	4.4910E-04 (260, 4)	3.9178E-04 (216, 4)	2.0671E-04 (54, 4)	1.0452E-04 (54, 4)
35	4.4425E-04 (147, 4)	4.1612E-04 (147, 4)	3.6557E-04 (147, 4)	1.5412E-04 (172, 4)	7.6928E-05 (231, 1)
36	3.9791E-04 (145, 3)	3.8339E-04 (145, 3)	3.4582E-04 (145, 3)	1.7095E-04 (202, 4)	1.1344E-04 (151, 4)

COMPOSITE HIGHEST,SECOND-HIGHEST 24-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	70.	70.	72.	43.	32.
2	104.	111.	116.	57.	30.
3	105.	100.	88.	41.	29.
4	101.	98.	89.	39.	22.
5	119.	113.	99.	38.	20.
6	117.	111.	99.	52.	30.
7	106.	99.	92.	44.	24.
8	112.	112.	106.	49.	29.
9	185.	184.	174.	115.	65.
10	129.	123.	110.	56.	33.
11	83.	79.	72.	50.	25.
12	94.	85.	71.	55.	29.
13	80.	79.	75.	64.	33.
14	60.	58.	53.	45.	29.
15	64.	65.	62.	45.	25.
16	79.	80.	78.	41.	23.
17	67.	65.	58.	45.	29.
18	84.	82.	76.	49.	40.
19	62.	58.	51.	36.	26.
20	69.	68.	66.	46.	30.
21	96.	88.	81.	52.	33.
22	99.	95.	88.	57.	35.
23	94.	87.	75.	63.	40.
24	144.	138.	128.	55.	45.
25	122.	118.	115.	50.	33.
26	119.	118.	113.	49.	31.
27	131.	124.	123.	69.	50.
28	96.	91.	81.	80.	52.
29	95.	92.	84.	52.	39.
30	106.	106.	102.	48.	38.
31	96.	96.	97.	52.	31.
32	101.	95.	85.	53.	36.
33	94.	97.	93.	48.	31.
34	110.	104.	91.	36.	34.
35	80.	76.	68.	46.	29.
36	93.	86.	75.	46.	32.

COMPOSITE HIGHEST, SECOND-HIGHES[illegible]HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	509.	482.	422.	218.	137.
2	586.	615.	602.	249.	132.
3	531.	508.	446.	190.	119.
4	643.	619.	542.	200.	109.
5	613.	571.	527.	226.	115.
6	615.	611.	583.	260.	133.
7	618.	610.	568.	228.	112.
8	590.	602.	578.	235.	113.
9	987.	932.	825.	315.	139.
10	676.	650.	578.	234.	133.
11	449.	445.	423.	192.	104.
12	465.	426.	380.	194.	127.
13	418.	412.	378.	194.	137.
14	427.	413.	401.	192.	140.
15	465.	439.	395.	201.	123.
16	451.	442.	415.	197.	113.
17	435.	417.	380.	203.	127.
18	508.	492.	455.	211.	142.
19	431.	423.	384.	169.	130.
20	424.	406.	378.	243.	117.
21	579.	569.	532.	225.	151.
22	515.	480.	444.	186.	135.
23	597.	571.	519.	225.	134.
24	692.	694.	666.	273.	156.
25	561.	539.	535.	237.	140.
26	521.	533.	530.	204.	135.
27	592.	567.	508.	254.	163.
28	551.	542.	501.	217.	140.
29	447.	456.	452.	262.	150.
30	604.	621.	551.	235.	150.
31	602.	614.	602.	252.	122.
32	650.	630.	627.	266.	128.
33	677.	655.	657.	238.	146.
34	642.	627.	560.	221.	124.
35	444.	416.	366.	172.	140.
36	561.	526.	461.	250.	140.

TECO

UNITS 1-4

PROJECTED 24- AND 3-HOUR SO_2

75 PERCENT LOAD

RING DISTANCES(KM)= 0.50 1.00 1.50 2.00 2.50

STACK # 1--TECO 1&2 75% 31.5T/H SO2
STACK # 2--TECO 3&4 75% 31.5T/H SO2

STACK	MONTH	EMISSION RATE (GMS/SEC)	HEIGHT (METERS)	DIAMETER (METERS)	EXIT VELOCITY (M/SEC)	TEMP (DEG.K)	VOLUMETRIC FLOW (MA*3/SEC)
1	ALL	3936.8201	149.40	7.32	22.90	412.00	963.71
2	ALL	2548.7600	149.40	7.32	27.10	365.00	1140.46

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.3282E-04 DIRECTION= 9 DISTANCE= 2.5 KM DAY=238

YEAR= 71

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
DIR					
1	3.3508E-14 (238)	1.8942E-05 (236)	3.0714E-05 (236)	4.1335E-05 (236)	5.8854E-05 (229)
2	2.1258E-13 (238)	2.1084E-05 (234)	7.1156E-05 (236)	6.9091E-05 (260)	5.6498E-05 (113)
3	7.4315E-13 (238)	5.0401E-05 (236)	8.1184E-05 (236)	6.9937E-05 (236)	7.6444E-05 (331)
4	1.4338E-12 (238)	8.8039E-05 (238)	1.0575E-04 (238)	8.1406E-05 (238)	6.6413E-05 (238)
5	1.4828E-12 (234)	9.4877E-05 (238)	1.1454E-04 (238)	8.8597E-05 (238)	7.4891E-05 (206)
6	6.4398E-13 (234)	5.5199E-05 (238)	6.1213E-05 (238)	8.0184E-05 (206)	7.3527E-05 (200)
7	1.5416E-13 (234)	3.7783E-05 (238)	3.7941E-05 (238)	7.5994E-05 (230)	8.1205E-05 (179)
8	9.4744E-13 (159)	4.4203E-05 (230)	7.2550E-05 (238)	6.7296E-05 (238)	8.0205E-05 (179)
9	2.2122E-12 (238)	1.7836E-05 (230)	3.3309E-05 (230)	9.1218E-05 (128)	1.3282E-04 (238)
10	1.4546E-12 (238)	5.8558E-06 (257)	2.4877E-05 (152)	5.5505E-05 (220)	8.5480E-05 (230)
11	4.9711E-13 (159)	1.4033E-05 (238)	2.1276E-05 (197)	5.1679E-05 (197)	6.0883E-05 (198)
12	1.0563E-13 (238)	4.7270E-06 (159)	2.6680E-05 (198)	8.2878E-05 (198)	6.9440E-05 (257)
13	7.3516E-14 (262)	1.6652E-05 (257)	2.5597E-05 (159)	5.5743E-05 (257)	4.4808E-05 (257)
14	3.9004E-13 (262)	1.1901E-05 (262)	2.0388E-05 (257)	2.7296E-05 (104)	4.1207E-05 (159)
15	8.0075E-13 (159)	4.1905E-05 (262)	4.6320E-05 (262)	4.4535E-05 (222)	4.7491E-05 (159)
16	5.2761E-13 (159)	4.3624E-05 (159)	4.2805E-05 (159)	3.9073E-05 (121)	5.5221E-05 (262)
17	1.9156E-13 (159)	1.3287E-05 (159)	1.1541E-05 (159)	2.3040E-05 (164)	3.5407E-05 (317)
18	3.8323E-14 (159)	3.7729E-06 (263)	1.0360E-05 (173)	2.6756E-05 (164)	3.5286E-05 (164)
19	4.2245E-15 (159)	5.9141E-06 (262)	1.0648E-05 (98)	2.1844E-05 (257)	3.4315E-05 (257)
20	2.5661E-16 (159)	6.3099E-07 (262)	8.2860E-06 (98)	2.1953E-05 (98)	2.9646E-05 (46)
21	2.3866E-16 (263)	1.2423E-07 (164)	7.5650E-06 (137)	3.5512E-05 (137)	5.9805E-05 (137)
22	1.7716E-16 (263)	4.9271E-07 (164)	1.5312E-05 (164)	3.5755E-05 (164)	4.9180E-05 (47)
23	7.7914E-17 (164)	6.3617E-07 (164)	2.2487E-05 (164)	5.3415E-05 (156)	6.9876E-05 (164)
24	3.4495E-15 (231)	1.6433E-06 (240)	1.2139E-05 (90)	3.9267E-05 (90)	6.7797E-05 (90)
25	3.9682E-14 (231)	2.2761E-06 (152)	8.3693E-06 (231)	2.2314E-05 (90)	3.9602E-05 (90)
26	2.5174E-13 (231)	1.1711E-05 (231)	3.8461E-05 (152)	4.0250E-05 (240)	3.8579E-05 (101)
27	8.8003E-13 (231)	5.0698E-05 (231)	8.9813E-05 (152)	7.7329E-05 (152)	7.5352E-05 (240)
28	1.4793E-12 (240)	1.0913E-04 (240)	1.1934E-04 (240)	9.2117E-05 (240)	7.5352E-05 (240)
29	8.1510E-13 (240)	5.4230E-05 (240)	5.5203E-05 (240)	4.6007E-05 (138)	6.3912E-05 (138)
30	2.4749E-13 (240)	1.3391E-05 (240)	1.9382E-05 (138)	5.0185E-05 (231)	6.2901E-05 (182)
31	4.1405E-14 (240)	1.6433E-06 (240)	1.4527E-05 (231)	3.3047E-05 (236)	4.0292E-05 (236)
32	3.8171E-15 (240)	7.1922E-07 (218)	9.3711E-06 (230)	4.4725E-05 (230)	6.0331E-05 (218)
33	9.1575E-17 (218)	1.6894E-07 (260)	6.7206E-06 (230)	3.5604E-05 (230)	5.1501E-05 (218)
34	1.5895E-16 (260)	3.7941E-07 (218)	1.5823E-05 (260)	4.0002E-05 (259)	5.4435E-05 (218)
35	1.7764E-16 (260)	7.3219E-07 (211)	2.5811E-05 (211)	6.7097E-05 (211)	8.8869E-05 (211)
36	2.9103E-15 (238)	4.0701E-06 (236)	1.9066E-05 (229)	5.9969E-05 (229)	8.9648E-05 (229)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 9.5475E-04 DIRECTION= 28 DISTANCE= 1.5 KM DAY=240 TIME PERIOD= 4

YEAR= 71

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	2.6807E-13 (238, 4)	1.5147E-04 (236, 5)	2.2226E-04 (236, 5)	2.9499E-04 (229, 4)	3.9477E-04 (229, 4)
2	1.7007E-12 (238, 4)	1.6863E-04 (234, 4)	5.5912E-04 (236, 5)	5.1045E-04 (236, 5)	4.4495E-04 (260, 5)
3	5.9452E-12 (238, 4)	4.0321E-04 (236, 5)	6.4839E-04 (236, 5)	5.4571E-04 (234, 4)	5.4130E-04 (331, 5)
4	1.1452E-11 (238, 4)	7.0412E-04 (238, 4)	8.4590E-04 (238, 4)	6.5121E-04 (238, 4)	5.3128E-04 (238, 4)
5	1.1862E-11 (234, 4)	7.5512E-04 (238, 4)	9.1370E-04 (238, 4)	7.0742E-04 (238, 4)	5.7993E-04 (238, 4)
6	5.1519E-12 (234, 4)	4.0242E-04 (238, 4)	4.5653E-04 (238, 4)	4.3728E-04 (206, 5)	5.7444E-04 (206, 5)
7	2.2911E-12 (238, 4)	1.9566E-04 (238, 5)	2.6645E-04 (234, 4)	4.9640E-04 (103, 4)	4.4109E-04 (230, 5)
8	7.5795E-12 (159, 5)	3.5309E-04 (230, 5)	5.3011E-04 (230, 5)	4.8658E-04 (238, 5)	5.2998E-04 (100, 4)
9	1.7658E-11 (238, 5)	1.4237E-04 (230, 5)	2.3497E-04 (230, 5)	4.4943E-04 (220, 5)	6.7844E-04 (220, 5)
10	1.1635E-11 (238, 5)	4.6666E-05 (257, 4)	1.9901E-04 (152, 5)	4.0137E-04 (204, 5)	4.1992E-04 (238, 5)
11	3.9769E-12 (159, 5)	1.1187E-04 (238, 5)	1.2578E-04 (195, 4)	2.9366E-04 (195, 4)	3.5847E-04 (257, 4)
12	8.4507E-13 (238, 5)	3.7559E-05 (159, 5)	1.2728E-04 (198, 4)	4.0706E-04 (198, 4)	5.5552E-04 (257, 4)
13	5.8813E-13 (262, 4)	1.3322E-04 (257, 4)	1.7111E-04 (159, 5)	2.0843E-04 (198, 5)	2.7219E-04 (122, 4)
14	3.1203E-12 (262, 4)	9.5210E-05 (262, 4)	1.6311E-04 (257, 4)	1.2880E-04 (257, 4)	2.9102E-04 (159, 5)
15	6.4060E-12 (159, 5)	3.3524E-04 (262, 4)	3.7056E-04 (262, 4)	2.9229E-04 (222, 4)	3.7850E-04 (159, 5)
16	4.2209E-12 (159, 5)	3.4899E-04 (159, 5)	3.4243E-04 (159, 5)	2.5787E-04 (159, 5)	3.2010E-04 (169, 4)
17	1.5325E-12 (159, 5)	1.0630E-04 (159, 5)	9.2332E-05 (159, 5)	1.8432E-04 (164, 4)	2.5916E-04 (317, 4)
18	3.0658E-13 (159, 5)	3.0183E-05 (263, 5)	8.2880E-05 (173, 4)	2.1398E-04 (164, 4)	2.8149E-04 (164, 4)
19	3.3796E-14 (159, 5)	4.7312E-05 (262, 4)	8.5186E-05 (98, 4)	1.7474E-04 (257, 4)	2.7440E-04 (257, 4)
20	2.0529E-15 (159, 5)	5.0479E-06 (262, 4)	6.6288E-05 (98, 4)	1.7562E-04 (98, 4)	2.3716E-04 (46, 5)
21	1.9093E-15 (263, 5)	9.4762E-07 (164, 4)	4.6043E-05 (157, 4)	1.7776E-04 (157, 4)	3.1877E-04 (18, 4)
22	1.4173E-15 (263, 5)	3.4131E-06 (164, 4)	9.9750E-05 (164, 4)	2.2842E-04 (164, 4)	2.7227E-04 (164, 4)
23	6.0504E-16 (164, 4)	3.4131E-06 (164, 4)	9.9750E-05 (164, 4)	2.2842E-04 (164, 4)	3.2558E-04 (270, 4)
24	2.7571E-14 (231, 4)	1.3146E-05 (240, 4)	8.8894E-05 (231, 5)	2.5879E-04 (90, 4)	3.7084E-04 (90, 4)
25	3.1744E-13 (231, 4)	1.8209E-05 (152, 4)	6.0946E-05 (152, 4)	1.4028E-04 (90, 4)	2.0067E-04 (285, 4)
26	2.0139E-12 (231, 4)	9.3442E-05 (231, 4)	3.0768E-04 (152, 4)	2.4883E-04 (152, 4)	2.6538E-04 (156, 5)
27	7.0402E-12 (231, 4)	4.0557E-04 (231, 4)	7.1850E-04 (152, 4)	6.1863E-04 (152, 4)	5.7327E-04 (231, 4)
28	1.1834E-11 (240, 4)	8.7304E-04 (240, 4)	9.5475E-04 (240, 4)	7.3694E-04 (240, 4)	6.0282E-04 (240, 4)
29	6.5208E-12 (240, 4)	4.3384E-04 (240, 4)	4.4162E-04 (240, 4)	3.6053E-04 (138, 5)	4.8545E-04 (138, 5)
30	1.9799E-12 (240, 4)	1.0713E-04 (240, 4)	1.5141E-04 (138, 5)	3.9110E-04 (138, 5)	5.0099E-04 (138, 5)
31	3.3124E-13 (240, 4)	1.3146E-05 (240, 4)	1.1616E-04 (231, 4)	2.6427E-04 (236, 5)	3.2213E-04 (236, 5)
32	3.0536E-14 (240, 4)	5.7315E-06 (218, 4)	7.4821E-05 (230, 4)	3.5193E-04 (230, 4)	4.5069E-04 (218, 4)
33	7.2995E-16 (218, 4)	1.1388E-06 (231, 4)	5.3657E-05 (230, 4)	2.7405E-04 (218, 4)	3.4692E-04 (218, 4)
34	1.2716E-15 (260, 4)	3.8287E-06 (260, 4)	9.6491E-05 (211, 4)	2.6566E-04 (218, 5)	3.3446E-04 (260, 4)
35	1.4212E-15 (260, 4)	5.8565E-06 (211, 4)	1.6749E-04 (260, 4)	5.0122E-04 (260, 4)	6.4936E-04 (211, 4)
36	2.3283E-14 (238, 4)	3.2523E-05 (236, 5)	1.4412E-04 (229, 4)	3.9418E-04 (260, 5)	5.2297E-04 (260, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAX3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.3091E-04 DIRECTION= 9 DISTANCE= 2.5 KM DAY=242

YEAR= 72

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
DIR					
1	2.1041E-15 (171)	5.1853E-07 (211)	1.4996E-05 (211)	2.9420E-05 (111)	4.3009E-05 (206)
2	4.0793E-15 (229)	4.3655E-06 (241)	1.2329E-05 (110)	3.6245E-05 (110)	5.1172E-05 (55)
3	4.6967E-14 (229)	2.0333E-05 (241)	2.5818E-05 (241)	4.3864E-05 (215)	6.9630E-05 (135)
4	2.9797E-13 (229)	4.7059E-05 (241)	4.1438E-05 (215)	4.5645E-05 (195)	6.6218E-05 (150)
5	1.0416E-12 (229)	5.4131E-05 (241)	6.5443E-05 (215)	6.5651E-05 (261)	9.2942E-05 (211)
6	2.0065E-12 (229)	6.6885E-05 (229)	7.3142E-05 (229)	7.1724E-05 (211)	9.0443E-05 (261)
7	2.1297E-12 (229)	7.5196E-05 (238)	8.1569E-05 (229)	7.3619E-05 (216)	9.6162E-05 (194)
8	1.4603E-12 (222)	5.0875E-05 (222)	7.5052E-05 (207)	8.2805E-05 (216)	9.6803E-05 (195)
9	1.5194E-12 (207)	7.0654E-05 (207)	1.0883E-04 (222)	9.5878E-05 (183)	1.3091E-04 (242)
10	8.8864E-13 (207)	6.6174E-05 (150)	7.3761E-05 (189)	9.2675E-05 (183)	1.2235E-04 (242)
11	1.4716E-12 (184)	3.0994E-05 (184)	3.1587E-05 (189)	4.2052E-05 (248)	5.3147E-05 (131)
12	5.4341E-13 (222)	8.1140E-06 (150)	1.7508E-05 (222)	2.1741E-05 (222)	3.0180E-05 (143)
13	8.5473E-14 (222)	9.9566E-07 (150)	5.0267E-06 (23)	2.6768E-05 (146)	4.3194E-05 (184)
14	2.0891E-14 (247)	2.1528E-07 (247)	5.7655E-06 (289)	2.1313E-05 (282)	3.3869E-05 (289)
15	1.7855E-13 (247)	2.6690E-06 (247)	2.9304E-06 (263)	1.4547E-05 (240)	2.6848E-05 (240)
16	5.5489E-14 (184)	6.6204E-07 (184)	1.1327E-05 (247)	1.2531E-05 (240)	2.2948E-05 (240)
17	3.5645E-13 (189)	6.0113E-06 (189)	1.9675E-05 (263)	2.3033E-05 (247)	2.1282E-05 (283)
18	1.3226E-12 (189)	2.8098E-05 (189)	2.0915E-05 (189)	3.9270E-05 (247)	4.0500E-05 (247)
19	2.4582E-12 (247)	5.7896E-05 (247)	4.5438E-05 (247)	3.6434E-05 (252)	5.0369E-05 (189)
20	1.9625E-12 (163)	5.3773E-05 (163)	5.2641E-05 (163)	4.5496E-05 (252)	6.7264E-05 (189)
21	1.8919E-12 (189)	7.6281E-05 (163)	7.7400E-05 (163)	6.0737E-05 (163)	5.7399E-05 (252)
22	6.4796E-13 (189)	5.3773E-05 (163)	5.2641E-05 (163)	4.0198E-05 (163)	4.1296E-05 (265)
23	2.9797E-13 (248)	4.0187E-05 (186)	6.1871E-05 (189)	5.6781E-05 (186)	5.7075E-05 (156)
24	1.8092E-13 (163)	6.1138E-05 (186)	8.1592E-05 (247)	5.8938E-05 (158)	7.6777E-05 (186)
25	2.2469E-14 (163)	6.6715E-05 (248)	8.7264E-05 (186)	6.7232E-05 (186)	6.0853E-05 (156)
26	1.5376E-15 (163)	7.1548E-05 (248)	8.2226E-05 (156)	6.8817E-05 (156)	6.5110E-05 (156)
27	6.9090E-16 (247)	3.7961E-05 (247)	4.4325E-05 (156)	3.5736E-05 (156)	4.7051E-05 (310)
28	1.9722E-16 (247)	1.0213E-05 (248)	1.4060E-05 (154)	3.3350E-05 (154)	4.7228E-05 (231)
29	3.1522E-17 (247)	2.9757E-06 (248)	1.2613E-05 (186)	3.9698E-05 (27)	4.6072E-05 (186)
30	1.0660E-16 (212)	1.1756E-05 (248)	1.7366E-05 (248)	3.3738E-05 (163)	4.1404E-05 (228)
31	2.3218E-16 (212)	5.4438E-06 (163)	1.6200E-05 (212)	3.9970E-05 (212)	4.5079E-05 (196)
32	1.6632E-16 (212)	1.0163E-06 (163)	1.2595E-05 (196)	3.5330E-05 (196)	4.7144E-05 (196)
33	3.9181E-17 (212)	2.3479E-07 (196)	1.2219E-05 (196)	3.4356E-05 (196)	5.8456E-05 (229)
34	1.2982E-16 (248)	1.3811E-07 (186)	6.3572E-06 (186)	1.8746E-05 (223)	3.1486E-05 (54)
35	1.0002E-16 (171)	7.0001E-07 (215)	4.5455E-06 (139)	1.8498E-05 (139)	2.9500E-05 (238)
36	1.6324E-15 (171)	6.1868E-07 (248)	6.5899E-06 (211)	2.2761E-05 (87)	4.2523E-05 (87)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 8.7053E-04 DIRECTION= 9 DISTANCE= 1.5 KM DAY=222 TIME PERIOD= 4

YEAR= 72

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	1.6833E-14 (171, 5)	4.1482E-06 (211, 4)	1.1992E-04 (211, 4)	2.2317E-04 (111, 5)	3.3303E-04 (211, 4)
2	3.2634E-14 (229, 4)	3.4924E-05 (241, 5)	8.4880E-05 (110, 5)	2.2393E-04 (110, 5)	2.9409E-04 (206, 4)
3	3.7574E-13 (229, 4)	1.6266E-04 (241, 5)	2.0654E-04 (241, 5)	3.5091E-04 (215, 4)	4.0784E-04 (135, 5)
4	2.3837E-12 (229, 4)	3.7647E-04 (241, 5)	3.3150E-04 (215, 4)	3.5584E-04 (102, 5)	4.0035E-04 (110, 5)
5	8.3331E-12 (229, 4)	4.3299E-04 (241, 5)	5.2350E-04 (215, 4)	3.9431E-04 (102, 5)	5.3512E-04 (102, 5)
6	1.6052E-11 (229, 4)	5.3503E-04 (229, 4)	5.8299E-04 (229, 4)	4.5390E-04 (229, 4)	5.8925E-04 (194, 4)
7	1.7037E-11 (229, 4)	6.0157E-04 (238, 5)	6.2972E-04 (229, 4)	4.9308E-04 (229, 4)	5.4934E-04 (215, 4)
8	1.1682E-11 (222, 4)	4.0700E-04 (222, 4)	5.9900E-04 (207, 4)	5.3212E-04 (207, 4)	5.5038E-04 (216, 5)
9	1.2155E-11 (207, 4)	5.6523E-04 (207, 4)	8.7053E-04 (222, 4)	6.8674E-04 (222, 4)	7.0126E-04 (248, 4)
10	7.1091E-12 (207, 4)	5.2939E-04 (150, 5)	5.9009E-04 (189, 4)	5.1304E-04 (183, 5)	6.1688E-04 (242, 4)
11	1.1773E-11 (184, 4)	2.4795E-04 (184, 4)	2.5269E-04 (189, 4)	2.5221E-04 (248, 5)	3.5263E-04 (248, 5)
12	4.3473E-12 (222, 4)	6.4912E-05 (150, 5)	1.3904E-04 (222, 4)	1.6459E-04 (222, 4)	1.7540E-04 (146, 5)
13	6.8378E-13 (222, 4)	7.9653E-06 (150, 5)	4.0214E-05 (23, 5)	1.7161E-04 (23, 5)	2.7232E-04 (23, 5)
14	1.6713E-13 (247, 5)	1.7222E-06 (247, 5)	4.6043E-05 (289, 4)	1.7050E-04 (282, 4)	2.6995E-04 (289, 4)
15	1.4284E-12 (247, 5)	2.1352E-05 (247, 5)	2.2815E-05 (282, 4)	1.1637E-04 (240, 5)	2.1478E-04 (240, 5)
16	4.4392E-13 (184, 4)	5.2963E-06 (184, 4)	8.9700E-05 (263, 4)	1.0025E-04 (240, 5)	1.8359E-04 (240, 5)
17	2.8516E-12 (189, 5)	4.8090E-05 (189, 5)	8.9237E-05 (263, 4)	1.7742E-04 (247, 5)	1.7026E-04 (283, 5)
18	1.0581E-11 (189, 5)	2.2477E-04 (189, 5)	1.6570E-04 (189, 5)	2.9197E-04 (247, 5)	2.8522E-04 (157, 5)
19	1.9665E-11 (247, 5)	4.6317E-04 (247, 5)	3.6292E-04 (247, 5)	2.0937E-04 (247, 5)	2.4238E-04 (252, 5)
20	1.5700E-11 (163, 4)	4.3018E-04 (163, 4)	4.2112E-04 (163, 4)	3.2117E-04 (163, 4)	2.8246E-04 (252, 5)
21	1.5135E-11 (189, 5)	6.1025E-04 (163, 4)	6.1075E-04 (189, 5)	4.2618E-04 (189, 5)	3.3733E-04 (189, 5)
22	5.1837E-12 (189, 5)	4.3018E-04 (163, 4)	4.2113E-04 (163, 4)	3.2158E-04 (163, 4)	2.9832E-04 (282, 4)
23	2.3837E-12 (248, 5)	3.2150E-04 (186, 4)	4.8220E-04 (189, 5)	3.6618E-04 (189, 5)	3.6308E-04 (186, 4)
24	1.4474E-12 (163, 4)	3.3276E-04 (247, 4)	4.1574E-04 (247, 4)	3.9149E-04 (158, 5)	5.4475E-04 (158, 5)
25	1.7975E-13 (163, 4)	4.4084E-04 (247, 4)	6.0154E-04 (247, 4)	4.8926E-04 (156, 4)	4.3477E-04 (186, 4)
26	1.2301E-14 (163, 4)	4.2295E-04 (156, 4)	5.6196E-04 (248, 5)	5.0370E-04 (247, 4)	4.3844E-04 (156, 4)
27	4.4282E-15 (247, 5)	2.4169E-04 (156, 4)	2.8077E-04 (248, 5)	2.8438E-04 (156, 4)	3.3359E-04 (267, 4)
28	1.3445E-15 (247, 5)	8.0781E-05 (248, 5)	1.1248E-04 (154, 4)	2.2871E-04 (163, 4)	3.2613E-04 (154, 4)
29	2.4260E-16 (154, 4)	1.3175E-05 (248, 4)	9.0656E-05 (186, 5)	2.4621E-04 (186, 5)	3.1122E-04 (214, 4)
30	8.5278E-16 (212, 5)	9.3351E-05 (248, 4)	1.3858E-04 (248, 4)	2.6990E-04 (163, 4)	2.9081E-04 (228, 3)
31	1.8574E-15 (212, 5)	4.3550E-05 (163, 4)	1.2515E-04 (212, 5)	2.7850E-04 (212, 5)	3.2926E-04 (212, 5)
32	1.3305E-15 (212, 5)	8.1301E-06 (163, 4)	8.2245E-05 (212, 5)	1.8326E-04 (196, 4)	2.9198E-04 (229, 4)
33	3.1345E-16 (212, 5)	1.8454E-06 (186, 4)	8.9015E-05 (186, 4)	2.4836E-04 (229, 4)	4.6755E-04 (229, 4)
34	1.0386E-15 (248, 4)	1.1049E-06 (186, 4)	5.0858E-05 (186, 4)	1.4924E-04 (223, 4)	2.3839E-04 (240, 5)
35	8.0015E-16 (171, 5)	5.6001E-06 (215, 4)	3.6364E-05 (139, 4)	1.4798E-04 (139, 4)	2.3600E-04 (238, 4)
36	1.3059E-14 (171, 5)	4.9494E-06 (248, 4)	5.2715E-05 (211, 4)	1.8209E-04 (87, 4)	3.4018E-04 (87, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.2266E-04 DIRECTION= 9 DISTANCE= 2.5 KM DAY=152

YEAR= 73

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	3.0543E-13 (236)	3.9113E-05 (163)	5.1139E-05 (199)	4.4360E-05 (160)	4.7645E-05 (226)
2	7.9257E-13 (236)	4.8212E-05 (236)	5.3360E-05 (236)	5.3380E-05 (199)	5.4576E-05 (147)
3	1.1333E-12 (236)	5.0340E-05 (199)	6.4417E-05 (173)	6.6685E-05 (236)	8.0980E-05 (215)
4	8.9291E-13 (236)	5.5455E-05 (236)	1.0242E-04 (173)	8.4997E-05 (173)	7.7865E-05 (173)
5	1.2519E-12 (222)	7.1761E-05 (192)	1.0233E-04 (192)	1.0515E-04 (192)	1.1334E-04 (192)
6	1.5889E-12 (222)	8.6603E-05 (222)	1.1191E-04 (222)	8.7398E-05 (222)	9.9998E-05 (209)
7	1.1113E-12 (222)	5.7084E-05 (222)	7.6852E-05 (182)	9.9870E-05 (187)	1.1804E-04 (181)
8	4.2839E-13 (222)	1.9125E-05 (222)	3.5184E-05 (222)	9.6400E-05 (181)	1.1545E-04 (185)
9	1.2912E-13 (259)	3.9241E-06 (259)	3.1629E-05 (132)	8.9252E-05 (132)	1.2266E-04 (152)
10	1.5445E-13 (218)	2.2312E-05 (259)	2.9263E-05 (259)	6.0246E-05 (132)	8.6673E-05 (132)
11	2.1676E-14 (218)	7.9879E-06 (218)	1.9569E-05 (169)	5.7046E-05 (208)	7.0999E-05 (169)
12	1.6829E-15 (218)	1.0126E-06 (218)	1.3402E-05 (143)	3.0555E-05 (143)	5.2316E-05 (100)
13	1.7734E-15 (119)	1.0743E-06 (119)	6.4845E-06 (197)	2.1535E-05 (103)	3.8898E-05 (103)
14	1.4278E-14 (119)	9.1615E-06 (119)	1.3618E-05 (138)	3.1155E-05 (197)	4.0065E-05 (138)
15	1.0563E-13 (238)	3.8776E-06 (259)	7.7806E-06 (138)	2.5381E-05 (118)	3.3176E-05 (119)
16	1.5487E-13 (119)	1.3927E-05 (238)	1.1091E-05 (95)	3.2047E-05 (95)	4.7688E-05 (95)
17	2.0863E-13 (119)	4.5725E-05 (238)	3.7461E-05 (238)	2.6272E-05 (238)	3.5718E-05 (95)
18	1.5486E-13 (119)	6.6890E-05 (119)	6.4263E-05 (238)	4.6903E-05 (238)	4.6995E-05 (119)
19	1.0765E-13 (221)	2.1135E-05 (119)	2.5409E-05 (233)	3.3204E-05 (233)	3.7200E-05 (233)
20	5.0699E-13 (221)	2.4368E-05 (238)	1.8716E-05 (238)	4.4873E-05 (183)	6.9266E-05 (183)
21	8.3605E-13 (191)	4.9254E-05 (221)	5.3875E-05 (221)	5.8877E-05 (221)	9.3687E-05 (183)
22	1.8812E-12 (221)	7.4975E-05 (221)	8.5473E-05 (221)	8.2262E-05 (221)	8.6447E-05 (221)
23	1.4822E-12 (221)	5.6832E-05 (221)	7.1417E-05 (221)	8.6574E-05 (221)	9.9510E-05 (221)
24	6.4347E-13 (221)	2.1469E-05 (221)	3.1270E-05 (221)	5.0621E-05 (221)	6.6606E-05 (120)
25	1.5393E-13 (221)	3.4352E-05 (260)	5.9022E-05 (191)	6.0970E-05 (191)	6.8155E-05 (240)
26	2.0291E-14 (221)	1.0899E-05 (191)	1.7708E-05 (191)	5.3523E-05 (154)	7.8284E-05 (154)
27	1.4738E-15 (221)	1.1561E-06 (191)	2.0889E-05 (158)	5.3497E-05 (158)	7.3471E-05 (260)
28	4.5795E-15 (191)	6.5674E-07 (158)	2.4719E-05 (158)	5.9300E-05 (239)	8.2022E-05 (239)
29	8.1374E-17 (260)	1.3183E-06 (233)	1.1119E-05 (238)	4.5126E-05 (238)	7.4513E-05 (238)
30	2.0659E-16 (204)	8.1744E-07 (261)	9.3326E-06 (239)	3.0039E-05 (238)	5.3779E-05 (202)
31	2.7976E-16 (217)	6.6616E-06 (261)	1.5394E-05 (217)	3.2970E-05 (217)	3.7778E-05 (217)
32	5.0845E-16 (217)	2.6977E-05 (261)	4.8896E-05 (261)	6.9776E-05 (224)	9.3111E-05 (217)
33	2.4444E-15 (199)	5.4287E-05 (261)	6.2516E-05 (233)	8.1705E-05 (224)	1.0653E-04 (224)
34	3.3653E-14 (199)	3.0668E-05 (233)	2.6771E-05 (233)	7.4520E-05 (217)	6.7674E-05 (261)
35	2.5169E-13 (233)	2.6977E-05 (261)	4.8896E-05 (261)	4.3303E-05 (217)	6.6647E-05 (217)
36	6.4855E-14 (236)	2.1750E-05 (199)	2.6356E-05 (160)	6.3459E-05 (160)	7.7785E-05 (160)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 8.2566E-04 DIRECTION= 5 DISTANCE= 1.5 KM DAY=182 TIME PERIOD= 5

YEAR= 73

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
DIR					
1	2.4434E-12 (236, 4)	3.1290E-04 (163, 4)	4.0911E-04 (199, 4)	3.0848E-04 (160, 4)	3.5611E-04 (226, 4)
2	6.3406E-12 (236, 4)	3.8570E-04 (236, 4)	4.2688E-04 (236, 4)	3.9565E-04 (151, 4)	3.9979E-04 (157, 5)
3	9.0663E-12 (236, 4)	4.0272E-04 (199, 4)	5.1482E-04 (173, 5)	4.1744E-04 (151, 5)	4.4799E-04 (151, 4)
4	7.1432E-12 (236, 4)	4.1649E-04 (173, 5)	6.2722E-04 (182, 4)	5.4618E-04 (182, 4)	5.1916E-04 (182, 4)
5	1.0015E-11 (222, 4)	5.2368E-04 (222, 4)	8.2566E-04 (182, 5)	7.7447E-04 (192, 4)	7.1378E-04 (192, 4)
6	1.2711E-11 (222, 4)	5.7125E-04 (192, 4)	7.3744E-04 (192, 4)	6.4645E-04 (182, 5)	5.6830E-04 (182, 5)
7	8.8895E-12 (222, 4)	4.5533E-04 (222, 4)	5.6229E-04 (222, 4)	5.1837E-04 (216, 5)	6.5662E-04 (218, 4)
8	3.4257E-12 (222, 4)	1.4873E-04 (222, 4)	1.7278E-04 (185, 4)	4.8875E-04 (181, 4)	7.5327E-04 (181, 4)
9	1.0329E-12 (259, 4)	3.1023E-05 (259, 4)	1.3823E-04 (132, 5)	4.1365E-04 (132, 5)	5.8967E-04 (132, 5)
10	1.2356E-12 (218, 4)	1.7821E-04 (259, 4)	1.9930E-04 (259, 4)	3.0291E-04 (218, 4)	4.1671E-04 (140, 4)
11	1.7341E-13 (218, 4)	6.3901E-05 (218, 4)	1.4080E-04 (208, 4)	4.5634E-04 (208, 4)	3.9065E-04 (259, 4)
12	1.3463E-14 (218, 4)	8.0862E-06 (218, 4)	1.0634E-04 (143, 5)	2.3616E-04 (143, 5)	2.7846E-04 (208, 4)
13	1.4183E-14 (119, 5)	6.5792E-06 (119, 4)	5.1866E-05 (197, 5)	1.4654E-04 (103, 5)	2.3072E-04 (103, 5)
14	1.1421E-13 (119, 5)	4.9994E-05 (119, 4)	1.0895E-04 (138, 4)	2.4924E-04 (197, 5)	3.2051E-04 (138, 4)
15	8.4507E-13 (238, 5)	1.3384E-04 (119, 5)	1.1424E-04 (119, 5)	1.4431E-04 (138, 4)	2.6500E-04 (103, 5)
16	1.2388E-12 (119, 5)	3.5424E-04 (119, 4)	3.6314E-04 (119, 5)	2.6970E-04 (119, 5)	2.0627E-04 (95, 5)
17	1.6689E-12 (119, 5)	3.6580E-04 (238, 5)	5.3394E-04 (119, 5)	4.0801E-04 (119, 5)	3.3575E-04 (119, 5)
18	1.2388E-12 (119, 5)	3.8206E-04 (119, 5)	3.6314E-04 (119, 5)	2.6970E-04 (119, 5)	3.0832E-04 (238, 5)
19	8.6124E-13 (221, 5)	1.3384E-04 (119, 5)	1.8113E-04 (233, 5)	2.4176E-04 (103, 4)	2.8794E-04 (305, 4)
20	4.0559E-12 (221, 5)	1.9494E-04 (238, 5)	1.4973E-04 (238, 5)	2.2338E-04 (183, 4)	3.0675E-04 (183, 4)
21	3.5681E-12 (191, 4)	3.9400E-04 (221, 5)	4.1132E-04 (221, 5)	3.3877E-04 (183, 4)	5.1014E-04 (183, 4)
22	9.8277E-12 (191, 4)	3.6570E-04 (191, 4)	4.2270E-04 (191, 4)	4.1189E-04 (191, 4)	4.7681E-04 (221, 5)
23	1.4695E-11 (191, 5)	5.8206E-04 (191, 5)	5.9042E-04 (191, 5)	5.7208E-04 (221, 5)	5.6245E-04 (221, 5)
24	1.2473E-11 (191, 4)	4.8404E-04 (191, 4)	5.0605E-04 (191, 5)	3.9153E-04 (191, 5)	4.3118E-04 (191, 4)
25	5.7478E-12 (191, 4)	2.1867E-04 (191, 5)	2.7146E-04 (191, 4)	3.4230E-04 (191, 4)	3.6349E-04 (240, 5)
26	1.4595E-12 (191, 4)	4.6949E-05 (191, 5)	1.0271E-04 (191, 4)	2.7570E-04 (154, 5)	3.6385E-04 (154, 5)
27	2.0420E-13 (191, 4)	5.0092E-06 (191, 5)	1.6709E-04 (158, 4)	4.2606E-04 (158, 4)	3.9062E-04 (260, 5)
28	2.0894E-14 (191, 5)	5.2540E-06 (158, 4)	1.9774E-04 (158, 4)	3.0721E-04 (238, 4)	4.6022E-04 (238, 4)
29	6.5099E-16 (260, 5)	1.0546E-05 (233, 5)	6.5322E-05 (158, 4)	2.1182E-04 (158, 4)	3.1579E-04 (158, 4)
30	1.6527E-15 (204, 5)	6.5396E-06 (261, 4)	6.4271E-05 (239, 5)	2.3813E-04 (204, 5)	3.3975E-04 (222, 4)
31	1.6527E-15 (204, 5)	5.3293E-05 (261, 4)	1.0830E-04 (204, 5)	2.3968E-04 (204, 5)	2.9051E-04 (112, 4)
32	2.2091E-15 (217, 5)	2.1581E-04 (261, 4)	3.9117E-04 (261, 4)	3.5784E-04 (224, 5)	4.2700E-04 (157, 4)
33	1.9555E-14 (199, 4)	4.3430E-04 (261, 4)	5.0012E-04 (233, 5)	4.3926E-04 (224, 5)	5.4139E-04 (261, 4)
34	2.6922E-13 (199, 4)	2.4534E-04 (233, 5)	2.1417E-04 (233, 5)	3.2920E-04 (217, 4)	4.8067E-04 (217, 4)
35	2.0135E-12 (233, 5)	2.1581E-04 (261, 4)	3.9117E-04 (261, 4)	2.8919E-04 (261, 4)	3.4178E-04 (217, 3)
36	5.1884E-13 (236, 4)	1.7400E-04 (199, 4)	1.3902E-04 (199, 4)	3.0139E-04 (160, 4)	3.5609E-04 (226, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.0897E-04 DIRECTION= 27 DISTANCE= 2.5 KM DAY=110

YEAR= 74

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR	RANGE 0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	1.1916E-12 (237)	4.1085E-05 (161)	5.7160E-05 (161)	5.5356E-05 (242)	5.6092E-05 (221)
2	3.0256E-13 (237)	2.5182E-05 (161)	3.3320E-05 (161)	5.1882E-05 (221)	4.4454E-05 (310)
3	4.2821E-13 (199)	1.5934E-05 (199)	2.6456E-05 (221)	5.6167E-05 (207)	6.9971E-05 (152)
4	3.0116E-13 (221)	1.9303E-05 (173)	4.0932E-05 (199)	5.8604E-05 (173)	6.1418E-05 (229)
5	4.4723E-14 (221)	5.9897E-05 (173)	9.7150E-05 (200)	8.2018E-05 (200)	7.9856E-05 (173)
6	1.8166E-13 (156)	5.4124E-05 (200)	9.4269E-05 (173)	7.8397E-05 (173)	1.0241E-04 (151)
7	5.4349E-13 (199)	2.7247E-05 (156)	4.3711E-05 (173)	7.0278E-05 (190)	1.0097E-04 (200)
8	1.3002E-13 (199)	3.3261E-05 (109)	4.9180E-05 (109)	5.5941E-05 (198)	8.4803E-05 (148)
9	1.7138E-14 (199)	5.0601E-05 (109)	7.3370E-05 (156)	7.2110E-05 (173)	1.0198E-04 (173)
10	1.8411E-15 (173)	4.1410E-05 (156)	9.9314E-05 (211)	8.6181E-05 (211)	8.1048E-05 (223)
11	1.0319E-15 (223)	3.7162E-05 (211)	1.0271E-04 (211)	8.5520E-05 (211)	6.9300E-05 (211)
12	8.0336E-16 (211)	4.2154E-05 (223)	6.5565E-05 (223)	5.4838E-05 (223)	6.0465E-05 (211)
13	1.0822E-15 (211)	1.1163E-05 (223)	1.5085E-05 (223)	2.9652E-05 (237)	4.0102E-05 (167)
14	3.6905E-16 (156)	2.0161E-06 (234)	3.5719E-06 (237)	1.1511E-05 (99)	2.8657E-05 (99)
15	2.2614E-16 (234)	1.2421E-05 (234)	1.9682E-05 (234)	1.4515E-05 (211)	2.1593E-05 (128)
16	2.2660E-16 (196)	2.4679E-06 (211)	5.6742E-06 (282)	2.6869E-05 (282)	4.1451E-05 (234)
17	8.3910E-16 (234)	2.5176E-06 (243)	5.0196E-06 (180)	1.9907E-05 (282)	3.8648E-05 (282)
18	9.6143E-16 (233)	1.4463E-05 (243)	1.7211E-05 (243)	2.9335E-05 (108)	4.8669E-05 (108)
19	1.4912E-14 (233)	1.6430E-05 (234)	2.6792E-05 (234)	2.4963E-05 (108)	3.6187E-05 (108)
20	1.2745E-13 (233)	3.7234E-05 (196)	2.9678E-05 (196)	2.8190E-05 (114)	4.5802E-05 (282)
21	6.0020E-13 (233)	4.1288E-05 (243)	5.4708E-05 (243)	4.1101E-05 (196)	4.8252E-05 (264)
22	1.2090E-12 (196)	5.7101E-05 (233)	5.4992E-05 (196)	4.0819E-05 (171)	5.8263E-05 (171)
23	6.7355E-13 (204)	6.6917E-05 (190)	8.7999E-05 (190)	6.8416E-05 (190)	7.1377E-05 (233)
24	1.3771E-12 (204)	6.5673E-05 (233)	8.1607E-05 (233)	6.2966E-05 (233)	6.7624E-05 (306)
25	7.6178E-13 (233)	4.0761E-05 (238)	5.5208E-05 (238)	5.0746E-05 (110)	7.6531E-05 (286)
26	9.6501E-13 (227)	4.6250E-05 (180)	6.9779E-05 (180)	7.6894E-05 (260)	9.3693E-05 (305)
27	1.7513E-12 (227)	7.5030E-05 (180)	1.0490E-04 (180)	8.3531E-05 (260)	1.0897E-04 (110)
28	1.7513E-12 (227)	7.1549E-05 (172)	1.0058E-04 (227)	7.9832E-05 (227)	8.3445E-05 (172)
29	9.6501E-13 (227)	5.3599E-05 (164)	1.0301E-04 (164)	8.0818E-05 (164)	6.6111E-05 (164)
30	4.0141E-13 (172)	5.8058E-05 (243)	1.0726E-04 (243)	8.6691E-05 (243)	7.3865E-05 (243)
31	6.7842E-13 (221)	5.2553E-05 (221)	6.7532E-05 (221)	6.2726E-05 (237)	7.5658E-05 (243)
32	1.6587E-12 (221)	6.1636E-05 (221)	6.2299E-05 (159)	6.0385E-05 (97)	6.3838E-05 (97)
33	2.2444E-12 (221)	6.6265E-05 (97)	7.0210E-05 (97)	7.6602E-05 (97)	8.7983E-05 (97)
34	1.7611E-12 (221)	4.6454E-05 (237)	3.9545E-05 (237)	7.2606E-05 (221)	7.4628E-05 (221)
35	1.2247E-12 (221)	3.1108E-05 (221)	3.7588E-05 (221)	5.3726E-05 (221)	7.0990E-05 (221)
36	1.7506E-12 (221)	4.5621E-05 (221)	4.9783E-05 (221)	5.6128E-05 (242)	6.4902E-05 (221)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAA3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 8.5809E-04 DIRECTION= 30 DISTANCE= 1.5 KM DAY=243 TIME PERIOD= 4

YEAR= 74

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	9.5328E-12 (237, 5)	3.2866E-04 (161, 4)	4.5728E-04 (161, 4)	3.5543E-04 (161, 4)	3.9984E-04 (228, 4)
2	2.4205E-12 (237, 5)	2.0146E-04 (161, 4)	2.6656E-04 (161, 4)	2.3170E-04 (207, 4)	3.5563E-04 (310, 4)
3	3.4257E-12 (199, 5)	1.2747E-04 (199, 5)	1.8010E-04 (173, 5)	2.5841E-04 (158, 5)	3.0706E-04 (86, 4)
4	2.4092E-12 (221, 5)	3.1491E-04 (173, 5)	3.2746E-04 (199, 5)	4.4999E-04 (158, 5)	4.7927E-04 (229, 4)
5	3.5778E-13 (221, 5)	4.7918E-04 (173, 5)	7.7640E-04 (200, 4)	6.5127E-04 (200, 4)	6.3791E-04 (234, 5)
6	1.4522E-12 (156, 4)	4.3298E-04 (200, 4)	7.5407E-04 (173, 5)	6.2683E-04 (173, 5)	5.8974E-04 (151, 5)
7	4.3479E-12 (199, 5)	2.1690E-04 (156, 4)	3.4685E-04 (173, 5)	4.2951E-04 (205, 5)	4.4368E-04 (129, 4)
8	1.0401E-12 (199, 5)	2.6609E-04 (109, 5)	3.9344E-04 (109, 5)	4.2966E-04 (197, 5)	5.5550E-04 (197, 5)
9	1.3711E-13 (199, 5)	4.0481E-04 (109, 5)	5.8693E-04 (156, 4)	4.9810E-04 (156, 4)	5.7680E-04 (243, 5)
10	1.0889E-14 (173, 5)	3.3128E-04 (156, 4)	7.7103E-04 (211, 5)	6.7482E-04 (211, 5)	5.7628E-04 (211, 5)
11	8.2549E-15 (223, 4)	1.8403E-04 (211, 5)	6.6027E-04 (211, 5)	5.6826E-04 (211, 5)	4.6777E-04 (211, 5)
12	6.4269E-15 (211, 4)	3.2334E-04 (211, 4)	5.1305E-04 (211, 4)	3.8130E-04 (223, 4)	3.1915E-04 (195, 5)
13	8.6580E-15 (211, 4)	8.9301E-05 (223, 4)	1.1953E-04 (223, 4)	2.3721E-04 (237, 5)	3.0670E-04 (237, 5)
14	2.9524E-15 (156, 4)	1.6129E-05 (234, 4)	2.8575E-05 (237, 5)	7.1916E-05 (237, 5)	1.5537E-04 (99, 5)
15	1.8091E-15 (234, 4)	9.9366E-05 (234, 4)	1.5746E-04 (234, 4)	1.1605E-04 (211, 4)	1.7275E-04 (128, 4)
16	1.8128E-15 (196, 4)	1.9743E-05 (211, 4)	4.3170E-05 (109, 6)	1.7531E-04 (109, 6)	2.8293E-04 (338, 5)
17	6.7128E-15 (234, 4)	2.0141E-05 (243, 5)	4.0157E-05 (180, 5)	1.5576E-04 (180, 5)	2.3626E-04 (180, 5)
18	7.6914E-15 (233, 4)	1.1570E-04 (243, 5)	1.3769E-04 (243, 5)	1.9361E-04 (211, 4)	3.3289E-04 (311, 5)
19	1.1930E-13 (233, 4)	1.3144E-04 (234, 4)	2.1434E-04 (234, 4)	1.8448E-04 (108, 5)	2.7228E-04 (243, 5)
20	1.0196E-12 (233, 4)	2.9787E-04 (196, 4)	2.3742E-04 (196, 4)	2.2503E-04 (114, 4)	3.1832E-04 (114, 4)
21	4.8016E-12 (233, 4)	3.3030E-04 (243, 5)	4.3767E-04 (243, 5)	3.2881E-04 (196, 4)	3.6239E-04 (264, 5)
22	9.6720E-12 (196, 4)	4.5681E-04 (233, 4)	4.3994E-04 (196, 4)	3.0268E-04 (196, 4)	3.3644E-04 (233, 4)
23	5.3884E-12 (204, 4)	5.3534E-04 (190, 4)	7.0399E-04 (190, 4)	5.4733E-04 (190, 4)	4.4772E-04 (190, 4)
24	1.1017E-11 (204, 4)	5.2538E-04 (233, 4)	6.5285E-04 (233, 4)	5.0373E-04 (233, 4)	5.1791E-04 (286, 5)
25	6.0942E-12 (233, 4)	3.2609E-04 (238, 4)	4.4166E-04 (238, 4)	3.7627E-04 (286, 5)	4.8324E-04 (110, 5)
26	7.7201E-12 (227, 4)	3.7000E-04 (180, 4)	5.5823E-04 (180, 4)	5.9802E-04 (180, 4)	5.3086E-04 (110, 4)
27	1.4011E-11 (227, 4)	6.0024E-04 (180, 4)	8.3920E-04 (180, 4)	6.6825E-04 (260, 4)	6.9059E-04 (180, 4)
28	1.4011E-11 (227, 4)	5.7233E-04 (172, 4)	8.0463E-04 (227, 4)	6.3861E-04 (227, 4)	5.2887E-04 (164, 4)
29	7.7201E-12 (227, 4)	4.2879E-04 (164, 4)	8.2407E-04 (164, 4)	6.4653E-04 (164, 4)	5.2887E-04 (164, 4)
30	3.2113E-12 (172, 4)	4.6446E-04 (243, 4)	8.5809E-04 (243, 4)	6.9290E-04 (243, 4)	5.8304E-04 (243, 4)
31	5.4273E-12 (221, 4)	4.2039E-04 (221, 4)	5.3778E-04 (221, 4)	4.9814E-04 (237, 4)	6.0242E-04 (243, 4)
32	1.3265E-11 (221, 4)	4.9282E-04 (221, 4)	4.9319E-04 (159, 5)	4.3459E-04 (221, 4)	4.5359E-04 (243, 4)
33	1.7870E-11 (221, 4)	5.3012E-04 (97, 5)	5.6077E-04 (97, 5)	5.9465E-04 (221, 4)	4.8865E-04 (221, 4)
34	1.3265E-11 (221, 4)	3.7160E-04 (237, 5)	3.1547E-04 (237, 5)	3.4496E-04 (97, 5)	4.2773E-04 (97, 5)
35	5.4256E-12 (221, 4)	1.5249E-04 (221, 4)	2.4197E-04 (159, 5)	4.1120E-04 (237, 5)	4.2482E-04 (221, 3)
36	1.2782E-11 (221, 5)	3.3821E-04 (221, 5)	3.6286E-04 (161, 4)	2.7725E-04 (161, 4)	3.2477E-04 (246, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.1518E-04 DIRECTION= 9 DISTANCE= 2.5 KM DAY=179

YEAR= 75

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	2.1297E-12 (162)	7.4752E-05 (162)	9.4062E-05 (162)	7.3173E-05 (162)	7.1370E-05 (99)
2	1.3300E-12 (126)	6.9787E-05 (218)	8.0447E-05 (126)	6.6019E-05 (92)	6.0552E-05 (119)
3	1.1829E-12 (171)	6.1283E-05 (179)	5.6480E-05 (179)	4.9351E-05 (126)	6.5819E-05 (122)
4	1.5936E-12 (171)	7.3330E-05 (145)	6.5828E-05 (179)	6.2398E-05 (161)	8.5341E-05 (161)
5	1.3519E-12 (145)	5.2605E-05 (171)	5.5145E-05 (171)	8.2101E-05 (161)	8.0771E-05 (132)
6	1.6949E-12 (181)	6.8618E-05 (176)	8.5823E-05 (230)	6.7170E-05 (230)	8.7631E-05 (146)
7	8.7988E-13 (181)	5.4659E-05 (185)	9.6558E-05 (185)	1.1020E-04 (185)	1.1191E-04 (178)
8	2.5170E-13 (181)	3.9222E-05 (176)	8.1204E-05 (185)	1.0213E-04 (185)	1.0017E-04 (230)
9	4.6913E-14 (97)	1.7853E-05 (185)	4.0583E-05 (206)	7.3504E-05 (179)	1.1518E-04 (179)
10	7.1281E-14 (176)	2.5627E-05 (97)	2.9496E-05 (97)	6.2014E-05 (166)	9.2153E-05 (166)
11	8.9866E-15 (177)	5.0602E-05 (206)	5.6304E-05 (97)	4.3894E-05 (97)	6.0692E-05 (140)
12	7.6795E-14 (177)	2.5139E-05 (206)	2.6880E-05 (206)	4.0799E-05 (226)	4.0478E-05 (97)
13	2.4866E-13 (97)	1.9329E-05 (177)	2.1786E-05 (177)	3.3588E-05 (230)	5.0599E-05 (230)
14	8.5057E-14 (97)	1.0998E-05 (97)	1.0270E-05 (180)	3.1026E-05 (180)	4.7953E-05 (244)
15	1.6032E-14 (97)	2.8484E-05 (144)	3.9029E-05 (144)	2.9712E-05 (144)	4.6235E-05 (244)
16	1.6650E-15 (97)	5.3449E-05 (144)	7.8117E-05 (144)	6.2597E-05 (144)	5.1794E-05 (177)
17	7.5599E-16 (144)	2.5563E-05 (177)	2.8672E-05 (177)	4.1719E-05 (95)	4.7016E-05 (144)
18	2.4580E-15 (176)	1.0296E-05 (143)	1.6590E-05 (143)	2.3177E-05 (144)	3.2152E-05 (95)
19	1.4475E-14 (177)	5.3176E-06 (144)	6.2780E-06 (106)	2.1023E-05 (94)	3.1287E-05 (94)
20	1.0513E-15 (177)	8.5146E-06 (176)	1.3255E-05 (106)	4.3085E-05 (106)	5.7349E-05 (143)
21	5.4077E-16 (143)	3.6977E-05 (176)	4.5269E-05 (176)	4.5151E-05 (176)	5.2060E-05 (176)
22	2.4919E-16 (143)	1.8000E-05 (143)	2.6721E-05 (143)	3.1448E-05 (143)	5.4768E-05 (141)
23	1.8200E-16 (236)	1.1375E-05 (116)	1.6416E-05 (116)	3.2579E-05 (181)	5.2071E-05 (181)
24	2.7573E-15 (217)	4.5602E-05 (176)	5.4261E-05 (176)	5.4998E-05 (116)	4.9034E-05 (247)
25	3.5766E-14 (217)	1.2077E-05 (176)	1.9620E-05 (250)	5.2284E-05 (250)	7.0587E-05 (250)
26	4.2951E-14 (176)	4.9172E-06 (217)	2.1680E-05 (250)	6.3947E-05 (247)	1.0082E-04 (247)
27	1.8092E-13 (219)	2.4562E-05 (217)	2.4588E-05 (248)	7.6222E-05 (248)	1.1310E-04 (248)
28	8.0273E-13 (219)	1.8846E-05 (219)	3.0793E-05 (184)	5.7047E-05 (248)	8.0735E-05 (248)
29	1.9625E-12 (219)	5.3798E-05 (219)	5.4504E-05 (219)	4.6942E-05 (250)	7.0198E-05 (250)
30	1.7215E-12 (217)	5.6110E-05 (143)	7.4576E-05 (143)	7.1498E-05 (219)	7.7120E-05 (219)
31	1.1829E-12 (242)	5.3798E-05 (219)	6.3903E-05 (143)	5.1900E-05 (143)	5.7453E-05 (114)
32	8.0273E-13 (219)	2.1093E-05 (143)	2.8532E-05 (143)	4.3988E-05 (114)	6.3443E-05 (258)
33	1.8092E-13 (219)	4.5584E-06 (143)	1.9863E-05 (114)	5.8567E-05 (114)	7.8287E-05 (242)
34	2.9797E-13 (162)	7.4369E-06 (162)	2.1542E-05 (114)	4.5076E-05 (260)	6.3408E-05 (260)
35	6.2097E-13 (218)	1.6072E-05 (218)	1.7781E-05 (218)	3.3830E-05 (161)	5.2919E-05 (147)
36	1.7214E-12 (218)	5.2759E-05 (218)	6.3816E-05 (218)	4.7798E-05 (218)	5.3778E-05 (120)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 7.5249E-04 DIRECTION= 1 DISTANCE= 1.5 KM DAY=162 TIME PERIOD= 4

YEAR= 75

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	1.7037E-11 (162, 4)	5.9802E-04 (162, 4)	7.5249E-04 (162, 4)	5.8539E-04 (162, 4)	5.6762E-04 (99, 5)
2	1.0640E-11 (126, 4)	5.5830E-04 (218, 4)	6.4358E-04 (126, 4)	5.0613E-04 (126, 4)	4.1612E-04 (126, 4)
3	9.4636E-12 (171, 4)	4.9025E-04 (179, 5)	4.5137E-04 (179, 5)	3.4010E-04 (179, 5)	4.2429E-04 (216, 5)
4	1.2749E-11 (171, 4)	5.8650E-04 (145, 4)	5.2662E-04 (179, 5)	4.3318E-04 (145, 4)	4.3784E-04 (171, 4)
5	1.0799E-11 (145, 4)	4.2030E-04 (171, 4)	4.1786E-04 (171, 4)	5.3877E-04 (132, 4)	6.4534E-04 (132, 4)
6	1.3559E-11 (181, 5)	5.4894E-04 (176, 4)	6.8655E-04 (230, 4)	5.3727E-04 (230, 4)	5.9939E-04 (146, 4)
7	7.0390E-12 (181, 5)	4.3568E-04 (185, 4)	7.2741E-04 (176, 4)	6.1786E-04 (185, 4)	5.8838E-04 (181, 5)
8	2.0136E-12 (181, 5)	3.1373E-04 (176, 4)	5.8021E-04 (189, 4)	6.1052E-04 (185, 4)	6.2929E-04 (185, 4)
9	3.7495E-13 (97, 4)	1.4248E-04 (185, 4)	2.2291E-04 (185, 4)	4.6506E-04 (166, 5)	6.3920E-04 (166, 5)
10	5.7025E-13 (176, 4)	2.0363E-04 (97, 4)	1.7606E-04 (97, 4)	3.2635E-04 (179, 5)	4.1675E-04 (166, 5)
11	7.1883E-14 (177, 4)	4.0471E-04 (206, 4)	4.4409E-04 (97, 4)	3.3373E-04 (97, 4)	3.4061E-04 (126, 5)
12	6.1436E-13 (177, 4)	2.0111E-04 (206, 4)	2.1498E-04 (206, 4)	2.5466E-04 (128, 4)	3.2338E-04 (97, 4)
13	1.9893E-12 (97, 4)	1.5460E-04 (177, 4)	1.6851E-04 (177, 4)	2.0579E-04 (180, 5)	2.9410E-04 (180, 5)
14	6.8046E-13 (97, 4)	8.7984E-05 (97, 4)	8.0185E-05 (180, 5)	2.2104E-04 (180, 5)	3.4775E-04 (177, 4)
15	1.2825E-13 (97, 4)	2.2788E-04 (144, 4)	3.1223E-04 (144, 4)	2.3770E-04 (144, 4)	2.7246E-04 (297, 4)
16	1.3320E-14 (97, 4)	4.2760E-04 (144, 4)	6.2493E-04 (144, 4)	5.0077E-04 (144, 4)	4.1056E-04 (144, 4)
17	6.0479E-15 (144, 4)	2.0450E-04 (177, 4)	2.2938E-04 (177, 4)	2.5251E-04 (95, 4)	3.4717E-04 (95, 4)
18	1.9664E-14 (176, 4)	8.2274E-05 (143, 4)	1.0566E-04 (143, 4)	1.6597E-04 (95, 4)	2.3392E-04 (95, 4)
19	1.1580E-13 (177, 4)	4.2541E-05 (144, 4)	4.9076E-05 (144, 4)	1.6548E-04 (94, 4)	2.4150E-04 (143, 4)
20	8.4108E-15 (177, 4)	6.8117E-05 (176, 4)	7.3272E-05 (176, 4)	2.1145E-04 (106, 5)	2.9086E-04 (106, 5)
21	4.3261E-15 (143, 4)	2.9581E-04 (176, 4)	3.6215E-04 (176, 4)	3.6109E-04 (176, 4)	3.8408E-04 (143, 4)
22	1.9935E-15 (143, 4)	1.4400E-04 (143, 4)	2.1376E-04 (143, 4)	2.5119E-04 (143, 4)	3.0788E-04 (143, 4)
23	1.4560E-15 (236, 4)	9.0999E-05 (116, 4)	1.3114E-04 (116, 4)	2.6063E-04 (181, 4)	4.1657E-04 (181, 4)
24	2.2059E-14 (217, 4)	3.6482E-04 (176, 4)	4.3398E-04 (176, 4)	4.3775E-04 (116, 4)	3.7793E-04 (247, 5)
25	2.8613E-13 (217, 4)	9.6612E-05 (176, 4)	1.4508E-04 (236, 4)	3.4948E-04 (236, 4)	5.1797E-04 (97, 4)
26	3.4361E-13 (176, 4)	3.9337E-05 (217, 4)	1.1453E-04 (247, 4)	3.7728E-04 (247, 4)	5.4163E-04 (247, 4)
27	1.4474E-12 (219, 4)	1.9650E-04 (217, 4)	1.6160E-04 (217, 4)	4.2657E-04 (247, 4)	5.3434E-04 (248, 5)
28	6.4218E-12 (219, 4)	1.5077E-04 (219, 4)	2.2271E-04 (143, 5)	3.4807E-04 (217, 4)	3.3873E-04 (184, 5)
29	1.5700E-11 (219, 4)	4.3039E-04 (219, 4)	4.3600E-04 (219, 4)	3.5374E-04 (219, 4)	3.4236E-04 (250, 4)
30	1.3772E-11 (217, 4)	4.4888E-04 (143, 5)	5.9230E-04 (143, 5)	5.6458E-04 (219, 4)	5.7814E-04 (219, 4)
31	9.4636E-12 (242, 4)	4.3039E-04 (219, 4)	5.0585E-04 (143, 5)	3.8866E-04 (143, 5)	3.9490E-04 (217, 4)
32	6.4218E-12 (219, 4)	1.6856E-04 (143, 5)	2.0053E-04 (143, 5)	2.7358E-04 (235, 4)	3.8443E-04 (168, 4)
33	1.4474E-12 (219, 4)	3.6191E-05 (143, 5)	1.4309E-04 (114, 5)	4.3549E-04 (114, 5)	5.9193E-04 (114, 5)
34	2.3837E-12 (162, 4)	5.9496E-05 (162, 4)	1.6433E-04 (114, 5)	3.6061E-04 (260, 4)	5.0726E-04 (260, 4)
35	4.9998E-12 (218, 4)	1.2858E-04 (218, 4)	1.4225E-04 (218, 4)	2.5388E-04 (147, 4)	3.3038E-04 (260, 4)
36	1.3771E-11 (218, 4)	4.2207E-04 (218, 4)	5.1053E-04 (218, 4)	3.8238E-04 (218, 4)	4.3022E-04 (120, 4)

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	0.	75.	94.	73.	71.
2	0.	70.	80.	69.	61.
3	0.	61.	81.	70.	81.
4	0.	88.	106.	85.	85.
5	0.	95.	115.	105.	113.
6	0.	87.	112.	87.	102.
7	0.	75.	97.	110.	118.
8	0.	51.	81.	102.	115.
9	0.	71.	109.	96.	133.
10	0.	66.	99.	93.	122.
11	0.	51.	103.	86.	71.
12	0.	42.	66.	83.	69.
13	0.	19.	26.	56.	51.
14	0.	12.	20.	31.	48.
15	0.	42.	46.	45.	47.
16	0.	53.	78.	63.	55.
17	0.	46.	37.	42.	47.
18	0.	67.	64.	47.	49.
19	0.	58.	45.	36.	50.
20	0.	54.	53.	45.	69.
21	0.	76.	77.	61.	94.
22	0.	75.	85.	82.	86.
23	0.	67.	88.	87.	100.
24	0.	66.	82.	63.	77.
25	0.	67.	87.	67.	77.
26	0.	72.	82.	77.	101.
27	0.	75.	105.	84.	113.
28	0.	109.	119.	92.	83.
29	0.	54.	103.	81.	75.
30	0.	58.	107.	87.	77.
31	0.	54.	68.	63.	76.
32	0.	62.	62.	70.	93.
33	0.	66.	70.	82.	107.
34	0.	46.	40.	75.	75.
35	0.	31.	49.	67.	89.
36	0.	53.	64.	63.	90.

COMPOSITE HIGHEST, SECOND-HIGHEST 3-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	0.	598.	752.	585.	568.
2	0.	558.	644.	510.	445.
3	0.	490.	648.	546.	541.
4	0.	704.	846.	651.	531.
5	0.	755.	914.	774.	714.
6	0.	571.	754.	646.	599.
7	0.	602.	727.	618.	657.
8	0.	407.	599.	611.	753.
9	0.	565.	871.	687.	701.
10	0.	529.	771.	675.	617.
11	0.	405.	660.	568.	468.
12	0.	323.	513.	407.	556.
13	0.	155.	171.	237.	307.
14	0.	95.	163.	249.	348.
15	0.	335.	371.	292.	379.
16	0.	428.	625.	501.	411.
17	0.	366.	534.	408.	347.
18	0.	382.	363.	292.	333.
19	0.	463.	363.	242.	288.
20	0.	430.	421.	321.	318.
21	0.	610.	611.	426.	510.
22	0.	457.	440.	412.	477.
23	0.	582.	704.	572.	562.
24	0.	525.	653.	504.	545.
25	0.	441.	602.	489.	518.
26	0.	423.	562.	598.	542.
27	0.	600.	839.	668.	691.
28	0.	873.	955.	737.	603.
29	0.	434.	824.	647.	529.
30	0.	464.	858.	693.	583.
31	0.	430.	538.	498.	602.
32	0.	493.	493.	435.	454.
33	0.	530.	561.	595.	592.
34	0.	372.	315.	361.	507.
35	0.	216.	391.	501.	649.
36	0.	422.	511.	394.	523.

RING DISTANCES(KM)= 3.00 3.50 4.00 4.50 5.00

STACK # 1--TECO 1&2 75% 31.5T/H SO2
STACK # 2--TECO 3&4 75% 31.5T/H SO2

STACK	MONTH	EMISSION RATE (GMS/SEC)	HEIGHT (METERS)	DIAMETER (METERS)	EXIT VELOCITY (M/SEC)	TEMP (DEG.K)	VOLUMETRIC FLOW (M**3/SEC)
1	ALL	3936.8201	149.40	7.32	22.90	412.00	963.71
2	ALL	2548.7600	149.40	7.32	27.10	365.00	1140.46

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MMM3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.5601E-04 DIRECTION= 9 DISTANCE= 3.5 KM DAY=128

YEAR= 71

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	6.7971E-05 (229)	6.7410E-05 (260)	6.0193E-05 (260)	5.5739E-05 (113)	5.4074E-05 (113)
2	7.7393E-05 (113)	8.2047E-05 (236)	8.0062E-05 (331)	8.3695E-05 (331)	8.4438E-05 (331)
3	8.0484E-05 (234)	7.7682E-05 (205)	8.0330E-05 (205)	7.9590E-05 (205)	7.6950E-05 (205)
4	6.0011E-05 (205)	7.0119E-05 (205)	7.5729E-05 (205)	7.6756E-05 (234)	6.9297E-05 (234)
5	7.4903E-05 (200)	7.3065E-05 (288)	6.9222E-05 (288)	6.4645E-05 (288)	6.6646E-05 (205)
6	7.8339E-05 (200)	8.2423E-05 (159)	8.3227E-05 (159)	7.5407E-05 (206)	6.5736E-05 (206)
7	8.5911E-05 (207)	8.6741E-05 (207)	8.3221E-05 (207)	7.7407E-05 (224)	7.5918E-05 (280)
8	8.4969E-05 (128)	8.2619E-05 (128)	8.4684E-05 (139)	8.1813E-05 (257)	7.8849E-05 (139)
9	1.5056E-04 (128)	1.5601E-04 (128)	1.5331E-04 (128)	1.4622E-04 (128)	1.3472E-04 (220)
10	1.0455E-04 (168)	1.0921E-04 (220)	1.0678E-04 (220)	1.0123E-04 (220)	9.4483E-05 (220)
11	6.0892E-05 (198)	6.1688E-05 (196)	6.8324E-05 (196)	7.0659E-05 (196)	7.0191E-05 (196)
12	5.9245E-05 (257)	7.7144E-05 (136)	8.9188E-05 (136)	9.2686E-05 (198)	8.2398E-05 (198)
13	5.5689E-05 (141)	6.3558E-05 (141)	6.6061E-05 (141)	6.5346E-05 (141)	6.2974E-05 (141)
14	4.0646E-05 (222)	4.9068E-05 (222)	5.3708E-05 (222)	5.5241E-05 (222)	5.4657E-05 (222)
15	5.1824E-05 (121)	5.5169E-05 (121)	5.4890E-05 (121)	5.8425E-05 (221)	6.0898E-05 (221)
16	4.8655E-05 (169)	5.3024E-05 (169)	5.4748E-05 (169)	5.6118E-05 (124)	5.7132E-05 (124)
17	3.9482E-05 (99)	4.2061E-05 (99)	4.1391E-05 (169)	4.2535E-05 (169)	4.2227E-05 (169)
18	4.7340E-05 (99)	5.3090E-05 (99)	5.5242E-05 (316)	6.1122E-05 (316)	6.3173E-05 (316)
19	3.8333E-05 (257)	3.8595E-05 (221)	3.8087E-05 (316)	4.2124E-05 (316)	4.3857E-05 (316)
20	3.9208E-05 (18)	4.1759E-05 (263)	4.0383E-05 (99)	3.8630E-05 (18)	3.5616E-05 (46)
21	6.9451E-05 (137)	6.8684E-05 (263)	6.1445E-05 (263)	6.2775E-05 (311)	6.3827E-05 (311)
22	6.5461E-05 (142)	7.5706E-05 (47)	7.6146E-05 (47)	7.3069E-05 (47)	6.8697E-05 (47)
23	7.4528E-05 (68)	7.9696E-05 (270)	8.4664E-05 (156)	7.5388E-05 (156)	6.8763E-05 (272)
24	8.9022E-05 (90)	1.0045E-04 (90)	1.0312E-04 (156)	9.6134E-05 (156)	8.8407E-05 (156)
25	5.4172E-05 (90)	6.3570E-05 (90)	6.7945E-05 (90)	6.8683E-05 (285)	6.8641E-05 (285)
26	4.6728E-05 (101)	5.0776E-05 (267)	6.0903E-05 (267)	6.6293E-05 (267)	6.5490E-05 (156)
27	7.7445E-05 (190)	9.6133E-05 (190)	1.0621E-04 (190)	1.1000E-04 (190)	1.0987E-04 (190)
28	8.7416E-05 (101)	9.7347E-05 (101)	1.0095E-04 (101)	1.0039E-04 (101)	9.7339E-05 (101)
29	6.8830E-05 (138)	6.7042E-05 (138)	7.3648E-05 (247)	8.0138E-05 (247)	8.3000E-05 (247)
30	7.4366E-05 (182)	7.6775E-05 (182)	7.5034E-05 (182)	7.4659E-05 (210)	7.8930E-05 (210)
31	4.4443E-05 (210)	5.0032E-05 (182)	5.3637E-05 (250)	5.5792E-05 (243)	5.7537E-05 (243)
32	7.0565E-05 (2)	8.1412E-05 (2)	8.4998E-05 (2)	8.4127E-05 (2)	8.0851E-05 (2)
33	6.4414E-05 (91)	8.2993E-05 (91)	8.3490E-05 (230)	8.3928E-05 (363)	8.8924E-05 (363)
34	6.7319E-05 (187)	9.0042E-05 (187)	1.0361E-04 (187)	1.0100E-04 (259)	9.5349E-05 (259)
35	9.3672E-05 (211)	9.0005E-05 (211)	8.2949E-05 (211)	7.4988E-05 (211)	6.7258E-05 (211)
36	1.0479E-04 (229)	1.0029E-04 (260)	9.2525E-05 (260)	8.4709E-05 (260)	7.7560E-05 (260)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 7.7591E-04 DIRECTION= 9 DISTANCE= 3.5 KM DAY=220 TIME PERIOD= 5

YEAR= 71

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	4.1001E-04 (229, 4)	4.0366E-04 (229, 4)	3.8377E-04 (260, 5)	3.5203E-04 (229, 4)	3.2473E-04 (229, 4)
2	4.0719E-04 (184, 4)	4.3683E-04 (184, 4)	4.5053E-04 (113, 5)	4.4966E-04 (73, 4)	4.4610E-04 (73, 4)
3	5.5011E-04 (219, 5)	5.0249E-04 (219, 5)	4.4129E-04 (219, 5)	3.8215E-04 (219, 5)	3.8633E-04 (331, 4)
4	4.4985E-04 (238, 4)	4.1855E-04 (163, 4)	4.3756E-04 (163, 4)	4.7079E-04 (127, 4)	4.9139E-04 (234, 4)
5	5.9922E-04 (200, 4)	5.6403E-04 (200, 4)	5.1483E-04 (240, 5)	4.6197E-04 (200, 4)	4.3997E-04 (219, 6)
6	5.8548E-04 (206, 5)	5.3952E-04 (206, 5)	4.7705E-04 (206, 5)	4.7649E-04 (159, 4)	4.3615E-04 (200, 4)
7	4.4715E-04 (207, 5)	4.6381E-04 (207, 5)	4.5407E-04 (207, 5)	4.3151E-04 (207, 5)	4.2547E-04 (229, 6)
8	5.5621E-04 (262, 5)	5.6725E-04 (262, 5)	5.3475E-04 (262, 5)	5.0712E-04 (160, 4)	4.8360E-04 (232, 5)
9	7.7114E-04 (220, 5)	7.7591E-04 (220, 5)	7.3684E-04 (220, 5)	6.9286E-04 (178, 4)	6.7478E-04 (238, 5)
10	4.7850E-04 (178, 4)	5.7212E-04 (168, 4)	6.2365E-04 (168, 4)	6.3410E-04 (168, 4)	5.9551E-04 (204, 5)
11	3.8492E-04 (192, 5)	4.1906E-04 (192, 5)	4.2261E-04 (192, 5)	4.0844E-04 (192, 5)	3.8532E-04 (192, 5)
12	4.7396E-04 (257, 4)	4.1455E-04 (257, 4)	4.7025E-04 (136, 4)	4.5562E-04 (198, 4)	4.2975E-04 (317, 4)
13	3.1268E-04 (198, 3)	3.4718E-04 (198, 3)	3.5590E-04 (198, 3)	3.6502E-04 (136, 4)	3.6822E-04 (136, 4)
14	2.4496E-04 (159, 5)	2.3077E-04 (121, 4)	2.9743E-04 (199, 6)	3.4598E-04 (199, 6)	3.7320E-04 (199, 6)
15	3.2266E-04 (159, 5)	3.7267E-04 (222, 5)	4.1209E-04 (222, 5)	4.2676E-04 (221, 5)	4.2306E-04 (222, 4)
16	3.7619E-04 (262, 4)	3.5252E-04 (124, 6)	4.1155E-04 (124, 6)	4.3217E-04 (169, 4)	4.2235E-04 (169, 4)
17	3.1585E-04 (99, 4)	3.3648E-04 (99, 4)	3.2606E-04 (99, 4)	3.0242E-04 (99, 4)	2.8613E-04 (315, 5)
18	3.2385E-04 (173, 4)	3.5969E-04 (124, 5)	3.7854E-04 (124, 5)	3.7531E-04 (124, 5)	3.5983E-04 (124, 5)
19	3.0595E-04 (257, 4)	3.0876E-04 (221, 4)	2.9173E-04 (221, 4)	2.7174E-04 (316, 5)	2.8638E-04 (316, 5)
20	3.1366E-04 (18, 4)	3.3406E-04 (263, 5)	3.1232E-04 (99, 4)	3.0904E-04 (18, 4)	2.8493E-04 (46, 5)
21	4.3517E-04 (18, 4)	4.7597E-04 (18, 4)	4.7004E-04 (18, 4)	4.4327E-04 (18, 4)	4.0651E-04 (263, 5)
22	3.6754E-04 (142, 5)	4.2660E-04 (142, 5)	4.2747E-04 (263, 5)	4.0392E-04 (263, 5)	3.8015E-04 (263, 5)
23	4.7267E-04 (156, 4)	4.6442E-04 (156, 4)	4.2706E-04 (156, 4)	4.0274E-04 (271, 5)	4.1452E-04 (271, 5)
24	4.2926E-04 (90, 4)	4.5081E-04 (90, 4)	4.4834E-04 (90, 4)	4.3164E-04 (90, 4)	4.0773E-04 (90, 4)
25	3.5066E-04 (285, 4)	4.4974E-04 (55, 5)	4.7958E-04 (55, 5)	4.7711E-04 (137, 4)	4.8016E-04 (137, 4)
26	3.2521E-04 (156, 3)	3.5199E-04 (156, 3)	3.6316E-04 (156, 3)	3.6421E-04 (267, 5)	3.7010E-04 (267, 5)
27	5.1161E-04 (240, 4)	4.7550E-04 (101, 4)	4.7918E-04 (101, 4)	4.4671E-04 (86, 5)	4.4868E-04 (265, 4)
28	5.1161E-04 (240, 4)	5.2554E-04 (101, 5)	5.2761E-04 (101, 5)	5.0949E-04 (101, 5)	4.8084E-04 (101, 5)
29	5.0081E-04 (138, 5)	4.6437E-04 (138, 5)	4.1191E-04 (138, 5)	4.3313E-04 (277, 4)	4.3476E-04 (277, 4)
30	5.0205E-04 (138, 5)	4.5701E-04 (138, 5)	4.2835E-04 (250, 4)	4.5683E-04 (211, 3)	4.9294E-04 (211, 3)
31	3.1403E-04 (230, 5)	3.1335E-04 (182, 4)	2.9008E-04 (278, 4)	3.0738E-04 (278, 4)	3.1132E-04 (278, 4)
32	4.3250E-04 (218, 4)	4.1653E-04 (362, 4)	4.1740E-04 (362, 4)	4.1520E-04 (139, 3)	4.5370E-04 (139, 3)
33	4.3979E-04 (91, 5)	5.7346E-04 (91, 5)	5.7183E-04 (230, 4)	5.7271E-04 (77, 5)	5.7312E-04 (77, 5)
34	3.8685E-04 (187, 4)	5.0653E-04 (187, 4)	5.7310E-04 (187, 4)	5.7908E-04 (259, 4)	5.6132E-04 (259, 4)
35	4.4428E-04 (211, 4)	5.8415E-04 (211, 4)	5.1141E-04 (211, 4)	4.4253E-04 (211, 4)	3.8268E-04 (211, 4)
36	5.8743E-04 (260, 4)	5.8154E-04 (260, 4)	5.4840E-04 (260, 4)	5.0840E-04 (260, 4)	4.8854E-04 (179, 3)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.6239E-04 DIRECTION= 9 DISTANCE= 5.0 KM DAY=207

YEAR= 72

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	5.6017E-05 (206)	6.6629E-05 (107)	7.6396E-05 (107)	8.0763E-05 (107)	8.1451E-05 (107)
2	5.6798E-05 (110)	7.3927E-05 (57)	8.6047E-05 (57)	9.1671E-05 (57)	9.2768E-05 (57)
3	7.8782E-05 (110)	7.6338E-05 (110)	7.7193E-05 (105)	7.8922E-05 (105)	7.7563E-05 (105)
4	7.5339E-05 (150)	7.3777E-05 (150)	6.7616E-05 (150)	6.5173E-05 (136)	6.5748E-05 (195)
5	1.0395E-04 (150)	1.0461E-04 (211)	1.0473E-04 (211)	1.0300E-04 (211)	9.9667E-05 (261)
6	9.8125E-05 (211)	9.4267E-05 (211)	9.6513E-05 (210)	9.2202E-05 (261)	8.7525E-05 (261)
7	1.0401E-04 (194)	1.0196E-04 (194)	1.0393E-04 (309)	1.0227E-04 (309)	9.3771E-05 (298)
8	9.5816E-05 (195)	9.7382E-05 (220)	9.7911E-05 (216)	9.5924E-05 (220)	9.1978E-05 (220)
9	1.5417E-04 (124)	1.6015E-04 (124)	1.5565E-04 (124)	1.6088E-04 (207)	1.6239E-04 (207)
10	1.3480E-04 (242)	1.3351E-04 (242)	1.2704E-04 (242)	1.2418E-04 (181)	1.2271E-04 (181)
11	6.7577E-05 (131)	7.5434E-05 (131)	7.8027E-05 (131)	7.7067E-05 (131)	7.4001E-05 (131)
12	4.1938E-05 (143)	4.7665E-05 (143)	5.2190E-05 (231)	4.9442E-05 (184)	5.0495E-05 (250)
13	4.1891E-05 (184)	3.9189E-05 (184)	3.6969E-05 (185)	4.2148E-05 (185)	4.5287E-05 (185)
14	3.7100E-05 (289)	4.1536E-05 (249)	4.4053E-05 (146)	4.4458E-05 (102)	4.6388E-05 (102)
15	3.2606E-05 (240)	3.5277E-05 (146)	4.0092E-05 (146)	4.2067E-05 (146)	4.1730E-05 (362)
16	2.7682E-05 (240)	2.8326E-05 (93)	3.0303E-05 (259)	3.4930E-05 (322)	3.8101E-05 (322)
17	2.7821E-05 (193)	3.3319E-05 (193)	3.4734E-05 (193)	3.3743E-05 (193)	3.2270E-05 (326)
18	4.5840E-05 (247)	5.0555E-05 (326)	5.8774E-05 (193)	5.7972E-05 (193)	5.5175E-05 (193)
19	5.1606E-05 (189)	5.0222E-05 (189)	4.7309E-05 (189)	4.3787E-05 (189)	4.1404E-05 (282)
20	6.7190E-05 (189)	6.3578E-05 (189)	5.8353E-05 (189)	6.0295E-05 (336)	6.0546E-05 (193)
21	7.6989E-05 (252)	7.5045E-05 (189)	6.8620E-05 (189)	6.1920E-05 (189)	5.5785E-05 (189)
22	4.7126E-05 (265)	5.0169E-05 (252)	5.0538E-05 (252)	5.2854E-05 (288)	5.6061E-05 (288)
23	6.2789E-05 (156)	6.1565E-05 (156)	6.2026E-05 (266)	6.2261E-05 (266)	5.9286E-05 (158)
24	6.8851E-05 (156)	6.6359E-05 (156)	6.6514E-05 (158)	6.4890E-05 (288)	7.1548E-05 (288)
25	7.8002E-05 (247)	7.6578E-05 (157)	8.3271E-05 (157)	8.4809E-05 (157)	8.3049E-05 (157)
26	8.2443E-05 (265)	1.0096E-04 (265)	1.1131E-04 (265)	1.1533E-04 (265)	1.1509E-04 (265)
27	6.2909E-05 (310)	7.2009E-05 (254)	8.1344E-05 (247)	7.8860E-05 (247)	7.5187E-05 (247)
28	5.7299E-05 (186)	6.6833E-05 (231)	7.4399E-05 (230)	7.7220E-05 (339)	7.7413E-05 (339)
29	5.6790E-05 (197)	7.1903E-05 (27)	6.7835E-05 (27)	6.2564E-05 (27)	5.9934E-05 (230)
30	6.1597E-05 (228)	6.5838E-05 (241)	6.8676E-05 (345)	7.1125E-05 (345)	7.1271E-05 (345)
31	5.5379E-05 (196)	6.4686E-05 (212)	6.3664E-05 (196)	7.1967E-05 (332)	7.6396E-05 (332)
32	6.1883E-05 (307)	6.7687E-05 (61)	7.6112E-05 (61)	7.9170E-05 (61)	7.8778E-05 (61)
33	7.3053E-05 (229)	7.7691E-05 (229)	8.0505E-05 (1)	8.9828E-05 (1)	8.6283E-05 (314)
34	4.5911E-05 (54)	5.4223E-05 (54)	5.7585E-05 (54)	5.7735E-05 (54)	5.6071E-05 (54)
35	3.9859E-05 (213)	4.5759E-05 (213)	4.7430E-05 (213)	4.6524E-05 (213)	4.4251E-05 (213)
36	5.2618E-05 (87)	5.6034E-05 (136)	5.6619E-05 (113)	5.4645E-05 (136)	5.2560E-05 (136)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 8.3522E-04 DIRECTION= 9 DISTANCE= 3.5 KM DAY=124 TIME PERIOD= 4

YEAR= 72

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	4.0458E-04 (113, 4)	4.6801E-04 (113, 4)	4.6313E-04 (206, 4)	4.7600E-04 (107, 4)	4.5901E-04 (113, 4)
2	3.8045E-04 (206, 4)	4.0245E-04 (206, 4)	4.2514E-04 (57, 4)	4.6044E-04 (57, 4)	4.7173E-04 (57, 4)
3	4.5911E-04 (135, 5)	4.7183E-04 (135, 5)	4.4735E-04 (57, 5)	4.3760E-04 (135, 5)	4.1429E-04 (149, 5)
4	4.3242E-04 (110, 5)	4.3833E-04 (110, 5)	4.2965E-04 (110, 5)	4.1199E-04 (110, 5)	3.8917E-04 (110, 5)
5	5.5643E-04 (150, 4)	5.5280E-04 (261, 5)	4.9766E-04 (261, 5)	4.7943E-04 (150, 4)	4.5072E-04 (292, 4)
6	5.9631E-04 (261, 5)	5.5513E-04 (261, 5)	5.1782E-04 (210, 6)	4.7903E-04 (85, 4)	4.9509E-04 (85, 4)
7	4.8716E-04 (309, 5)	5.6669E-04 (309, 5)	6.0863E-04 (309, 5)	5.7923E-04 (298, 5)	5.2950E-04 (298, 5)
8	5.4396E-04 (248, 4)	4.7254E-04 (248, 4)	5.0660E-04 (290, 4)	4.7851E-04 (153, 4)	4.9741E-04 (153, 4)
9	7.7720E-04 (124, 4)	8.3522E-04 (124, 4)	8.2996E-04 (124, 4)	8.1170E-04 (183, 4)	7.8796E-04 (183, 4)
10	6.7404E-04 (242, 4)	6.5359E-04 (242, 4)	6.0624E-04 (242, 4)	6.1007E-04 (183, 5)	5.7379E-04 (183, 5)
11	3.9319E-04 (248, 5)	3.4420E-04 (222, 5)	3.7775E-04 (222, 5)	3.8569E-04 (222, 5)	3.7778E-04 (222, 5)
12	2.4391E-04 (97, 5)	3.0088E-04 (97, 5)	3.6239E-04 (250, 4)	3.9526E-04 (250, 4)	3.6363E-04 (184, 4)
13	3.3513E-04 (184, 4)	3.1615E-04 (146, 5)	3.1471E-04 (146, 5)	2.9973E-04 (146, 5)	2.7883E-04 (146, 5)
14	2.9555E-04 (289, 4)	3.3228E-04 (249, 6)	3.2931E-04 (282, 4)	3.5520E-04 (102, 4)	3.7009E-04 (102, 4)
15	2.6085E-04 (240, 5)	2.6909E-04 (198, 6)	2.5770E-04 (198, 6)	2.3720E-04 (198, 6)	2.4314E-04 (109, 6)
16	2.2146E-04 (240, 5)	2.2445E-04 (240, 5)	2.2741E-04 (108, 4)	2.2754E-04 (260, 5)	2.3268E-04 (259, 6)
17	2.2257E-04 (193, 3)	2.6655E-04 (193, 3)	2.7787E-04 (193, 3)	2.6994E-04 (193, 3)	2.5331E-04 (193, 3)
18	3.3078E-04 (263, 5)	3.4623E-04 (260, 4)	3.4560E-04 (260, 4)	3.7803E-04 (326, 4)	4.0045E-04 (326, 4)
19	2.6355E-04 (252, 5)	2.5624E-04 (206, 4)	2.5439E-04 (206, 4)	2.6807E-04 (313, 5)	2.8114E-04 (313, 5)
20	2.9889E-04 (252, 4)	2.8839E-04 (252, 4)	2.6456E-04 (252, 5)	2.5004E-04 (256, 5)	2.6969E-04 (322, 4)
21	3.5468E-04 (189, 4)	3.8400E-04 (282, 4)	4.1493E-04 (359, 4)	4.1033E-04 (359, 4)	3.9065E-04 (359, 4)
22	3.5242E-04 (189, 4)	3.6331E-04 (189, 4)	3.4841E-04 (189, 4)	3.4261E-04 (359, 4)	3.2465E-04 (359, 4)
23	3.2724E-04 (217, 4)	3.3403E-04 (217, 4)	3.2592E-04 (217, 4)	3.1212E-04 (266, 5)	3.0610E-04 (45, 4)
24	5.2392E-04 (186, 4)	4.5816E-04 (186, 4)	4.0801E-04 (186, 4)	3.6841E-04 (186, 4)	3.3632E-04 (186, 4)
25	3.9948E-04 (247, 4)	4.0069E-04 (226, 4)	4.3999E-04 (226, 4)	4.5757E-04 (226, 4)	4.5926E-04 (226, 4)
26	5.5864E-04 (247, 4)	5.1086E-04 (247, 4)	4.5275E-04 (247, 4)	3.9670E-04 (247, 4)	3.9796E-04 (157, 3)
27	4.2906E-04 (207, 3)	4.4377E-04 (207, 4)	4.2387E-04 (257, 4)	4.3333E-04 (257, 4)	4.0607E-04 (207, 3)
28	3.5513E-04 (339, 4)	4.6208E-04 (230, 4)	5.2283E-04 (231, 3)	5.0802E-04 (297, 4)	5.1018E-04 (297, 4)
29	3.2122E-04 (186, 5)	3.1567E-04 (27, 4)	3.2237E-04 (197, 4)	3.1313E-04 (197, 4)	2.9433E-04 (339, 4)
30	4.4638E-04 (228, 3)	5.0499E-04 (241, 4)	4.9083E-04 (241, 4)	4.9480E-04 (345, 4)	4.9638E-04 (345, 4)
31	3.2418E-04 (223, 4)	3.3840E-04 (209, 3)	3.4768E-04 (209, 3)	3.5795E-04 (332, 5)	3.8818E-04 (332, 5)
32	3.5742E-04 (229, 4)	3.8817E-04 (213, 4)	4.3281E-04 (364, 5)	4.2672E-04 (61, 4)	4.2561E-04 (61, 4)
33	4.6483E-04 (248, 4)	4.4449E-04 (1, 5)	5.5031E-04 (1, 5)	5.9226E-04 (229, 4)	5.6081E-04 (229, 4)
34	2.8972E-04 (240, 5)	3.0953E-04 (54, 4)	3.0980E-04 (54, 4)	3.0595E-04 (211, 3)	3.2426E-04 (211, 3)
35	3.1887E-04 (213, 5)	3.6607E-04 (213, 5)	3.7944E-04 (213, 5)	3.7219E-04 (213, 5)	3.5401E-04 (213, 5)
36	4.2094E-04 (87, 4)	4.4827E-04 (136, 4)	4.4836E-04 (136, 4)	4.3716E-04 (136, 4)	4.2047E-04 (136, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MM3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.3855E-04 DIRECTION= 9 DISTANCE= 3.0 KM DAY=132

YEAR= 73

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
DIR					
1	5.3238E-05 (146)	5.5737E-05 (226)	5.5985E-05 (149)	5.4596E-05 (149)	5.7043E-05 (193)
2	6.7901E-05 (147)	7.2189E-05 (147)	7.1202E-05 (147)	7.2764E-05 (159)	7.3254E-05 (71)
3	8.3859E-05 (215)	7.8907E-05 (215)	7.1877E-05 (215)	7.0660E-05 (123)	7.0796E-05 (123)
4	8.2503E-05 (313)	8.1712E-05 (182)	7.3626E-05 (182)	7.0558E-05 (173)	6.7256E-05 (173)
5	1.1926E-04 (192)	1.2131E-04 (313)	1.2856E-04 (313)	1.2497E-04 (182)	1.1548E-04 (182)
6	1.1131E-04 (209)	1.1498E-04 (209)	1.1560E-04 (209)	1.1477E-04 (209)	1.1305E-04 (209)
7	1.2690E-04 (187)	1.2459E-04 (185)	1.1770E-04 (181)	1.0793E-04 (181)	9.8495E-05 (216)
8	1.2429E-04 (236)	1.2014E-04 (236)	1.1052E-04 (236)	1.0416E-04 (187)	1.0229E-04 (253)
9	1.3855E-04 (132)	1.3826E-04 (132)	1.3208E-04 (132)	1.2375E-04 (132)	1.1584E-04 (192)
10	9.7149E-05 (140)	9.8130E-05 (196)	1.0264E-04 (132)	9.9343E-05 (132)	9.4710E-05 (132)
11	7.5906E-05 (169)	7.5364E-05 (169)	7.3126E-05 (232)	7.0761E-05 (232)	6.8962E-05 (235)
12	6.2756E-05 (259)	5.4884E-05 (259)	5.9792E-05 (124)	6.6347E-05 (138)	7.0443E-05 (138)
13	3.9560E-05 (259)	3.3953E-05 (259)	3.4300E-05 (124)	3.5658E-05 (124)	3.5390E-05 (124)
14	4.6346E-05 (103)	5.0168E-05 (169)	5.4917E-05 (169)	5.6042E-05 (169)	5.4924E-05 (169)
15	4.0577E-05 (103)	4.1599E-05 (103)	3.9641E-05 (47)	4.4602E-05 (47)	4.7305E-05 (47)
16	5.6099E-05 (95)	5.9071E-05 (95)	5.4525E-05 (119)	4.8912E-05 (119)	4.9831E-05 (182)
17	4.3459E-05 (95)	4.7370E-05 (95)	4.8424E-05 (95)	4.8220E-05 (53)	5.0717E-05 (119)
18	5.3112E-05 (101)	6.3588E-05 (101)	6.9721E-05 (101)	7.1775E-05 (103)	7.1998E-05 (101)
19	4.5221E-05 (101)	4.9960E-05 (101)	5.2486E-05 (305)	5.4710E-05 (305)	5.2206E-05 (103)
20	7.7148E-05 (183)	7.4878E-05 (183)	6.8353E-05 (183)	6.1506E-05 (305)	6.0281E-05 (305)
21	1.1007E-04 (183)	1.0416E-04 (233)	1.0608E-04 (183)	1.0557E-04 (305)	1.0802E-04 (221)
22	8.8935E-05 (221)	8.8155E-05 (221)	8.4995E-05 (221)	8.0539E-05 (221)	7.5592E-05 (221)
23	1.0240E-04 (221)	9.9094E-05 (221)	9.2971E-05 (221)	8.5848E-05 (221)	7.8716E-05 (221)
24	7.2246E-05 (120)	7.1092E-05 (125)	8.1002E-05 (316)	8.9402E-05 (183)	8.9735E-05 (183)
25	8.5682E-05 (260)	9.4084E-05 (260)	9.9066E-05 (260)	1.0169E-04 (321)	1.0840E-04 (321)
26	8.9276E-05 (154)	9.2854E-05 (240)	9.5000E-05 (154)	1.0519E-04 (82)	1.0963E-04 (82)
27	7.3076E-05 (158)	7.6659E-05 (287)	8.2175E-05 (287)	8.1969E-05 (154)	7.7369E-05 (154)
28	8.6773E-05 (239)	8.2648E-05 (239)	7.5305E-05 (239)	7.8393E-05 (286)	7.9168E-05 (286)
29	8.9435E-05 (238)	9.3381E-05 (238)	9.1239E-05 (238)	9.1323E-05 (239)	8.6640E-05 (239)
30	6.8733E-05 (202)	7.5313E-05 (202)	7.6538E-05 (202)	7.4676E-05 (202)	7.1178E-05 (202)
31	5.1088E-05 (112)	5.8752E-05 (112)	6.3285E-05 (322)	6.4991E-05 (322)	6.4864E-05 (65)
32	9.2367E-05 (217)	9.3554E-05 (224)	8.7131E-05 (322)	8.6197E-05 (322)	8.3046E-05 (322)
33	1.1000E-04 (217)	1.0767E-04 (217)	1.0056E-04 (217)	9.1950E-05 (217)	8.3449E-05 (217)
34	7.8165E-05 (202)	8.2659E-05 (202)	8.1840E-05 (202)	7.8224E-05 (202)	7.3371E-05 (202)
35	7.4107E-05 (217)	7.0782E-05 (163)	7.3171E-05 (163)	6.8245E-05 (163)	6.5069E-05 (177)
36	7.5963E-05 (160)	7.3489E-05 (163)	6.6543E-05 (163)	6.3081E-05 (194)	6.2822E-05 (194)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MM3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 7.2383E-04 DIRECTION= 5 DISTANCE= 4.0 KM DAY=182 TIME PERIOD= 4

YEAR= 73

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	3.3407E-04 (160, 4)	3.0475E-04 (39, 4)	3.5056E-04 (39, 4)	3.6805E-04 (226, 4)	3.3621E-04 (226, 4)
2	4.0946E-04 (157, 5)	4.1483E-04 (151, 4)	4.0272E-04 (71, 5)	4.4809E-04 (71, 5)	4.6839E-04 (71, 5)
3	4.9122E-04 (269, 5)	5.4601E-04 (269, 5)	4.9120E-04 (151, 5)	4.4262E-04 (123, 4)	4.4495E-04 (123, 4)
4	4.8747E-04 (182, 4)	4.4928E-04 (182, 4)	4.1145E-04 (182, 4)	4.1269E-04 (194, 4)	4.1907E-04 (194, 4)
5	6.3429E-04 (192, 4)	6.8925E-04 (313, 4)	7.2383E-04 (182, 4)	6.7343E-04 (182, 4)	6.2681E-04 (182, 4)
6	5.2202E-04 (192, 4)	5.6129E-04 (209, 4)	5.6125E-04 (309, 4)	5.6232E-04 (309, 4)	5.4589E-04 (309, 4)
7	6.3641E-04 (210, 5)	6.0850E-04 (209, 4)	5.6106E-04 (209, 4)	5.1059E-04 (209, 4)	4.7490E-04 (219, 4)
8	6.9878E-04 (185, 4)	6.8055E-04 (185, 4)	6.3445E-04 (185, 4)	5.8211E-04 (185, 4)	5.3259E-04 (185, 4)
9	5.6764E-04 (152, 4)	5.4981E-04 (152, 4)	5.3161E-04 (167, 5)	6.0402E-04 (66, 5)	5.7722E-04 (132, 5)
10	4.7129E-04 (140, 4)	4.8280E-04 (140, 4)	4.7253E-04 (196, 5)	4.6329E-04 (208, 4)	4.3449E-04 (196, 5)
11	4.0402E-04 (235, 6)	4.9223E-04 (235, 6)	5.3795E-04 (235, 6)	5.4059E-04 (208, 4)	4.9241E-04 (208, 4)
12	3.4855E-04 (135, 3)	3.9977E-04 (135, 3)	3.9386E-04 (100, 4)	3.8119E-04 (100, 4)	3.8107E-04 (135, 3)
13	2.5633E-04 (103, 5)	2.4734E-04 (103, 5)	2.6709E-04 (135, 3)	2.7637E-04 (135, 3)	2.7579E-04 (135, 3)
14	3.5205E-04 (103, 5)	3.5115E-04 (175, 5)	3.8884E-04 (175, 5)	3.9956E-04 (175, 5)	3.9325E-04 (175, 5)
15	3.2444E-04 (103, 5)	3.3257E-04 (103, 5)	3.1712E-04 (47, 4)	3.5679E-04 (47, 4)	3.7835E-04 (47, 4)
16	2.8498E-04 (95, 5)	2.5899E-04 (95, 5)	2.2789E-04 (95, 5)	2.5255E-04 (188, 4)	2.7375E-04 (124, 3)
17	3.0143E-04 (53, 4)	3.0718E-04 (119, 4)	2.7439E-04 (52, 4)	3.1779E-04 (52, 4)	3.4155E-04 (52, 4)
18	3.1991E-04 (190, 5)	3.7721E-04 (297, 5)	4.2404E-04 (103, 4)	4.2224E-04 (103, 4)	4.2619E-04 (14, 4)
19	3.3072E-04 (305, 4)	3.3385E-04 (305, 4)	3.7325E-04 (42, 5)	3.9623E-04 (42, 5)	3.9149E-04 (103, 4)
20	3.4967E-04 (305, 4)	3.7943E-04 (305, 4)	3.8024E-04 (305, 4)	3.7248E-04 (233, 5)	3.8761E-04 (133, 4)
21	5.0078E-04 (233, 5)	5.0771E-04 (305, 4)	4.9699E-04 (183, 4)	4.6669E-04 (221, 4)	4.3419E-04 (221, 4)
22	5.7491E-04 (78, 4)	6.0690E-04 (233, 4)	5.5508E-04 (233, 4)	4.9890E-04 (233, 4)	4.6212E-04 (125, 4)
23	5.1020E-04 (221, 5)	4.5804E-04 (221, 5)	4.0194E-04 (221, 5)	3.8010E-04 (102, 4)	4.0593E-04 (102, 4)
24	3.8001E-04 (191, 4)	3.6320E-04 (125, 3)	4.0755E-04 (310, 4)	4.2968E-04 (310, 4)	4.3444E-04 (310, 4)
25	3.8343E-04 (290, 4)	4.2629E-04 (290, 4)	4.4325E-04 (290, 4)	4.5910E-04 (59, 5)	4.5506E-04 (59, 5)
26	3.6851E-04 (154, 5)	3.6960E-04 (154, 3)	4.1745E-04 (82, 5)	4.5130E-04 (82, 5)	4.6475E-04 (154, 3)
27	4.0304E-04 (242, 5)	4.6198E-04 (242, 5)	4.2583E-04 (158, 4)	4.3297E-04 (317, 4)	4.3696E-04 (317, 4)
28	4.9895E-04 (238, 4)	5.1222E-04 (191, 3)	5.0253E-04 (191, 3)	4.7242E-04 (191, 3)	4.3739E-04 (191, 3)
29	3.5678E-04 (239, 5)	3.7813E-04 (249, 4)	4.4562E-04 (238, 3)	4.3736E-04 (238, 3)	4.1920E-04 (318, 4)
30	4.5520E-04 (222, 4)	4.9541E-04 (222, 4)	4.8037E-04 (171, 4)	4.6150E-04 (222, 4)	4.4973E-04 (121, 5)
31	4.0869E-04 (112, 4)	4.6979E-04 (112, 4)	4.8817E-04 (112, 4)	4.8083E-04 (112, 4)	4.6011E-04 (112, 4)
32	4.5943E-04 (269, 4)	4.6786E-04 (269, 4)	4.5705E-04 (269, 4)	5.1160E-04 (329, 4)	4.9644E-04 (157, 4)
33	5.6934E-04 (202, 5)	5.4462E-04 (202, 5)	4.9325E-04 (202, 5)	4.6384E-04 (274, 4)	4.7852E-04 (274, 4)
34	4.7022E-04 (217, 3)	4.7238E-04 (217, 3)	4.4535E-04 (123, 3)	4.6727E-04 (217, 4)	4.3109E-04 (217, 4)
35	3.9921E-04 (217, 3)	3.9862E-04 (217, 3)	3.7253E-04 (217, 3)	3.4012E-04 (217, 3)	3.3637E-04 (115, 4)
36	4.2144E-04 (226, 4)	4.2545E-04 (226, 4)	4.0081E-04 (226, 4)	3.6796E-04 (226, 4)	3.3612E-04 (226, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.5942E-04 DIRECTION= 9 DISTANCE= 4.5 KM DAY=230

YEAR= 74

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	6.9747E-05 (242)	6.7759E-05 (228)	6.5608E-05 (228)	6.1225E-05 (228)	5.6481E-05 (228)
2	6.1252E-05 (127)	7.2338E-05 (127)	7.7307E-05 (127)	7.6674E-05 (207)	6.9949E-05 (207)
3	6.6482E-05 (152)	6.2687E-05 (166)	5.9442E-05 (166)	5.4377E-05 (166)	4.9880E-05 (207)
4	7.4151E-05 (158)	7.2523E-05 (90)	7.8080E-05 (90)	7.9829E-05 (90)	7.9518E-05 (90)
5	8.0321E-05 (234)	7.8755E-05 (188)	7.4838E-05 (157)	7.7901E-05 (158)	7.1142E-05 (158)
6	1.0967E-04 (151)	1.0437E-04 (151)	9.4525E-05 (151)	8.4664E-05 (129)	7.5288E-05 (129)
7	1.1209E-04 (200)	1.1141E-04 (200)	1.0483E-04 (200)	9.6437E-05 (200)	8.8243E-05 (200)
8	9.8210E-05 (196)	9.7298E-05 (196)	9.0353E-05 (196)	8.7298E-05 (163)	8.9145E-05 (163)
9	1.1254E-04 (173)	1.4061E-04 (230)	1.5529E-04 (230)	1.5942E-04 (230)	1.5695E-04 (230)
10	9.1015E-05 (121)	1.0066E-04 (121)	1.0529E-04 (192)	1.0445E-04 (192)	1.0047E-04 (192)
11	7.6319E-05 (223)	7.8446E-05 (200)	8.1174E-05 (200)	8.0093E-05 (200)	7.6800E-05 (200)
12	5.5820E-05 (223)	6.0480E-05 (200)	6.6657E-05 (200)	6.8600E-05 (200)	6.7765E-05 (200)
13	4.7300E-05 (167)	4.8208E-05 (167)	4.2790E-05 (211)	3.8517E-05 (211)	3.5070E-05 (211)
14	3.3775E-05 (211)	2.8966E-05 (211)	2.8133E-05 (222)	3.1542E-05 (222)	3.3045E-05 (222)
15	2.8041E-05 (96)	3.5173E-05 (99)	3.5301E-05 (265)	3.2985E-05 (364)	3.6291E-05 (197)
16	5.6380E-05 (282)	5.7401E-05 (282)	6.3650E-05 (291)	7.0842E-05 (291)	7.4046E-05 (291)
17	5.1645E-05 (338)	5.2570E-05 (282)	5.0991E-05 (282)	4.7341E-05 (282)	4.3080E-05 (282)
18	5.8481E-05 (108)	6.0430E-05 (108)	5.8231E-05 (108)	5.9828E-05 (332)	6.0066E-05 (332)
19	4.0664E-05 (311)	4.5828E-05 (311)	4.9567E-05 (121)	5.3604E-05 (122)	5.0215E-05 (332)
20	5.8618E-05 (273)	6.4342E-05 (273)	6.4953E-05 (273)	6.5120E-05 (281)	6.4874E-05 (281)
21	5.9502E-05 (264)	6.7342E-05 (264)	7.1915E-05 (264)	7.3577E-05 (264)	7.5903E-05 (263)
22	6.7266E-05 (169)	7.2300E-05 (169)	7.0926E-05 (169)	6.6767E-05 (169)	6.1857E-05 (169)
23	6.9408E-05 (306)	8.2487E-05 (306)	8.4101E-05 (171)	8.4572E-05 (298)	8.5557E-05 (298)
24	8.6339E-05 (306)	1.0109E-04 (284)	1.2270E-04 (284)	1.3501E-04 (284)	1.3420E-04 (286)
25	9.0647E-05 (110)	1.0606E-04 (305)	1.0614E-04 (305)	1.0270E-04 (305)	9.7814E-05 (305)
26	1.1747E-04 (305)	1.1279E-04 (110)	1.0423E-04 (110)	9.4768E-05 (110)	9.0631E-05 (171)
27	1.1885E-04 (110)	1.1776E-04 (110)	1.1185E-04 (110)	1.1175E-04 (116)	1.0232E-04 (116)
28	8.8547E-05 (172)	8.8647E-05 (172)	8.5445E-05 (172)	8.0483E-05 (172)	7.3148E-05 (116)
29	5.6108E-05 (164)	5.5872E-05 (225)	6.9983E-05 (225)	7.8627E-05 (225)	8.2747E-05 (225)
30	6.7153E-05 (243)	7.0553E-05 (221)	6.5563E-05 (243)	6.7272E-05 (243)	6.8996E-05 (243)
31	8.1339E-05 (136)	8.3085E-05 (237)	8.2764E-05 (219)	9.0232E-05 (219)	8.8416E-05 (215)
32	7.3938E-05 (207)	7.6846E-05 (207)	7.6559E-05 (64)	7.8795E-05 (63)	7.8378E-05 (63)
33	9.2652E-05 (97)	8.8060E-05 (207)	8.6061E-05 (207)	8.1153E-05 (207)	7.5379E-05 (97)
34	7.7395E-05 (199)	7.8335E-05 (199)	7.6648E-05 (236)	7.3389E-05 (236)	6.8787E-05 (236)
35	7.9499E-05 (242)	7.4566E-05 (221)	6.8806E-05 (221)	6.2439E-05 (221)	5.8364E-05 (164)
36	6.6455E-05 (221)	6.2813E-05 (221)	6.5420E-05 (210)	5.9021E-05 (242)	5.6718E-05 (33)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 6.6398E-04 DIRECTION= 24 DISTANCE= 4.5 KM DAY=306 TIME PERIOD= 4

YEAR= 74

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	4.3629E-04 (158, 3)	4.7426E-04 (158, 3)	4.6756E-04 (158, 3)	4.4964E-04 (98, 5)	4.2797E-04 (98, 5)
2	4.3969E-04 (310, 4)	4.5228E-04 (310, 4)	4.2848E-04 (127, 4)	4.2407E-04 (127, 4)	4.0864E-04 (127, 4)
3	3.2536E-04 (250, 5)	3.7320E-04 (103, 5)	3.2975E-04 (207, 4)	3.0752E-04 (250, 5)	2.8744E-04 (250, 5)
4	5.4044E-04 (158, 5)	5.7667E-04 (90, 5)	6.1387E-04 (90, 5)	5.8493E-04 (229, 4)	5.4519E-04 (229, 4)
5	6.2920E-04 (188, 4)	5.8726E-04 (234, 5)	5.1659E-04 (234, 5)	5.2432E-04 (157, 4)	4.9437E-04 (188, 4)
6	6.2022E-04 (188, 4)	6.3255E-04 (188, 4)	6.0339E-04 (188, 4)	5.5677E-04 (200, 4)	5.1263E-04 (188, 4)
7	4.8642E-04 (200, 3)	5.2155E-04 (200, 3)	5.0945E-04 (200, 3)	4.7777E-04 (200, 3)	4.4181E-04 (200, 3)
8	5.8383E-04 (148, 4)	5.6106E-04 (148, 4)	5.0950E-04 (148, 4)	4.9038E-04 (145, 4)	4.8830E-04 (145, 4)
9	6.0236E-04 (243, 5)	6.1342E-04 (151, 4)	5.9678E-04 (173, 4)	5.5928E-04 (64, 5)	5.6960E-04 (176, 5)
10	5.1083E-04 (223, 4)	4.8751E-04 (247, 5)	5.1400E-04 (197, 6)	5.2270E-04 (211, 5)	5.1426E-04 (211, 5)
11	4.6214E-04 (167, 5)	4.8829E-04 (223, 4)	4.3371E-04 (223, 4)	3.9338E-04 (200, 5)	3.9654E-04 (228, 6)
12	3.2518E-04 (195, 5)	3.1882E-04 (196, 6)	3.3875E-04 (167, 5)	3.0686E-04 (167, 5)	3.0000E-04 (228, 6)
13	3.0835E-04 (237, 5)	2.8144E-04 (237, 5)	2.5733E-04 (99, 5)	2.5774E-04 (99, 5)	2.5591E-04 (257, 6)
14	2.1790E-04 (99, 5)	2.3112E-04 (211, 4)	2.0232E-04 (211, 4)	2.1321E-04 (99, 4)	2.1599E-04 (99, 4)
15	2.2017E-04 (364, 5)	2.5718E-04 (364, 5)	2.6726E-04 (364, 5)	2.5621E-04 (265, 5)	2.5496E-04 (364, 5)
16	3.0596E-04 (282, 4)	2.9706E-04 (282, 4)	2.7208E-04 (282, 4)	2.4777E-04 (162, 4)	2.5703E-04 (338, 4)
17	2.7177E-04 (41, 5)	2.8053E-04 (338, 4)	3.5324E-04 (338, 4)	3.3647E-04 (234, 4)	3.0716E-04 (234, 4)
18	3.3139E-04 (234, 4)	3.1866E-04 (332, 4)	3.6735E-04 (332, 4)	3.8839E-04 (332, 4)	3.9038E-04 (332, 4)
19	2.5645E-04 (108, 5)	2.8079E-04 (121, 4)	3.4719E-04 (121, 4)	3.8146E-04 (121, 4)	3.9121E-04 (121, 4)
20	3.7069E-04 (273, 4)	3.8989E-04 (114, 4)	3.8934E-04 (114, 4)	3.7658E-04 (114, 4)	3.5830E-04 (282, 5)
21	4.2252E-04 (281, 4)	4.6887E-04 (273, 4)	4.8785E-04 (265, 4)	4.8519E-04 (281, 4)	4.8902E-04 (263, 5)
22	3.8576E-04 (169, 3)	4.2470E-04 (169, 3)	4.2228E-04 (169, 3)	4.3364E-04 (254, 6)	4.4278E-04 (254, 6)
23	3.7997E-04 (190, 4)	4.1453E-04 (171, 6)	4.1428E-04 (344, 4)	4.2248E-04 (171, 6)	4.0745E-04 (171, 6)
24	5.5944E-04 (286, 5)	5.6677E-04 (297, 4)	6.5896E-04 (297, 4)	6.6398E-04 (306, 4)	6.3882E-04 (284, 4)
25	5.6672E-04 (110, 5)	5.9299E-04 (110, 5)	5.5068E-04 (286, 5)	5.2942E-04 (305, 4)	5.1428E-04 (305, 4)
26	5.2968E-04 (180, 4)	4.7088E-04 (110, 4)	4.1124E-04 (180, 4)	3.8653E-04 (51, 4)	3.7418E-04 (51, 4)
27	6.1200E-04 (170, 4)	6.6012E-04 (170, 4)	6.5400E-04 (170, 4)	6.0156E-04 (110, 4)	5.3695E-04 (110, 4)
28	4.6355E-04 (221, 4)	4.2298E-04 (221, 4)	3.8528E-04 (43, 4)	3.7802E-04 (43, 4)	3.6769E-04 (195, 3)
29	4.4884E-04 (164, 4)	4.1605E-04 (227, 4)	4.0045E-04 (227, 4)	3.8272E-04 (225, 4)	4.0405E-04 (225, 4)
30	5.0541E-04 (243, 4)	5.2795E-04 (238, 4)	5.0695E-04 (221, 4)	4.5764E-04 (221, 4)	4.1529E-04 (221, 4)
31	5.8105E-04 (243, 4)	5.5163E-04 (243, 4)	5.2668E-04 (238, 4)	4.9591E-04 (237, 4)	4.8289E-04 (238, 4)
32	4.9100E-04 (243, 4)	5.3036E-04 (65, 4)	6.1248E-04 (64, 4)	6.0169E-04 (64, 4)	5.7770E-04 (64, 4)
33	4.2582E-04 (207, 3)	4.6531E-04 (207, 3)	4.6047E-04 (207, 3)	4.5921E-04 (135, 3)	4.8365E-04 (135, 3)
34	4.9561E-04 (159, 4)	5.3381E-04 (159, 4)	5.3943E-04 (159, 4)	5.0614E-04 (199, 4)	4.5219E-04 (199, 4)
35	5.0059E-04 (221, 3)	4.5149E-04 (159, 5)	4.2882E-04 (236, 5)	4.0323E-04 (236, 5)	3.8768E-04 (321, 5)
36	4.1020E-04 (210, 4)	4.4472E-04 (144, 3)	4.3157E-04 (144, 3)	4.1998E-04 (33, 4)	4.4863E-04 (33, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAA3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.3625E-04 DIRECTION= 27 DISTANCE= 3.5 KM DAY=248

YEAR= 75

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
DIR					
1	7.0605E-05 (120)	6.8192E-05 (120)	6.2971E-05 (66)	6.3594E-05 (66)	6.2023E-05 (66)
2	9.7372E-05 (92)	9.6765E-05 (92)	9.2000E-05 (92)	9.0245E-05 (91)	8.7301E-05 (91)
3	7.6826E-05 (118)	8.6257E-05 (135)	9.9458E-05 (118)	9.9729E-05 (118)	9.6323E-05 (118)
4	8.7275E-05 (122)	8.7616E-05 (161)	8.6168E-05 (24)	8.9035E-05 (24)	8.8260E-05 (24)
5	9.1546E-05 (137)	1.1044E-04 (137)	1.0843E-04 (161)	9.9775E-05 (161)	9.1021E-05 (161)
6	9.1884E-05 (146)	8.6015E-05 (146)	7.6785E-05 (146)	6.7244E-05 (146)	6.1993E-05 (137)
7	1.1804E-04 (178)	1.1259E-04 (178)	1.0305E-04 (178)	9.2690E-05 (178)	8.2870E-05 (178)
8	1.1116E-04 (189)	1.1602E-04 (185)	1.0889E-04 (185)	9.9928E-05 (185)	9.1023E-05 (185)
9	1.3275E-04 (179)	1.3458E-04 (179)	1.2861E-04 (179)	1.2407E-04 (189)	1.2076E-04 (189)
10	1.0049E-04 (179)	9.6618E-05 (179)	9.3943E-05 (156)	8.7502E-05 (166)	7.9120E-05 (166)
11	6.4917E-05 (140)	6.1800E-05 (140)	6.2589E-05 (166)	6.2780E-05 (170)	6.2719E-05 (170)
12	4.4826E-05 (231)	4.6288E-05 (231)	4.5193E-05 (231)	4.5620E-05 (224)	4.8817E-05 (224)
13	7.3634E-05 (244)	8.1430E-05 (226)	7.7699E-05 (226)	7.5546E-05 (230)	7.5265E-05 (230)
14	6.4249E-05 (244)	7.1421E-05 (244)	7.2697E-05 (244)	7.0822E-05 (244)	6.7452E-05 (244)
15	5.0331E-05 (244)	5.4853E-05 (177)	4.8848E-05 (177)	4.4108E-05 (177)	4.1030E-05 (226)
16	5.3330E-05 (95)	5.8820E-05 (95)	6.0689E-05 (95)	6.0072E-05 (244)	5.5598E-05 (244)
17	4.4393E-05 (105)	5.5424E-05 (105)	6.0925E-05 (105)	6.2387E-05 (105)	6.1312E-05 (105)
18	3.7296E-05 (95)	4.5438E-05 (79)	5.0289E-05 (79)	5.1138E-05 (79)	4.9772E-05 (96)
19	3.5636E-05 (94)	3.6808E-05 (94)	3.3743E-05 (143)	2.9985E-05 (300)	2.9729E-05 (300)
20	5.1794E-05 (94)	6.8635E-05 (293)	6.5724E-05 (106)	6.1379E-05 (106)	5.7508E-05 (303)
21	6.2275E-05 (106)	6.3294E-05 (14)	7.1344E-05 (14)	7.5251E-05 (14)	7.6210E-05 (14)
22	7.9478E-05 (141)	9.1520E-05 (176)	9.4029E-05 (176)	9.5974E-05 (176)	9.6988E-05 (176)
23	6.6126E-05 (181)	7.9402E-05 (85)	8.9923E-05 (85)	9.1943E-05 (175)	8.9795E-05 (175)
24	5.4348E-05 (247)	5.6496E-05 (142)	6.0378E-05 (236)	6.1212E-05 (285)	6.3534E-05 (285)
25	7.3772E-05 (250)	7.1914E-05 (97)	7.8996E-05 (142)	8.2677E-05 (142)	8.2835E-05 (142)
26	9.4964E-05 (116)	1.0085E-04 (253)	1.1700E-04 (253)	1.1609E-04 (247)	1.0847E-04 (247)
27	1.3096E-04 (248)	1.3625E-04 (248)	1.3414E-04 (248)	1.2807E-04 (248)	1.2024E-04 (248)
28	9.1508E-05 (250)	9.5981E-05 (250)	9.3528E-05 (184)	8.2256E-05 (184)	7.6516E-05 (330)
29	7.7928E-05 (250)	7.6186E-05 (250)	7.1159E-05 (251)	7.1595E-05 (251)	6.9732E-05 (251)
30	8.6914E-05 (219)	9.4956E-05 (219)	9.7442E-05 (217)	9.1353E-05 (217)	8.5350E-05 (217)
31	5.6947E-05 (114)	5.1380E-05 (114)	5.6803E-05 (222)	6.4029E-05 (222)	6.8410E-05 (222)
32	7.3283E-05 (258)	7.2734E-05 (258)	7.7500E-05 (161)	8.3925E-05 (161)	8.7369E-05 (161)
33	7.8400E-05 (242)	7.4635E-05 (218)	7.4812E-05 (242)	7.2336E-05 (242)	6.9569E-05 (242)
34	7.3558E-05 (216)	7.4496E-05 (216)	7.0453E-05 (216)	6.4755E-05 (216)	5.9165E-05 (198)
35	6.1325E-05 (147)	6.1326E-05 (147)	5.8339E-05 (169)	5.9211E-05 (169)	5.7867E-05 (169)
36	5.4554E-05 (205)	5.6417E-05 (205)	5.4371E-05 (249)	5.9993E-05 (201)	6.5587E-05 (201)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 6.7941E-04 DIRECTION= 9 DISTANCE= 3.5 KM DAY=225 TIME PERIOD= 4

YEAR= 75

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
DIR					
1	6.1284E-04 (120, 4)	5.4554E-04 (120, 4)	4.7716E-04 (82, 4)	4.9022E-04 (99, 5)	4.3368E-04 (99, 5)
2	4.5740E-04 (92, 5)	5.1483E-04 (91, 5)	5.5054E-04 (91, 5)	5.5212E-04 (91, 5)	5.3387E-04 (91, 5)
3	5.1020E-04 (216, 5)	5.4717E-04 (216, 5)	5.3217E-04 (203, 4)	4.9273E-04 (203, 4)	4.7951E-04 (100, 5)
4	4.1191E-04 (122, 4)	4.9006E-04 (109, 5)	5.1756E-04 (203, 4)	4.7663E-04 (203, 4)	4.5136E-04 (130, 5)
5	6.2327E-04 (132, 4)	5.5622E-04 (132, 4)	5.0258E-04 (137, 4)	4.9766E-04 (229, 4)	5.0126E-04 (137, 4)
6	6.2800E-04 (146, 4)	5.8787E-04 (146, 4)	5.2507E-04 (146, 4)	4.6030E-04 (146, 4)	4.0135E-04 (146, 4)
7	5.9195E-04 (181, 5)	5.7183E-04 (181, 5)	5.4186E-04 (181, 5)	5.6759E-04 (80, 5)	5.7415E-04 (80, 5)
8	6.0330E-04 (185, 4)	5.5222E-04 (185, 4)	4.9511E-04 (185, 4)	4.4144E-04 (185, 4)	4.1170E-04 (299, 4)
9	6.6361E-04 (166, 5)	6.7941E-04 (225, 4)	6.3100E-04 (227, 5)	5.6999E-04 (227, 5)	5.1866E-04 (179, 4)
10	4.6923E-04 (180, 4)	4.4113E-04 (179, 5)	4.3472E-04 (115, 5)	4.2540E-04 (134, 6)	4.2798E-04 (134, 6)
11	3.9212E-04 (126, 5)	4.1015E-04 (126, 5)	3.8149E-04 (177, 5)	3.8875E-04 (126, 5)	3.6502E-04 (126, 5)
12	2.8802E-04 (177, 5)	3.2327E-04 (140, 6)	3.3866E-04 (140, 6)	3.3691E-04 (140, 6)	3.2532E-04 (140, 6)
13	3.3815E-04 (226, 4)	3.6571E-04 (226, 4)	3.6298E-04 (226, 4)	3.4747E-04 (226, 4)	3.5483E-04 (291, 4)
14	3.7639E-04 (244, 5)	4.2420E-04 (244, 5)	4.3734E-04 (244, 5)	4.3076E-04 (244, 5)	4.1405E-04 (244, 5)
15	3.0578E-04 (297, 4)	2.9954E-04 (297, 4)	3.0021E-04 (244, 4)	2.9383E-04 (244, 4)	3.2102E-04 (243, 5)
16	3.4752E-04 (177, 4)	3.0442E-04 (144, 4)	2.9053E-04 (65, 4)	2.8372E-04 (65, 4)	2.7257E-04 (65, 4)
17	3.1847E-04 (144, 4)	4.0098E-04 (95, 4)	3.9840E-04 (95, 4)	4.0524E-04 (328, 4)	4.1213E-04 (328, 4)
18	2.8054E-04 (79, 4)	3.1203E-04 (143, 6)	2.9343E-04 (143, 6)	3.1949E-04 (185, 4)	3.3292E-04 (185, 4)
19	1.9987E-04 (143, 4)	2.0377E-04 (65, 4)	2.3125E-04 (300, 4)	2.3988E-04 (300, 4)	2.3784E-04 (300, 4)
20	3.3193E-04 (94, 4)	3.3892E-04 (65, 4)	3.5657E-04 (65, 4)	3.5324E-04 (65, 4)	3.7759E-04 (57, 4)
21	4.5293E-04 (176, 4)	4.7463E-04 (56, 4)	5.0540E-04 (56, 4)	5.1237E-04 (56, 4)	5.0492E-04 (56, 4)
22	3.8537E-04 (141, 4)	4.1556E-04 (141, 4)	4.1429E-04 (141, 4)	3.9627E-04 (141, 4)	3.7089E-04 (141, 4)
23	5.1058E-04 (176, 4)	4.7155E-04 (85, 5)	5.3475E-04 (85, 5)	5.5927E-04 (85, 5)	5.5782E-04 (85, 5)
24	4.2203E-04 (247, 5)	4.0877E-04 (247, 5)	3.7187E-04 (247, 5)	3.7025E-04 (175, 4)	3.7649E-04 (285, 5)
25	5.8633E-04 (97, 4)	5.7497E-04 (97, 4)	5.3151E-04 (97, 4)	4.8650E-04 (112, 3)	4.8042E-04 (276, 4)
26	5.7695E-04 (247, 4)	5.4538E-04 (247, 4)	4.9134E-04 (247, 4)	4.7848E-04 (142, 4)	4.5933E-04 (286, 5)
27	5.5496E-04 (248, 5)	5.1597E-04 (248, 5)	5.2903E-04 (284, 4)	5.2689E-04 (284, 4)	5.1043E-04 (284, 4)
28	3.8576E-04 (286, 4)	4.1410E-04 (286, 4)	4.1187E-04 (286, 4)	4.0750E-04 (184, 4)	4.1873E-04 (320, 5)
29	4.6782E-04 (132, 3)	4.5482E-04 (217, 4)	3.9917E-04 (217, 4)	4.2262E-04 (217, 3)	4.7803E-04 (217, 3)
30	6.0459E-04 (219, 4)	6.1591E-04 (219, 4)	6.1037E-04 (219, 4)	5.6514E-04 (217, 4)	5.0383E-04 (217, 4)
31	3.8757E-04 (217, 4)	3.8811E-04 (35, 4)	4.1669E-04 (222, 5)	4.5261E-04 (127, 3)	4.8872E-04 (168, 3)
32	4.8059E-04 (274, 4)	5.0224E-04 (242, 4)	5.1876E-04 (130, 4)	5.6732E-04 (130, 4)	5.7843E-04 (274, 4)
33	5.9719E-04 (242, 4)	5.6591E-04 (170, 4)	5.2074E-04 (242, 4)	4.8209E-04 (242, 4)	4.4593E-04 (242, 4)
34	5.5155E-04 (216, 4)	5.4738E-04 (216, 4)	5.1013E-04 (216, 4)	4.6446E-04 (216, 4)	4.2077E-04 (216, 4)
35	3.7223E-04 (260, 4)	3.7703E-04 (260, 4)	3.6290E-04 (260, 4)	3.4003E-04 (260, 4)	3.3990E-04 (136, 4)
36	4.0757E-04 (120, 4)	3.5743E-04 (120, 4)	4.2191E-04 (202, 4)	4.0218E-04 (205, 4)	3.7016E-04 (205, 4)

COMPOSITE HIGHEST,SECOND-HIGHEST 24-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	77	68	76	81	81
2	97	97	92	92	93
3	84	86	99	100	96
4	87	88	86	89	88
5	119	121	129	125	115
6	111	115	116	115	113
7	127	125	118	108	98
8	124	120	111	104	102
9	154	160	156	161	162
10	135	134	127	124	123
11	76	78	81	80	77
12	63	77	89	93	82
13	74	81	78	76	75
14	64	71	73	71	67
15	56	55	55	58	61
16	56	59	64	71	74
17	52	55	61	62	61
18	58	64	70	72	72
19	52	50	52	55	52
20	77	75	68	65	65
21	110	104	106	106	108
22	89	92	94	96	97
23	102	99	93	92	90
24	89	101	123	135	134
25	91	106	106	103	108
26	117	113	117	116	115
27	131	136	134	128	120
28	92	97	101	100	97
29	89	93	91	91	87
30	87	95	97	91	85
31	81	83	83	90	88
32	92	94	87	86	87
33	110	108	101	92	89
34	78	90	104	101	95
35	94	90	83	75	67
36	105	100	93	85	78

COMPOSITE HIGHEST, SECOND-HIGHEST 3-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	613.	546.	477.	490.	459.
2	457.	515.	551.	552.	534.
3	550.	547.	532.	493.	480.
4	540.	577.	614.	585.	545.
5	634.	689.	724.	673.	627.
6	628.	633.	603.	562.	546.
7	636.	608.	609.	579.	574.
8	699.	681.	634.	582.	533.
9	777.	835.	830.	812.	788.
10	674.	654.	624.	634.	596.
11	462.	492.	538.	541.	492.
12	474.	415.	470.	456.	430.
13	338.	366.	363.	365.	368.
14	376.	424.	437.	431.	414.
15	324.	373.	412.	427.	423.
16	376.	353.	412.	432.	422.
17	318.	401.	398.	405.	412.
18	331.	377.	424.	422.	426.
19	331.	334.	373.	396.	391.
20	371.	390.	389.	377.	388.
21	561.	508.	505.	512.	505.
22	575.	607.	555.	499.	462.
23	516.	472.	535.	559.	558.
24	559.	567.	659.	664.	639.
25	586.	593.	551.	529.	514.
26	577.	545.	491.	478.	465.
27	612.	660.	654.	602.	537.
28	512.	526.	528.	509.	510.
29	501.	464.	446.	437.	478.
30	605.	616.	610.	565.	504.
31	581.	552.	527.	496.	489.
32	491.	530.	612.	602.	578.
33	597.	573.	572.	592.	573.
34	552.	547.	573.	579.	561.
35	644.	584.	511.	443.	388.
36	587.	582.	548.	508.	489.

RING DISTANCES(KM)= 5.50 6.00 7.00 29.80 53.20

STACK # 1--TECO 182 75% 31.5T/H SO2
STACK # 2--TECO 384 75% 31.5T/H SO2

STACK	MONTH	EMISSION RATE (GMS/SEC)	HEIGHT (METERS)	DIAMETER (METERS)	EXIT VELOCITY (M/SEC)	TEMP (DEG.K)	VOLUMETRIC FLOW (M**3/SEC)
1	ALL	3930.8201	149.40	7.32	22.90	412.00	963.71
2	ALL	2548.7600	149.40	7.32	27.10	365.00	1140.46

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.2736E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=256

YEAR= 71

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	5.1948E-05 (113)	4.9779E-05 (113)	4.5972E-05 (113)	3.7843E-05 (58)	2.0615E-05 (113)
2	8.3316E-05 (331)	8.1079E-05 (331)	7.5059E-05 (331)	4.8278E-05 (30)	2.5799E-05 (30)
3	7.3350E-05 (205)	6.9350E-05 (205)	6.1293E-05 (205)	2.6794E-05 (354)	1.7442E-05 (111)
4	6.3109E-05 (234)	6.1656E-05 (127)	5.6710E-05 (127)	2.2080E-05 (205)	1.1909E-05 (180)
5	6.1762E-05 (234)	5.8988E-05 (219)	5.5440E-05 (178)	2.6133E-05 (112)	1.6872E-05 (92)
6	5.7678E-05 (206)	5.1103E-05 (206)	4.2288E-05 (126)	4.5156E-05 (175)	2.4450E-05 (118)
7	7.4514E-05 (280)	7.1673E-05 (224)	6.4945E-05 (224)	3.0004E-05 (201)	1.6553E-05 (117)
8	7.4076E-05 (139)	6.9098E-05 (139)	5.9657E-05 (139)	3.1020E-05 (167)	2.0624E-05 (256)
9	1.2736E-04 (256)	1.2209E-04 (167)	1.1392E-04 (167)	7.0547E-05 (167)	3.5979E-05 (166)
10	8.9013E-05 (161)	8.6561E-05 (161)	8.0156E-05 (161)	4.4331E-05 (195)	2.5845E-05 (195)
11	6.8035E-05 (196)	6.4949E-05 (196)	5.8313E-05 (197)	3.6277E-05 (183)	1.6824E-05 (183)
12	7.3558E-05 (198)	6.6123E-05 (198)	5.4760E-05 (198)	4.7318E-05 (123)	2.3536E-05 (44)
13	5.9909E-05 (141)	5.6694E-05 (141)	5.1139E-05 (123)	2.6987E-05 (97)	1.7632E-05 (220)
14	5.2814E-05 (222)	5.0328E-05 (222)	4.5145E-05 (199)	3.2266E-05 (63)	1.9495E-05 (66)
15	6.1040E-05 (221)	5.9687E-05 (221)	5.4743E-05 (221)	3.7147E-05 (121)	1.8600E-05 (299)
16	5.6493E-05 (124)	5.4922E-05 (124)	5.0687E-05 (124)	3.3316E-05 (121)	1.8903E-05 (76)
17	4.1001E-05 (169)	4.0406E-05 (100)	4.2459E-05 (100)	2.1747E-05 (19)	1.1759E-05 (67)
18	6.2656E-05 (316)	5.8957E-05 (124)	5.0796E-05 (124)	2.6394E-05 (89)	1.7298E-05 (89)
19	4.3957E-05 (316)	4.2989E-05 (316)	3.7986E-05 (99)	3.2618E-05 (67)	1.9766E-05 (314)
20	3.3424E-05 (46)	3.1257E-05 (46)	2.7444E-05 (46)	2.0651E-05 (19)	1.3898E-05 (329)
21	6.5063E-05 (326)	6.6101E-05 (326)	6.1820E-05 (312)	3.9551E-05 (356)	2.6352E-05 (308)
22	6.4120E-05 (47)	5.9794E-05 (47)	5.2351E-05 (47)	3.9516E-05 (356)	2.4129E-05 (301)
23	6.6457E-05 (272)	6.3345E-05 (272)	5.6571E-05 (271)	5.9650E-05 (292)	3.2786E-05 (292)
24	8.0962E-05 (156)	7.4239E-05 (156)	6.3342E-05 (156)	4.6168E-05 (352)	3.8751E-05 (319)
25	6.6763E-05 (285)	6.3951E-05 (285)	5.7565E-05 (285)	3.6801E-05 (335)	2.4087E-05 (156)
26	6.1965E-05 (48)	6.2965E-05 (48)	5.9053E-05 (267)	4.5283E-05 (33)	2.6348E-05 (33)
27	1.0749E-04 (190)	1.0290E-04 (101)	9.0998E-05 (101)	4.1591E-05 (190)	2.7010E-05 (49)
28	9.2951E-05 (101)	8.7970E-05 (101)	7.7894E-05 (101)	3.5191E-05 (327)	2.4672E-05 (244)
29	8.3333E-05 (247)	8.1997E-05 (247)	7.3504E-05 (214)	3.7542E-05 (231)	2.5678E-05 (231)
30	8.0318E-05 (210)	7.9800E-05 (210)	7.5695E-05 (210)	4.1841E-05 (3)	3.2735E-05 (162)
31	5.7442E-05 (243)	5.6159E-05 (243)	5.1744E-05 (243)	3.2583E-05 (209)	2.3894E-05 (261)
32	7.6526E-05 (2)	7.1959E-05 (2)	6.3538E-05 (2)	2.7676E-05 (345)	1.5910E-05 (328)
33	9.0412E-05 (363)	8.8384E-05 (91)	7.8237E-05 (91)	3.8567E-05 (227)	2.8777E-05 (205)
34	8.8970E-05 (259)	8.2675E-05 (259)	7.1504E-05 (259)	2.6910E-05 (187)	1.7709E-05 (59)
35	6.2124E-05 (229)	5.8175E-05 (229)	5.1209E-05 (229)	1.7623E-05 (260)	1.5247E-05 (255)
36	7.1230E-05 (260)	6.6201E-05 (179)	6.5331E-05 (179)	3.2788E-05 (58)	2.2988E-05 (229)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 6.2469E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=238 TIME PERIOD= 5

YEAR= 71

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	3.0319E-04 (296, 4)	2.8347E-04 (296, 4)	2.6475E-04 (193, 5)	1.7622E-04 (62, 3)	1.1123E-04 (38, 5)
2	4.4210E-04 (331, 4)	4.4027E-04 (25, 4)	4.1171E-04 (25, 4)	1.7300E-04 (30, 6)	8.9328E-05 (30, 6)
3	3.9243E-04 (331, 4)	3.8806E-04 (331, 4)	3.6251E-04 (331, 4)	1.5710E-04 (331, 5)	8.1668E-05 (65, 6)
4	4.4987E-04 (234, 4)	4.1504E-04 (234, 4)	3.5979E-04 (234, 4)	1.4358E-04 (114, 1)	6.6944E-05 (116, 1)
5	4.4825E-04 (219, 6)	4.4427E-04 (219, 6)	4.1584E-04 (219, 6)	1.7208E-04 (205, 6)	8.0732E-05 (178, 3)
6	3.9363E-04 (200, 4)	3.5808E-04 (200, 4)	3.1691E-04 (279, 4)	1.3512E-04 (114, 3)	1.0903E-04 (60, 7)
7	4.2050E-04 (224, 4)	4.0581E-04 (224, 4)	3.8190E-04 (21, 5)	1.9601E-04 (114, 5)	9.1456E-05 (229, 6)
8	4.9350E-04 (232, 5)	4.8913E-04 (232, 5)	4.5671E-04 (232, 5)	1.3824E-04 (290, 5)	9.2620E-05 (344, 6)
9	6.2469E-04 (238, 5)	5.7808E-04 (238, 5)	5.3357E-04 (256, 4)	2.2083E-04 (200, 6)	1.1955E-04 (155, 7)
10	5.5509E-04 (204, 5)	5.1613E-04 (204, 5)	4.4726E-04 (204, 5)	2.1068E-04 (172, 6)	1.0980E-04 (172, 8)
11	3.5863E-04 (192, 5)	3.3144E-04 (192, 5)	2.8370E-04 (204, 5)	1.6826E-04 (183, 3)	8.2230E-05 (44, 5)
12	4.2055E-04 (317, 4)	4.0285E-04 (317, 4)	3.6086E-04 (317, 4)	1.6658E-04 (39, 6)	8.5445E-05 (123, 2)
13	3.5992E-04 (136, 4)	3.4484E-04 (136, 4)	3.0633E-04 (136, 4)	1.2491E-04 (79, 1)	8.0059E-05 (200, 7)
14	3.8390E-04 (199, 6)	3.8298E-04 (199, 6)	3.6116E-04 (199, 6)	1.4390E-04 (235, 5)	8.3333E-05 (136, 2)
15	3.9933E-04 (222, 5)	3.7729E-04 (222, 5)	3.2911E-04 (222, 5)	1.4782E-04 (89, 1)	9.7474E-05 (70, 7)
16	4.0734E-04 (169, 4)	3.8970E-04 (169, 4)	3.5240E-04 (169, 4)	1.5900E-04 (201, 7)	9.6636E-05 (93, 1)
17	2.9033E-04 (317, 4)	2.8141E-04 (181, 6)	2.7395E-04 (315, 5)	1.4375E-04 (67, 4)	7.5633E-05 (13, 8)
18	3.3846E-04 (124, 5)	3.2435E-04 (316, 4)	2.9148E-04 (316, 4)	1.5509E-04 (301, 4)	9.1919E-05 (169, 3)
19	2.9048E-04 (316, 5)	2.8715E-04 (316, 5)	2.6838E-04 (316, 5)	1.3503E-04 (338, 3)	9.4028E-05 (67, 3)
20	2.6739E-04 (46, 5)	2.5006E-04 (46, 5)	2.1955E-04 (46, 5)	1.5283E-04 (170, 6)	8.8283E-05 (357, 8)
21	3.7449E-04 (263, 5)	3.5176E-04 (18, 4)	3.1179E-04 (326, 4)	1.5544E-04 (334, 5)	1.1907E-04 (7, 3)
22	3.5655E-04 (263, 5)	3.3361E-04 (263, 5)	3.1597E-04 (326, 4)	1.4269E-04 (16, 5)	1.1663E-04 (301, 8)
23	4.1175E-04 (271, 5)	3.9992E-04 (271, 5)	3.8205E-04 (273, 4)	1.8779E-04 (273, 4)	1.0459E-04 (309, 2)
24	3.8116E-04 (90, 4)	3.5463E-04 (90, 4)	3.2253E-04 (241, 4)	1.8011E-04 (357, 5)	1.3730E-04 (310, 1)
25	4.6880E-04 (137, 4)	4.4928E-04 (137, 4)	4.1458E-04 (156, 3)	1.7712E-04 (232, 4)	1.1515E-04 (336, 6)
26	3.6375E-04 (267, 5)	3.5012E-04 (267, 5)	3.3107E-04 (360, 4)	1.6487E-04 (152, 3)	1.0551E-04 (353, 3)
27	4.4739E-04 (265, 4)	4.3852E-04 (265, 4)	4.1145E-04 (265, 4)	2.0780E-04 (265, 4)	1.1103E-04 (135, 1)
28	4.4779E-04 (101, 5)	4.1388E-04 (101, 5)	3.5423E-04 (64, 4)	1.8266E-04 (244, 6)	1.1326E-04 (327, 6)
29	4.2372E-04 (21, 4)	4.1297E-04 (21, 4)	3.8014E-04 (21, 4)	2.0493E-04 (233, 4)	1.1316E-04 (363, 3)
30	5.0273E-04 (182, 4)	4.7076E-04 (182, 4)	4.1441E-04 (182, 4)	1.6732E-04 (144, 3)	1.3538E-04 (253, 1)
31	3.0754E-04 (278, 4)	2.9924E-04 (278, 4)	2.8320E-04 (261, 4)	1.3007E-04 (261, 4)	9.6817E-05 (139, 2)
32	4.7379E-04 (139, 3)	4.8004E-04 (139, 3)	4.1747E-04 (230, 4)	1.8992E-04 (345, 4)	1.2728E-04 (328, 4)
33	5.5698E-04 (77, 5)	5.5091E-04 (185, 4)	5.5026E-04 (91, 5)	2.0048E-04 (332, 5)	1.3382E-04 (333, 1)
34	5.3381E-04 (259, 4)	5.0282E-04 (259, 4)	4.4208E-04 (259, 4)	1.5518E-04 (88, 3)	9.8390E-05 (59, 1)
35	3.3262E-04 (211, 4)	3.0296E-04 (234, 4)	2.6370E-04 (234, 4)	1.3044E-04 (176, 8)	1.2198E-04 (255, 8)
36	5.1726E-04 (179, 3)	5.2961E-04 (179, 3)	5.2265E-04 (179, 3)	2.2052E-04 (179, 3)	1.0537E-04 (229, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.6053E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=207

YEAR= 72

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	7.9879E-05 (107)	7.7031E-05 (107)	6.9795E-05 (107)	3.1692E-05 (38)	2.0652E-05 (38)
2	9.1076E-05 (57)	8.7850E-05 (57)	7.9758E-05 (57)	3.4933E-05 (341)	1.9719E-05 (5)
3	7.4976E-05 (57)	7.1574E-05 (57)	6.3364E-05 (57)	3.8159E-05 (129)	2.4671E-05 (89)
4	6.0112E-05 (195)	5.6643E-05 (136)	5.0688E-05 (58)	1.9052E-05 (125)	1.0796E-05 (98)
5	9.1951E-05 (261)	8.5050E-05 (261)	7.3802E-05 (261)	2.6505E-05 (261)	1.6433E-05 (312)
6	8.3149E-05 (261)	7.9119E-05 (261)	7.1918E-05 (261)	3.8793E-05 (85)	1.8376E-05 (107)
7	8.9224E-05 (316)	8.7155E-05 (316)	7.6840E-05 (309)	3.4183E-05 (316)	1.8986E-05 (99)
8	8.7400E-05 (220)	8.2691E-05 (220)	7.3793E-05 (220)	4.3925E-05 (172)	2.5202E-05 (180)
9	1.6053E-04 (207)	1.5643E-04 (207)	1.4175E-04 (242)	1.0728E-04 (173)	5.2444E-05 (173)
10	1.1840E-04 (181)	1.1274E-04 (181)	1.0062E-04 (181)	4.3701E-05 (181)	2.1267E-05 (181)
11	6.9845E-05 (131)	6.5247E-05 (131)	5.6107E-05 (131)	3.7063E-05 (143)	2.0808E-05 (143)
12	4.9654E-05 (250)	4.8406E-05 (238)	4.4170E-05 (238)	2.4831E-05 (331)	1.8395E-05 (245)
13	4.6753E-05 (185)	4.6964E-05 (185)	4.6942E-05 (97)	3.7896E-05 (44)	2.2498E-05 (361)
14	4.6369E-05 (102)	4.5201E-05 (102)	4.1566E-05 (102)	2.6020E-05 (65)	1.9198E-05 (65)
15	3.9723E-05 (362)	3.7993E-05 (362)	3.5655E-05 (362)	2.9874E-05 (44)	2.0674E-05 (44)
16	3.9707E-05 (322)	4.0097E-05 (263)	3.9372E-05 (260)	2.5888E-05 (362)	1.4720E-05 (325)
17	3.7052E-05 (326)	4.1066E-05 (326)	4.7213E-05 (326)	4.1002E-05 (351)	2.2525E-05 (351)
18	5.1711E-05 (193)	4.8258E-05 (193)	4.6411E-05 (147)	4.4313E-05 (328)	3.3200E-05 (328)
19	4.2257E-05 (282)	4.1927E-05 (282)	4.1220E-05 (313)	3.3499E-05 (16)	2.0547E-05 (16)
20	6.1878E-05 (193)	6.1467E-05 (336)	5.7810E-05 (336)	2.1315E-05 (260)	1.5508E-05 (327)
21	5.3761E-05 (256)	5.1559E-05 (256)	4.7540E-05 (336)	2.9788E-05 (92)	1.6654E-05 (92)
22	5.6713E-05 (288)	5.5571E-05 (189)	5.1178E-05 (86)	4.6467E-05 (66)	2.6308E-05 (329)
23	5.2991E-05 (279)	5.1908E-05 (279)	4.7840E-05 (279)	5.8562E-05 (117)	3.3267E-05 (70)
24	7.5280E-05 (288)	7.6782E-05 (288)	7.3629E-05 (267)	4.8604E-05 (100)	2.9917E-05 (353)
25	7.9021E-05 (157)	7.4886E-05 (157)	6.5230E-05 (157)	4.5658E-05 (156)	2.7180E-05 (156)
26	1.1223E-04 (265)	1.0793E-04 (265)	9.7728E-05 (265)	4.4786E-05 (203)	2.6382E-05 (66)
27	7.0954E-05 (247)	7.0651E-05 (240)	7.1515E-05 (268)	7.1650E-05 (306)	4.1657E-05 (167)
28	7.5912E-05 (339)	7.3404E-05 (339)	6.7058E-05 (339)	7.7344E-05 (121)	4.3172E-05 (121)
29	6.1718E-05 (297)	6.2666E-05 (297)	6.1883E-05 (297)	4.4212E-05 (127)	2.1226E-05 (101)
30	6.9912E-05 (345)	6.7650E-05 (345)	6.2037E-05 (345)	3.4596E-05 (347)	2.0745E-05 (365)
31	7.7745E-05 (332)	7.7007E-05 (332)	7.2133E-05 (332)	3.0958E-05 (213)	1.8879E-05 (308)
32	7.6411E-05 (61)	7.3047E-05 (61)	6.5477E-05 (61)	3.1078E-05 (120)	2.4458E-05 (1)
33	8.6198E-05 (12)	8.5244E-05 (12)	7.9675E-05 (12)	4.1938E-05 (171)	2.6451E-05 (301)
34	5.2160E-05 (314)	4.8069E-05 (314)	4.2819E-05 (161)	2.4359E-05 (90)	1.5178E-05 (212)
35	4.1367E-05 (213)	3.9853E-05 (319)	3.8861E-05 (319)	2.4611E-05 (309)	1.3925E-05 (309)
36	5.0220E-05 (136)	4.8531E-05 (64)	4.3475E-05 (136)	3.5187E-05 (171)	1.8584E-05 (357)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 7.5304E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=207 TIME PERIOD= 4

YEAR= 72

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	4.3077E-04 (113, 4)	4.0555E-04 (151, 3)	3.9677E-04 (107, 4)	1.7038E-04 (151, 3)	1.1188E-04 (330, 7)
2	4.6747E-04 (57, 4)	4.5411E-04 (57, 4)	4.1474E-04 (55, 5)	1.5787E-04 (57, 4)	8.0902E-05 (31, 2)
3	4.0640E-04 (149, 5)	3.9073E-04 (149, 5)	3.4954E-04 (149, 5)	1.6097E-04 (5, 5)	9.0443E-05 (76, 7)
4	3.7358E-04 (269, 6)	3.8570E-04 (269, 6)	3.7411E-04 (210, 4)	1.3698E-04 (210, 4)	7.1078E-05 (89, 2)
5	4.3810E-04 (292, 4)	4.2016E-04 (292, 4)	3.7870E-04 (292, 4)	1.5447E-04 (357, 5)	1.0139E-04 (55, 4)
6	4.9666E-04 (85, 4)	4.8922E-04 (85, 4)	4.6162E-04 (85, 4)	1.9470E-04 (210, 6)	1.1246E-04 (210, 7)
7	4.8132E-04 (298, 5)	4.5555E-04 (138, 4)	4.2308E-04 (138, 4)	1.5036E-04 (172, 5)	7.9622E-05 (104, 6)
8	4.9787E-04 (153, 4)	4.8104E-04 (290, 4)	4.3567E-04 (290, 4)	1.5793E-04 (177, 7)	9.0000E-05 (153, 1)
9	7.5304E-04 (207, 4)	7.0540E-04 (207, 4)	6.2078E-04 (207, 4)	2.3639E-04 (207, 4)	1.0466E-04 (183, 4)
10	5.3822E-04 (183, 5)	5.0435E-04 (183, 5)	4.4597E-04 (215, 5)	2.1141E-04 (96, 6)	9.6492E-05 (209, 6)
11	3.6108E-04 (222, 5)	3.4014E-04 (222, 5)	2.9534E-04 (222, 5)	1.6596E-04 (44, 6)	8.9303E-05 (97, 7)
12	3.3530E-04 (184, 4)	3.3741E-04 (245, 6)	3.3964E-04 (245, 6)	1.3478E-04 (250, 4)	1.0559E-04 (245, 6)
13	2.7942E-04 (220, 6)	3.0653E-04 (226, 6)	3.3381E-04 (226, 6)	1.5562E-04 (97, 4)	8.7071E-05 (91, 7)
14	3.6910E-04 (102, 4)	3.5860E-04 (102, 4)	3.2629E-04 (102, 4)	2.0416E-04 (65, 6)	1.2647E-04 (142, 3)
15	2.4299E-04 (109, 6)	2.3789E-04 (109, 6)	2.2082E-04 (109, 6)	1.4855E-04 (50, 2)	1.0012E-04 (146, 3)
16	2.3620E-04 (259, 6)	2.3338E-04 (259, 6)	2.1754E-04 (259, 6)	1.2843E-04 (322, 4)	7.8570E-05 (217, 8)
17	2.3865E-04 (23, 4)	2.5482E-04 (23, 4)	2.7032E-04 (23, 4)	1.6093E-04 (263, 4)	8.5083E-05 (326, 2)
18	4.0734E-04 (320, 4)	3.8603E-04 (193, 3)	3.7129E-04 (147, 4)	1.6780E-04 (326, 4)	1.0366E-04 (320, 3)
19	2.8605E-04 (313, 5)	2.8550E-04 (313, 5)	2.7471E-04 (313, 5)	1.5340E-04 (16, 2)	1.0159E-04 (205, 8)
20	2.9623E-04 (322, 4)	3.1091E-04 (322, 4)	3.1540E-04 (322, 4)	1.3198E-04 (322, 4)	7.6953E-05 (16, 1)
21	3.7003E-04 (288, 5)	3.6529E-04 (288, 5)	3.4015E-04 (288, 5)	1.3048E-04 (16, 5)	9.2992E-05 (329, 1)
22	3.0262E-04 (359, 4)	2.8076E-04 (359, 4)	2.6420E-04 (279, 3)	1.6205E-04 (17, 1)	9.4204E-05 (69, 2)
23	3.2801E-04 (45, 4)	3.3259E-04 (342, 5)	3.1914E-04 (191, 3)	1.8016E-04 (17, 8)	1.2295E-04 (267, 3)
24	3.1426E-04 (158, 5)	2.8735E-04 (186, 4)	2.7113E-04 (288, 3)	1.5880E-04 (100, 7)	1.1020E-04 (339, 2)
25	4.5019E-04 (226, 4)	4.3451E-04 (226, 4)	3.9456E-04 (226, 4)	1.8940E-04 (264, 3)	1.0881E-04 (86, 5)
26	4.1078E-04 (157, 3)	4.1213E-04 (157, 3)	3.9465E-04 (157, 3)	1.8718E-04 (66, 6)	1.1359E-04 (66, 6)
27	3.8352E-04 (337, 5)	3.7895E-04 (337, 5)	3.5491E-04 (257, 4)	1.9967E-04 (240, 4)	1.4008E-04 (166, 1)
28	4.9716E-04 (297, 4)	4.7562E-04 (297, 4)	4.2271E-04 (297, 4)	2.0851E-04 (133, 7)	1.1648E-04 (230, 4)
29	2.8118E-04 (230, 4)	2.7389E-04 (198, 3)	2.5631E-04 (297, 4)	1.3914E-04 (127, 6)	1.0405E-04 (47, 2)
30	5.0036E-04 (1, 4)	4.9186E-04 (1, 4)	4.5612E-04 (1, 4)	1.8205E-04 (345, 4)	9.5185E-05 (343, 4)
31	4.0087E-04 (332, 5)	3.9609E-04 (241, 4)	3.4649E-04 (241, 4)	1.4268E-04 (249, 4)	8.0935E-05 (308, 2)
32	4.1282E-04 (61, 4)	3.9371E-04 (61, 4)	3.4877E-04 (61, 4)	1.6533E-04 (139, 3)	1.1079E-04 (1, 8)
33	5.2726E-04 (229, 4)	4.9447E-04 (229, 4)	4.5406E-04 (58, 4)	2.0190E-04 (171, 2)	8.7564E-05 (262, 4)
34	3.3147E-04 (211, 3)	3.2736E-04 (314, 4)	3.0965E-04 (56, 4)	1.7741E-04 (22, 3)	1.1485E-04 (161, 4)
35	3.3093E-04 (213, 5)	3.1723E-04 (319, 4)	3.0738E-04 (319, 4)	1.2969E-04 (307, 6)	8.5339E-05 (13, 8)
36	4.0173E-04 (136, 4)	3.8281E-04 (136, 4)	3.3904E-04 (64, 4)	1.5549E-04 (89, 4)	8.2475E-05 (302, 3)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MA*3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.1078E-04 DIRECTION= 6 DISTANCE= 5.5 KM DAY=209

YEAR= 73

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	5.9439E-05 (193)	6.0326E-05 (193)	5.9345E-05 (193)	3.3521E-05 (146)	1.8689E-05 (364)
2	7.2551E-05 (159)	6.9871E-05 (159)	6.2730E-05 (159)	3.1221E-05 (339)	2.0951E-05 (148)
3	6.8838E-05 (123)	6.0772E-05 (151)	5.4331E-05 (226)	2.5335E-05 (226)	1.7038E-05 (115)
4	6.3786E-05 (173)	6.0389E-05 (173)	5.4239E-05 (173)	2.3947E-05 (20)	1.6927E-05 (145)
5	1.0712E-04 (182)	9.9759E-05 (182)	8.7542E-05 (182)	3.4256E-05 (182)	1.5512E-05 (182)
6	1.1078E-04 (209)	1.0817E-04 (209)	9.6975E-05 (186)	4.6438E-05 (144)	2.4005E-05 (144)
7	9.2656E-05 (216)	8.7279E-05 (216)	7.7839E-05 (216)	3.9871E-05 (209)	2.0055E-05 (114)
8	1.0049E-04 (253)	9.2310E-05 (181)	8.2904E-05 (187)	3.6418E-05 (253)	1.4928E-05 (253)
9	1.0673E-04 (132)	9.9088E-05 (132)	8.6029E-05 (132)	4.1482E-05 (253)	2.6001E-05 (85)
10	8.9082E-05 (132)	8.4112E-05 (132)	7.4294E-05 (326)	4.0971E-05 (169)	2.7604E-05 (258)
11	6.7580E-05 (235)	6.5691E-05 (235)	6.1474E-05 (235)	4.1668E-05 (85)	2.1442E-05 (169)
12	6.6829E-05 (100)	6.2239E-05 (100)	5.4307E-05 (100)	3.6220E-05 (98)	2.4314E-05 (98)
13	3.4175E-05 (124)	3.3013E-05 (188)	3.3294E-05 (168)	5.8045E-05 (41)	2.6254E-05 (41)
14	5.2560E-05 (169)	4.9595E-05 (169)	4.5418E-05 (175)	3.7801E-05 (175)	2.4156E-05 (175)
15	4.8308E-05 (47)	4.8128E-05 (47)	4.5794E-05 (47)	3.1253E-05 (350)	1.8609E-05 (350)
16	4.9418E-05 (182)	4.9496E-05 (188)	4.6307E-05 (95)	2.2324E-05 (342)	1.5150E-05 (342)
17	4.7839E-05 (53)	4.6813E-05 (53)	4.4373E-05 (53)	4.0504E-05 (342)	2.7645E-05 (361)
18	7.0109E-05 (101)	6.7270E-05 (101)	6.0626E-05 (101)	3.0262E-05 (13)	2.2103E-05 (51)
19	4.8817E-05 (101)	4.6752E-05 (42)	4.1694E-05 (42)	3.0938E-05 (10)	1.7575E-05 (136)
20	5.8249E-05 (305)	5.5885E-05 (305)	5.3787E-05 (233)	3.0320E-05 (345)	2.3633E-05 (24)
21	1.0598E-04 (221)	1.0318E-04 (221)	9.6301E-05 (221)	5.3267E-05 (305)	2.6339E-05 (9)
22	7.0635E-05 (221)	6.5909E-05 (221)	5.7482E-05 (221)	3.8338E-05 (291)	2.7124E-05 (292)
23	7.2103E-05 (221)	6.6235E-05 (221)	5.6789E-05 (221)	5.2169E-05 (291)	2.8605E-05 (16)
24	8.8011E-05 (59)	8.6431E-05 (59)	7.8689E-05 (59)	4.0706E-05 (310)	2.5738E-05 (276)
25	1.0385E-04 (240)	1.0133E-04 (317)	9.9282E-05 (317)	4.5290E-05 (265)	2.7778E-05 (327)
26	1.1024E-04 (82)	1.0835E-04 (82)	1.0082E-04 (82)	4.3092E-05 (154)	2.1940E-05 (245)
27	7.2507E-05 (154)	6.7728E-05 (154)	6.3192E-05 (336)	4.8595E-05 (106)	3.2011E-05 (107)
28	7.3816E-05 (158)	6.8086E-05 (158)	6.1530E-05 (55)	4.8878E-05 (105)	2.5206E-05 (105)
29	8.1595E-05 (239)	7.6650E-05 (239)	6.7777E-05 (239)	3.9658E-05 (105)	2.7861E-05 (105)
30	6.8560E-05 (244)	6.6884E-05 (244)	6.2014E-05 (244)	3.8599E-05 (121)	2.5072E-05 (324)
31	6.5735E-05 (65)	6.5095E-05 (65)	6.1271E-05 (65)	3.5087E-05 (88)	2.6076E-05 (113)
32	7.8861E-05 (322)	7.6926E-05 (329)	7.6388E-05 (329)	5.0565E-05 (21)	2.9770E-05 (21)
33	7.5778E-05 (217)	6.9163E-05 (217)	5.8909E-05 (217)	3.1153E-05 (70)	1.7496E-05 (171)
34	7.2512E-05 (269)	7.1509E-05 (269)	6.7192E-05 (269)	2.6767E-05 (217)	2.0262E-05 (213)
35	6.0279E-05 (177)	5.5978E-05 (177)	5.0599E-05 (40)	4.4347E-05 (93)	2.4985E-05 (40)
36	6.0829E-05 (194)	5.7893E-05 (194)	5.3272E-05 (215)	3.0715E-05 (73)	2.2217E-05 (146)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 5.8415E-04 DIRECTION= 5 DISTANCE= 5.5 KM DAY=182 TIME PERIOD= 4

YEAR= 73

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	3.1878E-04 (150, 4)	3.2416E-04 (150, 4)	3.1574E-04 (150, 4)	1.2993E-04 (39, 4)	9.5792E-05 (127, 7)
2	4.7089E-04 (71, 5)	4.6179E-04 (71, 5)	4.2561E-04 (71, 5)	1.5102E-04 (304, 6)	9.3296E-05 (212, 5)
3	4.3395E-04 (123, 4)	4.1541E-04 (123, 4)	3.7360E-04 (3, 5)	1.5846E-04 (128, 6)	8.0259E-05 (116, 5)
4	4.1892E-04 (194, 4)	4.1369E-04 (194, 4)	3.9299E-04 (194, 4)	1.5340E-04 (313, 4)	8.2284E-05 (210, 8)
5	5.8415E-04 (182, 4)	5.4550E-04 (182, 4)	4.7987E-04 (182, 4)	1.8792E-04 (182, 4)	8.6547E-05 (210, 8)
6	5.2073E-04 (309, 4)	4.9221E-04 (309, 4)	4.3542E-04 (309, 4)	2.1798E-04 (235, 5)	9.5973E-05 (235, 5)
7	4.5103E-04 (219, 4)	4.2541E-04 (219, 4)	3.7501E-04 (219, 4)	1.7459E-04 (140, 6)	1.2028E-04 (20, 6)
8	4.9592E-04 (289, 5)	4.8422E-04 (289, 5)	4.6296E-04 (187, 3)	1.8751E-04 (181, 4)	7.9372E-05 (181, 4)
9	5.3785E-04 (132, 5)	4.9999E-04 (132, 5)	4.3304E-04 (132, 5)	1.9116E-04 (99, 5)	8.8456E-05 (99, 5)
10	4.1502E-04 (326, 5)	3.9501E-04 (303, 4)	3.4672E-04 (303, 4)	1.4025E-04 (191, 6)	1.0188E-04 (258, 7)
11	4.5143E-04 (208, 4)	4.1671E-04 (208, 4)	3.6166E-04 (208, 4)	1.7884E-04 (174, 5)	9.0078E-05 (124, 1)
12	3.5662E-04 (135, 3)	3.3275E-04 (135, 3)	2.9167E-04 (135, 3)	1.6351E-04 (138, 3)	9.3753E-05 (8, 8)
13	2.6759E-04 (124, 5)	2.5583E-04 (168, 3)	2.5793E-04 (231, 5)	1.3773E-04 (41, 4)	1.2956E-04 (162, 7)
14	3.7729E-04 (175, 5)	3.5649E-04 (175, 5)	3.1096E-04 (175, 5)	1.7639E-04 (30, 5)	1.3186E-04 (289, 7)
15	3.6870E-04 (118, 4)	3.4175E-04 (118, 4)	2.9138E-04 (118, 4)	1.5566E-04 (190, 4)	8.3354E-05 (51, 5)
16	2.8761E-04 (124, 3)	2.9373E-04 (124, 3)	2.9020E-04 (124, 3)	1.2518E-04 (136, 6)	8.7351E-05 (12, 5)
17	3.5030E-04 (52, 4)	3.4862E-04 (52, 4)	3.2760E-04 (52, 4)	1.8240E-04 (53, 4)	9.4339E-05 (342, 1)
18	4.4173E-04 (14, 4)	4.3159E-04 (297, 5)	3.8418E-04 (297, 5)	1.3898E-04 (13, 3)	8.6121E-05 (12, 8)
19	3.6278E-04 (268, 5)	3.5192E-04 (268, 5)	3.1935E-04 (268, 5)	1.2661E-04 (10, 1)	7.6097E-05 (136, 4)
20	3.8195E-04 (133, 4)	3.6781E-04 (133, 4)	3.3122E-04 (133, 4)	1.8059E-04 (345, 4)	8.1901E-05 (48, 6)
21	4.0216E-04 (221, 4)	3.7331E-04 (221, 4)	3.5755E-04 (221, 6)	1.8058E-04 (11, 8)	1.1507E-04 (305, 4)
22	4.3786E-04 (125, 4)	4.1274E-04 (125, 4)	3.6505E-04 (125, 4)	1.5495E-04 (297, 4)	9.8300E-05 (10, 4)
23	4.1912E-04 (102, 4)	4.1850E-04 (191, 4)	3.6495E-04 (191, 4)	1.7676E-04 (43, 6)	9.9765E-05 (251, 7)
24	4.2932E-04 (310, 4)	4.1906E-04 (310, 4)	3.9067E-04 (59, 4)	1.7744E-04 (279, 6)	1.0386E-04 (279, 6)
25	4.5022E-04 (321, 4)	4.3894E-04 (321, 4)	3.9995E-04 (321, 4)	1.9640E-04 (290, 4)	1.1510E-04 (327, 6)
26	4.7329E-04 (154, 3)	4.8344E-04 (336, 4)	4.8314E-04 (336, 4)	1.8689E-04 (154, 3)	1.0538E-04 (234, 7)
27	4.1786E-04 (242, 5)	3.8742E-04 (242, 5)	3.3368E-04 (96, 5)	1.9583E-04 (17, 6)	1.4182E-04 (242, 7)
28	4.0419E-04 (191, 3)	3.9460E-04 (288, 5)	3.8997E-04 (158, 4)	1.7847E-04 (60, 8)	1.0911E-04 (60, 8)
29	4.2305E-04 (318, 4)	4.1793E-04 (318, 4)	3.9560E-04 (318, 4)	2.1518E-04 (318, 4)	1.1914E-04 (150, 8)
30	4.2968E-04 (106, 4)	4.0098E-04 (106, 4)	3.4411E-04 (106, 4)	1.7892E-04 (231, 3)	1.0833E-04 (353, 6)
31	4.3354E-04 (112, 4)	4.0536E-04 (112, 4)	3.9847E-04 (171, 3)	1.6340E-04 (87, 8)	9.8446E-05 (68, 2)
32	4.6052E-04 (157, 4)	4.2443E-04 (157, 4)	3.5877E-04 (157, 4)	1.8693E-04 (67, 4)	1.1793E-04 (329, 4)
33	4.4153E-04 (217, 4)	4.1001E-04 (61, 5)	3.6014E-04 (61, 5)	1.5130E-04 (89, 4)	1.1534E-04 (154, 1)
34	3.9734E-04 (217, 4)	3.6718E-04 (217, 4)	3.1762E-04 (217, 4)	1.7189E-04 (207, 5)	9.6272E-05 (339, 8)
35	3.4046E-04 (40, 4)	3.3145E-04 (252, 4)	3.0294E-04 (115, 4)	1.6911E-04 (93, 8)	1.0946E-04 (228, 1)
36	3.0815E-04 (226, 4)	2.8422E-04 (226, 4)	2.5164E-04 (173, 5)	1.5910E-04 (332, 4)	9.2297E-05 (332, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.5080E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=230

YEAR= 74

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	5.2116E-05 (228)	4.8306E-05 (228)	4.2169E-05 (228)	3.7525E-05 (175)	2.1042E-05 (175)
2	6.3526E-05 (207)	5.7687E-05 (207)	4.8002E-05 (207)	3.2008E-05 (91)	1.7276E-05 (28)
3	4.5344E-05 (309)	4.5591E-05 (309)	4.0922E-05 (46)	2.6968E-05 (80)	1.7858E-05 (39)
4	7.8064E-05 (229)	7.3761E-05 (229)	6.5681E-05 (229)	2.7148E-05 (90)	1.3687E-05 (88)
5	6.4855E-05 (158)	5.9232E-05 (158)	5.0680E-05 (229)	2.1893E-05 (228)	1.3870E-05 (30)
6	6.7517E-05 (86)	6.4473E-05 (86)	5.7133E-05 (86)	3.3442E-05 (89)	1.8753E-05 (88)
7	8.0943E-05 (200)	7.4636E-05 (200)	6.4521E-05 (200)	3.3385E-05 (16)	1.6814E-05 (173)
8	8.5268E-05 (148)	8.1692E-05 (315)	7.4293E-05 (315)	2.6667E-05 (269)	1.5043E-05 (203)
9	1.5080E-04 (230)	1.4285E-04 (230)	1.2566E-04 (230)	5.5767E-05 (192)	2.9396E-05 (71)
10	9.5098E-05 (192)	8.9360E-05 (192)	7.8640E-05 (192)	3.6559E-05 (202)	2.1216E-05 (47)
11	7.2417E-05 (200)	6.7648E-05 (200)	5.8370E-05 (200)	3.1335E-05 (213)	1.5326E-05 (335)
12	6.5297E-05 (200)	6.1975E-05 (200)	5.4535E-05 (200)	2.8764E-05 (167)	1.5517E-05 (240)
13	3.5391E-05 (257)	3.6019E-05 (167)	3.1934E-05 (145)	3.1030E-05 (39)	1.5416E-05 (76)
14	3.3194E-05 (222)	3.2470E-05 (222)	2.9684E-05 (222)	4.2055E-05 (40)	2.1065E-05 (336)
15	3.7763E-05 (99)	3.5635E-05 (99)	3.5874E-05 (96)	4.1347E-05 (96)	1.8999E-05 (96)
16	7.4456E-05 (291)	7.3087E-05 (291)	6.7745E-05 (291)	3.6906E-05 (326)	1.8525E-05 (326)
17	3.9574E-05 (317)	4.0851E-05 (317)	4.0500E-05 (317)	2.5872E-05 (338)	1.8592E-05 (355)
18	5.8538E-05 (332)	5.6068E-05 (332)	5.0249E-05 (332)	4.4464E-05 (279)	2.4669E-05 (279)
19	4.8784E-05 (332)	4.6519E-05 (332)	4.3254E-05 (364)	3.2973E-05 (311)	1.8553E-05 (311)
20	6.2924E-05 (281)	6.0050E-05 (281)	5.3386E-05 (281)	3.6892E-05 (279)	2.2640E-05 (18)
21	7.8173E-05 (265)	7.1906E-05 (265)	6.1183E-05 (265)	4.1750E-05 (274)	2.6812E-05 (107)
22	5.7110E-05 (169)	5.3354E-05 (254)	4.9039E-05 (254)	5.8367E-05 (312)	2.8489E-05 (276)
23	8.4045E-05 (298)	8.1028E-05 (298)	7.3014E-05 (298)	3.7152E-05 (266)	2.3736E-05 (293)
24	1.2761E-04 (286)	1.2030E-04 (297)	1.0878E-04 (297)	4.9653E-05 (348)	2.7874E-05 (13)
25	9.2600E-05 (305)	8.7598E-05 (305)	7.8961E-05 (305)	4.3108E-05 (303)	2.6762E-05 (303)
26	8.9071E-05 (171)	8.6150E-05 (171)	7.8670E-05 (171)	3.3288E-05 (306)	2.2680E-05 (349)
27	9.3381E-05 (116)	8.5290E-05 (116)	7.3952E-05 (327)	4.6645E-05 (171)	2.8136E-05 (333)
28	7.0325E-05 (195)	6.8111E-05 (195)	6.2773E-05 (195)	5.1133E-05 (2)	2.6420E-05 (2)
29	8.0613E-05 (221)	7.4917E-05 (221)	6.5582E-05 (221)	5.2408E-05 (357)	3.1525E-05 (140)
30	6.8672E-05 (67)	6.4224E-05 (67)	5.8349E-05 (237)	2.9599E-05 (244)	1.8704E-05 (334)
31	9.0971E-05 (215)	9.1269E-05 (215)	8.7801E-05 (219)	4.5820E-05 (219)	2.5255E-05 (136)
32	7.5790E-05 (63)	7.2071E-05 (63)	6.3589E-05 (63)	2.5923E-05 (6)	2.0256E-05 (217)
33	6.9824E-05 (207)	6.5642E-05 (62)	6.1199E-05 (11)	3.3039E-05 (334)	1.9534E-05 (334)
34	6.3743E-05 (236)	5.8758E-05 (236)	4.9824E-05 (236)	3.2494E-05 (84)	2.3520E-05 (84)
35	5.6200E-05 (164)	5.3345E-05 (164)	4.7093E-05 (164)	2.4491E-05 (212)	1.5060E-05 (175)
36	5.8672E-05 (33)	5.9289E-05 (33)	5.8221E-05 (33)	4.0517E-05 (341)	2.7780E-05 (341)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAX3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 6.3205E-04 DIRECTION= 24 DISTANCE= 5.5 KM DAY=284 TIME PERIOD= 4

YEAR= 74

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	4.0255E-04 (98, 5)	3.7672E-04 (98, 5)	3.2934E-04 (98, 5)	1.9430E-04 (52, 6)	9.9252E-05 (354, 5)
2	3.8756E-04 (127, 4)	3.5596E-04 (207, 5)	3.1924E-04 (127, 4)	1.5831E-04 (91, 6)	7.7736E-05 (38, 5)
3	2.6867E-04 (351, 4)	2.7402E-04 (351, 4)	3.0319E-04 (248, 5)	1.3141E-04 (80, 6)	9.6582E-05 (174, 8)
4	5.0528E-04 (229, 4)	4.6847E-04 (229, 4)	4.0692E-04 (229, 4)	1.3100E-04 (212, 3)	6.9404E-05 (30, 8)
5	4.5345E-04 (188, 4)	4.1849E-04 (188, 4)	3.6282E-04 (188, 4)	1.2711E-04 (169, 4)	7.0391E-05 (329, 7)
6	4.7008E-04 (188, 4)	4.6822E-04 (9, 5)	4.4187E-04 (9, 5)	1.5802E-04 (9, 5)	8.8886E-05 (5, 4)
7	4.2553E-04 (146, 4)	3.9813E-04 (226, 5)	3.7531E-04 (16, 5)	1.9512E-04 (292, 4)	8.0617E-05 (292, 4)
8	4.7335E-04 (315, 5)	4.4936E-04 (145, 4)	3.9557E-04 (145, 4)	1.4460E-04 (75, 6)	9.2380E-05 (203, 1)
9	5.7117E-04 (176, 5)	5.5986E-04 (176, 5)	5.2170E-04 (176, 5)	1.9437E-04 (64, 6)	9.8771E-05 (75, 4)
10	5.0075E-04 (211, 5)	4.9161E-04 (173, 6)	4.5721E-04 (173, 6)	1.5201E-04 (69, 6)	8.4454E-05 (65, 6)
11	3.9240E-04 (228, 6)	3.8221E-04 (228, 6)	3.5250E-04 (228, 6)	1.5451E-04 (193, 2)	9.4676E-05 (176, 3)
12	2.9856E-04 (167, 3)	2.9984E-04 (167, 3)	2.9395E-04 (167, 3)	1.2623E-04 (253, 5)	7.8775E-05 (240, 7)
13	2.6038E-04 (222, 6)	2.6084E-04 (145, 3)	2.5547E-04 (145, 3)	1.2827E-04 (120, 6)	8.8271E-05 (48, 1)
14	2.1491E-04 (226, 6)	2.1442E-04 (226, 6)	2.0537E-04 (239, 6)	1.5107E-04 (95, 6)	9.8335E-05 (56, 6)
15	2.4400E-04 (364, 5)	2.3237E-04 (364, 5)	2.1145E-04 (113, 6)	1.2766E-04 (40, 2)	8.0781E-05 (163, 7)
16	2.7506E-04 (338, 4)	2.8445E-04 (338, 4)	2.7029E-04 (338, 5)	1.7235E-04 (316, 3)	8.2237E-05 (316, 3)
17	3.1646E-04 (317, 5)	3.2651E-04 (317, 5)	3.2292E-04 (317, 5)	1.6037E-04 (106, 7)	1.0540E-04 (350, 3)
18	3.8058E-04 (332, 4)	3.6413E-04 (332, 4)	3.5542E-04 (257, 6)	1.6480E-04 (279, 8)	8.4424E-05 (182, 5)
19	3.6912E-04 (122, 3)	3.6344E-04 (364, 5)	3.3358E-04 (121, 4)	1.2945E-04 (121, 4)	7.7030E-05 (57, 4)
20	3.6300E-04 (282, 5)	3.5773E-04 (282, 5)	3.2927E-04 (311, 4)	1.4420E-04 (96, 3)	8.9298E-05 (18, 8)
21	4.8841E-04 (263, 5)	4.7461E-04 (54, 4)	4.3567E-04 (263, 5)	1.7494E-04 (294, 8)	1.0927E-04 (347, 7)
22	4.3766E-04 (254, 6)	4.2429E-04 (254, 6)	3.8748E-04 (254, 6)	1.4173E-04 (276, 4)	9.2190E-05 (293, 6)
23	4.2141E-04 (54, 4)	4.2538E-04 (54, 4)	3.9253E-04 (306, 5)	1.6155E-04 (54, 4)	9.6648E-05 (244, 1)
24	6.3205E-04 (284, 4)	6.1375E-04 (284, 4)	5.6227E-04 (284, 4)	2.0658E-04 (283, 5)	1.1236E-04 (59, 2)
25	4.8701E-04 (110, 5)	4.4922E-04 (110, 5)	3.8004E-04 (110, 5)	1.8555E-04 (73, 8)	1.2138E-04 (183, 1)
26	3.5727E-04 (51, 4)	3.3897E-04 (51, 4)	3.0590E-04 (303, 4)	1.5074E-04 (115, 7)	1.1028E-04 (188, 8)
27	4.8164E-04 (110, 4)	4.3883E-04 (299, 5)	4.2897E-04 (171, 3)	1.7524E-04 (333, 7)	1.4430E-04 (318, 8)
28	3.6807E-04 (165, 4)	3.4145E-04 (165, 4)	3.1319E-04 (225, 4)	1.6019E-04 (328, 4)	1.0213E-04 (161, 8)
29	4.0992E-04 (225, 4)	4.0582E-04 (225, 4)	3.8278E-04 (225, 4)	1.5675E-04 (225, 4)	9.3821E-05 (140, 3)
30	3.7905E-04 (221, 4)	3.4806E-04 (221, 4)	3.4028E-04 (238, 4)	1.6308E-04 (260, 3)	8.8842E-05 (301, 6)
31	4.4994E-04 (238, 4)	4.2862E-04 (219, 4)	3.9029E-04 (219, 4)	1.3996E-04 (215, 5)	8.7043E-05 (212, 2)
32	5.4809E-04 (64, 4)	5.3168E-04 (6, 4)	5.0687E-04 (6, 4)	1.9992E-04 (65, 4)	8.9161E-05 (9, 3)
33	4.9070E-04 (135, 3)	4.8047E-04 (62, 4)	4.3283E-04 (62, 4)	1.7568E-04 (25, 4)	9.2714E-05 (21, 1)
34	4.0425E-04 (199, 4)	3.6371E-04 (199, 4)	3.0923E-04 (14, 5)	1.5929E-04 (84, 3)	1.0054E-04 (130, 3)
35	3.7305E-04 (321, 5)	3.5327E-04 (321, 5)	3.0905E-04 (321, 5)	1.2622E-04 (177, 4)	7.8775E-05 (205, 8)
36	4.6113E-04 (33, 4)	4.6230E-04 (33, 4)	4.4496E-04 (33, 4)	1.9953E-04 (210, 4)	1.1365E-04 (175, 7)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.1566E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=189

YEAR= 75

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	5.9349E-05 (66)	5.6355E-05 (255)	5.4457E-05 (255)	3.8451E-05 (290)	2.6721E-05 (49)
2	9.0515E-05 (19)	9.2571E-05 (19)	9.2645E-05 (19)	4.7286E-05 (19)	2.5548E-05 (66)
3	9.1037E-05 (118)	8.4971E-05 (118)	7.2740E-05 (118)	3.1534E-05 (25)	1.8403E-05 (82)
4	8.5463E-05 (24)	8.1698E-05 (24)	7.3437E-05 (24)	3.0260E-05 (24)	1.9762E-05 (187)
5	8.4932E-05 (186)	8.5704E-05 (186)	8.2826E-05 (186)	3.0313E-05 (229)	1.7311E-05 (190)
6	6.2128E-05 (205)	6.1208E-05 (181)	5.3285E-05 (181)	2.2271E-05 (191)	1.5196E-05 (191)
7	7.4134E-05 (178)	7.0427E-05 (80)	6.2658E-05 (80)	2.4000E-05 (185)	1.6710E-05 (124)
8	8.2785E-05 (185)	7.5427E-05 (185)	6.3333E-05 (185)	2.4987E-05 (189)	1.4073E-05 (190)
9	1.1566E-04 (189)	1.0992E-04 (189)	9.8818E-05 (189)	3.9934E-05 (158)	2.2829E-05 (158)
10	7.1165E-05 (166)	6.3924E-05 (166)	6.3103E-05 (44)	2.6820E-05 (155)	1.6320E-05 (44)
11	6.0855E-05 (170)	5.7996E-05 (170)	5.1918E-05 (157)	2.7728E-05 (162)	1.3046E-05 (223)
12	5.0179E-05 (224)	5.0252E-05 (224)	4.8208E-05 (224)	2.5285E-05 (336)	1.3746E-05 (336)
13	7.3574E-05 (230)	7.1016E-05 (230)	6.4852E-05 (230)	3.4643E-05 (139)	2.2203E-05 (256)
14	6.3475E-05 (244)	5.9369E-05 (244)	5.1688E-05 (244)	2.4162E-05 (55)	1.7493E-05 (13)
15	4.4622E-05 (243)	4.3871E-05 (244)	4.2641E-05 (226)	3.3259E-05 (56)	2.0877E-05 (13)
16	5.1331E-05 (244)	4.7472E-05 (244)	4.1090E-05 (244)	3.4043E-05 (352)	1.6702E-05 (352)
17	5.8803E-05 (105)	5.5580E-05 (105)	4.8572E-05 (105)	3.1805E-05 (270)	2.7976E-05 (270)
18	4.8179E-05 (361)	4.6485E-05 (361)	4.2299E-05 (361)	3.7826E-05 (270)	3.0318E-05 (269)
19	2.8857E-05 (300)	2.7744E-05 (300)	2.5369E-05 (300)	2.3532E-05 (14)	1.8286E-05 (96)
20	5.6092E-05 (94)	5.4971E-05 (94)	5.3268E-05 (94)	4.3376E-05 (64)	2.4175E-05 (94)
21	7.5205E-05 (14)	7.2995E-05 (14)	6.6392E-05 (64)	3.1675E-05 (14)	2.2236E-05 (361)
22	9.7006E-05 (176)	9.6134E-05 (176)	8.9763E-05 (141)	3.8204E-05 (302)	2.1111E-05 (353)
23	8.5965E-05 (175)	8.1477E-05 (175)	7.4541E-05 (181)	3.6314E-05 (85)	2.2287E-05 (304)
24	6.3404E-05 (285)	6.1724E-05 (285)	5.6108E-05 (285)	3.2307E-05 (17)	2.2092E-05 (240)
25	8.0784E-05 (142)	7.7518E-05 (142)	6.9774E-05 (142)	3.3311E-05 (116)	2.5764E-05 (239)
26	1.0056E-04 (247)	9.2948E-05 (247)	7.9498E-05 (247)	3.3763E-05 (286)	1.8915E-05 (176)
27	1.1380E-04 (236)	1.1134E-04 (322)	1.0179E-04 (247)	5.9661E-05 (86)	3.2105E-05 (86)
28	7.6220E-05 (330)	7.0770E-05 (250)	6.2623E-05 (86)	4.7425E-05 (112)	2.9047E-05 (315)
29	6.6686E-05 (251)	6.3146E-05 (251)	5.7466E-05 (113)	4.2211E-05 (313)	2.7292E-05 (313)
30	8.4146E-05 (143)	8.2581E-05 (143)	7.7940E-05 (143)	4.4607E-05 (263)	3.1028E-05 (263)
31	7.0572E-05 (222)	7.1078E-05 (222)	6.8912E-05 (222)	3.4623E-05 (168)	2.1482E-05 (71)
32	8.8409E-05 (161)	8.7547E-05 (108)	7.9144E-05 (108)	3.1489E-05 (290)	1.9697E-05 (70)
33	6.6641E-05 (242)	6.3676E-05 (242)	6.1826E-05 (28)	4.0836E-05 (11)	2.5127E-05 (151)
34	5.7487E-05 (198)	5.5677E-05 (152)	4.9454E-05 (198)	2.8282E-05 (209)	2.7068E-05 (10)
35	5.6812E-05 (334)	5.5548E-05 (334)	5.1014E-05 (334)	2.8537E-05 (209)	1.7429E-05 (207)
36	6.9281E-05 (201)	7.1313E-05 (201)	7.1620E-05 (201)	4.9392E-05 (351)	2.6621E-05 (12)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 5.6253E-04 DIRECTION= 7 DISTANCE= 5.5 KM DAY= 80 TIME PERIOD= 5

YEAR= 75

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR	RANGE 5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	4.3251E-04 (118, 3)	4.3305E-04 (118, 3)	4.1239E-04 (118, 3)	1.6217E-04 (18, 5)	1.0038E-04 (50, 7)
2	5.0624E-04 (19, 5)	5.1308E-04 (19, 5)	5.0631E-04 (19, 5)	2.2623E-04 (19, 5)	1.1338E-04 (104, 6)
3	4.6871E-04 (100, 5)	4.3459E-04 (216, 5)	3.8966E-04 (24, 5)	1.6786E-04 (25, 5)	9.6102E-05 (50, 1)
4	4.3631E-04 (130, 5)	4.1484E-04 (130, 5)	3.6549E-04 (130, 5)	1.3876E-04 (209, 6)	9.3285E-05 (209, 6)
5	5.3199E-04 (186, 3)	5.4608E-04 (186, 3)	5.3322E-04 (229, 4)	2.3123E-04 (186, 3)	9.7737E-05 (186, 3)
6	3.5044E-04 (146, 4)	3.0765E-04 (146, 4)	2.5882E-04 (137, 4)	1.4049E-04 (181, 5)	8.2064E-05 (61, 1)
7	5.6253E-04 (80, 5)	5.4036E-04 (80, 5)	4.8168E-04 (185, 5)	1.1949E-04 (192, 4)	7.1191E-05 (98, 7)
8	4.0593E-04 (31, 5)	3.9847E-04 (31, 5)	3.6716E-04 (31, 5)	1.2326E-04 (225, 4)	7.1367E-05 (43, 7)
9	5.1408E-04 (125, 4)	5.0278E-04 (125, 4)	4.6233E-04 (125, 4)	1.8319E-04 (225, 4)	9.0119E-05 (158, 3)
10	4.1760E-04 (134, 6)	3.9986E-04 (134, 6)	3.5566E-04 (134, 6)	1.4181E-04 (187, 5)	8.1838E-05 (159, 7)
11	3.3883E-04 (126, 5)	3.1256E-04 (126, 5)	2.8942E-04 (26, 5)	1.5004E-04 (162, 6)	7.8126E-05 (162, 6)
12	3.2107E-04 (157, 3)	3.2345E-04 (157, 3)	3.1044E-04 (157, 3)	1.3715E-04 (78, 6)	7.3637E-05 (78, 5)
13	3.5149E-04 (291, 4)	3.3968E-04 (291, 4)	3.4697E-04 (155, 3)	1.5874E-04 (155, 3)	1.2217E-04 (133, 7)
14	3.9266E-04 (244, 5)	3.6968E-04 (244, 5)	3.2536E-04 (244, 5)	1.5634E-04 (13, 3)	1.1233E-04 (325, 7)
15	2.9666E-04 (177, 4)	2.7521E-04 (177, 4)	2.4102E-04 (177, 4)	1.9625E-04 (56, 6)	8.6396E-05 (243, 5)
16	2.5932E-04 (65, 4)	2.5239E-04 (62, 5)	2.3852E-04 (62, 5)	1.5159E-04 (298, 4)	9.1754E-05 (13, 5)
17	4.0584E-04 (328, 4)	3.9207E-04 (328, 4)	3.5611E-04 (328, 4)	1.3909E-04 (352, 6)	1.0879E-04 (270, 6)
18	3.3406E-04 (185, 4)	3.2709E-04 (185, 4)	3.0152E-04 (185, 4)	1.6833E-04 (270, 4)	1.1128E-04 (270, 4)
19	2.3086E-04 (300, 4)	2.2195E-04 (300, 4)	2.0295E-04 (300, 4)	9.5447E-05 (327, 2)	8.6077E-05 (327, 2)
20	3.6533E-04 (94, 4)	3.4973E-04 (94, 4)	3.1462E-04 (94, 4)	1.6590E-04 (353, 1)	1.0021E-04 (301, 6)
21	4.8916E-04 (56, 4)	4.6906E-04 (56, 4)	4.2492E-04 (56, 4)	1.6000E-04 (62, 3)	1.0157E-04 (353, 2)
22	3.5756E-04 (111, 4)	3.4666E-04 (302, 4)	3.4617E-04 (176, 3)	1.9195E-04 (176, 3)	1.1605E-04 (257, 8)
23	5.4067E-04 (85, 5)	5.1495E-04 (85, 5)	4.5432E-04 (85, 5)	1.6750E-04 (304, 2)	8.7555E-05 (345, 1)
24	3.7520E-04 (285, 5)	3.6500E-04 (285, 5)	3.3171E-04 (285, 5)	1.3856E-04 (338, 4)	1.3070E-04 (22, 1)
25	4.7558E-04 (276, 4)	4.6492E-04 (276, 4)	4.3539E-04 (276, 4)	1.8424E-04 (276, 4)	1.1588E-04 (320, 8)
26	4.3390E-04 (116, 4)	4.0535E-04 (142, 4)	3.9006E-04 (286, 5)	1.5316E-04 (7, 4)	9.0584E-05 (5, 4)
27	4.8989E-04 (322, 5)	4.7003E-04 (247, 4)	4.0377E-04 (284, 4)	1.7768E-04 (345, 5)	1.4330E-04 (135, 3)
28	4.1718E-04 (320, 5)	4.0675E-04 (320, 5)	3.7439E-04 (320, 5)	1.4861E-04 (185, 3)	1.0394E-04 (264, 2)
29	4.5173E-04 (132, 3)	4.2200E-04 (132, 3)	3.7091E-04 (132, 3)	1.4001E-04 (132, 3)	9.5397E-05 (217, 3)
30	4.5650E-04 (162, 3)	4.3868E-04 (162, 3)	3.9985E-04 (162, 3)	1.7354E-04 (219, 4)	9.5654E-05 (263, 5)
31	5.0866E-04 (168, 3)	5.1418E-04 (168, 3)	4.9864E-04 (168, 3)	2.0287E-04 (168, 3)	1.0115E-04 (210, 1)
32	5.4409E-04 (274, 4)	5.0891E-04 (274, 4)	4.4977E-04 (161, 3)	1.8195E-04 (146, 3)	8.9722E-05 (130, 4)
33	4.5320E-04 (28, 4)	4.2776E-04 (218, 4)	3.7387E-04 (69, 4)	1.5687E-04 (69, 4)	1.0778E-04 (209, 8)
34	4.0588E-04 (114, 5)	3.5407E-04 (114, 5)	3.3008E-04 (166, 4)	1.7011E-04 (54, 4)	8.4803E-05 (209, 2)
35	3.4546E-04 (136, 4)	3.2159E-04 (147, 4)	2.7721E-04 (147, 4)	1.1593E-04 (172, 4)	6.9391E-05 (231, 1)
36	3.4105E-04 (205, 4)	3.2548E-04 (331, 4)	3.0307E-04 (201, 3)	1.5824E-04 (151, 4)	9.3026E-05 (151, 4)

COMPOSITE HIGHEST,SECOND-HIGHEST 24-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	80	77	70	38	27
2	91	93	93	48	26
3	91	85	73	38	25
4	85	82	73	30	20
5	107	100	88	34	17
6	111	108	97	46	24
7	93	87	78	40	20
8	100	92	83	44	25
9	161	156	142	107	52
10	118	113	101	44	28
11	72	68	61	42	21
12	74	66	55	47	24
13	74	71	65	58	26
14	63	59	52	42	24
15	61	60	55	41	21
16	74	73	68	37	19
17	59	56	49	41	28
18	70	67	61	44	33
19	49	47	43	33	21
20	65	61	58	43	24
21	106	103	96	53	27
22	97	96	90	58	28
23	86	81	75	60	33
24	128	120	109	50	39
25	104	101	99	46	28
26	112	108	101	45	26
27	114	111	102	72	42
28	93	88	78	77	43
29	83	82	74	52	32
30	84	83	78	45	33
31	91	91	88	46	26
32	88	88	79	51	30
33	90	88	80	42	29
34	89	83	72	32	27
35	62	58	51	44	25
36	71	71	72	49	28

COMPOSITE HIGHEST, SECOND-HIGHEST 3-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	433.	433.	412.	194.	112.
2	506.	513.	506.	226.	113.
3	469.	435.	390.	168.	97.
4	505.	468.	407.	153.	93.
5	584.	546.	533.	231.	101.
6	521.	492.	462.	218.	112.
7	563.	540.	482.	196.	120.
8	498.	489.	463.	188.	93.
9	753.	705.	621.	236.	120.
10	555.	516.	457.	211.	110.
11	451.	417.	362.	179.	95.
12	421.	403.	361.	167.	106.
13	360.	345.	347.	159.	130.
14	393.	383.	361.	204.	132.
15	399.	377.	329.	196.	100.
16	407.	390.	352.	172.	97.
17	406.	392.	356.	182.	109.
18	442.	432.	384.	168.	111.
19	369.	363.	334.	153.	102.
20	382.	368.	331.	189.	100.
21	489.	475.	436.	181.	119.
22	438.	424.	387.	192.	117.
23	541.	515.	454.	188.	123.
24	632.	614.	562.	207.	137.
25	487.	465.	435.	196.	121.
26	473.	483.	483.	187.	114.
27	490.	470.	429.	208.	144.
28	497.	476.	423.	209.	116.
29	452.	422.	396.	215.	119.
30	503.	492.	456.	182.	135.
31	509.	514.	499.	203.	101.
32	548.	532.	507.	200.	127.
33	557.	551.	550.	202.	134.
34	534.	503.	442.	177.	115.
35	373.	353.	309.	169.	122.
36	517.	530.	523.	221.	114.

TECO

UNITS 1-4

PROJECTED 24- AND 3-HOUR SO_2

50 PERCENT LOAD

RING DISTANCES(KM)= 0.50 1.00 1.50 2.00 2.50

STACK # 1--TECO 182,50% 31.5T/H SO2
STACK # ~~2--TECO 384 50% 31.5T/H SO2~~ (unit 4 at 1,2#)

STACK	MONTH	EMISSION RATE (GMS/SEC)	HEIGHT (METERS)	DIAMETER (METERS)	EXIT VELOCITY (M/SEC)	TEMP (DEG.K)	VOLUMETRIC FLOW (MA*3/SEC)
1	ALL	2624.5500	149.40	7.32	16.30	400.00	685.96
2	ALL	1699.1699	149.40	7.32	19.10	361.00	803.79

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.3232E-04 DIRECTION= 9 DISTANCE= 2.5 KM DAY=128

YEAR= 71

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	1.0983E-11 (238)	2.3228E-05 (236)	2.9347E-05 (236)	4.7864E-05 (229)	5.8614E-05 (229)
2	9.9680E-11 (238)	3.5731E-05 (260)	5.5661E-05 (236)	4.6390E-05 (260)	6.1320E-05 (113)
3	2.4359E-10 (238)	6.1404E-05 (236)	5.8779E-05 (236)	6.0410E-05 (331)	6.8927E-05 (234)
4	4.6990E-10 (238)	7.3044E-05 (238)	8.2899E-05 (215)	6.3873E-05 (215)	5.3411E-05 (205)
5	4.6475E-10 (234)	7.8790E-05 (238)	8.9598E-05 (215)	7.0048E-05 (215)	6.8216E-05 (200)
6	2.0302E-10 (234)	4.0563E-05 (238)	4.9175E-05 (206)	6.2281E-05 (200)	7.1472E-05 (200)
7	4.9116E-11 (234)	3.5216E-05 (238)	5.1960E-05 (103)	6.9502E-05 (179)	7.6360E-05 (207)
8	4.8544E-11 (159)	5.3523E-05 (230)	5.4954E-05 (238)	6.7364E-05 (179)	7.6418E-05 (128)
9	1.1817E-10 (159)	2.5546E-05 (217)	5.3831E-05 (128)	1.0807E-04 (238)	1.3232E-04 (128)
10	9.4947E-11 (159)	3.8623E-05 (217)	5.3054E-05 (217)	7.2286E-05 (238)	8.4037E-05 (168)
11	2.9335E-11 (159)	2.9184E-05 (217)	3.8665E-05 (217)	5.3335E-05 (198)	5.6795E-05 (198)
12	3.1209E-11 (238)	1.0904E-05 (217)	4.8990E-05 (198)	5.6242E-05 (257)	4.8770E-05 (136)
13	2.2877E-11 (262)	2.3608E-05 (159)	3.5918E-05 (198)	3.7176E-05 (257)	4.6410E-05 (141)
14	1.2137E-10 (262)	1.1727E-05 (262)	1.4837E-05 (257)	3.4175E-05 (159)	3.5598E-05 (222)
15	3.2332E-10 (159)	4.1291E-05 (262)	3.1174E-05 (262)	3.8550E-05 (159)	4.4610E-05 (121)
16	2.1303E-10 (159)	4.3758E-05 (159)	2.9379E-05 (159)	4.4831E-05 (262)	4.3791E-05 (169)
17	7.7346E-11 (159)	1.3328E-05 (159)	1.4096E-05 (164)	2.6169E-05 (317)	3.6072E-05 (99)
18	1.5474E-11 (159)	3.2074E-06 (263)	1.7883E-05 (173)	2.9905E-05 (164)	4.2242E-05 (124)
19	1.7057E-12 (159)	5.8274E-06 (262)	1.6995E-05 (98)	2.8198E-05 (257)	3.4533E-05 (257)
20	1.3116E-12 (263)	9.5343E-07 (98)	1.3478E-05 (98)	2.4068E-05 (98)	3.0575E-05 (46)
21	8.1271E-13 (262)	5.2782E-07 (164)	1.8453E-05 (137)	4.8965E-05 (137)	6.1286E-05 (263)
22	1.0338E-13 (164)	2.1493E-06 (164)	2.3230E-05 (164)	3.7266E-05 (164)	5.2514E-05 (47)
23	5.3648E-13 (263)	2.9382E-06 (164)	2.9013E-05 (156)	5.9799E-05 (164)	6.6124E-05 (68)
24	1.0853E-12 (231)	1.5089E-06 (164)	2.1370E-05 (90)	5.2942E-05 (90)	7.8230E-05 (90)
25	1.2355E-11 (231)	4.0309E-06 (152)	1.3199E-05 (231)	3.1410E-05 (90)	4.8607E-05 (90)
26	7.8323E-11 (231)	1.7506E-05 (152)	2.7349E-05 (152)	3.1234E-05 (101)	4.1749E-05 (101)
27	2.7380E-10 (231)	3.8578E-05 (231)	6.3865E-05 (152)	6.1411E-05 (240)	6.6919E-05 (190)
28	4.8485E-10 (240)	8.2593E-05 (231)	7.9566E-05 (240)	6.1411E-05 (240)	7.5063E-05 (101)
29	2.6716E-10 (240)	4.1358E-05 (240)	3.6804E-05 (240)	5.3720E-05 (138)	6.2278E-05 (138)
30	8.1117E-11 (240)	1.0213E-05 (240)	3.2107E-05 (138)	5.1334E-05 (182)	6.5961E-05 (182)
31	1.3571E-11 (240)	2.3914E-06 (218)	2.0833E-05 (236)	3.4237E-05 (236)	4.0135E-05 (218)
32	1.2511E-12 (240)	1.6356E-06 (231)	2.3201E-05 (230)	5.1416E-05 (218)	5.7037E-05 (218)
33	1.2293E-13 (218)	6.1613E-07 (145)	1.8147E-05 (230)	4.3786E-05 (218)	5.1945E-05 (91)
34	9.8847E-14 (231)	1.9618E-06 (218)	2.3030E-05 (260)	4.7026E-05 (218)	5.4407E-05 (187)
35	1.8726E-13 (260)	3.3254E-06 (211)	4.0987E-05 (211)	7.3902E-05 (211)	8.3293E-05 (211)
36	9.5394E-13 (238)	5.0386E-06 (236)	3.4720E-05 (229)	7.2138E-05 (229)	8.8637E-05 (229)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MM3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 7.1634E-04 DIRECTION= 5 DISTANCE= 1.5 KM DAY=215 TIME PERIOD= 4

YEAR= 71

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	8.7866E-11 (238, 4)	1.8474E-04 (236, 5)	1.7985E-04 (229, 4)	3.3145E-04 (229, 4)	3.6204E-04 (229, 4)
2	5.5744E-10 (238, 4)	2.8574E-04 (260, 5)	4.1640E-04 (236, 5)	3.6601E-04 (260, 5)	3.5854E-04 (184, 4)
3	1.9487E-09 (238, 4)	4.9165E-04 (236, 5)	4.6715E-04 (236, 5)	4.3952E-04 (331, 5)	4.9902E-04 (219, 5)
4	3.7537E-09 (238, 4)	5.8417E-04 (238, 4)	6.6318E-04 (215, 4)	5.1095E-04 (215, 4)	4.1685E-04 (215, 4)
5	3.7180E-09 (234, 4)	6.2648E-04 (238, 4)	7.1634E-04 (215, 4)	5.5505E-04 (215, 4)	5.4572E-04 (200, 4)
6	1.6242E-09 (234, 4)	3.3387E-04 (238, 4)	3.5793E-04 (215, 4)	4.8739E-04 (206, 5)	5.2996E-04 (206, 5)
7	7.5096E-10 (238, 4)	1.9314E-04 (238, 5)	3.0519E-04 (103, 4)	3.6046E-04 (230, 5)	3.9179E-04 (207, 5)
8	3.8835E-10 (159, 5)	4.2369E-04 (230, 5)	4.0164E-04 (238, 5)	4.4103E-04 (100, 4)	5.0066E-04 (100, 4)
9	9.4537E-10 (159, 5)	2.0437E-04 (217, 4)	3.0266E-04 (217, 4)	5.4988E-04 (220, 5)	6.8027E-04 (220, 5)
10	7.5957E-10 (159, 5)	3.0898E-04 (217, 4)	3.3405E-04 (238, 5)	3.5345E-04 (238, 5)	4.3668E-04 (178, 4)
11	2.3468E-10 (159, 5)	2.3347E-04 (217, 4)	3.0932E-04 (217, 4)	3.0527E-04 (195, 4)	3.3744E-04 (192, 5)
12	2.4967E-10 (238, 5)	8.7709E-05 (217, 4)	2.3748E-04 (198, 4)	4.4993E-04 (257, 4)	3.7034E-04 (257, 4)
13	1.8301E-10 (262, 4)	1.8657E-04 (159, 5)	1.2883E-04 (198, 5)	2.2987E-04 (198, 5)	2.7206E-04 (122, 4)
14	9.7098E-10 (262, 4)	9.3815E-05 (262, 4)	1.1870E-04 (257, 4)	1.8989E-04 (104, 4)	1.9656E-04 (162, 4)
15	2.5866E-09 (159, 5)	3.3033E-04 (262, 4)	2.4939E-04 (262, 4)	3.0692E-04 (159, 5)	2.5233E-04 (159, 5)
16	1.7043E-09 (159, 5)	3.5006E-04 (159, 5)	2.3502E-04 (159, 5)	2.6192E-04 (169, 4)	2.9451E-04 (262, 4)
17	6.1877E-10 (159, 5)	1.0662E-04 (159, 5)	1.1277E-04 (164, 4)	2.0562E-04 (164, 4)	2.5092E-04 (317, 4)
18	1.2379E-10 (159, 5)	2.5660E-05 (263, 5)	1.4306E-04 (173, 4)	2.3870E-04 (164, 4)	2.9131E-04 (173, 4)
19	1.3646E-11 (159, 5)	4.6619E-05 (262, 4)	1.3596E-04 (98, 4)	2.2550E-04 (257, 4)	2.7548E-04 (257, 4)
20	1.0493E-11 (263, 5)	7.6275E-06 (98, 4)	1.0783E-04 (98, 4)	1.9255E-04 (98, 4)	2.4460E-04 (46, 5)
21	6.5017E-12 (262, 4)	3.9684E-06 (164, 4)	9.8435E-05 (157, 4)	2.2456E-04 (137, 4)	2.7206E-04 (137, 4)
22	7.9680E-13 (164, 4)	1.4288E-05 (164, 4)	1.4746E-04 (164, 4)	2.3440E-04 (164, 4)	3.2812E-04 (142, 5)
23	4.2919E-12 (263, 5)	1.4288E-05 (164, 4)	1.4746E-04 (164, 4)	2.4399E-04 (164, 5)	4.1239E-04 (270, 4)
24	8.5779E-12 (231, 4)	1.0828E-05 (90, 4)	1.4917E-04 (231, 5)	2.9710E-04 (90, 4)	3.7317E-04 (90, 4)
25	9.8762E-11 (231, 4)	3.2247E-05 (152, 4)	8.5839E-05 (90, 4)	1.6268E-04 (90, 4)	2.3571E-04 (137, 4)
26	6.2657E-10 (231, 4)	1.4005E-04 (152, 4)	2.1879E-04 (152, 4)	2.1804E-04 (156, 3)	2.8015E-04 (156, 3)
27	2.1904E-09 (231, 4)	3.0855E-04 (231, 4)	5.1092E-04 (152, 4)	4.6868E-04 (231, 4)	4.0737E-04 (101, 5)
28	3.8788E-09 (240, 4)	6.6074E-04 (231, 4)	6.3653E-04 (240, 4)	4.9129E-04 (240, 4)	4.1905E-04 (101, 5)
29	2.1373E-09 (240, 4)	3.3086E-04 (240, 4)	2.9443E-04 (240, 4)	4.1239E-04 (138, 5)	4.5545E-04 (138, 5)
30	6.4893E-10 (240, 4)	8.1702E-05 (240, 4)	2.4294E-04 (138, 5)	4.0974E-04 (182, 4)	4.5609E-04 (138, 5)
31	1.0857E-10 (240, 4)	1.9129E-05 (218, 4)	1.6661E-04 (236, 5)	2.7368E-04 (236, 5)	2.8184E-04 (236, 5)
32	1.0009E-11 (240, 4)	1.3085E-05 (231, 4)	1.8424E-04 (230, 4)	3.9109E-04 (218, 4)	3.9387E-04 (218, 4)
33	9.6841E-13 (218, 4)	4.9290E-06 (145, 4)	1.4421E-04 (230, 4)	2.9381E-04 (218, 4)	3.5388E-04 (91, 5)
34	7.9078E-13 (231, 4)	1.3440E-05 (211, 4)	1.6491E-04 (218, 5)	2.9256E-04 (260, 4)	3.1656E-04 (187, 4)
35	1.4979E-12 (260, 4)	2.6580E-05 (211, 4)	2.9596E-04 (260, 4)	5.5089E-04 (211, 4)	5.7943E-04 (211, 4)
36	7.6315E-12 (238, 4)	3.9660E-05 (236, 5)	2.5216E-04 (229, 4)	4.3813E-04 (260, 4)	5.3355E-04 (260, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.3436E-04 DIRECTION= 9 DISTANCE= 2.5 KM DAY=124

YEAR= 72

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	1.3161E-13 (211)	2.1446E-06 (211)	2.2116E-05 (211)	3.5858E-05 (211)	4.6089E-05 (196)
2	1.2052E-12 (229)	5.2063E-06 (241)	2.1812E-05 (110)	4.3202E-05 (110)	5.4856E-05 (215)
3	1.3876E-11 (229)	2.4248E-05 (241)	3.4367E-05 (110)	6.2114E-05 (110)	7.0550E-05 (110)
4	8.8033E-11 (229)	5.6126E-05 (241)	4.6535E-05 (241)	5.5065E-05 (150)	6.8284E-05 (195)
5	3.0774E-10 (229)	5.8517E-05 (215)	5.0261E-05 (215)	7.8315E-05 (211)	9.4111E-05 (150)
6	5.9280E-10 (229)	6.6044E-05 (229)	5.0058E-05 (229)	7.6152E-05 (261)	8.9017E-05 (211)
7	6.2920E-10 (229)	7.4242E-05 (238)	5.8109E-05 (229)	8.0361E-05 (194)	9.3245E-05 (194)
8	4.6942E-10 (207)	4.7054E-05 (249)	5.4648E-05 (207)	8.3203E-05 (195)	8.7321E-05 (195)
9	4.9803E-10 (207)	7.0147E-05 (207)	7.8563E-05 (87)	1.0378E-04 (242)	1.3436E-04 (124)
10	3.0371E-10 (150)	6.6136E-05 (222)	6.5186E-05 (87)	1.0207E-04 (242)	1.2164E-04 (242)
11	3.0125E-10 (222)	3.2991E-05 (150)	4.7563E-05 (184)	4.3506E-05 (248)	5.8596E-05 (131)
12	8.9442E-11 (222)	8.2730E-06 (222)	1.7261E-05 (222)	2.0118E-05 (143)	3.3834E-05 (143)
13	1.3253E-11 (222)	9.9887E-07 (150)	1.1400E-05 (23)	3.8615E-05 (146)	6.6737E-05 (146)
14	5.5656E-12 (247)	4.2695E-07 (289)	1.2332E-05 (289)	2.7755E-05 (184)	3.3581E-05 (289)
15	4.7567E-11 (247)	2.6272E-06 (247)	7.1942E-06 (240)	2.0536E-05 (362)	2.9154E-05 (198)
16	1.5596E-11 (184)	1.1699E-06 (184)	8.1246E-06 (247)	1.8871E-05 (240)	2.5429E-05 (240)
17	9.4964E-11 (189)	5.9184E-06 (189)	2.8113E-05 (247)	2.3567E-05 (59)	3.3385E-05 (59)
18	3.5238E-10 (189)	2.7692E-05 (189)	3.0183E-05 (263)	3.3052E-05 (247)	3.9254E-05 (247)
19	6.5489E-10 (247)	5.6992E-05 (247)	3.3145E-05 (247)	3.8798E-05 (189)	4.1422E-05 (189)
20	5.5058E-10 (163)	5.3040E-05 (163)	3.5930E-05 (163)	5.4507E-05 (189)	5.6577E-05 (189)
21	5.0709E-10 (189)	7.5242E-05 (163)	5.2831E-05 (163)	4.5313E-05 (252)	6.8475E-05 (252)
22	1.7730E-10 (189)	5.3040E-05 (163)	3.5938E-05 (163)	3.4606E-05 (265)	4.3342E-05 (265)
23	8.8033E-11 (248)	4.4199E-05 (186)	4.8462E-05 (189)	4.8109E-05 (156)	5.7327E-05 (156)
24	5.0757E-11 (163)	6.7242E-05 (186)	6.1069E-05 (247)	6.2214E-05 (186)	6.2063E-05 (156)
25	7.6310E-12 (247)	6.5976E-05 (248)	5.8584E-05 (186)	4.9689E-05 (156)	6.4054E-05 (247)
26	6.7409E-12 (247)	7.0754E-05 (248)	5.8227E-05 (156)	5.1082E-05 (156)	7.1945E-05 (265)
27	3.3705E-12 (247)	3.7711E-05 (248)	3.1407E-05 (156)	3.7433E-05 (310)	5.7297E-05 (310)
28	9.4986E-13 (247)	1.0307E-05 (156)	2.3654E-05 (186)	4.6641E-05 (186)	5.2192E-05 (186)
29	1.5029E-13 (247)	2.8780E-06 (248)	2.1630E-05 (186)	5.2049E-05 (27)	6.5139E-05 (27)
30	1.0627E-13 (212)	1.1171E-05 (248)	1.9417E-05 (241)	4.2774E-05 (241)	4.7235E-05 (228)
31	2.3146E-13 (212)	1.3511E-05 (163)	2.5174E-05 (163)	3.7208E-05 (196)	5.0543E-05 (196)
32	1.6580E-13 (212)	2.5223E-06 (163)	2.1741E-05 (196)	3.9708E-05 (196)	5.3845E-05 (307)
33	3.9059E-14 (212)	1.3550E-06 (196)	2.0989E-05 (196)	4.7092E-05 (229)	5.1095E-05 (314)
34	8.4867E-13 (215)	7.5947E-07 (186)	1.0728E-05 (186)	2.3946E-05 (54)	3.7593E-05 (314)
35	2.3955E-13 (248)	1.2261E-06 (215)	7.7800E-06 (87)	2.3678E-05 (238)	3.2517E-05 (238)
36	1.0472E-13 (136)	1.8944E-06 (136)	1.1726E-05 (315)	3.0922E-05 (64)	4.5622E-05 (64)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 6.7957E-04 DIRECTION= 9 DISTANCE= 2.5 KM DAY=124 TIME PERIOD= 4

YEAR= 72

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	1.0528E-12 (211, 4)	1.7156E-05 (211, 4)	1.7658E-04 (211, 4)	2.4966E-04 (111, 5)	3.2027E-04 (113, 4)
2	9.6416E-12 (229, 4)	4.1650E-05 (241, 5)	1.4117E-04 (110, 5)	2.6409E-04 (55, 5)	4.1378E-04 (55, 5)
3	1.1101E-10 (229, 4)	1.9399E-04 (241, 5)	2.6777E-04 (110, 5)	4.5725E-04 (110, 5)	4.8057E-04 (110, 5)
4	7.0426E-10 (229, 4)	4.4897E-04 (241, 5)	3.7165E-04 (241, 5)	3.3907E-04 (110, 5)	3.9003E-04 (110, 5)
5	2.4620E-09 (229, 4)	4.6813E-04 (215, 4)	4.0197E-04 (215, 4)	4.5420E-04 (102, 5)	5.0367E-04 (102, 5)
6	4.7424E-09 (229, 4)	5.2809E-04 (229, 4)	3.9435E-04 (229, 4)	4.9280E-04 (215, 4)	5.4835E-04 (261, 5)
7	5.0336E-09 (229, 4)	5.9394E-04 (238, 5)	4.2595E-04 (229, 4)	4.4853E-04 (298, 5)	4.4104E-04 (216, 5)
8	3.7537E-09 (207, 4)	3.7642E-04 (249, 4)	4.3387E-04 (207, 4)	4.5341E-04 (216, 5)	4.2829E-04 (248, 4)
9	3.9842E-09 (207, 4)	5.6117E-04 (207, 4)	5.8898E-04 (222, 4)	5.7028E-04 (248, 4)	6.7957E-04 (124, 4)
10	2.4297E-09 (150, 5)	5.2904E-04 (222, 4)	4.1319E-04 (189, 4)	5.1782E-04 (242, 4)	6.0827E-04 (183, 5)
11	2.4100E-09 (222, 4)	2.6393E-04 (150, 5)	3.8013E-04 (184, 4)	3.3856E-04 (184, 4)	3.5134E-04 (248, 5)
12	7.1554E-10 (222, 4)	6.6161E-05 (222, 4)	1.3480E-04 (222, 4)	1.3830E-04 (222, 4)	1.9708E-04 (97, 5)
13	1.0603E-10 (222, 4)	7.9910E-06 (150, 5)	9.1200E-05 (23, 5)	2.2309E-04 (23, 5)	2.9734E-04 (146, 4)
14	4.4525E-11 (247, 5)	3.4128E-06 (289, 4)	9.8435E-05 (289, 4)	2.2204E-04 (184, 4)	2.6746E-04 (289, 4)
15	3.8054E-10 (247, 5)	2.1018E-05 (247, 5)	5.7553E-05 (240, 5)	1.6244E-04 (198, 6)	2.3323E-04 (198, 6)
16	1.2477E-10 (184, 4)	9.3588E-06 (184, 4)	6.4803E-05 (247, 5)	1.5097E-04 (240, 5)	2.0344E-04 (240, 5)
17	7.5971E-10 (189, 5)	4.7347E-05 (189, 5)	1.8610E-04 (263, 4)	1.8854E-04 (59, 4)	2.6708E-04 (59, 4)
18	2.8190E-09 (189, 5)	2.2145E-04 (189, 5)	1.9483E-04 (263, 5)	2.3600E-04 (157, 5)	2.9799E-04 (263, 5)
19	5.2391E-09 (247, 5)	4.5593E-04 (247, 5)	2.5960E-04 (247, 5)	2.0331E-04 (252, 5)	2.4036E-04 (252, 5)
20	4.4046E-09 (163, 4)	4.2432E-04 (163, 4)	2.8744E-04 (163, 4)	2.3870E-04 (252, 5)	2.7042E-04 (252, 4)
21	4.0567E-09 (189, 5)	6.0193E-04 (163, 4)	4.2265E-04 (163, 4)	2.8449E-04 (189, 5)	2.8357E-04 (265, 4)
22	1.4184E-09 (189, 5)	4.2432E-04 (163, 4)	2.8750E-04 (163, 4)	2.4036E-04 (157, 6)	3.0060E-04 (19, 5)
23	7.0426E-10 (248, 5)	3.5359E-04 (186, 4)	3.4752E-04 (189, 5)	3.0283E-04 (186, 4)	2.8232E-04 (217, 4)
24	4.0605E-10 (163, 4)	3.9888E-04 (247, 4)	3.1318E-04 (247, 4)	4.5930E-04 (158, 5)	4.0948E-04 (186, 4)
25	5.0428E-11 (163, 4)	5.2780E-04 (248, 5)	4.6867E-04 (186, 4)	3.5964E-04 (186, 4)	3.3522E-04 (247, 4)
26	3.7258E-11 (247, 5)	5.0821E-04 (156, 4)	4.2735E-04 (247, 4)	3.5625E-04 (156, 4)	4.3538E-04 (257, 4)
27	2.0530E-11 (247, 5)	2.9034E-04 (156, 4)	2.0517E-04 (247, 4)	2.8465E-04 (267, 4)	3.3440E-04 (207, 3)
28	6.2334E-12 (247, 5)	8.2458E-05 (156, 4)	1.6859E-04 (154, 4)	2.7692E-04 (154, 4)	3.1012E-04 (163, 4)
29	1.0429E-12 (247, 5)	1.2517E-05 (248, 4)	1.5127E-04 (186, 5)	2.7077E-04 (186, 5)	2.9799E-04 (197, 3)
30	3.4779E-12 (248, 4)	8.8682E-05 (248, 4)	1.5531E-04 (241, 4)	3.4073E-04 (241, 4)	3.6951E-04 (163, 4)
31	1.8517E-12 (212, 5)	1.0809E-04 (163, 4)	2.0139E-04 (163, 4)	2.8255E-04 (212, 5)	2.9312E-04 (223, 4)
32	1.3264E-12 (212, 5)	2.0178E-05 (163, 4)	1.1888E-04 (212, 5)	2.4077E-04 (229, 4)	3.2348E-04 (229, 4)
33	3.1247E-13 (212, 5)	1.0148E-05 (186, 4)	1.5022E-04 (186, 4)	3.7666E-04 (229, 4)	3.6700E-04 (248, 4)
34	6.7894E-12 (215, 4)	6.0758E-06 (186, 4)	8.5824E-05 (186, 4)	1.8695E-04 (223, 4)	2.5621E-04 (54, 4)
35	1.9164E-12 (248, 4)	9.8088E-06 (215, 4)	6.2247E-05 (87, 4)	1.8942E-04 (238, 4)	2.6014E-04 (238, 4)
36	8.3776E-13 (136, 4)	1.5156E-05 (136, 4)	9.2806E-05 (315, 4)	2.4738E-04 (64, 4)	3.6497E-04 (64, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.2116E-04 DIRECTION= 17 DISTANCE= 1.0 KM DAY=131

YEAR= 73

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	1.1109E-10 (236)	4.6626E-05 (163)	3.5492E-05 (199)	3.7359E-05 (163)	4.3421E-05 (146)
2	2.8829E-10 (236)	4.7988E-05 (236)	4.8314E-05 (199)	4.2963E-05 (157)	5.3993E-05 (147)
3	4.1221E-10 (236)	4.9553E-05 (199)	5.7241E-05 (236)	6.8661E-05 (215)	7.5630E-05 (215)
4	3.0048E-10 (192)	6.2829E-05 (173)	7.0240E-05 (173)	6.1250E-05 (173)	6.4893E-05 (313)
5	4.1033E-10 (222)	8.5570E-05 (252)	8.9071E-05 (252)	9.0024E-05 (192)	9.8618E-05 (192)
6	5.2080E-10 (222)	9.8356E-05 (252)	1.0235E-04 (252)	9.8815E-05 (252)	9.6621E-05 (209)
7	3.6429E-10 (222)	5.6096E-05 (252)	6.4567E-05 (182)	9.7147E-05 (185)	1.1501E-04 (187)
8	1.4054E-10 (222)	1.8814E-05 (222)	5.5844E-05 (181)	1.0126E-04 (185)	1.1784E-04 (181)
9	4.0178E-11 (259)	4.5800E-06 (222)	5.1282E-05 (132)	9.5841E-05 (132)	1.1163E-04 (132)
10	5.2482E-11 (218)	1.9933E-05 (259)	3.4987E-05 (132)	6.6730E-05 (132)	8.2069E-05 (132)
11	7.7033E-12 (218)	9.3772E-06 (218)	3.3208E-05 (208)	5.9645E-05 (169)	6.8609E-05 (169)
12	9.5632E-12 (235)	2.0083E-06 (143)	1.9658E-05 (143)	3.4047E-05 (100)	4.9082E-05 (259)
13	4.6909E-11 (235)	3.9390E-06 (235)	1.0881E-05 (197)	3.0432E-05 (103)	3.1572E-05 (259)
14	1.7827E-10 (259)	1.9595E-05 (259)	1.9041E-05 (197)	3.4006E-05 (138)	3.9283E-05 (38)
15	7.2990E-11 (131)	4.6791E-05 (119)	3.6720E-05 (235)	2.8488E-05 (119)	3.7095E-05 (103)
16	2.4040E-10 (131)	6.0206E-05 (131)	4.6275E-05 (235)	3.7623E-05 (95)	4.9175E-05 (356)
17	4.2967E-10 (238)	1.2116E-04 (131)	9.9178E-05 (131)	7.6612E-05 (131)	6.2710E-05 (131)
18	4.3627E-10 (131)	7.3784E-05 (238)	5.5279E-05 (119)	4.6438E-05 (221)	6.4055E-05 (221)
19	2.4040E-10 (131)	5.9821E-05 (238)	3.5933E-05 (238)	3.9003E-05 (103)	4.4672E-05 (131)
20	1.5776E-10 (221)	2.4101E-05 (238)	2.5219E-05 (183)	5.8095E-05 (183)	7.0712E-05 (183)
21	2.6016E-10 (191)	4.8869E-05 (221)	4.2421E-05 (221)	7.6141E-05 (183)	9.8713E-05 (183)
22	5.8538E-10 (221)	7.4564E-05 (221)	6.6211E-05 (221)	7.2540E-05 (221)	7.7035E-05 (221)
23	4.6122E-10 (221)	5.7290E-05 (221)	6.8901E-05 (221)	9.9430E-05 (221)	9.3830E-05 (191)
24	2.0024E-10 (221)	2.2238E-05 (221)	3.8795E-05 (221)	6.7282E-05 (221)	6.5913E-05 (191)
25	1.3850E-10 (232)	4.0748E-05 (260)	4.7258E-05 (260)	5.2031E-05 (240)	7.3971E-05 (260)
26	1.2365E-10 (191)	4.0457E-05 (232)	3.1101E-05 (154)	6.4960E-05 (154)	7.8993E-05 (154)
27	1.7076E-11 (191)	5.3821E-05 (260)	5.4702E-05 (232)	6.0286E-05 (260)	6.6724E-05 (158)
28	1.8333E-12 (233)	2.1672E-05 (260)	4.2084E-05 (158)	7.2901E-05 (232)	8.2001E-05 (232)
29	1.8736E-11 (233)	4.3358E-06 (260)	2.4055E-05 (238)	5.6945E-05 (238)	7.4626E-05 (238)
30	4.2053E-11 (232)	3.3057E-06 (232)	1.7739E-05 (171)	4.2757E-05 (202)	5.8800E-05 (171)
31	5.5433E-12 (232)	7.4846E-06 (261)	2.3298E-05 (233)	3.3640E-05 (217)	4.2377E-05 (224)
32	1.2802E-12 (261)	3.0310E-05 (261)	4.6631E-05 (233)	7.9253E-05 (224)	8.2431E-05 (217)
33	2.3233E-12 (261)	6.0994E-05 (261)	4.9971E-05 (224)	8.9802E-05 (202)	9.7348E-05 (224)
34	8.9656E-12 (199)	3.0403E-05 (233)	3.8321E-05 (217)	5.5154E-05 (261)	7.1542E-05 (202)
35	6.8015E-11 (199)	3.0310E-05 (261)	3.2803E-05 (261)	5.2176E-05 (228)	6.2146E-05 (177)
36	2.3590E-11 (236)	2.1410E-05 (199)	4.0500E-05 (160)	6.6839E-05 (160)	6.6202E-05 (163)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 6.5601E-04 DIRECTION= 2 DISTANCE= 2.5 KM DAY=232 TIME PERIOD= 4

YEAR= 73

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	8.8876E-10 (230, 4)	3.7284E-04 (163, 4)	2.8394E-04 (199, 4)	2.7572E-04 (163, 4)	2.8141E-04 (226, 4)
2	2.3063E-09 (230, 4)	3.8391E-04 (236, 4)	2.8832E-04 (236, 4)	3.4371E-04 (157, 5)	3.7576E-04 (157, 5)
3	3.2977E-09 (230, 4)	3.9642E-04 (199, 4)	3.4912E-04 (173, 5)	3.8434E-04 (151, 4)	4.4792E-04 (269, 5)
4	2.4038E-09 (192, 4)	4.4153E-04 (236, 4)	4.5147E-04 (182, 4)	4.3240E-04 (182, 4)	4.1104E-04 (182, 4)
5	3.2820E-09 (222, 4)	5.6589E-04 (192, 4)	6.2293E-04 (252, 4)	5.9573E-04 (192, 4)	5.2997E-04 (192, 4)
6	4.1663E-09 (222, 4)	6.2143E-04 (222, 4)	5.9586E-04 (222, 4)	4.7847E-04 (182, 5)	4.6269E-04 (252, 4)
7	2.9138E-09 (222, 4)	4.4786E-04 (252, 4)	3.9223E-04 (252, 4)	5.4890E-04 (216, 5)	5.7398E-04 (216, 5)
8	1.1229E-09 (222, 4)	1.3343E-04 (222, 4)	2.8316E-04 (185, 4)	5.7316E-04 (185, 4)	6.5203E-04 (181, 4)
9	3.2142E-10 (259, 4)	2.7392E-05 (259, 4)	2.4272E-04 (132, 5)	4.8254E-04 (132, 5)	5.1488E-04 (152, 4)
10	4.1986E-10 (218, 4)	1.5682E-04 (259, 4)	2.0875E-04 (208, 4)	3.3548E-04 (140, 4)	4.1081E-04 (140, 4)
11	6.1627E-11 (218, 4)	7.4997E-05 (218, 4)	2.6564E-04 (208, 4)	3.2345E-04 (259, 4)	2.9162E-04 (215, 5)
12	5.2506E-11 (235, 5)	1.6048E-05 (143, 5)	1.5440E-04 (143, 5)	2.4176E-04 (208, 4)	2.7209E-04 (100, 4)
13	3.7527E-10 (235, 5)	3.1387E-05 (235, 5)	8.7032E-05 (197, 5)	1.9168E-04 (103, 5)	2.3357E-04 (103, 5)
14	1.4261E-09 (259, 4)	1.5676E-04 (259, 4)	1.5233E-04 (197, 5)	2.7204E-04 (138, 4)	3.1427E-04 (38, 4)
15	5.8392E-10 (131, 4)	2.3748E-04 (119, 4)	2.3653E-04 (119, 4)	2.1589E-04 (103, 5)	2.9094E-04 (118, 4)
16	1.9232E-09 (131, 4)	4.7996E-04 (235, 5)	3.7020E-04 (235, 5)	2.8740E-04 (235, 5)	3.0391E-04 (119, 4)
17	3.4374E-09 (238, 5)	5.5420E-04 (119, 5)	4.3820E-04 (119, 4)	3.4126E-04 (119, 4)	2.7842E-04 (119, 4)
18	3.4902E-09 (131, 4)	5.9027E-04 (238, 5)	3.6227E-04 (238, 5)	2.6879E-04 (190, 5)	3.1479E-04 (103, 4)
19	1.9232E-09 (131, 4)	4.7857E-04 (238, 5)	2.8746E-04 (238, 5)	3.1026E-04 (103, 4)	3.5737E-04 (131, 4)
20	1.2021E-09 (221, 5)	1.9281E-04 (238, 5)	1.3408E-04 (183, 4)	2.6311E-04 (183, 4)	2.9624E-04 (233, 4)
21	1.1103E-09 (191, 4)	3.9026E-04 (221, 5)	2.8034E-04 (221, 5)	4.2510E-04 (183, 4)	4.6789E-04 (233, 5)
22	3.0582E-09 (191, 4)	3.6107E-04 (191, 4)	3.2386E-04 (191, 4)	3.9251E-04 (221, 5)	5.0228E-04 (78, 4)
23	4.5727E-09 (191, 5)	5.7690E-04 (191, 5)	4.4967E-04 (221, 5)	4.7174E-04 (221, 5)	4.4050E-04 (221, 5)
24	3.8815E-09 (191, 4)	4.7895E-04 (191, 4)	3.4604E-04 (191, 5)	3.6128E-04 (191, 4)	3.1900E-04 (235, 4)
25	1.7886E-09 (191, 4)	2.1673E-04 (191, 5)	2.5565E-04 (191, 4)	3.0292E-04 (235, 4)	4.3789E-04 (240, 5)
26	5.3503E-10 (191, 5)	3.2366E-04 (232, 4)	2.4432E-04 (232, 4)	3.1093E-04 (154, 5)	3.3870E-04 (260, 5)
27	7.9455E-11 (191, 5)	4.2985E-04 (260, 5)	4.1742E-04 (260, 5)	4.4578E-04 (232, 4)	4.3107E-04 (232, 4)
28	1.4667E-11 (233, 5)	1.7318E-04 (260, 5)	3.3647E-04 (158, 4)	5.8321E-04 (232, 4)	6.5601E-04 (232, 4)
29	1.4989E-10 (233, 5)	3.4672E-05 (260, 5)	1.6452E-04 (239, 5)	2.7118E-04 (232, 4)	3.2314E-04 (158, 4)
30	3.3643E-10 (232, 4)	2.6446E-05 (232, 4)	1.4172E-04 (171, 4)	2.4159E-04 (204, 5)	3.1293E-04 (238, 3)
31	4.4347E-11 (232, 4)	5.9877E-05 (261, 4)	1.8638E-04 (233, 5)	2.4397E-04 (204, 5)	3.2195E-04 (112, 4)
32	1.0241E-11 (261, 4)	2.4248E-04 (261, 4)	2.6243E-04 (261, 4)	3.5861E-04 (217, 4)	4.1931E-04 (224, 5)
33	1.8586E-11 (261, 4)	4.8795E-04 (261, 4)	3.4537E-04 (233, 5)	4.4123E-04 (261, 4)	5.1765E-04 (202, 5)
34	7.1724E-11 (199, 4)	2.4322E-04 (233, 5)	1.9168E-04 (217, 4)	3.9658E-04 (217, 4)	4.6171E-04 (217, 4)
35	5.4412E-10 (199, 4)	2.4248E-04 (261, 4)	2.6243E-04 (261, 4)	2.9734E-04 (163, 4)	2.9424E-04 (150, 4)
36	1.8872E-10 (230, 4)	1.7128E-04 (199, 4)	1.9701E-04 (160, 4)	3.0656E-04 (160, 4)	3.3324E-04 (226, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.1551E-04 DIRECTION= 9 DISTANCE= 2.5 KM DAY=173

YEAR= 74

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	3.1746E-10 (237)	7.3258E-05 (221)	5.4618E-05 (221)	6.0265E-05 (242)	6.2072E-05 (161)
2	8.0607E-11 (237)	4.8948E-05 (161)	4.5396E-05 (221)	4.2219E-05 (161)	5.2371E-05 (127)
3	1.4036E-10 (199)	1.5834E-05 (199)	3.5313E-05 (207)	6.0631E-05 (152)	6.0356E-05 (152)
4	8.4088E-11 (221)	4.1857E-05 (173)	4.0795E-05 (158)	4.5990E-05 (229)	6.2477E-05 (229)
5	1.2547E-11 (221)	6.3733E-05 (173)	6.8358E-05 (200)	6.7720E-05 (234)	7.2508E-05 (234)
6	5.9654E-11 (156)	5.5753E-05 (199)	6.6570E-05 (173)	8.5845E-05 (151)	9.5773E-05 (129)
7	1.7814E-10 (199)	2.7485E-05 (156)	4.2245E-05 (190)	7.3763E-05 (197)	8.3383E-05 (197)
8	4.2416E-11 (199)	4.0860E-05 (109)	3.6599E-05 (197)	6.7153E-05 (148)	8.9034E-05 (196)
9	5.6176E-12 (199)	6.2162E-05 (109)	5.3292E-05 (156)	8.7247E-05 (198)	1.1551E-04 (173)
10	4.5072E-12 (223)	4.8052E-05 (211)	7.1553E-05 (211)	6.6866E-05 (223)	7.6774E-05 (121)
11	4.7839E-12 (223)	5.5966E-05 (211)	7.3248E-05 (211)	5.7463E-05 (211)	6.0973E-05 (200)
12	3.7246E-12 (211)	3.7941E-05 (223)	4.5575E-05 (223)	5.0953E-05 (211)	4.5047E-05 (223)
13	2.1139E-12 (156)	1.0046E-05 (223)	1.8260E-05 (237)	3.3269E-05 (167)	4.3588E-05 (211)
14	2.4063E-13 (234)	2.3426E-06 (234)	5.9599E-06 (237)	1.8435E-05 (99)	2.6983E-05 (211)
15	1.1332E-12 (234)	1.4432E-05 (234)	1.3282E-05 (234)	1.7943E-05 (109)	2.5148E-05 (364)
16	3.4337E-13 (211)	2.9406E-06 (211)	1.3811E-05 (282)	3.4572E-05 (234)	4.0808E-05 (338)
17	1.4511E-12 (196)	2.9585E-06 (243)	1.0811E-05 (180)	3.1472E-05 (282)	4.5606E-05 (282)
18	3.3129E-12 (234)	1.6996E-05 (243)	1.6008E-05 (108)	3.9793E-05 (108)	5.3192E-05 (108)
19	5.2701E-12 (243)	1.9091E-05 (234)	1.8080E-05 (234)	2.8713E-05 (243)	3.5902E-05 (108)
20	3.7654E-11 (233)	3.7089E-05 (196)	2.1096E-05 (196)	3.5625E-05 (282)	4.5662E-05 (311)
21	1.7733E-10 (233)	4.8517E-05 (243)	3.8805E-05 (243)	3.9167E-05 (264)	5.3074E-05 (264)
22	4.1743E-10 (196)	5.1396E-05 (233)	4.6656E-05 (233)	5.6155E-05 (265)	6.4057E-05 (172)
23	2.2077E-10 (204)	6.5869E-05 (190)	5.8932E-05 (190)	5.7860E-05 (233)	5.9283E-05 (286)
24	4.5138E-10 (204)	6.5869E-05 (190)	5.8932E-05 (190)	6.6768E-05 (238)	6.4618E-05 (306)
25	2.2506E-10 (233)	7.6025E-05 (204)	6.5242E-05 (204)	6.4563E-05 (305)	8.5659E-05 (286)
26	3.0774E-10 (172)	5.6359E-05 (204)	5.8224E-05 (180)	7.4795E-05 (305)	1.0326E-04 (305)
27	5.4498E-10 (227)	7.1178E-05 (227)	7.1354E-05 (260)	9.1099E-05 (110)	1.0724E-04 (110)
28	5.4498E-10 (227)	7.0897E-05 (172)	6.8122E-05 (227)	6.7062E-05 (172)	7.2599E-05 (172)
29	3.6799E-10 (172)	6.1177E-05 (164)	6.9224E-05 (164)	9.5285E-05 (240)	9.4027E-05 (221)
30	3.5681E-10 (159)	6.7114E-05 (243)	7.3158E-05 (243)	7.3546E-05 (221)	6.3752E-05 (221)
31	7.5046E-10 (240)	6.0819E-05 (159)	6.3249E-05 (243)	6.1871E-05 (243)	6.9858E-05 (136)
32	4.9038E-10 (221)	7.5122E-05 (159)	5.9472E-05 (226)	6.6888E-05 (241)	7.1398E-05 (187)
33	6.1106E-10 (159)	6.8185E-05 (97)	7.8076E-05 (221)	8.1060E-05 (221)	7.8966E-05 (97)
34	5.1877E-10 (221)	5.2043E-05 (226)	5.5591E-05 (221)	8.3372E-05 (226)	7.0000E-05 (199)
35	3.5370E-10 (221)	3.0806E-05 (221)	4.7666E-05 (226)	5.8730E-05 (242)	7.2432E-05 (242)
36	4.9341E-10 (221)	6.0482E-05 (237)	3.9184E-05 (221)	5.8901E-05 (161)	4.8813E-05 (161)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MA*3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 7.6215E-04 DIRECTION= 29 DISTANCE= 2.0 KM DAY=240 TIME PERIOD= 4

YEAR= 74

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	2.5397E-09 (237, 5)	5.8337E-04 (221, 5)	4.2299E-04 (221, 5)	3.2562E-04 (221, 5)	3.1722E-04 (228, 4)
2	6.4486E-10 (237, 5)	3.9159E-04 (161, 4)	3.6254E-04 (221, 5)	2.8859E-04 (310, 4)	3.9252E-04 (207, 5)
3	1.1229E-09 (199, 5)	1.2667E-04 (199, 5)	1.7187E-04 (158, 5)	2.6495E-04 (158, 5)	2.8394E-04 (86, 4)
4	6.7590E-10 (221, 5)	3.3485E-04 (173, 5)	2.8790E-04 (158, 5)	3.5767E-04 (229, 4)	4.5813E-04 (229, 4)
5	1.0037E-10 (221, 5)	5.0986E-04 (173, 5)	5.4491E-04 (200, 4)	5.1880E-04 (173, 5)	4.8218E-04 (204, 5)
6	4.7600E-10 (156, 4)	4.4602E-04 (199, 5)	5.3232E-04 (173, 5)	5.0102E-04 (151, 5)	5.3795E-04 (151, 5)
7	1.4251E-09 (199, 5)	2.1554E-04 (156, 4)	3.1873E-04 (173, 5)	3.7840E-04 (151, 5)	4.3473E-04 (129, 4)
8	3.4093E-10 (199, 5)	3.2688E-04 (109, 5)	2.8073E-04 (109, 5)	4.7233E-04 (197, 5)	5.2825E-04 (148, 4)
9	4.4941E-11 (199, 5)	4.9730E-04 (109, 5)	4.2630E-04 (156, 4)	4.8523E-04 (151, 4)	5.7714E-04 (151, 4)
10	3.6057E-11 (223, 4)	3.7595E-04 (109, 5)	5.5631E-04 (211, 5)	4.6390E-04 (211, 5)	4.2683E-04 (211, 5)
11	3.8271E-11 (223, 4)	3.1393E-04 (211, 5)	4.7523E-04 (211, 5)	3.8243E-04 (211, 5)	3.9057E-04 (167, 5)
12	2.9796E-11 (211, 4)	3.0334E-04 (223, 4)	3.4509E-04 (223, 4)	2.6752E-04 (211, 4)	2.9261E-04 (195, 5)
13	1.6911E-11 (156, 4)	8.0331E-05 (223, 4)	1.4608E-04 (237, 5)	2.6088E-04 (237, 5)	2.7882E-04 (237, 5)
14	1.9250E-12 (234, 4)	1.8741E-05 (234, 4)	4.7679E-05 (237, 5)	1.0084E-04 (99, 5)	1.7192E-04 (99, 5)
15	9.0657E-12 (234, 4)	1.1546E-04 (234, 4)	1.0626E-04 (234, 4)	1.4354E-04 (109, 6)	2.0119E-04 (364, 5)
16	2.7469E-12 (211, 4)	2.3525E-05 (211, 4)	9.5075E-05 (109, 6)	2.2550E-04 (282, 4)	2.7207E-04 (109, 6)
17	1.1609E-11 (196, 4)	2.3668E-05 (243, 5)	8.6487E-05 (180, 5)	1.9732E-04 (180, 5)	2.4262E-04 (41, 5)
18	2.6503E-11 (234, 4)	1.3596E-04 (243, 5)	1.0896E-04 (108, 5)	2.6172E-04 (311, 5)	2.8796E-04 (211, 4)
19	4.2161E-11 (243, 5)	1.5273E-04 (234, 4)	1.4464E-04 (234, 4)	2.1055E-04 (108, 5)	2.3209E-04 (108, 5)
20	3.0123E-10 (233, 4)	2.9671E-04 (196, 4)	1.6877E-04 (196, 4)	2.5723E-04 (114, 4)	3.2416E-04 (282, 4)
21	1.4186E-09 (233, 4)	3.8814E-04 (243, 5)	3.1043E-04 (243, 5)	2.6526E-04 (281, 4)	3.6831E-04 (264, 5)
22	3.3394E-09 (196, 4)	4.1117E-04 (233, 4)	3.7325E-04 (233, 4)	2.9300E-04 (265, 4)	4.4253E-04 (265, 4)
23	1.7662E-09 (204, 4)	5.2695E-04 (190, 4)	4.7146E-04 (190, 4)	4.5947E-04 (172, 4)	3.8292E-04 (233, 4)
24	3.6111E-09 (204, 4)	5.2695E-04 (190, 4)	4.7146E-04 (190, 4)	4.3855E-04 (286, 5)	4.8849E-04 (306, 4)
25	1.8005E-09 (233, 4)	6.0820E-04 (204, 4)	5.2192E-04 (204, 4)	4.7841E-04 (286, 5)	5.1062E-04 (110, 5)
26	2.4620E-09 (172, 4)	4.5087E-04 (204, 4)	4.6579E-04 (180, 4)	4.5643E-04 (110, 4)	4.7792E-04 (110, 4)
27	4.3598E-09 (227, 4)	5.6943E-04 (227, 4)	5.7083E-04 (260, 4)	5.7217E-04 (180, 4)	5.0125E-04 (180, 4)
28	4.3598E-09 (227, 4)	5.6603E-04 (172, 4)	5.4494E-04 (227, 4)	4.3102E-04 (164, 4)	3.7397E-04 (227, 4)
29	2.9440E-09 (172, 4)	4.8942E-04 (164, 4)	5.5370E-04 (164, 4)	7.6215E-04 (240, 4)	7.5222E-04 (221, 4)
30	2.8545E-09 (159, 5)	5.3691E-04 (243, 4)	5.8516E-04 (243, 4)	5.8818E-04 (221, 4)	5.0986E-04 (221, 4)
31	4.0037E-09 (240, 4)	4.8652E-04 (159, 5)	5.0595E-04 (243, 4)	4.9494E-04 (187, 4)	4.7378E-04 (243, 4)
32	3.9217E-09 (221, 4)	6.0027E-04 (159, 5)	4.7577E-04 (226, 4)	4.9982E-04 (226, 4)	4.8267E-04 (226, 4)
33	4.8885E-09 (159, 5)	5.4547E-04 (97, 5)	5.1022E-04 (221, 4)	5.3045E-04 (97, 5)	5.3942E-04 (97, 5)
34	3.9190E-09 (221, 4)	4.1635E-04 (226, 4)	3.4452E-04 (221, 4)	4.2703E-04 (199, 4)	5.4778E-04 (199, 4)
35	1.6030E-09 (221, 4)	2.0869E-04 (161, 4)	3.7690E-04 (237, 5)	2.8052E-04 (226, 4)	3.7202E-04 (236, 5)
36	3.5860E-09 (221, 5)	4.8385E-04 (237, 5)	2.9907E-04 (237, 5)	2.7247E-04 (242, 5)	3.0504E-04 (210, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.1760E-04 DIRECTION= 9 DISTANCE= 2.5 KM DAY=179

YEAR= 75

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	6.2920E-10 (162)	7.1644E-05 (162)	6.2916E-05 (162)	5.9000E-05 (99)	6.9008E-05 (120)
2	4.5920E-10 (126)	6.2931E-05 (218)	5.4554E-05 (126)	4.6958E-05 (119)	7.3780E-05 (66)
3	3.8775E-10 (171)	6.1342E-05 (179)	4.3289E-05 (126)	5.3633E-05 (171)	6.4732E-05 (122)
4	5.2236E-10 (171)	7.2630E-05 (145)	4.9241E-05 (145)	7.2413E-05 (161)	7.9693E-05 (122)
5	3.9946E-10 (145)	5.2930E-05 (171)	5.0381E-05 (161)	6.9030E-05 (132)	7.3699E-05 (137)
6	5.2741E-10 (181)	6.6485E-05 (176)	5.7979E-05 (230)	7.4117E-05 (146)	8.3602E-05 (146)
7	2.7381E-10 (181)	6.6475E-05 (185)	8.2525E-05 (185)	9.3702E-05 (178)	1.0465E-04 (178)
8	1.2353E-10 (243)	3.8099E-05 (176)	7.4674E-05 (185)	8.4515E-05 (115)	9.4340E-05 (189)
9	1.1859E-10 (176)	4.7004E-05 (206)	5.7660E-05 (243)	9.2941E-05 (165)	1.1760E-04 (179)
10	8.0638E-11 (97)	9.1187E-05 (206)	1.0426E-04 (206)	8.2834E-05 (243)	9.1155E-05 (179)
11	1.7708E-10 (97)	9.0610E-05 (206)	9.1459E-05 (243)	7.0104E-05 (243)	6.2626E-05 (206)
12	1.9949E-10 (97)	4.9204E-05 (243)	4.5395E-05 (97)	3.3469E-05 (206)	3.9008E-05 (231)
13	1.2384E-10 (97)	1.6943E-05 (177)	1.9848E-05 (226)	4.0736E-05 (230)	6.6640E-05 (244)
14	4.2361E-11 (97)	1.1139E-05 (97)	1.7933E-05 (180)	3.7493E-05 (180)	4.8089E-05 (180)
15	7.9843E-12 (97)	3.3842E-05 (144)	2.7456E-05 (144)	3.8348E-05 (244)	4.9025E-05 (177)
16	4.0209E-12 (144)	5.9508E-05 (177)	5.4954E-05 (144)	4.2785E-05 (177)	4.7549E-05 (95)
17	3.7883E-12 (144)	2.2356E-05 (177)	2.3338E-05 (95)	3.8420E-05 (144)	3.6332E-05 (106)
18	1.9667E-12 (144)	1.2439E-05 (143)	1.8506E-05 (143)	2.6419E-05 (95)	3.2940E-05 (95)
19	4.9976E-12 (177)	2.2484E-05 (181)	1.8483E-05 (181)	3.3308E-05 (228)	3.6083E-05 (143)
20	3.7887E-12 (181)	4.8531E-05 (181)	4.3234E-05 (181)	4.6753E-05 (143)	4.8682E-05 (228)
21	4.0224E-12 (181)	5.2182E-05 (181)	4.8266E-05 (143)	4.2037E-05 (176)	5.4360E-05 (64)
22	2.3566E-12 (181)	2.8494E-05 (181)	3.4972E-05 (181)	4.0266E-05 (141)	6.7881E-05 (141)
23	7.9942E-13 (116)	1.3685E-05 (116)	2.3242E-05 (181)	3.9772E-05 (181)	5.0795E-05 (175)
24	2.7285E-12 (116)	3.9839E-05 (176)	4.0615E-05 (236)	4.1436E-05 (247)	5.0158E-05 (247)
25	1.0034E-11 (217)	1.0550E-05 (176)	3.2049E-05 (250)	5.9910E-05 (250)	6.7162E-05 (250)
26	1.4830E-11 (176)	4.8518E-06 (217)	3.6171E-05 (247)	8.2914E-05 (247)	7.4641E-05 (116)
27	5.0757E-11 (219)	2.4239E-05 (217)	4.4517E-05 (248)	9.2718E-05 (248)	1.1654E-04 (248)
28	2.2520E-10 (219)	1.8587E-05 (219)	3.9597E-05 (217)	6.7960E-05 (248)	8.1909E-05 (250)
29	5.5058E-10 (219)	5.3050E-05 (219)	3.8119E-05 (219)	5.8395E-05 (250)	6.8224E-05 (217)
30	4.8310E-10 (217)	6.6236E-05 (143)	5.7637E-05 (219)	6.0761E-05 (219)	7.1248E-05 (219)
31	3.8774E-10 (242)	5.3053E-05 (219)	4.6337E-05 (242)	4.9519E-05 (114)	5.2140E-05 (114)
32	2.2520E-10 (219)	2.5091E-05 (143)	2.8209E-05 (114)	5.2047E-05 (258)	6.1504E-05 (242)
33	5.0757E-11 (219)	4.1421E-05 (205)	5.7294E-05 (205)	6.7368E-05 (114)	7.3590E-05 (114)
34	8.8033E-11 (162)	1.8769E-05 (242)	4.0022E-05 (114)	7.4027E-05 (205)	7.7078E-05 (205)
35	1.7533E-10 (218)	2.7307E-05 (205)	2.4944E-05 (162)	4.3794E-05 (147)	5.5988E-05 (147)
36	4.8292E-10 (218)	4.7577E-05 (218)	4.2643E-05 (218)	4.4906E-05 (162)	4.6671E-05 (120)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAX3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 7.8845E-04 DIRECTION= 10 DISTANCE= 1.5 KM DAY=206 TIME PERIOD= 4

YEAR= 75

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	5.0336E-09 (162, 4)	5.7315E-04 (162, 4)	5.0333E-04 (162, 4)	4.6969E-04 (99, 5)	5.5206E-04 (120, 4)
2	3.6736E-09 (126, 4)	5.0345E-04 (218, 4)	4.3643E-04 (126, 4)	3.3742E-04 (126, 4)	3.6505E-04 (24, 4)
3	3.1019E-09 (171, 4)	4.9066E-04 (179, 5)	3.1491E-04 (179, 5)	3.3890E-04 (216, 5)	4.4685E-04 (216, 5)
4	4.1788E-09 (171, 4)	5.8062E-04 (145, 4)	3.9005E-04 (145, 4)	3.6071E-04 (171, 4)	3.7857E-04 (122, 4)
5	3.1906E-09 (145, 4)	4.2043E-04 (171, 4)	3.5698E-04 (171, 4)	5.5161E-04 (132, 4)	5.6078E-04 (132, 4)
6	4.2193E-09 (181, 5)	5.3185E-04 (176, 4)	4.6375E-04 (230, 4)	5.0350E-04 (146, 4)	5.6717E-04 (146, 4)
7	2.1905E-09 (181, 5)	5.2286E-04 (185, 4)	5.1364E-04 (185, 4)	4.9244E-04 (181, 5)	5.0698E-04 (230, 4)
8	9.8821E-10 (243, 4)	3.0397E-04 (176, 4)	4.7600E-04 (185, 4)	5.1940E-04 (185, 4)	5.1269E-04 (185, 4)
9	9.4875E-10 (176, 4)	3.5999E-04 (206, 4)	3.6470E-04 (206, 4)	5.4301E-04 (166, 5)	6.0454E-04 (166, 5)
10	6.9287E-10 (97, 4)	7.2443E-04 (206, 4)	7.8845E-04 (206, 4)	6.0859E-04 (206, 4)	4.9783E-04 (206, 4)
11	1.4166E-09 (97, 4)	7.2443E-04 (206, 4)	7.3167E-04 (243, 4)	5.6079E-04 (243, 4)	4.5608E-04 (243, 4)
12	1.5959E-09 (97, 4)	3.9363E-04 (243, 4)	3.6280E-04 (97, 4)	2.6592E-04 (206, 4)	2.6504E-04 (177, 5)
13	9.9072E-10 (97, 4)	1.3521E-04 (177, 4)	1.5128E-04 (230, 5)	2.4232E-04 (180, 5)	3.0983E-04 (244, 5)
14	3.3889E-10 (97, 4)	8.9112E-05 (97, 4)	1.3541E-04 (180, 5)	2.4488E-04 (180, 5)	3.4045E-04 (244, 5)
15	6.3874E-11 (97, 4)	2.7074E-04 (144, 4)	2.1965E-04 (144, 4)	2.2439E-04 (178, 4)	2.7479E-04 (297, 4)
16	3.2167E-11 (144, 4)	4.7607E-04 (177, 4)	4.3963E-04 (144, 4)	3.3389E-04 (144, 4)	2.7623E-04 (177, 4)
17	3.0306E-11 (144, 4)	1.7885E-04 (177, 4)	1.5301E-04 (177, 4)	2.8236E-04 (95, 4)	2.5479E-04 (105, 5)
18	1.5733E-11 (144, 4)	9.8100E-05 (143, 4)	1.0017E-04 (95, 4)	1.9089E-04 (95, 4)	2.3606E-04 (95, 4)
19	3.9981E-11 (177, 4)	1.7987E-04 (181, 4)	1.4786E-04 (181, 4)	2.0255E-04 (143, 4)	2.5079E-04 (94, 4)
20	3.0310E-11 (181, 4)	3.8825E-04 (181, 4)	3.4587E-04 (181, 4)	2.6646E-04 (228, 6)	3.4107E-04 (206, 4)
21	3.2179E-11 (181, 4)	4.1746E-04 (181, 4)	3.8600E-04 (143, 4)	3.1848E-04 (143, 4)	3.6491E-04 (176, 4)
22	1.8852E-11 (181, 4)	2.2795E-04 (181, 4)	2.7977E-04 (181, 4)	3.1597E-04 (181, 4)	3.3427E-04 (141, 4)
23	6.3954E-12 (116, 4)	1.0948E-04 (116, 4)	1.8594E-04 (181, 4)	3.1818E-04 (181, 4)	4.0353E-04 (181, 4)
24	2.1828E-11 (116, 4)	3.1871E-04 (176, 4)	3.2430E-04 (236, 4)	3.1729E-04 (247, 5)	3.8803E-04 (247, 5)
25	8.0272E-11 (217, 4)	8.4400E-05 (176, 4)	2.2560E-04 (236, 4)	4.2250E-04 (97, 4)	5.2688E-04 (97, 4)
26	1.1864E-10 (176, 4)	3.8814E-05 (217, 4)	2.1939E-04 (247, 4)	4.5865E-04 (247, 4)	5.2827E-04 (247, 4)
27	4.0605E-10 (219, 4)	1.9391E-04 (217, 4)	2.3590E-04 (247, 4)	4.5249E-04 (248, 5)	5.0423E-04 (248, 5)
28	1.8016E-09 (219, 4)	1.4870E-04 (219, 4)	2.4025E-04 (143, 5)	2.8966E-04 (184, 5)	3.3991E-04 (286, 4)
29	4.4046E-09 (219, 4)	4.2440E-04 (219, 4)	3.0468E-04 (219, 4)	2.8557E-04 (250, 4)	3.2430E-04 (250, 4)
30	3.8648E-09 (217, 4)	5.2979E-04 (143, 5)	4.5937E-04 (219, 4)	4.6184E-04 (219, 4)	4.9330E-04 (219, 4)
31	3.1019E-09 (242, 4)	4.2443E-04 (219, 4)	3.6405E-04 (143, 5)	3.4366E-04 (217, 4)	3.5564E-04 (217, 4)
32	1.8016E-09 (219, 4)	1.9881E-04 (143, 5)	1.7904E-04 (235, 4)	3.2524E-04 (168, 4)	4.5442E-04 (242, 4)
33	4.0605E-10 (219, 4)	3.2758E-04 (205, 4)	3.1042E-04 (205, 4)	5.0452E-04 (114, 5)	5.3417E-04 (170, 4)
34	7.0426E-10 (162, 4)	1.5015E-04 (242, 4)	3.0335E-04 (114, 5)	4.2243E-04 (260, 4)	5.0059E-04 (216, 4)
35	1.4027E-09 (218, 4)	2.1783E-04 (205, 4)	1.9955E-04 (162, 4)	3.1486E-04 (205, 4)	3.3226E-04 (205, 4)
36	3.8634E-09 (218, 4)	3.8062E-04 (218, 4)	3.4114E-04 (218, 4)	3.5925E-04 (162, 4)	3.2210E-04 (205, 4)

COMPOSITE HIGHEST,SECOND-HIGHEST 24-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	0.	73.	63.	60.	69.
2	0.	63.	56.	47.	74.
3	0.	61.	59.	69.	76.
4	0.	73.	83.	72.	80.
5	0.	86.	90.	90.	99.
6	0.	98.	102.	99.	97.
7	0.	74.	83.	97.	115.
8	0.	54.	75.	101.	118.
9	0.	70.	79.	108.	134.
10	0.	91.	104.	102.	122.
11	0.	91.	91.	70.	69.
12	0.	49.	49.	56.	49.
13	0.	24.	36.	41.	67.
14	0.	20.	19.	37.	48.
15	0.	47.	37.	39.	49.
16	0.	60.	55.	45.	49.
17	0.	121.	99.	77.	63.
18	0.	74.	55.	46.	64.
19	0.	60.	36.	39.	45.
20	0.	53.	43.	58.	71.
21	0.	75.	53.	76.	99.
22	0.	75.	66.	73.	77.
23	0.	66.	69.	99.	94.
24	0.	67.	61.	67.	78.
25	0.	76.	65.	65.	86.
26	0.	71.	58.	83.	103.
27	0.	71.	71.	93.	117.
28	0.	83.	80.	73.	82.
29	0.	61.	69.	95.	94.
30	0.	67.	73.	74.	71.
31	0.	61.	63.	62.	70.
32	0.	75.	59.	79.	82.
33	0.	68.	78.	90.	97.
34	0.	52.	56.	83.	77.
35	0.	31.	48.	74.	83.
36	0.	60.	43.	72.	89.

COMPOSITE HIGHEST, SECOND-HIGHEST 3-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	0.	583.	503.	470.	552.
2	0.	503.	436.	366.	414.
3	0.	492.	467.	457.	499.
4	0.	584.	663.	511.	458.
5	0.	626.	716.	596.	561.
6	0.	621.	596.	503.	567.
7	0.	594.	514.	549.	574.
8	0.	424.	476.	573.	652.
9	0.	561.	589.	570.	680.
10	0.	724.	788.	609.	608.
11	0.	724.	732.	561.	456.
12	0.	394.	363.	450.	370.
13	0.	187.	151.	261.	310.
14	0.	157.	152.	272.	340.
15	0.	330.	249.	307.	291.
16	0.	480.	440.	334.	304.
17	0.	554.	438.	341.	278.
18	0.	590.	362.	269.	315.
19	0.	479.	287.	310.	357.
20	0.	424.	346.	266.	341.
21	0.	602.	423.	425.	468.
22	0.	424.	373.	393.	502.
23	0.	577.	471.	472.	441.
24	0.	527.	471.	459.	488.
25	0.	608.	522.	478.	527.
26	0.	508.	466.	459.	528.
27	0.	569.	571.	572.	504.
28	0.	661.	637.	583.	656.
29	0.	489.	554.	762.	752.
30	0.	537.	585.	588.	510.
31	0.	487.	506.	495.	474.
32	0.	600.	476.	500.	483.
33	0.	545.	510.	530.	539.
34	0.	416.	345.	427.	548.
35	0.	242.	377.	551.	579.
36	0.	484.	341.	438.	534.

RING DISTANCES(KM)= 3.00 3.50 4.00 4.50 5.00

STACK # 1--TECO 182 50% 31.5T/H SO2
STACK # 2--TECO 384 50% 31.5T/H SO2

STACK	MONTH	EMISSION RATE (GMS/SEC)	HEIGHT (METERS)	DIAMETER (METERS)	EXIT VELOCITY (M/SEC)	TEMP (DEG.K)	VOLUMETRIC FLOW (M**3/SEC)
1	ALL	2624.5500	149.40	7.32	16.30	400.00	685.96
2	ALL	1699.1699	149.40	7.32	19.10	361.00	803.79

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.3957E-04 DIRECTION= 9 DISTANCE= 3.0 KM DAY=128

YEAR= 71

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	5.8044E-05 (236)	5.3503E-05 (236)	4.8385E-05 (113)	4.6851E-05 (113)	4.4994E-05 (113)
2	7.1626E-05 (236)	7.4968E-05 (331)	7.7186E-05 (331)	7.5964E-05 (331)	7.2833E-05 (331)
3	7.0263E-05 (205)	7.2880E-05 (205)	7.1429E-05 (205)	6.7855E-05 (205)	6.3375E-05 (205)
4	6.5202E-05 (205)	6.6596E-05 (234)	5.8564E-05 (234)	5.7196E-05 (127)	5.6367E-05 (127)
5	6.4600E-05 (276)	5.9837E-05 (276)	5.5175E-05 (234)	5.4975E-05 (219)	5.4008E-05 (219)
6	7.6302E-05 (159)	7.5018E-05 (159)	6.4873E-05 (206)	5.5012E-05 (206)	4.6983E-05 (206)
7	7.7709E-05 (207)	7.6250E-05 (103)	7.0846E-05 (224)	7.0890E-05 (224)	6.9313E-05 (224)
8	7.4883E-05 (128)	7.4743E-05 (139)	7.2020E-05 (139)	6.7253E-05 (139)	6.1866E-05 (139)
9	1.3957E-04 (128)	1.3647E-04 (128)	1.2717E-04 (220)	1.1313E-04 (220)	1.0773E-04 (128)
10	1.0007E-04 (220)	9.6412E-05 (220)	8.9182E-05 (220)	8.6467E-05 (161)	8.3710E-05 (161)
11	5.2898E-05 (196)	5.8882E-05 (196)	5.9993E-05 (196)	5.8391E-05 (196)	5.5457E-05 (196)
12	6.9326E-05 (136)	7.9621E-05 (136)	7.8136E-05 (198)	6.7438E-05 (198)	5.8702E-05 (198)
13	5.7964E-05 (141)	6.3034E-05 (141)	6.3980E-05 (141)	6.2441E-05 (198)	5.5806E-05 (198)
14	4.5082E-05 (222)	4.9744E-05 (222)	5.0638E-05 (222)	4.9190E-05 (222)	4.6514E-05 (222)
15	4.8879E-05 (121)	4.9227E-05 (221)	5.4184E-05 (221)	5.5465E-05 (221)	5.4456E-05 (221)
16	4.8979E-05 (169)	5.0605E-05 (169)	5.0196E-05 (124)	5.0520E-05 (124)	4.9308E-05 (124)
17	3.9146E-05 (99)	3.9004E-05 (169)	3.9583E-05 (169)	3.9676E-05 (162)	3.8441E-05 (162)
18	4.9709E-05 (99)	4.8941E-05 (99)	4.5996E-05 (316)	4.6533E-05 (316)	4.5549E-05 (316)
19	3.5422E-05 (221)	3.2925E-05 (316)	3.4409E-05 (316)	3.4164E-05 (316)	3.4385E-05 (275)
20	3.1446E-05 (46)	3.0053E-05 (46)	3.0859E-05 (150)	3.2406E-05 (334)	3.3523E-05 (334)
21	5.2756E-05 (263)	5.3654E-05 (311)	5.7163E-05 (311)	5.8251E-05 (312)	5.9803E-05 (334)
22	5.9469E-05 (47)	5.9496E-05 (47)	5.6358E-05 (47)	5.2255E-05 (47)	4.8264E-05 (47)
23	7.0425E-05 (68)	7.5780E-05 (270)	6.6067E-05 (156)	6.0049E-05 (272)	5.7296E-05 (272)
24	9.1094E-05 (90)	9.3597E-05 (156)	8.5484E-05 (156)	7.6940E-05 (156)	6.9043E-05 (156)
25	5.9201E-05 (90)	6.3332E-05 (90)	6.3028E-05 (90)	6.0210E-05 (90)	5.7629E-05 (285)
26	4.6366E-05 (267)	5.6526E-05 (267)	5.6207E-05 (156)	5.6226E-05 (48)	5.7580E-05 (48)
27	8.7042E-05 (190)	9.6294E-05 (190)	9.8080E-05 (190)	9.5736E-05 (190)	9.1507E-05 (190)
28	8.6749E-05 (101)	9.0592E-05 (101)	8.9522E-05 (101)	8.5769E-05 (101)	8.0784E-05 (101)
29	6.0858E-05 (138)	6.4862E-05 (214)	7.1348E-05 (214)	7.3170E-05 (214)	6.9252E-05 (188)
30	6.6816E-05 (182)	6.2403E-05 (182)	6.8437E-05 (210)	7.0654E-05 (210)	7.0008E-05 (210)
31	4.8209E-05 (278)	5.1848E-05 (182)	5.3027E-05 (182)	5.2760E-05 (182)	5.1447E-05 (182)
32	6.4301E-05 (2)	6.5028E-05 (2)	6.2767E-05 (2)	5.9322E-05 (2)	5.5522E-05 (2)
33	7.2077E-05 (91)	7.4536E-05 (230)	8.3690E-05 (185)	8.3218E-05 (91)	8.0957E-05 (363)
34	7.7907E-05 (187)	8.6482E-05 (259)	8.2363E-05 (259)	7.6594E-05 (259)	7.0415E-05 (259)
35	8.0442E-05 (211)	7.3150E-05 (211)	6.4896E-05 (211)	5.7054E-05 (211)	5.0091E-05 (211)
36	8.6817E-05 (260)	7.7385E-05 (260)	6.8211E-05 (260)	6.0388E-05 (260)	5.3982E-05 (260)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 6.8231E-04 DIRECTION= 9 DISTANCE= 3.0 KM DAY=238 TIME PERIOD= 5

YEAR= 71

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	3.2889E-04 (260, 5)	3.0492E-04 (229, 4)	2.7384E-04 (113, 4)	2.5902E-04 (113, 4)	2.4003E-04 (113, 4)
2	3.9296E-04 (184, 4)	3.9592E-04 (184, 4)	3.9047E-04 (73, 4)	3.8897E-04 (331, 4)	3.8408E-04 (25, 4)
3	4.5416E-04 (219, 5)	3.9055E-04 (219, 5)	3.4142E-04 (331, 4)	3.5409E-04 (331, 4)	3.5081E-04 (331, 4)
4	3.7709E-04 (163, 4)	3.9428E-04 (127, 4)	4.0275E-04 (234, 4)	3.7962E-04 (131, 4)	3.6523E-04 (131, 4)
5	5.1237E-04 (240, 5)	4.5830E-04 (240, 5)	3.9830E-04 (240, 5)	3.9355E-04 (234, 4)	3.5761E-04 (234, 4)
6	4.8702E-04 (206, 5)	4.2181E-04 (206, 5)	3.9710E-04 (159, 4)	3.5811E-04 (200, 4)	3.1788E-04 (279, 4)
7	4.1332E-04 (207, 5)	4.0136E-04 (207, 5)	3.7428E-04 (207, 5)	3.7605E-04 (229, 6)	3.8746E-04 (229, 6)
8	5.2184E-04 (262, 5)	4.8310E-04 (262, 5)	4.3117E-04 (232, 5)	4.5111E-04 (232, 5)	4.4980E-04 (232, 5)
9	6.8231E-04 (238, 5)	6.4800E-04 (238, 5)	6.0026E-04 (238, 5)	5.4989E-04 (178, 4)	5.1341E-04 (256, 4)
10	4.9407E-04 (168, 4)	5.4611E-04 (168, 4)	5.1774E-04 (204, 5)	4.7211E-04 (204, 5)	4.3062E-04 (204, 5)
11	3.7618E-04 (192, 5)	3.6530E-04 (196, 4)	3.5942E-04 (192, 5)	3.3292E-04 (192, 5)	3.0410E-04 (192, 5)
12	3.6186E-04 (136, 4)	4.2731E-04 (136, 4)	3.8671E-04 (198, 4)	3.3284E-04 (198, 4)	2.9512E-04 (317, 4)
13	2.7808E-04 (198, 3)	3.1429E-04 (136, 4)	3.2362E-04 (136, 4)	3.1588E-04 (136, 4)	2.9997E-04 (136, 4)
14	2.5238E-04 (162, 4)	2.8693E-04 (199, 6)	3.3045E-04 (199, 6)	3.4924E-04 (199, 6)	3.5095E-04 (199, 6)
15	3.2432E-04 (222, 5)	3.6363E-04 (222, 5)	3.9154E-04 (222, 4)	3.6063E-04 (222, 4)	3.3921E-04 (222, 5)
16	3.0986E-04 (124, 6)	3.6850E-04 (124, 6)	3.9161E-04 (124, 6)	3.7801E-04 (169, 4)	3.5658E-04 (169, 4)
17	2.6306E-04 (317, 4)	2.9066E-04 (162, 4)	2.6853E-04 (99, 4)	2.6668E-04 (315, 5)	2.7182E-04 (181, 6)
18	3.0507E-04 (124, 5)	3.2545E-04 (124, 5)	3.2095E-04 (124, 5)	3.0394E-04 (124, 5)	2.8857E-04 (300, 4)
19	2.8336E-04 (221, 4)	2.6275E-04 (221, 4)	2.4748E-04 (300, 4)	2.6724E-04 (275, 4)	2.7508E-04 (275, 4)
20	2.5157E-04 (46, 5)	2.4043E-04 (46, 5)	2.4686E-04 (150, 3)	2.3983E-04 (99, 4)	2.2711E-04 (99, 4)
21	3.1512E-04 (18, 4)	3.2821E-04 (18, 4)	3.1754E-04 (18, 4)	2.9829E-04 (263, 5)	3.0463E-04 (55, 4)
22	3.7262E-04 (263, 5)	3.6306E-04 (261, 4)	3.8437E-04 (261, 4)	3.7956E-04 (261, 4)	3.6180E-04 (261, 4)
23	4.2666E-04 (156, 4)	3.8487E-04 (156, 4)	3.8054E-04 (199, 3)	3.7837E-04 (199, 3)	3.6246E-04 (199, 3)
24	3.9998E-04 (90, 4)	3.9664E-04 (90, 4)	3.7698E-04 (90, 4)	3.5002E-04 (90, 4)	3.3666E-04 (258, 4)
25	3.4245E-04 (137, 4)	4.0142E-04 (137, 4)	4.2207E-04 (137, 4)	4.1850E-04 (137, 4)	4.0157E-04 (137, 4)
26	3.0181E-04 (101, 4)	3.1217E-04 (267, 5)	3.3218E-04 (267, 5)	3.3185E-04 (267, 5)	3.1983E-04 (267, 5)
27	4.2672E-04 (101, 4)	4.0433E-04 (86, 5)	3.9496E-04 (265, 4)	3.9665E-04 (249, 3)	3.9243E-04 (153, 3)
28	4.6254E-04 (101, 5)	4.6452E-04 (101, 5)	4.4357E-04 (101, 5)	4.1219E-04 (101, 5)	3.7757E-04 (101, 5)
29	4.2147E-04 (138, 5)	4.5929E-04 (233, 4)	4.7625E-04 (233, 4)	4.7898E-04 (233, 4)	4.5299E-04 (231, 4)
30	4.1362E-04 (138, 5)	3.5472E-04 (138, 5)	3.9356E-04 (211, 3)	4.0798E-04 (182, 4)	3.7296E-04 (182, 4)
31	2.7931E-04 (218, 4)	2.7820E-04 (278, 4)	3.0619E-04 (262, 4)	3.3152E-04 (262, 4)	3.3976E-04 (262, 4)
32	3.9099E-04 (295, 4)	3.9441E-04 (295, 4)	3.7291E-04 (295, 4)	3.6269E-04 (139, 3)	3.6965E-04 (139, 3)
33	4.9761E-04 (91, 5)	5.0391E-04 (230, 4)	5.0711E-04 (77, 5)	5.0027E-04 (77, 5)	4.7798E-04 (77, 5)
34	4.3422E-04 (259, 4)	4.6170E-04 (259, 4)	4.6028E-04 (259, 4)	4.6067E-04 (200, 3)	4.7120E-04 (200, 3)
35	5.2292E-04 (211, 4)	4.4833E-04 (211, 4)	3.7881E-04 (211, 4)	3.2002E-04 (211, 4)	2.7203E-04 (211, 4)
36	5.2161E-04 (260, 4)	4.7190E-04 (260, 4)	4.1782E-04 (260, 4)	3.8178E-04 (179, 3)	3.9585E-04 (179, 3)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.3908E-04 DIRECTION= 9 DISTANCE= 3.0 KM DAY=124

YEAR= 72

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	6.4088E-05 (107)	7.7028E-05 (107)	8.1696E-05 (113)	7.7331E-05 (113)	7.2118E-05 (113)
2	6.5663E-05 (57)	7.7732E-05 (57)	8.2286E-05 (57)	8.2050E-05 (57)	7.9184E-05 (57)
3	6.8794E-05 (110)	6.8360E-05 (105)	6.9561E-05 (105)	6.8067E-05 (57)	6.5006E-05 (57)
4	6.7364E-05 (195)	6.1195E-05 (150)	5.6918E-05 (135)	5.3368E-05 (135)	5.0361E-05 (136)
5	9.5521E-05 (211)	9.4922E-05 (211)	8.8993E-05 (261)	8.0505E-05 (261)	7.2844E-05 (261)
6	8.5857E-05 (211)	8.0866E-05 (210)	8.0193E-05 (210)	7.5663E-05 (261)	7.0872E-05 (261)
7	9.2773E-05 (309)	9.4708E-05 (309)	9.0159E-05 (298)	8.0888E-05 (316)	7.9340E-05 (316)
8	8.9631E-05 (219)	8.9432E-05 (220)	8.6705E-05 (220)	8.2255E-05 (220)	7.7150E-05 (220)
9	1.3908E-04 (124)	1.3323E-04 (207)	1.3715E-04 (207)	1.3660E-04 (207)	1.3308E-04 (207)
10	1.2038E-04 (242)	1.1180E-04 (242)	1.0475E-04 (181)	1.0232E-04 (181)	9.7514E-05 (181)
11	6.7459E-05 (131)	6.9833E-05 (131)	6.8160E-05 (131)	6.4369E-05 (131)	5.9683E-05 (131)
12	4.0785E-05 (143)	4.7190E-05 (231)	5.0096E-05 (231)	5.2867E-05 (245)	5.3431E-05 (245)
13	7.2748E-05 (184)	6.8470E-05 (184)	6.3326E-05 (184)	5.8164E-05 (184)	5.6728E-05 (303)
14	3.7251E-05 (194)	4.4258E-05 (194)	4.6084E-05 (194)	4.4900E-05 (194)	4.2373E-05 (194)
15	3.1625E-05 (194)	3.6065E-05 (146)	3.7662E-05 (146)	3.7348E-05 (146)	3.5214E-05 (194)
16	2.9518E-05 (216)	3.5803E-05 (216)	3.8393E-05 (216)	3.8421E-05 (216)	3.6998E-05 (216)
17	3.6477E-05 (363)	4.3190E-05 (45)	4.6765E-05 (45)	4.6742E-05 (45)	4.4847E-05 (45)
18	4.5150E-05 (263)	4.4701E-05 (19)	4.3359E-05 (45)	4.4212E-05 (45)	4.3243E-05 (45)
19	4.0986E-05 (189)	4.1314E-05 (239)	4.0123E-05 (19)	3.7716E-05 (19)	3.4504E-05 (19)
20	5.3842E-05 (189)	5.0097E-05 (336)	5.3759E-05 (252)	4.9536E-05 (83)	5.1254E-05 (83)
21	6.5310E-05 (189)	5.8607E-05 (189)	5.1522E-05 (189)	4.9526E-05 (256)	4.6829E-05 (256)
22	4.6107E-05 (252)	4.6125E-05 (252)	5.1744E-05 (288)	5.0686E-05 (189)	4.7724E-05 (86)
23	5.6605E-05 (156)	5.4328E-05 (266)	5.4177E-05 (266)	4.9706E-05 (158)	4.6813E-05 (279)
24	6.0165E-05 (156)	5.9236E-05 (158)	6.2471E-05 (192)	6.6238E-05 (192)	6.7102E-05 (192)
25	6.8426E-05 (157)	7.5029E-05 (157)	7.5694E-05 (157)	7.2940E-05 (157)	6.8527E-05 (157)
26	8.7811E-05 (257)	1.0150E-04 (265)	1.0347E-04 (265)	1.0096E-04 (265)	9.6181E-05 (265)
27	6.3299E-05 (310)	7.4464E-05 (247)	7.3965E-05 (207)	7.6494E-05 (207)	7.6594E-05 (207)
28	5.6898E-05 (339)	6.3274E-05 (339)	6.5808E-05 (339)	6.5716E-05 (339)	6.3800E-05 (339)
29	6.7895E-05 (197)	7.6709E-05 (101)	8.0495E-05 (101)	8.0062E-05 (101)	7.7521E-05 (101)
30	5.7639E-05 (228)	6.2065E-05 (345)	6.2159E-05 (345)	6.0212E-05 (345)	5.8603E-05 (185)
31	5.7588E-05 (212)	5.8492E-05 (332)	6.2144E-05 (196)	6.2304E-05 (241)	6.2074E-05 (241)
32	5.9134E-05 (61)	6.8118E-05 (364)	7.0401E-05 (307)	6.8842E-05 (61)	6.5922E-05 (61)
33	6.2595E-05 (314)	6.6414E-05 (314)	7.4644E-05 (12)	7.7805E-05 (12)	7.7505E-05 (12)
34	4.4568E-05 (314)	4.6005E-05 (314)	4.4300E-05 (314)	4.1258E-05 (314)	3.7934E-05 (314)
35	3.8789E-05 (213)	4.0700E-05 (213)	4.3221E-05 (319)	4.2097E-05 (87)	4.0121E-05 (87)
36	4.9469E-05 (136)	4.8860E-05 (136)	4.9933E-05 (196)	4.7302E-05 (64)	4.7574E-05 (341)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 7.2094E-04 DIRECTION= 9 DISTANCE= 3.0 KM DAY=124 TIME PERIOD= 4

YEAR= 72

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	3.8041E-04 (196, 4)	4.0608E-04 (107, 4)	4.0711E-04 (113, 4)	3.8419E-04 (113, 4)	3.5553E-04 (113, 4)
2	3.7156E-04 (215, 4)	3.8366E-04 (57, 4)	4.1278E-04 (57, 4)	4.1612E-04 (57, 4)	4.0432E-04 (57, 4)
3	4.1862E-04 (135, 5)	3.9572E-04 (57, 5)	3.8083E-04 (135, 5)	3.6539E-04 (149, 5)	3.5193E-04 (149, 5)
4	4.4244E-04 (124, 3)	3.9065E-04 (110, 5)	3.6964E-04 (110, 5)	3.5139E-04 (98, 4)	3.5892E-04 (269, 6)
5	5.0401E-04 (261, 5)	4.4417E-04 (261, 5)	4.2198E-04 (150, 4)	3.7281E-04 (111, 5)	3.6493E-04 (211, 6)
6	5.0952E-04 (261, 5)	4.5740E-04 (210, 6)	3.9611E-04 (194, 4)	3.8117E-04 (85, 4)	3.8023E-04 (359, 5)
7	5.1758E-04 (309, 5)	5.5835E-04 (309, 5)	5.1034E-04 (298, 5)	4.5663E-04 (298, 5)	4.1020E-04 (138, 4)
8	4.4049E-04 (220, 4)	4.3627E-04 (290, 4)	4.3671E-04 (290, 4)	4.2659E-04 (290, 4)	4.1107E-04 (290, 4)
9	7.2094E-04 (124, 4)	6.8965E-04 (124, 4)	6.3551E-04 (124, 4)	5.8882E-04 (183, 4)	5.5606E-04 (207, 4)
10	5.8410E-04 (242, 4)	5.5119E-04 (303, 4)	5.2070E-04 (303, 4)	4.8166E-04 (303, 4)	4.4312E-04 (303, 4)
11	3.3066E-04 (184, 4)	3.4002E-04 (131, 6)	3.3758E-04 (222, 5)	3.2589E-04 (222, 5)	3.0635E-04 (222, 5)
12	2.6023E-04 (97, 5)	2.8660E-04 (97, 5)	2.8841E-04 (97, 5)	2.8834E-04 (250, 4)	2.8876E-04 (245, 6)
13	3.8890E-04 (146, 4)	4.2708E-04 (146, 4)	4.2997E-04 (146, 4)	4.1357E-04 (146, 4)	3.8813E-04 (146, 4)
14	2.9801E-04 (194, 3)	3.5406E-04 (194, 3)	3.6867E-04 (194, 3)	3.5920E-04 (194, 3)	3.3898E-04 (194, 3)
15	2.4770E-04 (198, 6)	2.4168E-04 (362, 5)	2.3115E-04 (362, 5)	2.1769E-04 (109, 6)	2.1428E-04 (109, 6)
16	2.3614E-04 (216, 4)	2.8642E-04 (216, 4)	3.0715E-04 (216, 4)	3.0737E-04 (216, 4)	2.9124E-04 (263, 4)
17	2.9181E-04 (363, 5)	3.4138E-04 (45, 5)	3.6964E-04 (45, 5)	3.6949E-04 (45, 5)	3.5453E-04 (45, 5)
18	3.4145E-04 (59, 4)	3.3194E-04 (59, 4)	3.3150E-04 (363, 5)	3.1461E-04 (193, 3)	3.3787E-04 (147, 4)
19	2.2996E-04 (252, 5)	2.1941E-04 (313, 5)	2.3638E-04 (313, 5)	2.3944E-04 (313, 5)	2.4956E-04 (231, 4)
20	2.6211E-04 (252, 4)	2.4233E-04 (256, 5)	2.2804E-04 (256, 5)	2.3534E-04 (83, 3)	2.5050E-04 (83, 3)
21	3.3542E-04 (189, 4)	3.2794E-04 (157, 6)	3.3699E-04 (288, 5)	3.4924E-04 (288, 5)	3.4379E-04 (288, 5)
22	3.2979E-04 (283, 4)	3.1114E-04 (189, 4)	3.0089E-04 (122, 5)	2.8741E-04 (283, 4)	2.6249E-04 (283, 4)
23	2.7598E-04 (217, 4)	2.7260E-04 (266, 5)	2.9463E-04 (342, 5)	3.0406E-04 (163, 4)	3.0563E-04 (342, 5)
24	3.4928E-04 (186, 4)	3.0544E-04 (186, 4)	3.2988E-04 (192, 3)	3.0537E-04 (158, 5)	2.8284E-04 (52, 4)
25	3.6322E-04 (226, 4)	3.9206E-04 (226, 4)	3.9683E-04 (226, 4)	3.8803E-04 (226, 4)	3.7194E-04 (226, 4)
26	4.4934E-04 (247, 4)	3.9050E-04 (247, 4)	3.5312E-04 (246, 4)	3.2942E-04 (246, 4)	3.1896E-04 (157, 3)
27	4.0605E-04 (247, 4)	3.6516E-04 (247, 4)	3.6777E-04 (257, 4)	3.6113E-04 (257, 4)	3.4532E-04 (257, 4)
28	3.9322E-04 (197, 3)	4.2984E-04 (297, 4)	4.5070E-04 (297, 4)	4.4579E-04 (297, 4)	4.2680E-04 (297, 4)
29	3.3384E-04 (197, 3)	3.2618E-04 (197, 3)	3.2391E-04 (253, 4)	3.1467E-04 (163, 4)	2.8761E-04 (198, 3)
30	4.1736E-04 (228, 3)	4.2660E-04 (345, 4)	4.3065E-04 (1, 4)	4.5239E-04 (1, 4)	4.4643E-04 (1, 4)
31	3.0612E-04 (209, 3)	3.0870E-04 (209, 3)	3.3876E-04 (332, 5)	3.3029E-04 (241, 4)	3.0819E-04 (241, 4)
32	3.4497E-04 (307, 5)	3.6166E-04 (61, 4)	3.7583E-04 (61, 4)	3.6971E-04 (61, 4)	3.5284E-04 (61, 4)
33	4.1187E-04 (215, 4)	5.0947E-04 (1, 5)	4.7184E-04 (229, 4)	4.3066E-04 (229, 4)	4.2634E-04 (12, 4)
34	2.8929E-04 (54, 4)	2.8757E-04 (54, 4)	2.7008E-04 (54, 4)	2.6905E-04 (308, 3)	2.5606E-04 (314, 4)
35	3.1031E-04 (213, 5)	3.2560E-04 (213, 5)	3.1753E-04 (213, 5)	2.9828E-04 (213, 5)	2.7482E-04 (213, 5)
36	3.9575E-04 (136, 4)	3.9088E-04 (136, 4)	3.7209E-04 (136, 4)	3.7533E-04 (341, 4)	3.4803E-04 (64, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.1492E-04 DIRECTION= 8 DISTANCE= 3.0 KM DAY=181

YEAR= 73

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	4.5948E-05 (149)	4.7627E-05 (149)	4.7541E-05 (193)	4.9922E-05 (193)	5.0252E-05 (193)
2	6.0352E-05 (147)	6.1699E-05 (159)	6.4876E-05 (71)	6.5520E-05 (159)	6.3220E-05 (159)
3	7.0059E-05 (215)	6.4613E-05 (269)	6.2824E-05 (123)	6.1991E-05 (123)	5.6872E-05 (151)
4	6.6546E-05 (182)	5.8911E-05 (173)	5.6416E-05 (173)	5.3217E-05 (173)	4.9790E-05 (173)
5	1.0133E-04 (192)	9.8902E-05 (192)	9.4440E-05 (182)	8.6768E-05 (192)	7.9809E-05 (192)
6	9.7468E-05 (209)	9.4705E-05 (209)	9.1138E-05 (209)	8.7526E-05 (209)	8.4126E-05 (209)
7	1.0781E-04 (181)	1.0332E-04 (181)	9.7626E-05 (181)	9.1626E-05 (185)	8.2767E-05 (185)
8	1.1492E-04 (181)	1.0544E-04 (181)	9.4515E-05 (181)	8.9163E-05 (253)	8.5848E-05 (253)
9	1.1145E-04 (132)	1.1395E-04 (152)	1.0253E-04 (152)	9.1580E-05 (152)	8.1891E-05 (152)
10	8.4087E-05 (140)	8.6102E-05 (132)	8.2286E-05 (132)	7.7253E-05 (132)	7.1886E-05 (132)
11	6.9243E-05 (169)	6.3787E-05 (208)	6.3160E-05 (263)	6.0918E-05 (169)	5.7399E-05 (169)
12	4.6642E-05 (124)	5.3211E-05 (124)	5.5061E-05 (124)	5.4831E-05 (138)	5.5068E-05 (138)
13	2.6919E-05 (124)	3.0756E-05 (124)	3.3094E-05 (135)	3.5487E-05 (135)	3.6682E-05 (135)
14	4.3380E-05 (103)	4.8140E-05 (169)	4.8820E-05 (169)	4.7198E-05 (169)	4.4465E-05 (169)
15	3.8485E-05 (103)	4.1023E-05 (47)	4.6316E-05 (47)	4.8755E-05 (47)	4.9258E-05 (47)
16	5.2122E-05 (95)	6.1302E-05 (182)	6.0124E-05 (356)	5.7125E-05 (356)	5.3744E-05 (356)
17	5.3228E-05 (131)	4.6328E-05 (131)	4.3876E-05 (182)	4.4059E-05 (182)	4.2492E-05 (182)
18	5.6544E-05 (131)	6.0116E-05 (103)	6.0989E-05 (103)	5.9437E-05 (103)	5.6563E-05 (103)
19	4.3991E-05 (305)	4.6396E-05 (305)	4.7080E-05 (268)	4.7958E-05 (305)	4.7421E-05 (305)
20	6.8930E-05 (183)	6.1704E-05 (183)	5.3455E-05 (183)	5.6672E-05 (268)	5.4515E-05 (233)
21	1.0149E-04 (183)	9.4603E-05 (233)	8.5848E-05 (305)	8.9532E-05 (221)	8.7877E-05 (221)
22	7.6957E-05 (221)	7.4019E-05 (221)	6.9632E-05 (221)	6.5940E-05 (125)	6.2547E-05 (125)
23	8.4994E-05 (191)	7.6704E-05 (191)	6.9525E-05 (191)	6.3387E-05 (191)	5.8116E-05 (191)
24	6.6811E-05 (183)	7.5042E-05 (316)	7.9350E-05 (183)	7.9945E-05 (59)	7.8004E-05 (59)
25	8.2750E-05 (260)	8.6061E-05 (260)	9.5679E-05 (321)	9.2322E-05 (240)	8.5738E-05 (240)
26	8.1946E-05 (154)	8.8960E-05 (82)	9.8779E-05 (336)	1.0485E-04 (336)	1.0630E-04 (336)
27	7.0173E-05 (287)	7.3204E-05 (154)	6.7849E-05 (154)	6.2357E-05 (154)	6.0582E-05 (336)
28	7.9547E-05 (232)	7.2641E-05 (232)	7.0105E-05 (286)	6.7083E-05 (158)	5.9900E-05 (158)
29	8.2057E-05 (238)	8.3829E-05 (238)	8.1250E-05 (239)	7.9007E-05 (238)	7.5003E-05 (238)
30	7.2104E-05 (202)	7.5785E-05 (202)	7.5998E-05 (202)	7.5445E-05 (244)	7.5021E-05 (244)
31	5.3526E-05 (322)	5.8827E-05 (322)	5.9523E-05 (322)	5.7535E-05 (322)	5.4961E-05 (160)
32	8.4773E-05 (224)	8.0044E-05 (322)	7.7896E-05 (322)	7.3429E-05 (322)	6.8073E-05 (322)
33	8.9238E-05 (217)	8.0842E-05 (217)	7.2031E-05 (217)	6.4063E-05 (217)	5.7269E-05 (217)
34	7.7027E-05 (202)	7.5594E-05 (202)	7.0862E-05 (202)	6.4907E-05 (202)	5.8816E-05 (202)
35	6.4184E-05 (177)	6.0761E-05 (177)	5.7664E-05 (163)	5.2257E-05 (163)	4.7097E-05 (163)
36	6.1336E-05 (160)	5.4126E-05 (194)	5.6134E-05 (194)	5.5102E-05 (194)	5.2454E-05 (194)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 6.6203E-04 DIRECTION= 8 DISTANCE= 3.0 KM DAY=181 TIME PERIOD= 4

YEAR= 73

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	2.6573E-04 (364, 5)	3.0904E-04 (39, 4)	3.2356E-04 (39, 4)	3.2066E-04 (39, 4)	3.0881E-04 (39, 4)
2	3.7452E-04 (151, 4)	3.7404E-04 (71, 5)	4.1257E-04 (71, 5)	4.2359E-04 (71, 5)	4.1718E-04 (71, 5)
3	4.9972E-04 (151, 5)	4.3522E-04 (151, 5)	3.9227E-04 (123, 4)	3.8848E-04 (123, 4)	3.7231E-04 (123, 4)
4	3.7356E-04 (165, 4)	3.7534E-04 (194, 4)	3.8423E-04 (194, 4)	3.8145E-04 (194, 4)	3.7152E-04 (194, 4)
5	5.1801E-04 (313, 4)	5.5850E-04 (313, 4)	5.1325E-04 (182, 4)	4.6640E-04 (182, 4)	4.2720E-04 (182, 4)
6	4.4948E-04 (228, 5)	4.5425E-04 (309, 4)	4.8580E-04 (140, 3)	4.9122E-04 (235, 5)	4.6974E-04 (235, 5)
7	5.2676E-04 (209, 4)	4.8135E-04 (185, 4)	4.3699E-04 (185, 4)	3.9442E-04 (219, 4)	3.6564E-04 (219, 4)
8	6.6203E-04 (181, 4)	6.2499E-04 (181, 4)	5.7226E-04 (181, 4)	5.1898E-04 (181, 4)	4.7128E-04 (181, 4)
9	5.0030E-04 (152, 4)	4.9834E-04 (66, 5)	5.4465E-04 (180, 3)	5.7320E-04 (180, 3)	5.7729E-04 (180, 3)
10	4.2850E-04 (140, 4)	4.1160E-04 (208, 4)	3.8483E-04 (140, 4)	3.6207E-04 (196, 5)	3.3258E-04 (196, 5)
11	3.7428E-04 (235, 6)	4.2364E-04 (235, 6)	4.4326E-04 (235, 6)	3.8858E-04 (208, 4)	3.5758E-04 (166, 3)
12	3.2215E-04 (100, 4)	2.9891E-04 (135, 3)	2.9149E-04 (135, 3)	2.9789E-04 (100, 4)	2.7302E-04 (100, 4)
13	2.1098E-04 (259, 4)	2.3446E-04 (135, 3)	2.4787E-04 (124, 5)	2.4234E-04 (124, 5)	2.2988E-04 (124, 5)
14	3.1820E-04 (103, 5)	3.4389E-04 (175, 5)	3.5095E-04 (175, 5)	3.4046E-04 (175, 5)	3.2125E-04 (175, 5)
15	3.0763E-04 (103, 5)	3.2818E-04 (47, 4)	3.5053E-04 (118, 4)	3.2890E-04 (118, 4)	3.0358E-04 (118, 4)
16	2.7961E-04 (182, 4)	3.3952E-04 (182, 4)	3.4724E-04 (356, 5)	3.1745E-04 (356, 5)	3.3099E-04 (188, 4)
17	3.0298E-04 (53, 4)	3.1954E-04 (53, 4)	3.2257E-04 (53, 4)	3.1763E-04 (53, 4)	3.1191E-04 (323, 4)
18	3.4810E-04 (103, 4)	3.8725E-04 (297, 5)	3.4954E-04 (131, 4)	3.4945E-04 (14, 4)	3.5159E-04 (14, 4)
19	3.3558E-04 (131, 4)	3.3430E-04 (42, 5)	3.4104E-04 (103, 4)	3.2736E-04 (268, 5)	3.1858E-04 (268, 5)
20	3.0143E-04 (305, 4)	2.9482E-04 (305, 4)	3.0261E-04 (233, 5)	2.8391E-04 (268, 3)	3.1707E-04 (268, 3)
21	4.0843E-04 (233, 5)	4.3410E-04 (305, 4)	3.8583E-04 (183, 4)	3.3558E-04 (30, 4)	3.2912E-04 (221, 6)
22	5.2142E-04 (78, 4)	4.9017E-04 (233, 4)	4.3278E-04 (125, 4)	4.0602E-04 (125, 4)	3.7647E-04 (125, 4)
23	3.8629E-04 (221, 5)	3.4044E-04 (125, 4)	2.9663E-04 (125, 4)	2.9561E-04 (102, 4)	3.1221E-04 (346, 4)
24	3.4210E-04 (235, 4)	3.5934E-04 (310, 4)	3.8302E-04 (59, 4)	3.7124E-04 (310, 4)	3.5833E-04 (310, 4)
25	5.1291E-04 (240, 5)	5.2642E-04 (240, 5)	5.0866E-04 (352, 4)	5.1413E-04 (352, 4)	5.0377E-04 (352, 4)
26	3.2950E-04 (229, 3)	4.3627E-04 (229, 3)	4.9923E-04 (229, 3)	5.0768E-04 (220, 3)	4.8357E-04 (220, 3)
27	3.9093E-04 (232, 4)	3.7828E-04 (158, 4)	3.8440E-04 (317, 4)	3.7365E-04 (242, 5)	3.4476E-04 (242, 5)
28	6.3637E-04 (232, 4)	5.8112E-04 (232, 4)	5.2259E-04 (232, 4)	4.6057E-04 (158, 4)	4.0187E-04 (158, 4)
29	3.1540E-04 (249, 4)	3.9298E-04 (249, 4)	4.3680E-04 (249, 4)	4.4212E-04 (238, 3)	4.3250E-04 (238, 3)
30	3.7991E-04 (106, 4)	4.0654E-04 (106, 4)	4.0230E-04 (106, 4)	3.8667E-04 (121, 5)	3.6559E-04 (121, 5)
31	3.9333E-04 (112, 4)	4.1443E-04 (112, 4)	4.0682E-04 (112, 4)	4.2371E-04 (160, 3)	4.2012E-04 (171, 4)
32	4.3040E-04 (185, 3)	4.0756E-04 (185, 3)	4.0616E-04 (329, 4)	4.2833E-04 (157, 4)	3.9022E-04 (157, 4)
33	4.7160E-04 (224, 5)	4.3211E-04 (217, 4)	4.0308E-04 (61, 5)	3.9240E-04 (61, 5)	3.7151E-04 (61, 5)
34	4.5339E-04 (289, 4)	4.4354E-04 (226, 4)	4.1466E-04 (123, 3)	3.8887E-04 (289, 4)	3.5920E-04 (200, 4)
35	3.1290E-04 (252, 4)	3.1791E-04 (252, 4)	3.0366E-04 (252, 4)	2.9059E-04 (226, 4)	2.6072E-04 (226, 4)
36	3.4799E-04 (226, 4)	3.3145E-04 (226, 4)	3.0355E-04 (226, 4)	2.7462E-04 (226, 4)	2.5159E-04 (194, 5)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.5236E-04 DIRECTION= 24 DISTANCE= 4.0 KM DAY=286

YEAR= 74

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	5.7399E-05 (242)	4.9045E-05 (242)	4.4175E-05 (228)	4.2447E-05 (203)	4.1177E-05 (203)
2	6.3065E-05 (127)	6.6182E-05 (127)	6.5211E-05 (127)	5.9744E-05 (207)	5.3142E-05 (207)
3	5.7882E-05 (166)	5.3892E-05 (166)	4.8491E-05 (256)	4.4118E-05 (103)	4.1874E-05 (309)
4	6.5927E-05 (90)	7.1408E-05 (90)	7.2461E-05 (90)	7.1127E-05 (90)	6.8580E-05 (90)
5	6.5997E-05 (234)	6.8255E-05 (157)	6.8363E-05 (158)	6.1117E-05 (158)	5.4659E-05 (229)
6	9.2970E-05 (129)	8.3838E-05 (151)	7.3894E-05 (129)	6.4326E-05 (129)	5.8045E-05 (86)
7	8.3516E-05 (200)	7.9179E-05 (200)	7.2584E-05 (200)	6.8341E-05 (7)	6.4738E-05 (7)
8	8.8981E-05 (196)	8.1284E-05 (196)	7.6604E-05 (315)	7.6960E-05 (315)	7.1980E-05 (163)
9	1.2219E-04 (230)	1.3684E-04 (230)	1.3960E-04 (230)	1.3562E-04 (230)	1.2837E-04 (230)
10	9.3283E-05 (231)	9.9504E-05 (231)	9.7660E-05 (231)	9.1839E-05 (231)	8.5414E-05 (192)
11	7.4377E-05 (192)	8.5723E-05 (192)	9.0011E-05 (192)	8.9594E-05 (192)	8.6431E-05 (192)
12	5.3719E-05 (200)	5.9746E-05 (200)	6.0922E-05 (200)	5.9217E-05 (200)	5.6036E-05 (200)
13	3.6950E-05 (211)	3.2157E-05 (211)	2.9590E-05 (99)	3.0520E-05 (222)	3.0306E-05 (222)
14	2.2517E-05 (211)	2.6842E-05 (222)	2.9773E-05 (222)	3.0572E-05 (222)	3.0025E-05 (222)
15	3.0761E-05 (99)	3.1840E-05 (265)	2.8819E-05 (96)	2.9383E-05 (96)	3.0213E-05 (96)
16	5.0255E-05 (338)	5.5392E-05 (338)	5.7255E-05 (338)	5.7096E-05 (338)	5.5888E-05 (338)
17	4.7926E-05 (338)	4.6882E-05 (282)	4.2363E-05 (282)	3.7446E-05 (282)	3.7687E-05 (317)
18	5.5617E-05 (108)	5.2346E-05 (108)	5.3186E-05 (332)	5.2719E-05 (332)	5.0674E-05 (332)
19	3.8333E-05 (122)	4.3092E-05 (332)	4.3325E-05 (311)	4.4595E-05 (332)	4.2594E-05 (332)
20	5.1140E-05 (311)	5.6914E-05 (281)	5.8652E-05 (281)	5.7489E-05 (281)	5.4802E-05 (281)
21	6.2275E-05 (264)	6.6997E-05 (264)	6.7972E-05 (264)	6.6364E-05 (264)	6.3242E-05 (264)
22	5.9909E-05 (172)	5.4058E-05 (172)	5.0358E-05 (169)	4.9681E-05 (254)	4.8606E-05 (344)
23	6.7901E-05 (306)	7.4834E-05 (306)	7.6202E-05 (306)	7.4223E-05 (306)	7.0529E-05 (306)
24	1.0539E-04 (284)	1.3573E-04 (284)	1.5236E-04 (286)	1.4893E-04 (286)	1.4205E-04 (286)
25	9.5823E-05 (305)	9.6351E-05 (110)	9.5534E-05 (110)	9.2029E-05 (110)	8.7032E-05 (110)
26	1.1043E-04 (110)	1.0806E-04 (110)	1.0463E-04 (110)	9.7866E-05 (305)	9.0700E-05 (305)
27	1.0738E-04 (110)	1.0084E-04 (110)	9.3631E-05 (171)	8.7957E-05 (116)	7.8438E-05 (116)
28	7.6861E-05 (230)	8.3027E-05 (116)	7.2262E-05 (116)	6.7097E-05 (2)	6.9173E-05 (2)
29	8.5245E-05 (221)	7.6944E-05 (221)	6.9780E-05 (221)	6.8399E-05 (225)	6.8358E-05 (225)
30	6.4075E-05 (67)	7.4045E-05 (237)	6.7103E-05 (67)	6.3517E-05 (67)	5.8934E-05 (67)
31	7.5586E-05 (237)	7.4756E-05 (245)	7.9648E-05 (219)	8.0790E-05 (219)	7.9640E-05 (219)
32	7.2399E-05 (65)	8.9598E-05 (241)	8.2414E-05 (241)	7.5044E-05 (241)	6.8357E-05 (241)
33	7.9041E-05 (97)	7.4817E-05 (97)	6.8872E-05 (226)	6.5440E-05 (63)	6.2762E-05 (63)
34	7.1700E-05 (199)	6.7954E-05 (236)	6.4149E-05 (236)	5.9069E-05 (236)	5.3725E-05 (236)
35	6.7700E-05 (159)	5.7598E-05 (159)	4.9647E-05 (164)	4.7645E-05 (164)	4.4900E-05 (164)
36	4.5846E-05 (221)	4.8841E-05 (210)	5.1022E-05 (359)	5.0784E-05 (210)	5.0080E-05 (210)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAX3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 6.8196E-04 DIRECTION= 29 DISTANCE= 3.0 KM DAY=221 TIME PERIOD= 4

YEAR= 74

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	3.7583E-04 (98, 5)	3.7124E-04 (228, 4)	3.5340E-04 (228, 4)	3.2761E-04 (228, 4)	3.1407E-04 (208, 4)
2	4.1875E-04 (310, 4)	3.8929E-04 (310, 4)	3.5713E-04 (6, 5)	3.5789E-04 (324, 4)	3.2734E-04 (207, 5)
3	3.4617E-04 (207, 4)	3.5207E-04 (103, 5)	3.5329E-04 (103, 5)	3.3865E-04 (103, 5)	3.1674E-04 (103, 5)
4	4.7711E-04 (229, 4)	4.6127E-04 (229, 4)	4.3213E-04 (229, 4)	3.9929E-04 (229, 4)	3.6737E-04 (229, 4)
5	4.4462E-04 (188, 4)	4.4718E-04 (157, 4)	3.9693E-04 (188, 4)	3.6185E-04 (188, 4)	3.2989E-04 (188, 4)
6	4.8983E-04 (151, 5)	4.7233E-04 (86, 5)	4.3409E-04 (200, 4)	4.2816E-04 (9, 5)	4.3027E-04 (9, 5)
7	4.8769E-04 (226, 5)	4.3117E-04 (205, 5)	3.8187E-04 (146, 4)	3.8168E-04 (146, 4)	3.6887E-04 (146, 4)
8	5.0795E-04 (223, 5)	4.5104E-04 (196, 4)	4.1868E-04 (315, 5)	4.2709E-04 (145, 4)	4.0600E-04 (145, 4)
9	5.5544E-04 (151, 4)	5.9171E-04 (230, 4)	6.0907E-04 (230, 4)	5.9481E-04 (230, 4)	5.4992E-04 (173, 4)
10	4.2980E-04 (121, 4)	4.3272E-04 (211, 5)	4.3487E-04 (173, 6)	4.5340E-04 (173, 6)	4.5085E-04 (173, 6)
11	3.8912E-04 (200, 5)	3.7419E-04 (200, 5)	3.5442E-04 (192, 3)	3.7822E-04 (192, 3)	3.0319E-04 (192, 3)
12	2.9011E-04 (196, 6)	3.0325E-04 (167, 5)	2.7923E-04 (167, 3)	2.8597E-04 (167, 3)	2.8743E-04 (167, 3)
13	2.5336E-04 (237, 5)	2.3992E-04 (167, 3)	2.2888E-04 (222, 6)	2.2427E-04 (167, 3)	2.2139E-04 (257, 6)
14	1.7953E-04 (211, 4)	1.7856E-04 (99, 4)	1.9935E-04 (226, 6)	2.0039E-04 (99, 5)	1.9527E-04 (239, 6)
15	2.4075E-04 (364, 5)	2.4373E-04 (364, 5)	2.2538E-04 (265, 5)	2.1530E-04 (54, 5)	2.2676E-04 (54, 5)
16	2.6880E-04 (282, 4)	2.4123E-04 (282, 4)	2.2401E-04 (54, 5)	2.5575E-04 (338, 5)	2.3823E-04 (338, 5)
17	2.5367E-04 (282, 5)	2.6326E-04 (338, 4)	2.5750E-04 (317, 5)	2.8771E-04 (317, 5)	3.0099E-04 (317, 5)
18	2.7775E-04 (332, 4)	3.2620E-04 (332, 4)	3.4311E-04 (332, 4)	3.4006E-04 (332, 4)	3.2599E-04 (332, 4)
19	2.1383E-04 (108, 5)	2.8044E-04 (364, 5)	3.0739E-04 (122, 3)	2.9270E-04 (291, 4)	3.1246E-04 (291, 4)
20	3.5144E-04 (282, 4)	3.4895E-04 (282, 4)	3.3140E-04 (282, 4)	3.2994E-04 (282, 5)	3.2692E-04 (282, 5)
21	3.8968E-04 (264, 5)	3.9525E-04 (263, 5)	4.3150E-04 (263, 5)	4.1553E-04 (281, 4)	3.8749E-04 (281, 4)
22	4.7927E-04 (172, 4)	4.3246E-04 (172, 4)	3.9265E-04 (254, 6)	3.9509E-04 (254, 6)	3.8754E-04 (344, 4)
23	3.7953E-04 (171, 6)	3.7832E-04 (172, 4)	3.8077E-04 (171, 6)	3.6073E-04 (171, 6)	3.3589E-04 (171, 6)
24	4.9671E-04 (297, 4)	5.2568E-04 (284, 4)	5.6138E-04 (284, 4)	5.6338E-04 (284, 4)	5.4596E-04 (284, 4)
25	5.4362E-04 (110, 5)	4.9094E-04 (286, 5)	4.3942E-04 (305, 4)	4.1526E-04 (305, 4)	3.8845E-04 (305, 4)
26	4.2807E-04 (110, 4)	3.6361E-04 (110, 4)	3.3582E-04 (109, 4)	3.1765E-04 (303, 4)	3.3820E-04 (169, 3)
27	5.2412E-04 (170, 4)	5.1036E-04 (170, 4)	4.7655E-04 (170, 4)	4.3795E-04 (170, 4)	3.9836E-04 (299, 5)
28	3.3831E-04 (221, 4)	3.3307E-04 (165, 4)	3.1570E-04 (195, 3)	3.3716E-04 (204, 3)	3.4573E-04 (204, 3)
29	6.8196E-04 (221, 4)	6.1555E-04 (221, 4)	5.5824E-04 (221, 4)	5.0921E-04 (221, 4)	4.6713E-04 (221, 4)
30	4.4222E-04 (221, 4)	4.1240E-04 (238, 4)	3.8620E-04 (238, 4)	3.8258E-04 (353, 4)	3.9522E-04 (353, 4)
31	4.3629E-04 (243, 4)	4.0784E-04 (136, 4)	4.2620E-04 (136, 4)	3.9683E-04 (219, 4)	3.8705E-04 (219, 4)
32	5.2939E-04 (64, 4)	5.4068E-04 (64, 4)	5.2076E-04 (64, 4)	4.8760E-04 (64, 4)	4.5341E-04 (187, 4)
33	4.9502E-04 (97, 5)	4.3547E-04 (97, 5)	4.4609E-04 (62, 4)	4.4431E-04 (226, 4)	4.0385E-04 (226, 4)
34	4.8030E-04 (159, 4)	4.8490E-04 (159, 4)	4.4123E-04 (199, 4)	3.8325E-04 (199, 4)	3.3286E-04 (199, 4)
35	3.9749E-04 (236, 5)	3.4820E-04 (242, 4)	3.4596E-04 (242, 4)	3.3202E-04 (242, 4)	3.1252E-04 (242, 4)
36	3.2081E-04 (161, 4)	3.5338E-04 (93, 4)	4.0446E-04 (210, 4)	4.0627E-04 (210, 4)	4.0064E-04 (210, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.2313E-04 DIRECTION= 27 DISTANCE= 3.0 KM DAY=248

YEAR= 75

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	6.0985E-05 (120)	5.1608E-05 (120)	5.1362E-05 (82)	4.9118E-05 (43)	4.8305E-05 (255)
2	8.6915E-05 (92)	8.1918E-05 (92)	7.8290E-05 (91)	7.4705E-05 (91)	7.4043E-05 (19)
3	8.0350E-05 (118)	8.7169E-05 (118)	8.6811E-05 (118)	8.2680E-05 (118)	7.6895E-05 (118)
4	7.8209E-05 (109)	7.3845E-05 (118)	7.3548E-05 (118)	7.2275E-05 (24)	6.9388E-05 (24)
5	9.4782E-05 (137)	9.6505E-05 (161)	8.7158E-05 (161)	7.7870E-05 (161)	6.9380E-05 (161)
6	7.8237E-05 (146)	6.8458E-05 (146)	6.0792E-05 (181)	5.5731E-05 (181)	5.3062E-05 (205)
7	9.8044E-05 (178)	8.6864E-05 (178)	7.9286E-05 (167)	7.1232E-05 (167)	6.3784E-05 (167)
8	1.0185E-04 (185)	9.4179E-05 (185)	8.4978E-05 (185)	7.5901E-05 (185)	6.7646E-05 (185)
9	1.1746E-04 (179)	1.1049E-04 (189)	1.0976E-04 (189)	1.0525E-04 (189)	9.9260E-05 (189)
10	8.7289E-05 (179)	7.7687E-05 (179)	7.2305E-05 (156)	6.7000E-05 (156)	6.0437E-05 (166)
11	5.6326E-05 (140)	5.6257E-05 (166)	5.6078E-05 (170)	5.5169E-05 (170)	5.2579E-05 (170)
12	4.1005E-05 (231)	3.9861E-05 (231)	4.3547E-05 (224)	4.5924E-05 (224)	4.6336E-05 (224)
13	7.5155E-05 (226)	6.9672E-05 (226)	6.9259E-05 (230)	6.8102E-05 (230)	6.5459E-05 (230)
14	5.6034E-05 (328)	5.9815E-05 (328)	5.8888E-05 (244)	5.3750E-05 (244)	4.8907E-05 (244)
15	4.1818E-05 (177)	3.6569E-05 (177)	3.6621E-05 (226)	3.9599E-05 (244)	4.0491E-05 (226)
16	5.2554E-05 (95)	5.2626E-05 (95)	4.8509E-05 (244)	4.3389E-05 (244)	3.8982E-05 (244)
17	4.7880E-05 (105)	5.3437E-05 (105)	5.4409E-05 (105)	5.2755E-05 (105)	4.9799E-05 (105)
18	3.9599E-05 (143)	4.2501E-05 (96)	4.4082E-05 (96)	4.3263E-05 (96)	4.1452E-05 (361)
19	3.3668E-05 (94)	3.3189E-05 (94)	3.1943E-05 (94)	3.0643E-05 (94)	2.9600E-05 (94)
20	6.1304E-05 (293)	5.7284E-05 (106)	6.1736E-05 (256)	6.6760E-05 (256)	6.7764E-05 (256)
21	5.6923E-05 (14)	6.6462E-05 (303)	7.0610E-05 (303)	7.0750E-05 (303)	6.7432E-05 (64)
22	7.1537E-05 (176)	7.2395E-05 (176)	7.2771E-05 (176)	7.2409E-05 (176)	7.1393E-05 (176)
23	6.4026E-05 (175)	6.9340E-05 (175)	6.9854E-05 (175)	6.7764E-05 (175)	6.4422E-05 (175)
24	5.0510E-05 (142)	5.2997E-05 (236)	5.6974E-05 (285)	5.8004E-05 (285)	5.6637E-05 (285)
25	6.4999E-05 (247)	6.9120E-05 (142)	7.0444E-05 (116)	6.8277E-05 (116)	6.5925E-05 (116)
26	8.9209E-05 (253)	1.0456E-04 (253)	1.0257E-04 (247)	9.3543E-05 (247)	8.4659E-05 (247)
27	1.2313E-04 (248)	1.2033E-04 (248)	1.1302E-04 (248)	1.0399E-04 (248)	1.0110E-04 (345)
28	8.7353E-05 (250)	8.2981E-05 (184)	7.4007E-05 (212)	7.1908E-05 (250)	6.7022E-05 (330)
29	6.9505E-05 (250)	6.3655E-05 (251)	6.3249E-05 (251)	6.0423E-05 (251)	5.6529E-05 (251)
30	7.8209E-05 (219)	8.0722E-05 (219)	7.6714E-05 (217)	6.9707E-05 (217)	6.9432E-05 (172)
31	4.6814E-05 (114)	4.9730E-05 (215)	5.2342E-05 (222)	5.4031E-05 (222)	5.4088E-05 (222)
32	6.6351E-05 (258)	6.7707E-05 (108)	7.1789E-05 (108)	7.2125E-05 (108)	6.9981E-05 (274)
33	6.7306E-05 (114)	6.3747E-05 (216)	6.5527E-05 (205)	6.2634E-05 (198)	5.9949E-05 (198)
34	7.2008E-05 (216)	6.8122E-05 (216)	6.1787E-05 (216)	5.5154E-05 (216)	5.3041E-05 (114)
35	5.6225E-05 (147)	5.4433E-05 (169)	5.4233E-05 (169)	5.1825E-05 (169)	5.0845E-05 (334)
36	4.8118E-05 (249)	5.7357E-05 (351)	6.3908E-05 (351)	6.6801E-05 (351)	6.7423E-05 (351)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 5.6048E-04 DIRECTION= 9 DISTANCE= 3.0 KM DAY=166 TIME PERIOD= 5

YEAR= 75

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	4.8788E-04 (120, 4)	4.1286E-04 (120, 4)	4.1062E-04 (82, 4)	3.6611E-04 (99, 5)	3.1590E-04 (99, 5)
2	4.4082E-04 (91, 5)	4.7776E-04 (91, 5)	4.7624E-04 (91, 5)	4.5446E-04 (91, 5)	4.2370E-04 (91, 5)
3	4.9115E-04 (210, 5)	4.5925E-04 (203, 4)	4.2618E-04 (100, 5)	4.2229E-04 (100, 5)	4.0130E-04 (216, 5)
4	4.2530E-04 (109, 5)	4.4232E-04 (203, 4)	3.9868E-04 (130, 5)	3.9045E-04 (130, 5)	3.7119E-04 (130, 5)
5	4.9662E-04 (132, 4)	4.4054E-04 (137, 4)	4.1457E-04 (229, 4)	4.3050E-04 (137, 4)	4.1248E-04 (186, 3)
6	5.3058E-04 (146, 4)	4.6445E-04 (146, 4)	3.9749E-04 (146, 4)	3.3858E-04 (146, 4)	3.0017E-04 (167, 3)
7	4.9689E-04 (181, 5)	4.7897E-04 (80, 5)	5.0746E-04 (80, 5)	5.0563E-04 (80, 5)	4.8663E-04 (80, 5)
8	4.4629E-04 (230, 4)	4.1080E-04 (185, 4)	3.7810E-04 (65, 5)	3.6725E-04 (31, 5)	3.6232E-04 (31, 5)
9	5.6048E-04 (166, 5)	5.3653E-04 (225, 4)	4.9408E-04 (227, 5)	4.6199E-04 (125, 4)	4.5191E-04 (125, 4)
10	4.2251E-04 (206, 4)	3.8452E-04 (115, 5)	3.6347E-04 (115, 5)	3.4400E-04 (44, 4)	3.4832E-04 (44, 4)
11	3.8665E-04 (177, 5)	3.5970E-04 (126, 5)	3.2618E-04 (206, 4)	3.1373E-04 (126, 5)	2.8621E-04 (126, 5)
12	2.8991E-04 (140, 6)	3.0378E-04 (140, 6)	2.9860E-04 (140, 6)	2.8387E-04 (140, 6)	2.6528E-04 (140, 6)
13	3.4188E-04 (226, 4)	3.2719E-04 (226, 4)	2.9800E-04 (226, 4)	2.6767E-04 (226, 4)	2.5055E-04 (291, 4)
14	3.8266E-04 (244, 5)	3.7855E-04 (244, 5)	3.5549E-04 (244, 5)	3.2763E-04 (244, 5)	3.0058E-04 (244, 5)
15	2.6932E-04 (297, 4)	2.5031E-04 (134, 4)	2.6051E-04 (177, 4)	2.3524E-04 (177, 4)	2.1474E-04 (177, 4)
16	2.6099E-04 (244, 5)	2.4731E-04 (65, 4)	2.3916E-04 (105, 4)	2.2969E-04 (62, 5)	2.3218E-04 (62, 5)
17	3.4504E-04 (95, 4)	3.3414E-04 (95, 4)	3.1571E-04 (95, 4)	2.9490E-04 (95, 4)	2.8007E-04 (328, 4)
18	2.5102E-04 (95, 4)	2.6430E-04 (143, 6)	2.5548E-04 (185, 4)	2.5371E-04 (185, 4)	2.4673E-04 (185, 4)
19	2.6367E-04 (94, 4)	2.5871E-04 (94, 4)	2.4545E-04 (94, 4)	2.2916E-04 (94, 4)	2.1254E-04 (94, 4)
20	3.8508E-04 (206, 4)	3.7967E-04 (206, 4)	3.6089E-04 (228, 6)	3.3027E-04 (94, 4)	3.1200E-04 (94, 4)
21	4.2385E-04 (56, 4)	4.4758E-04 (56, 4)	4.4277E-04 (56, 4)	4.2402E-04 (56, 4)	3.9971E-04 (56, 4)
22	3.6953E-04 (141, 4)	3.6656E-04 (141, 4)	3.4515E-04 (141, 4)	3.4193E-04 (116, 3)	3.3110E-04 (116, 3)
23	4.1342E-04 (85, 5)	4.7665E-04 (85, 5)	4.9284E-04 (181, 4)	4.8706E-04 (85, 5)	4.6407E-04 (85, 5)
24	3.7746E-04 (247, 5)	3.3669E-04 (247, 5)	3.3547E-04 (285, 5)	3.4100E-04 (175, 4)	3.3297E-04 (285, 5)
25	4.7695E-04 (116, 4)	4.1481E-04 (116, 4)	3.8946E-04 (276, 4)	3.8826E-04 (112, 3)	3.8924E-04 (112, 3)
26	4.9721E-04 (116, 4)	4.3517E-04 (142, 4)	4.0620E-04 (286, 5)	3.9809E-04 (142, 4)	3.6768E-04 (142, 4)
27	4.6801E-04 (248, 5)	4.4798E-04 (218, 3)	4.3526E-04 (284, 4)	4.4390E-04 (322, 5)	4.0592E-04 (247, 4)
28	3.7348E-04 (286, 4)	3.9329E-04 (212, 3)	4.0044E-04 (86, 5)	4.0762E-04 (86, 5)	3.9891E-04 (86, 5)
29	3.7985E-04 (217, 4)	3.2503E-04 (217, 4)	3.4096E-04 (217, 3)	3.7640E-04 (217, 3)	3.7522E-04 (132, 3)
30	4.9245E-04 (219, 4)	4.7103E-04 (219, 4)	4.7142E-04 (162, 3)	4.8950E-04 (162, 3)	4.9385E-04 (162, 3)
31	3.5170E-04 (35, 4)	3.6532E-04 (35, 4)	3.9018E-04 (222, 5)	3.9837E-04 (340, 5)	3.9341E-04 (168, 3)
32	3.9827E-04 (168, 4)	3.9177E-04 (281, 4)	4.1993E-04 (130, 4)	4.3700E-04 (130, 4)	4.3445E-04 (130, 4)
33	5.1205E-04 (114, 5)	4.5746E-04 (274, 4)	4.2721E-04 (218, 4)	3.9404E-04 (28, 4)	3.9026E-04 (274, 4)
34	4.9937E-04 (216, 4)	4.5405E-04 (216, 4)	3.9909E-04 (216, 4)	3.6009E-04 (152, 3)	3.3669E-04 (114, 5)
35	3.2398E-04 (205, 4)	3.0197E-04 (205, 4)	2.7495E-04 (205, 4)	2.5491E-04 (221, 5)	2.4793E-04 (221, 5)
36	3.2449E-04 (120, 4)	3.2650E-04 (205, 4)	3.6665E-04 (9, 4)	4.0472E-04 (9, 4)	4.1156E-04 (202, 4)

COMPOSITE HIGHEST,SECOND-HIGHEST 24-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	64.	77.	82.	77.	72.
2	87.	82.	82.	82.	79.
3	80.	87.	87.	83.	77.
4	78.	74.	74.	72.	69.
5	101.	99.	94.	87.	80.
6	97.	95.	91.	88.	84.
7	108.	103.	98.	92.	83.
8	115.	105.	95.	89.	86.
9	140.	137.	140.	137.	133.
10	120.	112.	105.	102.	98.
11	74.	86.	90.	90.	86.
12	69.	80.	78.	67.	59.
13	75.	70.	69.	68.	65.
14	56.	60.	59.	54.	49.
15	49.	49.	54.	55.	54.
16	53.	61.	60.	57.	56.
17	53.	53.	54.	53.	50.
18	57.	60.	61.	59.	57.
19	44.	46.	47.	48.	47.
20	69.	62.	62.	67.	68.
21	101.	95.	86.	90.	88.
22	77.	74.	73.	72.	71.
23	85.	77.	76.	74.	71.
24	105.	136.	152.	149.	142.
25	96.	96.	96.	92.	87.
26	110.	108.	105.	105.	106.
27	123.	120.	113.	104.	101.
28	87.	91.	90.	86.	81.
29	85.	84.	81.	80.	78.
30	78.	81.	77.	75.	75.
31	76.	75.	80.	81.	80.
32	85.	90.	82.	75.	70.
33	89.	81.	84.	83.	81.
34	78.	86.	82.	77.	70.
35	80.	73.	65.	57.	51.
36	87.	77.	68.	67.	67.

COMPOSITE HIGHEST, SECOND-HIGHEST 3-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	488.	413.	411.	384.	356.
2	441.	478.	476.	454.	424.
3	540.	459.	426.	422.	401.
4	477.	461.	432.	399.	372.
5	518.	559.	513.	466.	427.
6	531.	472.	486.	491.	470.
7	527.	558.	510.	506.	487.
8	662.	625.	572.	519.	471.
9	721.	690.	636.	595.	577.
10	584.	551.	521.	482.	451.
11	389.	424.	443.	389.	383.
12	362.	427.	387.	333.	295.
13	389.	427.	430.	414.	388.
14	383.	379.	369.	359.	351.
15	324.	364.	392.	361.	339.
16	310.	369.	392.	378.	357.
17	345.	341.	370.	369.	355.
18	348.	387.	350.	349.	352.
19	336.	334.	341.	327.	319.
20	385.	380.	361.	330.	327.
21	424.	448.	443.	424.	400.
22	521.	490.	433.	406.	388.
23	497.	477.	493.	487.	464.
24	497.	526.	561.	563.	546.
25	544.	526.	509.	514.	504.
26	497.	436.	499.	508.	484.
27	524.	510.	477.	444.	406.
28	636.	581.	523.	461.	427.
29	682.	616.	558.	509.	467.
30	492.	471.	471.	490.	494.
31	436.	414.	426.	424.	420.
32	529.	541.	521.	488.	453.
33	512.	509.	507.	500.	478.
34	409.	485.	460.	461.	471.
35	523.	448.	379.	332.	313.
36	522.	472.	418.	406.	412.

RING DISTANCES(KM)= 5.50 6.00 7.00 20.80 53.20

STACK # 1--TECO 1&2 50% 31.5T/H SO2
STACK # 2--TECO 3&4 50% 31.5T/H SO2

STACK	MONTH	EMISSION RATE (GMS/SEC)	HEIGHT (METERS)	DIAMETER (METERS)	EXIT VELOCITY (M/SEC)	TEMP (DEG.K)	VOLUMETRIC FLOW (M**3/SEC)
1	ALL	2624.5500	149.40	7.32	16.30	400.00	685.96
2	ALL	1699.1699	149.40	7.32	19.10	361.00	803.79

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.0182E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=256

YEAR= 71

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	4.3223E-05 (113)	4.0059E-05 (229)	3.7016E-05 (239)	3.1419E-05 (38)	1.6252E-05 (113)
2	6.8844E-05 (331)	6.4621E-05 (331)	5.6615E-05 (331)	3.9437E-05 (30)	1.8796E-05 (61)
3	5.8683E-05 (205)	5.4142E-05 (205)	4.6066E-05 (205)	2.0903E-05 (354)	1.3375E-05 (111)
4	5.4109E-05 (127)	5.1131E-05 (127)	4.4580E-05 (127)	1.5509E-05 (114)	9.0771E-06 (180)
5	5.1872E-05 (219)	4.9174E-05 (211)	4.4759E-05 (211)	1.9313E-05 (205)	1.4093E-05 (92)
6	4.5911E-05 (224)	4.5066E-05 (224)	4.2129E-05 (224)	4.0530E-05 (114)	1.8310E-05 (118)
7	6.6751E-05 (224)	6.3666E-05 (224)	5.7041E-05 (224)	2.2635E-05 (118)	1.2774E-05 (117)
8	5.6559E-05 (139)	5.1900E-05 (232)	4.8328E-05 (256)	2.7734E-05 (167)	1.4728E-05 (256)
9	1.0182E-04 (256)	9.7488E-05 (256)	8.7857E-05 (256)	5.4986E-05 (167)	2.5966E-05 (167)
10	8.0151E-05 (161)	7.6309E-05 (161)	6.8743E-05 (161)	3.7149E-05 (195)	1.9592E-05 (195)
11	5.1975E-05 (196)	4.9722E-05 (197)	4.1949E-05 (197)	2.7679E-05 (44)	1.2337E-05 (325)
12	5.1689E-05 (198)	4.6074E-05 (198)	4.3712E-05 (123)	3.7595E-05 (123)	1.6923E-05 (44)
13	5.0271E-05 (198)	4.5689E-05 (198)	4.0032E-05 (123)	2.1605E-05 (141)	1.4415E-05 (79)
14	4.3328E-05 (222)	4.0905E-05 (199)	3.6322E-05 (199)	2.5416E-05 (63)	1.3373E-05 (19)
15	5.2168E-05 (221)	4.9255E-05 (221)	4.2979E-05 (221)	3.0146E-05 (121)	1.4932E-05 (299)
16	4.7754E-05 (222)	4.5904E-05 (222)	4.1700E-05 (222)	2.6358E-05 (121)	1.4467E-05 (89)
17	3.7146E-05 (181)	3.9014E-05 (181)	3.4686E-05 (317)	1.9459E-05 (19)	8.3976E-06 (67)
18	4.3713E-05 (316)	4.1467E-05 (316)	3.6787E-05 (316)	2.2552E-05 (89)	1.2977E-05 (89)
19	3.2329E-05 (99)	3.1173E-05 (20)	2.9304E-05 (275)	2.6942E-05 (67)	1.4475E-05 (314)
20	3.3464E-05 (334)	3.2655E-05 (334)	2.9942E-05 (334)	1.9338E-05 (41)	1.1082E-05 (329)
21	6.0198E-05 (334)	5.8702E-05 (329)	5.4636E-05 (329)	3.5011E-05 (356)	1.9534E-05 (356)
22	4.4805E-05 (47)	4.1966E-05 (47)	3.7890E-05 (47)	3.5030E-05 (356)	1.8445E-05 (301)
23	5.3988E-05 (272)	5.1128E-05 (271)	4.7074E-05 (271)	5.1462E-05 (292)	2.4233E-05 (292)
24	6.2172E-05 (156)	5.6381E-05 (156)	5.2942E-05 (311)	4.3047E-05 (319)	3.0399E-05 (319)
25	5.4430E-05 (285)	5.1094E-05 (285)	4.5016E-05 (285)	3.0309E-05 (156)	1.8197E-05 (156)
26	5.6761E-05 (267)	5.3190E-05 (267)	4.5829E-05 (267)	4.1626E-05 (33)	1.9899E-05 (33)
27	8.0662E-05 (190)	8.0993E-05 (101)	6.9844E-05 (101)	3.8713E-05 (49)	2.0576E-05 (49)
28	7.5426E-05 (101)	7.0163E-05 (101)	6.0708E-05 (101)	3.0228E-05 (327)	1.8235E-05 (244)
29	6.8510E-05 (188)	6.6210E-05 (214)	5.9108E-05 (214)	3.4013E-05 (305)	1.9712E-05 (231)
30	6.7778E-05 (210)	6.4778E-05 (210)	5.8192E-05 (210)	3.6524E-05 (3)	2.7206E-05 (353)
31	4.9462E-05 (182)	4.7109E-05 (182)	4.2305E-05 (346)	2.9255E-05 (242)	1.8413E-05 (261)
32	5.1787E-05 (2)	4.8319E-05 (2)	4.2692E-05 (139)	2.1328E-05 (345)	1.1866E-05 (132)
33	7.8268E-05 (363)	7.4504E-05 (363)	6.6041E-05 (363)	3.9140E-05 (332)	2.3243E-05 (205)
34	6.4478E-05 (259)	5.9077E-05 (259)	5.2949E-05 (200)	1.9953E-05 (157)	1.4895E-05 (59)
35	4.4104E-05 (211)	4.0365E-05 (229)	3.4663E-05 (260)	1.4776E-05 (252)	1.2224E-05 (255)
36	4.9822E-05 (179)	4.9208E-05 (179)	4.6389E-05 (179)	3.3798E-05 (228)	2.3944E-05 (228)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 4.9160E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=256 TIME PERIOD= 4

YEAR= 71

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	2.4597E-04 (239, 4)	2.6972E-04 (239, 4)	2.4009E-04 (92, 4)	1.5428E-04 (239, 4)	8.1210E-05 (201, 4)
2	3.6702E-04 (25, 4)	3.4719E-04 (25, 4)	3.0789E-04 (297, 4)	1.4641E-04 (30, 6)	7.1104E-05 (53, 6)
3	3.3837E-04 (331, 4)	3.2125E-04 (331, 4)	2.8289E-04 (331, 4)	1.1532E-04 (88, 4)	7.1535E-05 (112, 2)
4	3.4401E-04 (131, 4)	3.2011E-04 (131, 4)	2.7253E-04 (131, 4)	1.1066E-04 (85, 4)	5.5957E-05 (116, 1)
5	3.6784E-04 (205, 6)	3.7371E-04 (219, 6)	3.3088E-04 (219, 6)	1.1651E-04 (205, 6)	6.5604E-05 (118, 8)
6	3.2046E-04 (224, 4)	3.1165E-04 (159, 4)	2.7096E-04 (159, 4)	1.1147E-04 (224, 4)	8.7778E-05 (60, 7)
7	3.8938E-04 (229, 6)	3.7832E-04 (224, 4)	3.4553E-04 (224, 4)	1.3992E-04 (229, 6)	6.0971E-05 (229, 6)
8	4.3571E-04 (232, 5)	4.1469E-04 (232, 5)	3.6530E-04 (232, 5)	1.0569E-04 (167, 2)	6.9400E-05 (344, 6)
9	4.9160E-04 (256, 4)	4.6474E-04 (256, 4)	4.0840E-04 (256, 4)	1.8453E-04 (200, 6)	1.0007E-04 (229, 7)
10	3.9704E-04 (298, 4)	3.8535E-04 (298, 4)	3.5656E-04 (168, 4)	1.7143E-04 (298, 4)	8.0903E-05 (172, 8)
11	2.7600E-04 (192, 5)	2.5000E-04 (192, 5)	2.1059E-04 (346, 5)	1.1218E-04 (183, 3)	6.4588E-05 (346, 6)
12	2.8850E-04 (317, 4)	2.7042E-04 (317, 4)	2.8399E-04 (220, 3)	1.2893E-04 (39, 6)	6.8719E-05 (220, 3)
13	2.8069E-04 (136, 4)	2.6056E-04 (136, 4)	2.2234E-04 (136, 4)	1.0531E-04 (79, 1)	6.6690E-05 (200, 7)
14	3.4208E-04 (199, 6)	3.2724E-04 (199, 6)	2.9057E-04 (199, 6)	1.0815E-04 (136, 2)	6.5618E-05 (136, 2)
15	3.1520E-04 (222, 5)	2.9055E-04 (222, 5)	2.4467E-04 (222, 5)	1.2609E-04 (96, 3)	7.0978E-05 (10, 1)
16	3.3336E-04 (169, 4)	3.1042E-04 (169, 4)	2.6890E-04 (169, 4)	1.2688E-04 (172, 3)	8.3910E-05 (76, 7)
17	2.9167E-04 (162, 4)	2.7401E-04 (162, 4)	2.4089E-04 (162, 4)	1.0967E-04 (136, 3)	5.8113E-05 (289, 6)
18	2.7032E-04 (275, 4)	2.5663E-04 (300, 4)	2.2512E-04 (300, 4)	1.3092E-04 (301, 4)	9.0387E-05 (226, 1)
19	2.5862E-04 (99, 4)	2.3859E-04 (99, 4)	2.0513E-04 (99, 4)	1.2314E-04 (338, 3)	6.7208E-05 (67, 3)
20	2.1351E-04 (99, 4)	2.0004E-04 (99, 4)	1.7772E-04 (334, 4)	1.2368E-04 (150, 3)	6.8658E-05 (357, 8)
21	3.1376E-04 (329, 4)	3.0235E-04 (329, 4)	2.7597E-04 (170, 3)	1.3902E-04 (55, 4)	8.4883E-05 (115, 3)
22	3.3002E-04 (142, 5)	3.0846E-04 (142, 5)	2.5854E-04 (142, 5)	1.2522E-04 (16, 5)	9.2099E-05 (301, 8)
23	3.4504E-04 (271, 5)	3.2432E-04 (271, 5)	2.9455E-04 (273, 4)	1.6119E-04 (309, 2)	8.0221E-05 (267, 3)
24	3.1830E-04 (258, 4)	2.9854E-04 (258, 4)	2.7546E-04 (269, 4)	1.4412E-04 (357, 5)	1.0991E-04 (310, 1)
25	3.7821E-04 (137, 4)	3.5248E-04 (137, 4)	3.0197E-04 (137, 4)	1.4774E-04 (94, 2)	8.5121E-05 (336, 6)
26	3.1252E-04 (360, 4)	2.8905E-04 (360, 4)	2.4792E-04 (318, 4)	1.3649E-04 (232, 4)	9.8905E-05 (336, 7)
27	3.8088E-04 (265, 4)	3.6495E-04 (265, 4)	3.3219E-04 (153, 3)	1.5199E-04 (265, 4)	8.8414E-05 (135, 1)
28	3.4344E-04 (101, 5)	3.1151E-04 (101, 5)	2.8928E-04 (233, 3)	1.5040E-04 (231, 4)	8.0908E-05 (241, 7)
29	4.1515E-04 (231, 4)	3.8285E-04 (231, 4)	3.3139E-04 (231, 4)	1.9209E-04 (3, 6)	8.8891E-05 (233, 4)
30	3.4319E-04 (182, 4)	3.3794E-04 (72, 4)	3.2928E-04 (72, 4)	1.4339E-04 (211, 3)	1.1306E-04 (253, 1)
31	3.3620E-04 (346, 4)	3.3020E-04 (346, 4)	3.0533E-04 (87, 4)	1.1790E-04 (346, 4)	7.5990E-05 (139, 2)
32	3.6374E-04 (230, 4)	3.3069E-04 (230, 4)	2.9684E-04 (184, 3)	1.2809E-04 (139, 3)	9.1564E-05 (328, 4)
33	4.4846E-04 (77, 5)	4.2958E-04 (185, 4)	4.0472E-04 (185, 4)	1.6598E-04 (185, 4)	9.4957E-05 (205, 2)
34	4.6108E-04 (187, 4)	4.2681E-04 (187, 4)	3.7271E-04 (206, 3)	1.5501E-04 (200, 3)	7.7657E-05 (59, 1)
35	2.3338E-04 (211, 4)	2.0246E-04 (211, 4)	1.7938E-04 (23, 5)	9.2672E-05 (260, 4)	9.7789E-05 (255, 8)
36	3.9858E-04 (179, 3)	3.9366E-04 (179, 3)	3.7111E-04 (179, 3)	1.4743E-04 (9, 3)	7.5714E-05 (58, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.2775E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=242

YEAR= 72

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	6.6869E-05 (113)	6.1940E-05 (113)	5.3444E-05 (113)	2.8440E-05 (38)	1.5564E-05 (38)
2	7.5087E-05 (57)	7.0583E-05 (57)	6.1926E-05 (57)	2.7966E-05 (5)	1.4808E-05 (5)
3	6.0942E-05 (57)	5.6587E-05 (105)	4.9931E-05 (105)	3.2205E-05 (129)	1.9268E-05 (89)
4	4.7756E-05 (58)	4.5263E-05 (58)	4.1594E-05 (159)	2.0045E-05 (319)	1.1885E-05 (98)
5	6.6176E-05 (261)	6.0485E-05 (261)	5.2500E-05 (292)	1.9811E-05 (172)	1.2839E-05 (312)
6	6.6396E-05 (261)	6.2267E-05 (261)	5.5025E-05 (261)	2.8653E-05 (85)	1.4045E-05 (239)
7	7.4370E-05 (309)	6.8305E-05 (309)	5.7704E-05 (309)	2.7617E-05 (172)	1.3813E-05 (99)
8	7.1968E-05 (220)	6.7024E-05 (220)	5.8365E-05 (220)	3.5664E-05 (172)	1.9840E-05 (180)
9	1.2775E-04 (242)	1.1893E-04 (242)	1.0372E-04 (242)	8.9155E-05 (173)	3.7717E-05 (173)
10	9.1791E-05 (181)	8.5944E-05 (181)	7.5277E-05 (181)	3.3608E-05 (124)	1.5111E-05 (181)
11	5.4797E-05 (131)	5.0071E-05 (131)	4.4707E-05 (143)	3.0204E-05 (143)	1.5410E-05 (143)
12	5.2416E-05 (245)	5.0632E-05 (245)	4.6403E-05 (245)	2.6629E-05 (245)	1.5563E-05 (5)
13	5.5861E-05 (303)	5.3906E-05 (303)	4.8649E-05 (303)	3.2678E-05 (91)	1.7927E-05 (361)
14	3.9482E-05 (194)	3.6697E-05 (194)	3.1967E-05 (194)	2.6902E-05 (281)	1.9539E-05 (142)
15	3.2667E-05 (194)	3.0236E-05 (194)	2.9107E-05 (146)	2.8629E-05 (44)	1.7758E-05 (6)
16	3.5868E-05 (322)	3.5033E-05 (322)	3.2887E-05 (322)	2.3107E-05 (325)	1.1090E-05 (325)
17	4.2221E-05 (45)	3.9489E-05 (45)	4.3250E-05 (326)	3.4384E-05 (351)	1.6108E-05 (351)
18	4.3426E-05 (147)	4.3303E-05 (147)	4.0816E-05 (147)	4.2709E-05 (328)	2.5009E-05 (326)
19	3.1833E-05 (313)	3.2834E-05 (208)	3.5473E-05 (208)	2.7536E-05 (16)	1.4164E-05 (16)
20	5.1313E-05 (83)	5.0349E-05 (83)	4.5797E-05 (336)	2.1705E-05 (336)	1.2852E-05 (327)
21	4.3933E-05 (336)	4.1871E-05 (336)	3.7882E-05 (336)	2.6309E-05 (92)	1.2420E-05 (16)
22	4.6989E-05 (86)	4.5537E-05 (86)	4.0551E-05 (288)	3.9281E-05 (66)	2.0610E-05 (329)
23	4.4188E-05 (266)	4.2272E-05 (279)	4.0909E-05 (117)	4.9651E-05 (17)	2.5218E-05 (353)
24	6.6207E-05 (192)	6.4036E-05 (267)	5.7685E-05 (267)	4.1402E-05 (100)	2.3901E-05 (353)
25	6.3517E-05 (157)	5.8495E-05 (157)	4.9446E-05 (157)	3.8132E-05 (156)	2.0047E-05 (156)
26	9.0510E-05 (265)	8.4699E-05 (265)	7.4014E-05 (265)	3.8377E-05 (203)	2.0453E-05 (66)
27	7.5249E-05 (207)	7.3128E-05 (207)	6.8117E-05 (207)	6.1163E-05 (268)	3.2273E-05 (167)
28	6.0944E-05 (339)	5.7681E-05 (339)	5.3572E-05 (168)	6.7619E-05 (121)	3.2060E-05 (121)
29	7.4146E-05 (101)	7.0629E-05 (101)	6.4298E-05 (101)	3.5782E-05 (127)	1.6644E-05 (119)
30	6.0792E-05 (185)	6.0827E-05 (228)	5.6038E-05 (228)	2.8746E-05 (185)	2.1634E-05 (102)
31	6.1025E-05 (241)	5.9498E-05 (241)	5.5779E-05 (241)	2.3105E-05 (241)	1.6281E-05 (308)
32	6.2283E-05 (61)	5.8493E-05 (61)	5.1437E-05 (61)	2.7155E-05 (120)	1.9403E-05 (1)
33	7.5210E-05 (12)	7.1914E-05 (12)	6.4549E-05 (12)	3.5550E-05 (12)	2.0005E-05 (301)
34	3.5860E-05 (308)	3.5397E-05 (308)	3.3492E-05 (54)	2.1051E-05 (161)	1.3202E-05 (22)
35	3.7976E-05 (87)	3.5825E-05 (87)	3.7916E-05 (307)	1.8247E-05 (319)	1.1789E-05 (13)
36	4.6764E-05 (341)	4.5286E-05 (341)	4.1585E-05 (341)	2.8933E-05 (301)	1.4035E-05 (357)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 5.1834E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=182 TIME PERIOD= 4

YEAR= 72

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR	RANGE 5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	3.4444E-04 (341, 4)	3.3238E-04 (341, 4)	2.9031E-04 (107, 4)	1.5171E-04 (38, 2)	8.1704E-05 (330, 7)
2	3.8470E-04 (57, 4)	3.6183E-04 (57, 4)	3.0528E-04 (55, 5)	1.2640E-04 (5, 6)	6.6580E-05 (31, 2)
3	3.3224E-04 (149, 5)	3.1006E-04 (149, 5)	2.8163E-04 (136, 3)	1.3656E-04 (5, 5)	6.7500E-05 (319, 6)
4	3.5995E-04 (159, 3)	3.5307E-04 (269, 6)	3.2454E-04 (269, 6)	1.2061E-04 (245, 5)	5.6994E-05 (243, 7)
5	3.5663E-04 (211, 6)	3.4192E-04 (211, 6)	3.0473E-04 (211, 6)	1.2457E-04 (357, 5)	7.2658E-05 (55, 4)
6	3.8236E-04 (359, 5)	3.7489E-04 (359, 5)	3.5208E-04 (244, 4)	1.5897E-04 (244, 4)	9.3255E-05 (350, 6)
7	3.9466E-04 (138, 4)	3.7412E-04 (138, 4)	3.2922E-04 (138, 4)	1.1925E-04 (33, 2)	6.6066E-05 (33, 2)
8	3.9622E-04 (219, 3)	3.8254E-04 (219, 3)	3.4723E-04 (219, 3)	1.3288E-04 (175, 7)	7.7070E-05 (175, 7)
9	5.1834E-04 (182, 4)	4.8579E-04 (207, 6)	4.4517E-04 (207, 6)	1.6111E-04 (152, 7)	8.4130E-05 (152, 7)
10	4.2069E-04 (215, 5)	3.9896E-04 (215, 5)	3.5039E-04 (215, 5)	1.4823E-04 (209, 6)	6.7185E-05 (220, 7)
11	2.8384E-04 (222, 5)	2.6102E-04 (222, 5)	2.5231E-04 (239, 5)	1.3526E-04 (44, 6)	7.0277E-05 (97, 7)
12	2.8561E-04 (245, 6)	2.7822E-04 (245, 6)	2.5855E-04 (245, 6)	1.5602E-04 (258, 6)	1.0614E-04 (184, 4)
13	3.5950E-04 (146, 4)	3.3075E-04 (146, 4)	3.1556E-04 (184, 4)	1.0418E-04 (91, 6)	7.0876E-05 (91, 7)
14	3.1586E-04 (194, 3)	2.9357E-04 (194, 3)	2.5573E-04 (194, 3)	1.6502E-04 (281, 4)	9.5185E-05 (142, 3)
15	2.0682E-04 (109, 6)	2.0637E-04 (26, 5)	2.0909E-04 (194, 3)	1.6124E-04 (50, 1)	1.0998E-04 (299, 7)
16	2.5608E-04 (263, 4)	2.2655E-04 (263, 4)	1.8164E-04 (263, 4)	1.0658E-04 (148, 6)	6.4128E-05 (313, 4)
17	3.3382E-04 (45, 5)	3.1227E-04 (45, 5)	2.7395E-04 (45, 5)	1.1773E-04 (245, 4)	6.3976E-05 (326, 2)
18	3.4741E-04 (147, 4)	3.3429E-04 (326, 4)	2.9904E-04 (326, 4)	1.3379E-04 (48, 1)	7.4405E-05 (320, 3)
19	2.5074E-04 (231, 4)	2.6267E-04 (208, 5)	2.8378E-04 (208, 5)	1.2797E-04 (16, 2)	7.6717E-05 (205, 8)
20	2.5492E-04 (83, 3)	2.5214E-04 (83, 3)	2.3532E-04 (83, 3)	1.1072E-04 (260, 3)	7.6787E-05 (40, 7)
21	3.2861E-04 (288, 5)	3.0898E-04 (288, 5)	2.6769E-04 (288, 5)	1.3547E-04 (250, 4)	7.4314E-05 (329, 1)
22	2.4847E-04 (288, 5)	2.3221E-04 (288, 5)	1.9899E-04 (288, 5)	1.3301E-04 (17, 1)	7.2780E-05 (244, 6)
23	2.9561E-04 (342, 5)	2.8103E-04 (342, 5)	2.4716E-04 (342, 5)	1.6375E-04 (17, 8)	8.5230E-05 (240, 7)
24	2.9214E-04 (52, 4)	2.9485E-04 (52, 4)	2.8759E-04 (52, 4)	1.3476E-04 (52, 4)	9.2189E-05 (339, 2)
25	3.5231E-04 (226, 4)	3.3141E-04 (226, 4)	3.0960E-04 (203, 3)	1.5677E-04 (203, 3)	8.1750E-05 (191, 8)
26	3.1511E-04 (157, 3)	3.0619E-04 (157, 3)	2.8113E-04 (157, 3)	1.4828E-04 (126, 8)	8.7483E-05 (338, 7)
27	3.3217E-04 (337, 5)	3.1870E-04 (240, 4)	2.9970E-04 (240, 4)	1.7984E-04 (306, 6)	1.1014E-04 (166, 1)
28	4.0117E-04 (297, 4)	3.7320E-04 (297, 4)	3.2149E-04 (198, 3)	1.8069E-04 (133, 7)	9.4044E-05 (161, 1)
29	2.7983E-04 (198, 3)	2.6942E-04 (198, 3)	2.4584E-04 (198, 3)	1.2661E-04 (253, 4)	8.2862E-05 (324, 1)
30	4.2922E-04 (1, 4)	4.0639E-04 (1, 4)	3.5645E-04 (1, 4)	1.6860E-04 (228, 3)	7.4008E-05 (228, 3)
31	2.8626E-04 (241, 4)	2.6654E-04 (214, 3)	2.5875E-04 (214, 3)	1.1349E-04 (269, 4)	1.0283E-04 (236, 7)
32	3.3110E-04 (61, 4)	3.0783E-04 (61, 4)	2.6303E-04 (61, 4)	1.2736E-04 (135, 1)	8.6971E-05 (1, 8)
33	4.1478E-04 (12, 4)	3.9618E-04 (12, 4)	3.5102E-04 (12, 4)	1.4060E-04 (262, 4)	6.6219E-05 (365, 6)
34	2.4628E-04 (12, 4)	2.4425E-04 (56, 4)	2.3585E-04 (56, 4)	1.3056E-04 (22, 3)	7.8672E-05 (22, 3)
35	2.5079E-04 (213, 5)	2.2790E-04 (213, 5)	2.0964E-04 (319, 4)	1.0534E-04 (90, 7)	7.4724E-05 (324, 7)
36	3.2102E-04 (319, 5)	3.1193E-04 (319, 5)	2.8818E-04 (319, 5)	1.3278E-04 (91, 1)	6.3327E-05 (302, 3)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.0481E-04 DIRECTION= 26 DISTANCE= 5.5 KM DAY=336

YEAR= 73

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	4.9391E-05 (193)	4.7895E-05 (193)	4.4199E-05 (193)	3.1704E-05 (364)	1.7558E-05 (45)
2	5.9790E-05 (159)	5.5908E-05 (159)	5.1066E-05 (71)	2.9050E-05 (146)	1.8296E-05 (148)
3	4.8827E-05 (151)	4.5548E-05 (3)	4.0692E-05 (3)	2.5798E-05 (200)	1.3858E-05 (200)
4	4.7278E-05 (194)	4.4906E-05 (313)	3.8836E-05 (313)	2.2341E-05 (178)	1.3638E-05 (145)
5	7.3147E-05 (192)	6.7027E-05 (192)	5.8416E-05 (182)	2.3773E-05 (117)	1.0980E-05 (117)
6	8.1031E-05 (209)	7.8252E-05 (209)	7.1536E-05 (186)	3.7854E-05 (144)	1.7717E-05 (144)
7	7.5059E-05 (185)	7.0234E-05 (140)	6.4935E-05 (140)	3.1119E-05 (209)	1.6187E-05 (114)
8	7.9248E-05 (185)	7.2630E-05 (185)	6.2457E-05 (185)	2.5168E-05 (253)	1.0970E-05 (301)
9	7.4147E-05 (132)	6.8602E-05 (66)	6.2269E-05 (236)	3.9653E-05 (134)	2.5689E-05 (134)
10	6.8188E-05 (320)	6.5314E-05 (196)	5.5945E-05 (166)	3.6113E-05 (258)	2.1396E-05 (258)
11	5.6311E-05 (160)	5.5482E-05 (263)	4.9126E-05 (263)	3.6138E-05 (85)	1.6344E-05 (76)
12	5.0891E-05 (100)	5.1724E-05 (207)	4.7588E-05 (138)	3.1839E-05 (98)	1.8394E-05 (98)
13	3.6928E-05 (135)	3.6492E-05 (135)	3.6626E-05 (41)	4.5993E-05 (41)	1.9535E-05 (29)
14	4.2483E-05 (175)	4.1310E-05 (175)	3.9538E-05 (175)	3.2698E-05 (175)	1.8364E-05 (175)
15	4.8539E-05 (47)	4.7108E-05 (47)	4.0107E-05 (118)	2.6007E-05 (47)	1.3913E-05 (350)
16	5.0472E-05 (356)	4.7475E-05 (356)	4.4440E-05 (188)	1.9953E-05 (342)	1.1781E-05 (5)
17	4.0137E-05 (182)	3.7551E-05 (182)	3.3372E-05 (190)	3.6213E-05 (342)	1.9813E-05 (12)
18	5.3110E-05 (103)	4.9551E-05 (103)	4.3074E-05 (103)	2.3698E-05 (42)	1.7030E-05 (297)
19	4.6255E-05 (305)	4.4100E-05 (268)	3.8756E-05 (268)	2.5257E-05 (10)	1.2528E-05 (136)
20	4.8912E-05 (233)	4.4254E-05 (233)	4.0702E-05 (299)	2.9873E-05 (24)	1.8506E-05 (24)
21	8.5050E-05 (221)	8.1586E-05 (221)	7.3974E-05 (221)	3.5983E-05 (11)	2.1324E-05 (11)
22	5.8776E-05 (125)	5.4960E-05 (125)	4.7856E-05 (125)	3.3477E-05 (233)	1.9846E-05 (292)
23	5.3576E-05 (191)	4.9666E-05 (191)	4.3397E-05 (191)	4.3762E-05 (291)	2.1236E-05 (315)
24	7.4419E-05 (59)	7.0070E-05 (59)	6.0950E-05 (59)	3.4125E-05 (276)	2.1473E-05 (240)
25	8.4739E-05 (317)	8.2773E-05 (317)	7.7083E-05 (317)	3.8105E-05 (321)	2.3485E-05 (271)
26	1.0481E-04 (336)	1.0155E-04 (336)	9.2579E-05 (336)	3.1885E-05 (336)	1.7342E-05 (49)
27	5.8869E-05 (336)	5.6382E-05 (336)	5.0787E-05 (336)	4.1143E-05 (60)	2.3859E-05 (288)
28	5.8012E-05 (55)	5.5883E-05 (55)	5.0401E-05 (105)	3.9376E-05 (105)	1.8384E-05 (105)
29	7.0850E-05 (238)	6.6832E-05 (238)	5.9629E-05 (238)	3.3602E-05 (105)	2.0486E-05 (105)
30	7.2995E-05 (244)	7.0148E-05 (244)	6.3724E-05 (244)	3.3889E-05 (359)	1.8998E-05 (21)
31	5.5748E-05 (160)	5.5573E-05 (160)	5.3326E-05 (160)	3.2084E-05 (88)	2.0675E-05 (113)
32	6.2627E-05 (322)	5.7495E-05 (322)	5.4373E-05 (329)	4.3595E-05 (88)	2.2274E-05 (21)
33	5.1652E-05 (217)	4.7251E-05 (274)	4.1017E-05 (274)	2.5947E-05 (70)	1.2875E-05 (171)
34	5.8879E-05 (227)	5.7904E-05 (217)	4.9923E-05 (217)	2.6547E-05 (213)	1.6087E-05 (213)
35	4.5208E-05 (194)	4.3291E-05 (194)	4.2118E-05 (40)	3.8172E-05 (40)	1.8530E-05 (40)
36	4.9085E-05 (194)	4.5514E-05 (194)	3.8750E-05 (194)	2.6604E-05 (73)	1.6956E-05 (347)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAX3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 5.6670E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=180 TIME PERIOD= 3

YEAR= 73

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE DIR	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	2.9948E-04 (150, 4)	2.9085E-04 (150, 4)	2.6449E-04 (150, 4)	1.1267E-04 (128, 8)	8.9836E-05 (364, 5)
2	4.0081E-04 (71, 5)	3.7942E-04 (71, 5)	3.3239E-04 (71, 5)	1.3153E-04 (331, 6)	6.6956E-05 (338, 7)
3	3.5229E-04 (3, 5)	3.3696E-04 (3, 5)	2.8916E-04 (269, 5)	1.4051E-04 (116, 5)	7.0518E-05 (200, 7)
4	3.5716E-04 (313, 4)	3.3117E-04 (313, 4)	2.8784E-04 (313, 4)	1.0227E-04 (313, 4)	6.8466E-05 (210, 8)
5	3.9413E-04 (182, 4)	3.6872E-04 (196, 3)	3.3393E-04 (196, 3)	1.2992E-04 (117, 1)	6.4139E-05 (210, 8)
6	4.4423E-04 (235, 5)	4.1843E-04 (235, 5)	3.7173E-04 (235, 5)	1.5247E-04 (140, 3)	6.5722E-05 (179, 3)
7	3.3794E-04 (219, 4)	3.1227E-04 (219, 4)	2.6784E-04 (219, 4)	1.3536E-04 (15, 4)	1.0332E-04 (114, 7)
8	4.3323E-04 (19, 4)	4.2440E-04 (19, 4)	3.9556E-04 (19, 4)	1.5320E-04 (19, 4)	6.3621E-05 (19, 4)
9	5.6670E-04 (180, 3)	5.4734E-04 (66, 5)	4.8414E-04 (66, 5)	1.5160E-04 (236, 4)	8.2775E-05 (134, 4)
10	3.0616E-04 (166, 3)	2.8595E-04 (173, 6)	2.5011E-04 (166, 3)	1.2229E-04 (258, 6)	8.4490E-05 (169, 7)
11	3.6726E-04 (166, 3)	3.6783E-04 (166, 3)	3.5219E-04 (166, 3)	1.4005E-04 (235, 6)	7.4900E-05 (175, 1)
12	2.4844E-04 (100, 4)	2.2568E-04 (100, 4)	2.6132E-04 (207, 4)	1.3778E-04 (8, 8)	7.1170E-05 (8, 8)
13	2.4298E-04 (231, 5)	2.5530E-04 (231, 5)	2.5942E-04 (231, 5)	1.1548E-04 (86, 5)	1.0871E-04 (255, 7)
14	2.9856E-04 (175, 5)	2.7525E-04 (175, 5)	2.3183E-04 (175, 5)	1.2852E-04 (38, 4)	1.1547E-04 (289, 7)
15	2.7812E-04 (118, 4)	2.7438E-04 (200, 4)	2.7134E-04 (200, 4)	1.2695E-04 (47, 4)	6.3996E-05 (71, 8)
16	3.1974E-04 (182, 4)	2.9852E-04 (182, 4)	2.6126E-04 (182, 4)	1.0428E-04 (12, 5)	7.1726E-05 (254, 3)
17	2.9695E-04 (53, 4)	2.8529E-04 (53, 4)	2.6114E-04 (52, 4)	1.3059E-04 (342, 1)	7.2722E-05 (342, 1)
18	3.4611E-04 (14, 4)	3.3633E-04 (14, 4)	2.8965E-04 (297, 5)	1.2249E-04 (14, 4)	6.7859E-05 (48, 1)
19	3.0334E-04 (268, 5)	2.8511E-04 (268, 5)	2.4709E-04 (268, 5)	1.1721E-04 (10, 1)	5.4675E-05 (136, 4)
20	3.3512E-04 (268, 3)	3.4169E-04 (268, 3)	3.2334E-04 (299, 4)	1.3374E-04 (345, 4)	6.6191E-05 (273, 8)
21	3.3651E-04 (221, 6)	3.3489E-04 (221, 6)	3.1590E-04 (221, 6)	1.7315E-04 (11, 8)	7.8011E-05 (280, 2)
22	3.4718E-04 (125, 4)	3.1974E-04 (125, 4)	2.7253E-04 (125, 4)	1.2429E-04 (292, 1)	6.5935E-05 (10, 4)
23	3.0192E-04 (191, 4)	2.9660E-04 (102, 4)	2.7944E-04 (102, 4)	1.4557E-04 (16, 5)	7.8088E-05 (43, 6)
24	3.4178E-04 (310, 4)	3.2459E-04 (310, 4)	2.9298E-04 (310, 4)	1.4846E-04 (240, 7)	7.8069E-05 (279, 6)
25	4.8472E-04 (352, 4)	4.6165E-04 (352, 4)	4.1347E-04 (352, 4)	1.7798E-04 (265, 4)	1.1108E-04 (260, 3)
26	4.0662E-04 (336, 5)	4.4653E-04 (352, 4)	4.1395E-04 (352, 4)	1.6769E-04 (235, 4)	8.3582E-05 (234, 7)
27	3.1662E-04 (96, 5)	3.4558E-04 (20, 4)	2.7759E-04 (352, 5)	1.6940E-04 (17, 6)	1.1411E-04 (242, 7)
28	3.5490E-04 (158, 4)	3.4852E-04 (288, 5)	3.1723E-04 (232, 4)	1.3906E-04 (242, 4)	8.8403E-05 (8, 1)
29	4.1588E-04 (238, 3)	3.9587E-04 (238, 3)	3.5384E-04 (238, 3)	1.6074E-04 (318, 4)	9.8660E-05 (150, 8)
30	3.4044E-04 (121, 5)	3.1446E-04 (121, 5)	2.6582E-04 (121, 5)	1.4598E-04 (21, 2)	8.8538E-05 (353, 6)
31	3.7231E-04 (171, 4)	3.3390E-04 (171, 4)	2.7799E-04 (171, 4)	1.3476E-04 (87, 8)	7.6569E-05 (160, 3)
32	3.5330E-04 (157, 4)	3.1931E-04 (157, 4)	2.6450E-04 (127, 5)	1.5684E-04 (67, 4)	8.7461E-05 (301, 2)
33	3.5151E-04 (320, 3)	3.4299E-04 (320, 3)	3.1556E-04 (320, 3)	1.3625E-04 (359, 5)	9.2361E-05 (194, 1)
34	3.3539E-04 (200, 4)	3.1227E-04 (200, 4)	2.7280E-04 (200, 4)	1.2393E-04 (339, 2)	7.2159E-05 (126, 6)
35	2.4007E-04 (40, 4)	2.3445E-04 (40, 4)	2.1751E-04 (40, 4)	1.3312E-04 (40, 6)	9.0554E-05 (228, 1)
36	2.3749E-04 (194, 5)	2.2153E-04 (194, 5)	1.8959E-04 (194, 5)	1.2016E-04 (73, 4)	6.4345E-05 (234, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.3360E-04 DIRECTION= 24 DISTANCE= 5.5 KM DAY=286

YEAR= 74

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	3.9109E-05 (203)	3.6722E-05 (203)	3.1962E-05 (203)	2.8725E-05 (175)	1.4408E-05 (175)
2	4.7303E-05 (207)	4.2259E-05 (207)	3.8768E-05 (91)	2.6475E-05 (30)	1.2842E-05 (28)
3	3.9587E-05 (256)	3.6905E-05 (46)	3.3071E-05 (222)	2.3989E-05 (39)	1.3896E-05 (39)
4	6.5490E-05 (90)	6.2241E-05 (90)	5.5991E-05 (90)	2.1876E-05 (229)	1.0713E-05 (88)
5	5.2206E-05 (229)	4.9551E-05 (229)	4.4249E-05 (229)	1.7237E-05 (163)	1.1583E-05 (210)
6	5.4461E-05 (86)	5.0936E-05 (9)	4.5200E-05 (9)	2.8907E-05 (270)	1.6563E-05 (270)
7	6.0875E-05 (7)	5.8587E-05 (16)	5.6962E-05 (16)	2.6803E-05 (190)	1.2185E-05 (90)
8	6.8837E-05 (163)	6.5093E-05 (163)	5.7339E-05 (163)	2.0451E-05 (87)	1.1333E-05 (203)
9	1.1987E-04 (230)	1.1123E-04 (230)	9.5357E-05 (230)	4.5232E-05 (192)	2.1455E-05 (71)
10	7.9671E-05 (192)	7.4266E-05 (192)	6.5132E-05 (192)	3.0089E-05 (145)	1.5781E-05 (230)
11	8.1873E-05 (192)	7.6774E-05 (192)	6.4660E-05 (167)	2.5332E-05 (72)	1.1164E-05 (335)
12	5.2237E-05 (200)	4.8306E-05 (200)	4.0934E-05 (200)	2.3043E-05 (53)	1.1994E-05 (240)
13	2.9240E-05 (222)	2.8699E-05 (257)	2.6758E-05 (167)	2.6144E-05 (39)	1.1483E-05 (99)
14	2.8722E-05 (222)	2.7048E-05 (222)	2.4565E-05 (56)	3.5924E-05 (40)	1.6204E-05 (107)
15	3.0019E-05 (99)	2.8564E-05 (197)	2.6727E-05 (197)	3.3217E-05 (96)	1.3586E-05 (96)
16	5.4215E-05 (338)	5.2375E-05 (338)	4.8662E-05 (338)	3.0666E-05 (326)	1.3719E-05 (316)
17	3.7928E-05 (317)	3.7248E-05 (317)	3.4564E-05 (317)	2.3001E-05 (280)	1.5134E-05 (355)
18	4.7978E-05 (332)	4.5167E-05 (332)	4.0185E-05 (332)	3.6778E-05 (279)	1.8078E-05 (279)
19	4.1079E-05 (364)	4.0054E-05 (291)	3.8204E-05 (291)	2.8590E-05 (311)	1.3812E-05 (311)
20	5.1468E-05 (281)	4.7997E-05 (281)	4.1588E-05 (281)	3.0044E-05 (330)	1.7816E-05 (97)
21	5.9389E-05 (264)	5.5310E-05 (264)	5.1251E-05 (182)	3.7332E-05 (274)	2.0987E-05 (107)
22	4.8454E-05 (344)	4.7724E-05 (344)	4.2243E-05 (265)	4.8363E-05 (276)	2.0518E-05 (276)
23	6.6121E-05 (306)	6.1551E-05 (306)	5.2918E-05 (306)	3.1765E-05 (266)	1.8174E-05 (293)
24	1.3360E-04 (286)	1.2473E-04 (286)	1.0803E-04 (286)	4.8038E-05 (348)	2.4732E-05 (284)
25	8.1358E-05 (110)	7.5526E-05 (110)	6.4512E-05 (110)	3.6292E-05 (285)	1.9764E-05 (303)
26	8.3956E-05 (305)	7.7818E-05 (305)	6.7428E-05 (305)	2.6931E-05 (13)	1.7211E-05 (349)
27	7.2351E-05 (244)	7.0409E-05 (244)	6.4326E-05 (244)	3.4508E-05 (171)	2.1028E-05 (333)
28	6.9506E-05 (2)	6.8879E-05 (2)	6.6475E-05 (2)	4.0289E-05 (2)	1.8568E-05 (101)
29	6.6395E-05 (240)	6.1441E-05 (240)	5.3467E-05 (240)	4.7657E-05 (140)	2.2965E-05 (140)
30	5.4133E-05 (67)	5.0799E-05 (243)	4.8254E-05 (243)	2.3621E-05 (244)	1.5315E-05 (334)
31	7.7405E-05 (219)	7.4793E-05 (219)	6.9788E-05 (219)	3.8706E-05 (134)	1.9331E-05 (134)
32	6.2503E-05 (241)	5.7415E-05 (241)	4.9117E-05 (241)	2.6537E-05 (217)	1.6048E-05 (9)
33	5.9001E-05 (63)	5.6384E-05 (226)	5.1576E-05 (226)	3.0555E-05 (94)	1.6008E-05 (220)
34	4.8617E-05 (236)	4.3963E-05 (236)	3.6213E-05 (236)	2.7326E-05 (50)	1.8363E-05 (84)
35	4.1901E-05 (164)	3.8911E-05 (164)	3.3824E-05 (208)	2.1368E-05 (94)	1.1758E-05 (175)
36	5.1279E-05 (161)	5.1910E-05 (161)	5.1233E-05 (161)	4.0036E-05 (341)	2.2039E-05 (349)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 5.1877E-04 DIRECTION= 24 DISTANCE= 5.5 KM DAY=284 TIME PERIOD= 4

YEAR= 74

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	3.0276E-04 (208, 4)	2.8718E-04 (208, 4)	2.4893E-04 (98, 5)	1.6581E-04 (354, 5)	7.1709E-05 (354, 5)
2	3.1338E-04 (21, 4)	3.0396E-04 (21, 4)	2.7846E-04 (324, 4)	1.2966E-04 (131, 6)	5.5795E-05 (38, 5)
3	2.9239E-04 (103, 5)	2.6814E-04 (103, 5)	2.3040E-04 (222, 3)	1.2210E-04 (39, 2)	8.0263E-05 (209, 8)
4	3.3839E-04 (229, 4)	3.1288E-04 (229, 4)	2.7134E-04 (229, 4)	9.3149E-05 (218, 6)	5.8501E-05 (30, 8)
5	3.0238E-04 (188, 4)	2.7902E-04 (188, 4)	2.5740E-04 (163, 3)	1.1598E-04 (78, 6)	5.8166E-05 (163, 3)
6	4.1939E-04 (9, 5)	4.0117E-04 (9, 5)	3.4470E-04 (86, 5)	1.3698E-04 (261, 4)	7.4662E-05 (5, 4)
7	3.4491E-04 (16, 5)	3.2793E-04 (106, 4)	2.9016E-04 (292, 4)	1.3008E-04 (292, 4)	5.5297E-05 (268, 5)
8	3.7934E-04 (145, 4)	3.5108E-04 (145, 4)	2.9725E-04 (145, 4)	1.1862E-04 (104, 6)	7.1659E-05 (203, 1)
9	5.0698E-04 (173, 4)	4.6988E-04 (173, 4)	4.1020E-04 (173, 4)	1.5786E-04 (173, 4)	7.0117E-05 (173, 4)
10	4.3577E-04 (173, 6)	4.1401E-04 (173, 6)	3.6373E-04 (173, 6)	1.3158E-04 (4, 6)	6.8665E-05 (230, 7)
11	3.7635E-04 (192, 3)	3.6293E-04 (192, 3)	3.2896E-04 (192, 3)	1.3668E-04 (193, 2)	7.0820E-05 (155, 6)
12	2.8416E-04 (167, 3)	2.7721E-04 (167, 3)	2.5685E-04 (167, 3)	1.0758E-04 (162, 7)	8.1868E-05 (53, 6)
13	2.2772E-04 (257, 6)	2.1804E-04 (222, 6)	1.9108E-04 (222, 6)	1.0332E-04 (120, 6)	6.9624E-05 (48, 1)
14	1.9285E-04 (226, 6)	1.8103E-04 (226, 6)	1.6127E-04 (167, 3)	1.2736E-04 (95, 6)	7.6288E-05 (107, 7)
15	2.2711E-04 (54, 5)	2.2071E-04 (54, 5)	1.9965E-04 (54, 5)	1.0841E-04 (292, 6)	6.4403E-05 (163, 7)
16	2.2254E-04 (338, 5)	2.0969E-04 (338, 4)	1.9989E-04 (338, 4)	1.4037E-04 (316, 3)	6.2474E-05 (364, 6)
17	3.0234E-04 (317, 5)	2.9600E-04 (317, 5)	2.7159E-04 (317, 5)	1.4145E-04 (350, 3)	8.2623E-05 (350, 3)
18	3.0663E-04 (332, 4)	2.8537E-04 (332, 4)	2.5980E-04 (291, 4)	1.3073E-04 (279, 8)	7.4233E-05 (280, 6)
19	3.2057E-04 (291, 4)	3.0541E-04 (364, 5)	2.6912E-04 (364, 5)	1.1571E-04 (291, 4)	5.6519E-05 (57, 4)
20	3.0055E-04 (311, 4)	2.7622E-04 (311, 4)	2.3522E-04 (311, 4)	1.3124E-04 (198, 3)	7.4445E-05 (18, 8)
21	3.6093E-04 (54, 4)	3.4630E-04 (54, 4)	3.1004E-04 (54, 4)	1.5144E-04 (107, 2)	8.0280E-05 (347, 7)
22	3.6741E-04 (254, 6)	3.4810E-04 (254, 6)	3.1025E-04 (254, 6)	1.2373E-04 (254, 6)	7.0963E-05 (293, 6)
23	3.3101E-04 (257, 4)	3.2516E-04 (257, 4)	3.0161E-04 (306, 5)	1.2786E-04 (332, 6)	8.8341E-05 (293, 1)
24	5.1877E-04 (284, 4)	4.9214E-04 (254, 3)	4.5098E-04 (297, 4)	1.7488E-04 (254, 3)	8.7965E-05 (59, 2)
25	3.6214E-04 (305, 4)	3.3774E-04 (305, 4)	2.9598E-04 (305, 4)	1.4944E-04 (287, 6)	9.7584E-05 (183, 1)
26	3.5415E-04 (169, 3)	3.5844E-04 (169, 3)	3.2263E-04 (305, 4)	1.2685E-04 (115, 7)	9.1178E-05 (188, 8)
27	3.7598E-04 (244, 5)	3.6868E-04 (244, 5)	3.2879E-04 (299, 5)	1.3622E-04 (318, 8)	1.1829E-04 (318, 8)
28	3.4261E-04 (204, 3)	3.3253E-04 (204, 3)	3.1475E-04 (234, 3)	1.4702E-04 (2, 4)	9.1382E-05 (236, 3)
29	4.3099E-04 (221, 4)	3.9989E-04 (221, 4)	3.4970E-04 (221, 4)	1.3954E-04 (185, 4)	6.7355E-05 (240, 4)
30	3.9357E-04 (240, 4)	3.6140E-04 (240, 4)	3.3479E-04 (203, 3)	1.4011E-04 (203, 3)	6.8589E-05 (301, 6)
31	3.6907E-04 (219, 4)	3.4728E-04 (219, 4)	3.0118E-04 (136, 4)	1.2619E-04 (102, 3)	8.2864E-05 (3, 8)
32	4.2914E-04 (6, 4)	4.1000E-04 (6, 4)	3.7096E-04 (6, 4)	1.3826E-04 (6, 4)	7.1225E-05 (9, 3)
33	3.7635E-04 (220, 3)	3.6237E-04 (220, 3)	3.3277E-04 (62, 4)	1.3294E-04 (94, 2)	7.1915E-05 (334, 5)
34	2.9104E-04 (199, 4)	2.6001E-04 (14, 5)	2.1857E-04 (14, 5)	1.4913E-04 (82, 5)	8.6633E-05 (213, 1)
35	2.9114E-04 (242, 4)	2.7350E-04 (321, 5)	2.4123E-04 (251, 4)	1.0449E-04 (53, 3)	7.1392E-05 (27, 3)
36	3.9039E-04 (210, 4)	3.7729E-04 (210, 4)	3.4702E-04 (210, 4)	1.5106E-04 (341, 6)	7.8131E-05 (341, 6)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MM3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 9.5811E-05 DIRECTION= 27 DISTANCE= 5.5 KM DAY=322

YEAR= 75

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	4.7932E-05 (255)	4.6866E-05 (255)	4.3580E-05 (255)	3.2149E-05 (49)	2.0542E-05 (49)
2	7.3247E-05 (19)	7.1767E-05 (19)	6.8006E-05 (19)	3.8568E-05 (66)	1.9900E-05 (50)
3	7.0628E-05 (118)	6.4476E-05 (118)	5.6832E-05 (203)	2.6335E-05 (82)	1.3786E-05 (82)
4	6.5585E-05 (24)	6.1508E-05 (24)	5.3722E-05 (24)	2.1475E-05 (24)	1.5975E-05 (187)
5	7.0861E-05 (153)	7.1349E-05 (153)	6.5421E-05 (137)	2.4804E-05 (192)	1.4066E-05 (190)
6	5.0818E-05 (205)	4.8340E-05 (205)	4.3293E-05 (205)	2.0070E-05 (191)	1.1708E-05 (191)
7	5.9575E-05 (80)	5.5461E-05 (80)	4.7396E-05 (80)	2.1411E-05 (208)	1.1934E-05 (124)
8	6.0431E-05 (185)	5.4248E-05 (185)	4.4538E-05 (185)	2.0382E-05 (90)	1.0777E-05 (58)
9	9.3082E-05 (189)	8.7339E-05 (189)	7.7956E-05 (189)	3.3498E-05 (158)	1.6954E-05 (158)
10	5.3304E-05 (166)	5.1985E-05 (29)	4.7928E-05 (44)	2.2298E-05 (243)	1.1247E-05 (44)
11	4.9217E-05 (170)	4.5612E-05 (170)	3.8669E-05 (170)	2.1930E-05 (155)	1.0013E-05 (223)
12	4.5514E-05 (224)	4.3980E-05 (224)	3.9198E-05 (78)	2.1303E-05 (138)	1.5437E-05 (138)
13	6.2025E-05 (230)	5.8281E-05 (230)	5.0958E-05 (230)	2.8219E-05 (256)	1.6452E-05 (256)
14	4.4605E-05 (244)	4.0861E-05 (244)	3.4818E-05 (244)	2.1498E-05 (55)	1.2756E-05 (13)
15	4.1524E-05 (226)	4.2265E-05 (226)	4.3039E-05 (226)	2.8374E-05 (317)	1.5878E-05 (13)
16	3.5295E-05 (244)	3.2345E-05 (105)	3.1173E-05 (226)	2.8446E-05 (352)	1.2145E-05 (352)
17	4.0324E-05 (105)	4.2757E-05 (105)	3.6113E-05 (105)	3.1899E-05 (270)	2.1997E-05 (270)
18	3.9334E-05 (361)	3.7010E-05 (361)	3.3522E-05 (356)	3.3917E-05 (270)	2.2259E-05 (269)
19	2.8890E-05 (94)	2.8482E-05 (94)	2.7059E-05 (228)	2.0601E-05 (96)	1.4317E-05 (96)
20	6.6321E-05 (256)	6.3601E-05 (256)	5.7011E-05 (256)	3.7385E-05 (64)	1.7500E-05 (94)
21	6.3278E-05 (64)	5.9283E-05 (64)	5.2428E-05 (64)	2.7597E-05 (303)	1.8297E-05 (361)
22	6.9905E-05 (176)	6.8104E-05 (176)	6.4006E-05 (176)	3.0358E-05 (176)	1.6532E-05 (353)
23	6.4628E-05 (175)	5.6824E-05 (175)	5.0901E-05 (181)	3.0971E-05 (85)	1.6445E-05 (103)
24	5.3964E-05 (285)	5.0680E-05 (285)	4.3765E-05 (285)	2.7475E-05 (240)	1.8883E-05 (240)
25	6.2900E-05 (182)	6.0406E-05 (182)	5.4927E-05 (182)	3.1172E-05 (307)	2.0246E-05 (239)
26	7.6530E-05 (247)	6.9359E-05 (247)	6.5833E-05 (345)	3.1433E-05 (286)	1.6083E-05 (309)
27	9.5811E-05 (322)	9.1869E-05 (322)	8.2601E-05 (322)	5.2561E-05 (86)	2.3831E-05 (86)
28	6.3937E-05 (330)	6.0169E-05 (330)	5.6160E-05 (86)	4.2485E-05 (288)	2.3388E-05 (287)
29	5.2619E-05 (113)	5.2001E-05 (113)	5.1586E-05 (113)	4.0089E-05 (313)	2.0818E-05 (313)
30	6.8686E-05 (172)	6.6612E-05 (219)	5.9470E-05 (219)	4.1700E-05 (263)	2.3687E-05 (263)
31	5.3567E-05 (46)	5.2080E-05 (46)	4.8014E-05 (222)	2.7789E-05 (289)	1.7465E-05 (364)
32	6.7087E-05 (108)	6.3392E-05 (108)	5.5772E-05 (108)	2.7565E-05 (136)	1.5608E-05 (109)
33	5.6649E-05 (198)	5.3732E-05 (28)	4.9049E-05 (28)	3.6581E-05 (11)	2.0725E-05 (364)
34	4.6998E-05 (152)	4.6322E-05 (152)	4.3568E-05 (152)	2.9121E-05 (209)	1.9549E-05 (10)
35	4.8768E-05 (334)	4.6088E-05 (334)	4.0235E-05 (334)	1.9329E-05 (10)	1.3620E-05 (12)
36	6.0760E-05 (351)	6.5445E-05 (351)	5.7439E-05 (202)	4.3341E-05 (12)	1.9541E-05 (12)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 4.8841E-04 DIRECTION= 30 DISTANCE= 5.5 KM DAY=162 TIME PERIOD= 3

YEAR= 75

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	3.0851E-04 (118, 3)	3.0270E-04 (118, 3)	2.8156E-04 (118, 3)	1.1287E-04 (89, 4)	6.9661E-05 (50, 7)
2	4.0439E-04 (19, 5)	3.9221E-04 (19, 5)	3.6430E-04 (19, 5)	1.7608E-04 (104, 6)	8.3366E-05 (66, 4)
3	3.7155E-04 (24, 5)	3.5098E-04 (24, 5)	3.0583E-04 (24, 5)	1.3874E-04 (25, 5)	7.5546E-05 (71, 5)
4	3.4708E-04 (130, 5)	3.2160E-04 (130, 5)	3.0234E-04 (133, 4)	1.0640E-04 (153, 5)	7.1100E-05 (209, 6)
5	4.1632E-04 (186, 3)	4.1161E-04 (186, 3)	3.8822E-04 (186, 3)	1.5416E-04 (186, 3)	6.5158E-05 (186, 3)
6	2.7558E-04 (167, 3)	2.5429E-04 (167, 3)	2.2838E-04 (148, 5)	1.0815E-04 (91, 6)	6.5552E-05 (118, 7)
7	4.5913E-04 (80, 5)	4.2807E-04 (185, 5)	3.5778E-04 (185, 5)	1.1968E-04 (204, 4)	6.2844E-05 (166, 3)
8	3.4827E-04 (31, 5)	3.2416E-04 (225, 4)	2.7505E-04 (225, 4)	1.3527E-04 (90, 6)	6.4288E-05 (90, 4)
9	4.3274E-04 (125, 4)	4.0427E-04 (225, 4)	3.4886E-04 (225, 4)	1.5497E-04 (158, 3)	6.5401E-05 (1, 6)
10	3.3895E-04 (134, 6)	3.1539E-04 (134, 6)	2.8343E-04 (267, 4)	1.2214E-04 (187, 5)	6.6361E-05 (27, 6)
11	2.5964E-04 (120, 5)	2.3729E-04 (110, 5)	2.0679E-04 (225, 3)	1.2448E-04 (163, 6)	5.7114E-05 (163, 6)
12	2.4590E-04 (140, 6)	2.3360E-04 (157, 3)	2.1635E-04 (157, 3)	1.1396E-04 (95, 6)	7.2382E-05 (155, 7)
13	2.4303E-04 (155, 3)	2.4674E-04 (155, 3)	2.4291E-04 (155, 3)	1.1996E-04 (55, 3)	1.0426E-04 (256, 6)
14	2.7610E-04 (244, 5)	2.5451E-04 (244, 5)	2.1916E-04 (244, 5)	1.2280E-04 (328, 5)	8.9896E-05 (325, 7)
15	1.9777E-04 (177, 4)	1.8347E-04 (177, 4)	1.6068E-04 (177, 4)	1.3333E-04 (243, 5)	6.4641E-05 (270, 2)
16	2.2702E-04 (62, 5)	2.1746E-04 (62, 5)	2.0674E-04 (291, 5)	1.2326E-04 (298, 4)	8.0012E-05 (203, 7)
17	2.7359E-04 (328, 4)	2.6305E-04 (328, 4)	2.3787E-04 (328, 4)	1.2176E-04 (269, 2)	8.3313E-05 (270, 6)
18	2.3701E-04 (185, 4)	2.2592E-04 (185, 4)	2.0739E-04 (297, 3)	1.3747E-04 (326, 4)	8.0488E-05 (270, 4)
19	1.9675E-04 (94, 4)	1.8221E-04 (94, 4)	1.5705E-04 (94, 4)	8.3836E-05 (327, 2)	6.8043E-05 (96, 7)
20	3.0353E-04 (57, 4)	3.0051E-04 (57, 4)	2.8738E-04 (57, 4)	1.4481E-04 (301, 6)	7.6885E-05 (301, 6)
21	3.7409E-04 (56, 4)	3.4920E-04 (56, 4)	3.0464E-04 (56, 4)	1.3936E-04 (62, 3)	7.7898E-05 (353, 2)
22	3.1381E-04 (116, 3)	2.9474E-04 (116, 3)	2.5938E-04 (116, 3)	1.4967E-04 (176, 3)	9.4101E-05 (140, 3)
23	4.3444E-04 (85, 5)	4.0274E-04 (85, 5)	3.4181E-04 (85, 5)	1.3625E-04 (304, 2)	6.9053E-05 (181, 4)
24	3.1734E-04 (285, 5)	2.9821E-04 (285, 5)	2.5789E-04 (285, 5)	1.1321E-04 (332, 6)	1.0036E-04 (240, 7)
25	3.8121E-04 (276, 4)	3.6577E-04 (276, 4)	3.3115E-04 (276, 4)	1.4086E-04 (307, 1)	9.1631E-05 (320, 8)
26	3.6874E-04 (286, 5)	3.4775E-04 (286, 5)	3.0789E-04 (286, 5)	1.4067E-04 (345, 4)	7.5796E-05 (247, 3)
27	3.7672E-04 (182, 4)	3.4966E-04 (182, 4)	3.0408E-04 (301, 4)	1.4402E-04 (236, 3)	9.9846E-05 (123, 3)
28	3.8143E-04 (86, 5)	3.5975E-04 (86, 5)	3.1353E-04 (86, 5)	1.7055E-04 (112, 6)	8.4699E-05 (264, 2)
29	3.5280E-04 (132, 3)	3.3095E-04 (132, 3)	2.9225E-04 (210, 3)	1.2564E-04 (280, 3)	7.6632E-05 (113, 8)
30	4.8841E-04 (162, 3)	4.7648E-04 (162, 3)	4.4250E-04 (162, 3)	1.7516E-04 (162, 3)	8.5393E-05 (172, 3)
31	3.9091E-04 (168, 3)	3.8205E-04 (168, 3)	3.5464E-04 (168, 3)	1.3525E-04 (168, 3)	8.1891E-05 (210, 1)
32	4.2072E-04 (130, 4)	4.0182E-04 (130, 4)	3.6137E-04 (130, 4)	1.5830E-04 (274, 4)	8.0975E-05 (223, 3)
33	3.5915E-04 (274, 4)	3.4062E-04 (201, 3)	3.1649E-04 (201, 3)	1.3283E-04 (265, 7)	8.6886E-05 (209, 8)
34	3.4743E-04 (249, 3)	3.5245E-04 (249, 3)	3.4146E-04 (249, 3)	1.3674E-04 (152, 3)	7.0477E-05 (203, 3)
35	2.4539E-04 (147, 4)	2.3713E-04 (136, 4)	2.1886E-04 (136, 4)	9.1076E-05 (55, 1)	5.7830E-05 (231, 1)
36	3.9244E-04 (202, 4)	3.6934E-04 (202, 4)	3.2102E-04 (202, 4)	1.3891E-04 (151, 4)	7.9682E-05 (160, 3)

COMPOSITE HIGHEST,SECOND-HIGHEST 24-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	67.	62.	53.	32.	21.
2	75.	72.	68.	39.	20.
3	71.	64.	57.	32.	19.
4	66.	62.	56.	22.	16.
5	73.	71.	65.	25.	14.
6	81.	78.	72.	41.	18.
7	75.	70.	65.	31.	16.
8	79.	73.	62.	36.	20.
9	128.	119.	104.	89.	38.
10	92.	86.	75.	37.	21.
11	82.	77.	65.	36.	16.
12	52.	52.	48.	38.	18.
13	62.	58.	51.	46.	20.
14	45.	41.	40.	36.	20.
15	52.	49.	43.	33.	18.
16	54.	52.	49.	31.	14.
17	46.	43.	43.	36.	22.
18	53.	50.	43.	43.	25.
19	46.	44.	39.	29.	14.
20	66.	64.	57.	37.	19.
21	85.	82.	74.	37.	21.
22	70.	68.	64.	48.	21.
23	66.	62.	53.	51.	25.
24	134.	125.	108.	48.	30.
25	85.	83.	77.	38.	23.
26	105.	102.	93.	42.	20.
27	90.	92.	83.	61.	32.
28	75.	70.	66.	68.	32.
29	74.	71.	64.	48.	23.
30	73.	70.	64.	42.	27.
31	77.	75.	70.	39.	21.
32	67.	63.	56.	44.	22.
33	78.	75.	66.	39.	23.
34	64.	59.	53.	29.	20.
35	49.	46.	42.	38.	19.
36	67.	65.	57.	43.	24.

COMPOSITE HIGHEST, SECOND-HIGHEST 3-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	344.	332.	290.	166.	90.
2	404.	392.	364.	176.	83.
3	372.	351.	306.	141.	80.
4	360.	353.	325.	121.	71.
5	416.	412.	388.	154.	73.
6	444.	418.	372.	159.	93.
7	459.	428.	358.	140.	103.
8	436.	424.	396.	153.	77.
9	567.	547.	484.	185.	100.
10	436.	414.	364.	171.	84.
11	376.	368.	352.	140.	75.
12	286.	278.	284.	156.	106.
13	359.	331.	316.	120.	109.
14	342.	327.	291.	165.	115.
15	315.	291.	271.	161.	110.
16	333.	310.	269.	140.	84.
17	334.	312.	274.	141.	83.
18	347.	336.	299.	137.	90.
19	321.	305.	284.	128.	77.
20	335.	342.	323.	145.	77.
21	374.	349.	316.	173.	85.
22	367.	348.	310.	150.	94.
23	434.	403.	342.	164.	88.
24	519.	492.	451.	175.	110.
25	485.	462.	413.	178.	111.
26	467.	447.	414.	168.	99.
27	381.	369.	332.	180.	118.
28	401.	373.	321.	181.	94.
29	431.	400.	354.	192.	99.
30	488.	476.	442.	175.	113.
31	391.	382.	355.	135.	103.
32	429.	410.	371.	158.	92.
33	448.	430.	405.	166.	95.
34	461.	427.	373.	155.	87.
35	291.	274.	241.	133.	98.
36	399.	394.	371.	151.	80.

TECO

UNITS 1 AND 4 ONLY

PROJECTED 24- AND 3-HOUR SO_2

100 PERCENT LOAD

RING DISTANCES(KM)= 0.50 1.00 1.50 2.00 2.50

STACK # 1--TECO 1 100% 31.5T/H SO2
STACK # 2--TECO 4 100% ~~31.37~~ 1.24 T/H SO2

STACK	MONTH	EMISSION RATE (GMS/SEC)	HEIGHT (METERS)	DIAMETER (METERS)	EXIT VELOCITY (M/SEC)	TEMP (DEG.K)	VOLUMETRIC FLOW (MAA3/SEC)
1	ALL	2637.9399	149.40	7.32	14.30	422.00	601.79
2	ALL	709.4299	149.40	7.32	20.00	342.00	841.67

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.0721E-04 DIRECTION= 9 DISTANCE= 2.5 KM DAY=128

YEAR= 71

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	1.0445E-10 (238)	1.8203E-05 (236)	2.3898E-05 (236)	3.7373E-05 (229)	4.5434E-05 (229)
2	6.6267E-10 (238)	2.8253E-05 (260)	4.4189E-05 (236)	3.5918E-05 (260)	4.7693E-05 (113)
3	2.3166E-09 (238)	4.7717E-05 (236)	4.5893E-05 (236)	4.8067E-05 (331)	5.3254E-05 (234)
4	4.4690E-09 (238)	5.6527E-05 (238)	6.4180E-05 (215)	4.9450E-05 (215)	4.2082E-05 (205)
5	4.5999E-09 (234)	6.0971E-05 (238)	6.9396E-05 (215)	5.4313E-05 (215)	5.2577E-05 (200)
6	2.0535E-09 (234)	3.0013E-05 (238)	3.9212E-05 (206)	4.8381E-05 (200)	5.5116E-05 (200)
7	5.1603E-10 (234)	2.7164E-05 (238)	4.1429E-05 (103)	5.3721E-05 (179)	5.8984E-05 (207)
8	1.7979E-10 (159)	4.1858E-05 (230)	4.2913E-05 (238)	5.2191E-05 (179)	6.1176E-05 (128)
9	4.3767E-10 (159)	3.1162E-05 (194)	4.3200E-05 (128)	8.4465E-05 (128)	1.0721E-04 (128)
10	3.5348E-10 (159)	2.1899E-05 (194)	2.5864E-05 (220)	5.5990E-05 (238)	6.5412E-05 (168)
11	1.3233E-10 (159)	1.3585E-05 (217)	2.5541E-05 (197)	4.1250E-05 (198)	4.3738E-05 (198)
12	2.9445E-10 (159)	5.1035E-06 (217)	3.9511E-05 (198)	4.3541E-05 (257)	3.8676E-05 (136)
13	2.2025E-10 (262)	1.0387E-05 (159)	2.9323E-05 (198)	2.8781E-05 (257)	3.6178E-05 (141)
14	1.1685E-09 (262)	9.0287E-06 (262)	1.1470E-05 (257)	2.6484E-05 (159)	2.8003E-05 (222)
15	2.9275E-09 (159)	3.1790E-05 (262)	2.4129E-05 (262)	2.9846E-05 (159)	3.4641E-05 (121)
16	1.9289E-09 (159)	3.3792E-05 (159)	2.2732E-05 (159)	3.4708E-05 (262)	3.4214E-05 (169)
17	7.0033E-10 (159)	1.0292E-05 (159)	1.1241E-05 (164)	2.0815E-05 (317)	2.8207E-05 (99)
18	1.4011E-10 (159)	2.5012E-06 (263)	1.4271E-05 (173)	2.3161E-05 (164)	3.3126E-05 (124)
19	2.2740E-11 (263)	4.4866E-06 (262)	1.3586E-05 (98)	2.2029E-05 (257)	2.6755E-05 (257)
20	5.5594E-11 (263)	9.1064E-07 (98)	1.0807E-05 (98)	1.8858E-05 (98)	2.3935E-05 (46)
21	7.8245E-12 (262)	6.4920E-07 (137)	1.5489E-05 (137)	3.8346E-05 (137)	4.7475E-05 (263)
22	2.2799E-12 (164)	2.1206E-06 (164)	1.8331E-05 (164)	2.8795E-05 (164)	4.1194E-05 (47)
23	1.1898E-11 (240)	2.9890E-06 (164)	2.4075E-05 (156)	4.6187E-05 (164)	5.1905E-05 (68)
24	1.1023E-11 (231)	1.5929E-06 (164)	1.7622E-05 (90)	4.2276E-05 (90)	6.1492E-05 (90)
25	1.1936E-10 (231)	3.1964E-06 (152)	1.0492E-05 (231)	2.5250E-05 (90)	3.8406E-05 (90)
26	7.5419E-10 (231)	1.3882E-05 (152)	2.1682E-05 (156)	2.4676E-05 (101)	3.2629E-05 (101)
27	2.6361E-09 (231)	3.0244E-05 (231)	4.9393E-05 (152)	4.7544E-05 (240)	5.2540E-05 (190)
28	4.6110E-09 (240)	6.4392E-05 (231)	6.1599E-05 (240)	4.7544E-05 (240)	5.8733E-05 (101)
29	2.5408E-09 (240)	3.2073E-05 (240)	2.8493E-05 (240)	4.1762E-05 (138)	4.8167E-05 (138)
30	7.7144E-10 (240)	7.9199E-06 (240)	2.5846E-05 (138)	4.0144E-05 (182)	5.0962E-05 (182)
31	1.2906E-10 (240)	2.3017E-06 (218)	1.6459E-05 (236)	2.6532E-05 (236)	3.1162E-05 (218)
32	1.1898E-11 (240)	1.2686E-06 (231)	1.9653E-05 (230)	4.0047E-05 (218)	4.4600E-05 (2)
33	2.6153E-12 (218)	6.6978E-07 (145)	1.5607E-05 (230)	3.4273E-05 (218)	4.0953E-05 (91)
34	2.0438E-12 (211)	2.0624E-06 (218)	1.8281E-05 (260)	3.6579E-05 (218)	4.2847E-05 (187)
35	3.5917E-12 (211)	3.3517E-06 (211)	3.2587E-05 (211)	5.7363E-05 (211)	6.4360E-05 (211)
36	9.0722E-12 (238)	4.0085E-06 (236)	2.8091E-05 (229)	5.6347E-05 (229)	6.8746E-05 (229)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 5.5459E-04 DIRECTION= 5 DISTANCE= 1.5 KM DAY=215 TIME PERIOD= 4

YEAR= 71

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	8.3563E-10 (238, 4)	1.4350E-04 (236, 5)	1.4369E-04 (229, 4)	2.5690E-04 (229, 4)	2.7952E-04 (229, 4)
2	5.3014E-09 (238, 4)	2.2587E-04 (260, 5)	3.2830E-04 (236, 5)	2.8336E-04 (260, 5)	2.7902E-04 (184, 4)
3	1.8533E-08 (238, 4)	3.8161E-04 (236, 5)	3.6447E-04 (236, 5)	3.4624E-04 (331, 5)	3.8422E-04 (219, 5)
4	3.5699E-08 (238, 4)	4.5207E-04 (238, 4)	5.1343E-04 (215, 4)	3.9557E-04 (215, 4)	3.2272E-04 (215, 4)
5	3.6799E-08 (234, 4)	4.8481E-04 (238, 4)	5.5459E-04 (215, 4)	4.2971E-04 (215, 4)	4.2061E-04 (200, 4)
6	1.6827E-08 (234, 4)	2.5837E-04 (238, 4)	2.7711E-04 (215, 4)	3.7675E-04 (206, 5)	4.0800E-04 (206, 5)
7	7.1419E-09 (238, 4)	1.4870E-04 (238, 5)	2.4282E-04 (103, 4)	2.7922E-04 (230, 5)	3.0314E-04 (207, 5)
8	1.4383E-09 (159, 5)	3.2869E-04 (230, 5)	3.1320E-04 (238, 5)	3.4506E-04 (100, 4)	3.8890E-04 (100, 4)
9	3.5014E-09 (159, 5)	2.4919E-04 (194, 4)	2.9050E-04 (194, 4)	4.2724E-04 (220, 5)	5.2445E-04 (220, 5)
10	2.8279E-09 (159, 5)	1.7516E-04 (194, 4)	1.8683E-04 (194, 4)	2.7414E-04 (238, 5)	3.3758E-04 (178, 4)
11	1.0587E-09 (159, 5)	1.0868E-04 (217, 4)	1.4877E-04 (195, 4)	2.3580E-04 (195, 4)	2.6171E-04 (192, 5)
12	2.3555E-09 (159, 5)	4.0827E-05 (217, 4)	1.9157E-04 (198, 4)	3.4833E-04 (257, 4)	2.8672E-04 (257, 4)
13	1.7620E-09 (262, 4)	1.4408E-04 (159, 5)	1.0243E-04 (198, 5)	1.7730E-04 (198, 5)	2.1029E-04 (122, 4)
14	9.3484E-09 (262, 4)	7.2230E-05 (262, 4)	9.1763E-05 (257, 4)	1.5148E-04 (104, 4)	1.5425E-04 (162, 4)
15	2.3420E-08 (159, 5)	2.5432E-04 (262, 4)	1.9303E-04 (262, 4)	2.3761E-04 (159, 5)	1.9535E-04 (159, 5)
16	1.5431E-08 (159, 5)	2.7034E-04 (159, 5)	1.8185E-04 (159, 5)	2.0623E-04 (169, 4)	2.2801E-04 (262, 4)
17	5.6026E-09 (159, 5)	8.2339E-05 (159, 5)	8.9924E-05 (164, 4)	1.5904E-04 (164, 4)	1.9547E-04 (317, 4)
18	1.1209E-09 (159, 5)	2.0010E-05 (263, 5)	1.1417E-04 (173, 4)	1.8463E-04 (164, 4)	2.2463E-04 (173, 4)
19	1.8192E-10 (263, 5)	3.5893E-05 (262, 4)	1.0869E-04 (98, 4)	1.7610E-04 (257, 4)	2.1319E-04 (257, 4)
20	4.4475E-10 (263, 5)	7.2851E-06 (98, 4)	8.6453E-05 (98, 4)	1.5086E-04 (98, 4)	1.9148E-04 (46, 5)
21	6.2596E-11 (262, 4)	4.5844E-06 (157, 4)	8.0723E-05 (157, 4)	1.7507E-04 (137, 4)	2.1029E-04 (137, 4)
22	1.6660E-11 (164, 4)	1.3766E-05 (164, 4)	1.1610E-04 (164, 4)	1.8118E-04 (164, 4)	2.5689E-04 (142, 5)
23	9.5185E-11 (240, 4)	1.3766E-05 (164, 4)	1.1610E-04 (164, 4)	1.8920E-04 (102, 4)	3.2227E-04 (270, 4)
24	8.2586E-11 (231, 4)	1.1388E-05 (231, 5)	1.1860E-04 (231, 5)	2.3399E-04 (90, 4)	2.9208E-04 (90, 4)
25	9.5087E-10 (231, 4)	2.5571E-05 (152, 4)	6.8924E-05 (90, 4)	1.2876E-04 (90, 4)	1.8614E-04 (137, 4)
26	6.0325E-09 (231, 4)	1.1105E-04 (152, 4)	1.6921E-04 (152, 4)	1.7138E-04 (156, 3)	2.1831E-04 (156, 3)
27	2.1088E-08 (231, 4)	2.4188E-04 (231, 4)	3.9515E-04 (152, 4)	3.6375E-04 (231, 4)	3.1605E-04 (101, 5)
28	3.6888E-08 (240, 4)	5.1511E-04 (231, 4)	4.9279E-04 (240, 4)	3.8035E-04 (240, 4)	3.2644E-04 (101, 5)
29	2.0326E-08 (240, 4)	2.5658E-04 (240, 4)	2.2794E-04 (240, 4)	3.1940E-04 (138, 5)	3.5099E-04 (138, 5)
30	6.1715E-09 (240, 4)	6.3359E-05 (240, 4)	1.9326E-04 (138, 5)	3.2032E-04 (182, 4)	3.5151E-04 (138, 5)
31	1.0325E-09 (240, 4)	1.8411E-05 (218, 4)	1.3162E-04 (236, 5)	2.1207E-04 (236, 5)	2.1781E-04 (236, 5)
32	9.5185E-11 (240, 4)	1.0149E-05 (231, 4)	1.5535E-04 (230, 4)	3.0249E-04 (218, 4)	3.0402E-04 (218, 4)
33	2.0196E-11 (218, 4)	5.3582E-06 (145, 4)	1.2361E-04 (230, 4)	2.2932E-04 (218, 4)	2.7918E-04 (91, 5)
34	1.6359E-11 (211, 4)	1.3484E-05 (211, 4)	1.3154E-04 (218, 5)	2.2636E-04 (260, 4)	2.4856E-04 (187, 4)
35	2.8733E-11 (211, 4)	2.6757E-05 (211, 4)	2.3964E-04 (260, 4)	4.2582E-04 (211, 4)	4.4670E-04 (211, 4)
36	7.2578E-11 (238, 4)	3.0795E-05 (236, 5)	2.0241E-04 (229, 4)	3.4172E-04 (260, 4)	4.1192E-04 (260, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.0417E-04 DIRECTION= 9 DISTANCE= 2.5 KM DAY=124

YEAR= 72

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	2.8062E-12 (211)	2.0692E-06 (211)	1.7426E-05 (211)	2.7766E-05 (211)	3.6199E-05 (196)
2	1.8215E-11 (241)	4.0186E-06 (241)	1.7563E-05 (110)	3.3705E-05 (110)	4.2469E-05 (215)
3	1.3524E-10 (229)	1.8717E-05 (241)	2.7344E-05 (110)	4.8268E-05 (110)	5.4589E-05 (110)
4	8.5802E-10 (229)	4.3324E-05 (241)	3.5955E-05 (241)	4.5126E-05 (150)	5.2681E-05 (195)
5	2.9995E-09 (229)	4.5356E-05 (215)	3.8913E-05 (215)	6.1203E-05 (211)	7.2927E-05 (150)
6	5.7777E-09 (229)	5.0822E-05 (229)	3.8873E-05 (229)	5.9334E-05 (261)	6.8878E-05 (211)
7	6.1327E-09 (229)	5.7139E-05 (238)	4.5093E-05 (229)	6.2443E-05 (194)	7.2046E-05 (194)
8	4.4039E-09 (207)	3.6329E-05 (249)	4.2964E-05 (207)	6.4210E-05 (195)	6.7205E-05 (195)
9	4.7364E-09 (207)	5.4184E-05 (207)	5.7074E-05 (222)	8.1560E-05 (242)	1.0417E-04 (124)
10	2.7701E-09 (207)	5.1249E-05 (222)	4.6026E-05 (183)	7.9436E-05 (242)	9.4111E-05 (242)
11	2.7113E-09 (222)	2.5485E-05 (150)	3.7197E-05 (184)	3.3916E-05 (248)	4.5684E-05 (131)
12	7.5637E-10 (222)	6.5776E-06 (222)	1.3417E-05 (222)	1.5901E-05 (143)	2.6327E-05 (143)
13	1.0970E-10 (222)	7.7138E-07 (150)	9.4002E-06 (23)	3.0527E-05 (146)	5.1842E-05 (146)
14	5.5591E-11 (247)	5.7360E-07 (289)	1.0114E-05 (289)	2.1655E-05 (282)	2.5893E-05 (289)
15	4.7512E-10 (247)	2.0186E-06 (247)	5.7929E-06 (362)	1.6434E-05 (362)	2.2815E-05 (362)
16	1.5388E-10 (184)	1.4385E-06 (263)	6.2897E-06 (247)	1.4815E-05 (240)	1.9633E-05 (240)
17	9.4859E-10 (189)	4.5492E-06 (189)	2.1912E-05 (247)	1.8556E-05 (59)	2.5993E-05 (59)
18	3.5207E-09 (189)	2.1282E-05 (189)	2.3820E-05 (263)	2.6528E-05 (247)	3.0766E-05 (247)
19	6.5412E-09 (247)	4.3293E-05 (247)	2.6067E-05 (247)	3.0120E-05 (189)	3.2014E-05 (189)
20	5.4324E-09 (163)	4.0778E-05 (163)	2.7795E-05 (163)	4.2410E-05 (189)	4.3757E-05 (189)
21	5.1844E-09 (189)	5.7847E-05 (163)	4.0870E-05 (163)	3.5946E-05 (252)	5.3304E-05 (252)
22	1.9521E-09 (189)	4.0778E-05 (163)	2.7820E-05 (163)	2.7039E-05 (265)	3.3453E-05 (265)
23	8.5802E-10 (248)	3.4209E-05 (186)	3.7913E-05 (189)	3.7685E-05 (156)	4.4338E-05 (156)
24	5.0080E-10 (163)	5.2043E-05 (186)	4.7146E-05 (247)	4.8167E-05 (186)	4.8027E-05 (156)
25	3.4882E-10 (247)	5.0755E-05 (248)	4.5360E-05 (186)	3.8967E-05 (156)	4.9812E-05 (247)
26	3.0930E-10 (247)	5.4432E-05 (248)	4.5255E-05 (156)	4.0161E-05 (156)	5.7664E-05 (265)
27	1.5516E-10 (247)	2.9011E-05 (248)	2.4419E-05 (156)	2.9871E-05 (310)	4.4547E-05 (310)
28	4.3843E-11 (247)	7.9704E-06 (156)	1.9070E-05 (186)	3.6106E-05 (186)	4.0191E-05 (186)
29	6.9516E-12 (247)	2.2298E-06 (248)	1.7354E-05 (27)	4.0830E-05 (27)	5.0673E-05 (27)
30	2.4530E-12 (212)	8.6885E-06 (248)	1.5886E-05 (241)	3.3567E-05 (241)	3.6997E-05 (228)
31	5.3429E-12 (212)	1.0709E-05 (163)	1.9493E-05 (163)	2.8880E-05 (196)	3.8003E-05 (196)
32	3.8273E-12 (212)	2.0105E-06 (163)	1.7364E-05 (196)	3.0760E-05 (196)	4.2119E-05 (307)
33	9.0165E-13 (212)	1.4784E-06 (196)	1.6740E-05 (196)	3.7022E-05 (229)	4.0021E-05 (314)
34	7.9726E-12 (215)	8.3598E-07 (186)	8.7043E-06 (223)	1.9192E-05 (240)	2.9387E-05 (314)
35	1.0314E-11 (248)	9.5936E-07 (215)	6.6626E-06 (262)	1.8557E-05 (139)	2.5128E-05 (238)
36	2.1896E-12 (136)	1.0283E-06 (136)	9.7167E-06 (315)	2.4597E-05 (64)	3.5770E-05 (64)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 5.2762E-04 DIRECTION= 9 DISTANCE= 2.5 KM DAY=124 TIME PERIOD= 4

YEAR= 72

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	2.2449E-11 (211, 4)	1.6552E-05 (211, 4)	1.3895E-04 (211, 4)	1.9325E-04 (111, 5)	2.4879E-04 (113, 4)
2	1.4572E-10 (241, 5)	3.2149E-05 (241, 5)	1.1231E-04 (110, 5)	2.1026E-04 (55, 5)	3.2022E-04 (55, 5)
3	1.0820E-09 (229, 4)	1.4973E-04 (241, 5)	2.1210E-04 (110, 5)	3.5369E-04 (110, 5)	3.7068E-04 (110, 5)
4	6.8641E-09 (229, 4)	3.4655E-04 (241, 5)	2.8713E-04 (241, 5)	2.6483E-04 (110, 5)	3.0351E-04 (110, 5)
5	2.3996E-08 (229, 4)	3.6284E-04 (215, 4)	3.1120E-04 (215, 4)	3.5327E-04 (261, 5)	3.9072E-04 (150, 4)
6	4.6222E-08 (229, 4)	4.0628E-04 (229, 4)	3.0517E-04 (229, 4)	3.8152E-04 (215, 4)	4.2195E-04 (261, 5)
7	4.9060E-08 (229, 4)	4.5711E-04 (238, 5)	3.2963E-04 (229, 4)	3.4765E-04 (215, 4)	3.3932E-04 (216, 5)
8	3.5699E-08 (207, 4)	2.9063E-04 (249, 4)	3.4010E-04 (207, 4)	3.5089E-04 (216, 5)	3.3187E-04 (220, 4)
9	3.7891E-08 (207, 4)	4.3346E-04 (207, 4)	4.5595E-04 (222, 4)	4.4151E-04 (248, 4)	5.2762E-04 (124, 4)
10	2.2161E-08 (207, 4)	4.0987E-04 (222, 4)	3.1946E-04 (189, 4)	4.0243E-04 (242, 4)	4.7075E-04 (183, 5)
11	2.1691E-08 (222, 4)	2.0388E-04 (150, 5)	2.9717E-04 (184, 4)	2.6528E-04 (184, 4)	2.7275E-04 (248, 5)
12	6.0509E-09 (222, 4)	5.2574E-05 (222, 4)	1.0428E-04 (222, 4)	1.0662E-04 (222, 4)	1.5039E-04 (97, 5)
13	8.7703E-10 (222, 4)	6.1710E-06 (150, 5)	7.5202E-05 (23, 5)	1.7451E-04 (23, 5)	2.3181E-04 (146, 4)
14	4.4473E-10 (247, 5)	4.5844E-06 (289, 4)	8.0723E-05 (289, 4)	1.7324E-04 (282, 4)	2.0623E-04 (289, 4)
15	3.8009E-09 (247, 5)	1.6149E-05 (247, 5)	4.6183E-05 (362, 5)	1.2903E-04 (362, 5)	1.8160E-04 (198, 6)
16	1.2310E-09 (184, 4)	9.8692E-06 (263, 4)	5.0036E-05 (247, 5)	1.1852E-04 (240, 5)	1.5706E-04 (240, 5)
17	7.5887E-09 (189, 5)	3.6393E-05 (189, 5)	1.5253E-04 (263, 4)	1.4845E-04 (59, 4)	2.0795E-04 (59, 4)
18	2.8165E-08 (189, 5)	1.7015E-04 (189, 5)	1.5235E-04 (263, 5)	1.8354E-04 (157, 5)	2.2899E-04 (263, 5)
19	5.2330E-08 (247, 5)	3.5030E-04 (247, 5)	2.0044E-04 (247, 5)	1.5793E-04 (252, 5)	1.8526E-04 (252, 5)
20	4.3459E-08 (163, 4)	3.2623E-04 (163, 4)	2.2236E-04 (163, 4)	1.8561E-04 (252, 5)	2.0871E-04 (252, 4)
21	4.1475E-08 (189, 5)	4.6278E-04 (163, 4)	3.2696E-04 (163, 4)	2.2024E-04 (189, 5)	2.1855E-04 (265, 4)
22	1.5617E-08 (189, 5)	3.2623E-04 (163, 4)	2.2256E-04 (163, 4)	1.8727E-04 (157, 6)	2.3367E-04 (19, 5)
23	6.8641E-09 (248, 5)	2.7367E-04 (186, 4)	2.6830E-04 (189, 5)	2.3445E-04 (186, 4)	2.1747E-04 (217, 4)
24	4.0064E-09 (163, 4)	3.0837E-04 (247, 4)	2.4191E-04 (247, 4)	3.5551E-04 (158, 5)	3.1701E-04 (186, 4)
25	1.7338E-09 (247, 5)	4.0604E-04 (248, 5)	3.6287E-04 (186, 4)	2.7843E-04 (186, 4)	2.5906E-04 (247, 4)
26	1.7338E-09 (247, 5)	3.9298E-04 (156, 4)	3.3564E-04 (247, 4)	2.7592E-04 (156, 4)	3.4006E-04 (257, 4)
27	9.5535E-10 (247, 5)	2.2449E-04 (156, 4)	1.6583E-04 (247, 4)	2.1990E-04 (267, 4)	2.6449E-04 (207, 3)
28	2.9007E-10 (247, 5)	6.3763E-05 (156, 4)	1.3313E-04 (154, 4)	2.1478E-04 (154, 4)	2.5070E-04 (231, 3)
29	4.8529E-11 (247, 5)	1.1836E-05 (186, 5)	1.2019E-04 (186, 5)	2.0870E-04 (186, 5)	2.3774E-04 (197, 3)
30	1.4974E-10 (248, 4)	6.8979E-05 (248, 4)	1.2702E-04 (241, 4)	2.6682E-04 (241, 4)	2.8607E-04 (163, 4)
31	4.2743E-11 (212, 5)	8.6156E-05 (163, 4)	1.5595E-04 (163, 4)	2.1771E-04 (212, 5)	2.2534E-04 (223, 4)
32	3.0618E-11 (212, 5)	1.6084E-05 (163, 4)	9.3238E-05 (212, 5)	1.8926E-04 (229, 4)	2.5004E-04 (229, 4)
33	7.2130E-12 (212, 5)	1.1170E-05 (186, 4)	1.1952E-04 (186, 4)	2.9609E-04 (229, 4)	2.8413E-04 (248, 4)
34	6.3781E-11 (215, 4)	6.6878E-06 (186, 4)	6.9216E-05 (223, 4)	1.4504E-04 (223, 4)	2.0154E-04 (54, 4)
35	8.2510E-11 (248, 4)	7.6749E-06 (215, 4)	5.3301E-05 (262, 4)	1.4846E-04 (139, 4)	2.0102E-04 (238, 4)
36	1.7516E-11 (136, 4)	1.4626E-05 (136, 4)	7.6468E-05 (315, 4)	1.9678E-04 (64, 4)	2.8616E-04 (64, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 9.4187E-05 DIRECTION= 17 DISTANCE= 1.0 KM DAY=131

YEAR= 73

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	1.0309E-09 (236)	3.6047E-05 (163)	2.7438E-05 (199)	2.8952E-05 (163)	3.4083E-05 (146)
2	2.6752E-09 (236)	3.7014E-05 (236)	3.7349E-05 (199)	3.3177E-05 (157)	4.1711E-05 (147)
3	3.8251E-09 (236)	3.8073E-05 (199)	4.4303E-05 (236)	5.3192E-05 (215)	5.8307E-05 (215)
4	2.8954E-09 (192)	4.8802E-05 (173)	5.4562E-05 (173)	4.7742E-05 (173)	5.0404E-05 (313)
5	3.9024E-09 (222)	6.6701E-05 (252)	6.9471E-05 (252)	7.0210E-05 (192)	7.6499E-05 (192)
6	4.9531E-09 (222)	7.6634E-05 (252)	7.9886E-05 (252)	7.6920E-05 (252)	7.5001E-05 (209)
7	3.4654E-09 (222)	4.3645E-05 (252)	5.0217E-05 (182)	7.5661E-05 (185)	8.8630E-05 (187)
8	1.3391E-09 (222)	1.5108E-05 (222)	4.4656E-05 (181)	7.9066E-05 (185)	9.1052E-05 (181)
9	3.8684E-10 (259)	3.9175E-06 (222)	4.0881E-05 (132)	7.4453E-05 (132)	8.6350E-05 (132)
10	5.6949E-10 (218)	1.5605E-05 (259)	2.7988E-05 (132)	5.2145E-05 (132)	6.3786E-05 (132)
11	9.5939E-11 (218)	7.2402E-06 (218)	2.6825E-05 (208)	4.6468E-05 (169)	5.3402E-05 (169)
12	5.8874E-11 (235)	1.9480E-06 (143)	1.5477E-05 (143)	2.6955E-05 (100)	3.7999E-05 (259)
13	4.2079E-10 (235)	1.6852E-06 (235)	9.0622E-06 (103)	2.4127E-05 (103)	2.4443E-05 (259)
14	1.6572E-09 (235)	8.4591E-06 (119)	1.5140E-05 (197)	2.6368E-05 (138)	3.0987E-05 (38)
15	6.7908E-10 (131)	2.0537E-05 (235)	1.5332E-05 (235)	2.2055E-05 (119)	2.8843E-05 (103)
16	2.2366E-09 (131)	4.6804E-05 (131)	3.5526E-05 (131)	2.9655E-05 (95)	3.8621E-05 (356)
17	4.0590E-09 (131)	9.4187E-05 (131)	7.6794E-05 (131)	5.9354E-05 (119)	4.8604E-05 (119)
18	4.0590E-09 (131)	5.6762E-05 (238)	4.2791E-05 (119)	3.6538E-05 (221)	4.9547E-05 (221)
19	2.2366E-09 (131)	4.6020E-05 (238)	2.7768E-05 (238)	3.0857E-05 (103)	3.1255E-05 (221)
20	1.5189E-09 (221)	1.8541E-05 (238)	2.0898E-05 (183)	4.5251E-05 (183)	5.4493E-05 (183)
21	2.5048E-09 (191)	3.7721E-05 (221)	3.3614E-05 (221)	5.9516E-05 (183)	7.6227E-05 (183)
22	5.6360E-09 (221)	5.7593E-05 (221)	5.1575E-05 (221)	5.5000E-05 (221)	5.7602E-05 (221)
23	4.4409E-09 (221)	4.4612E-05 (221)	5.3336E-05 (221)	7.1716E-05 (221)	7.2679E-05 (191)
24	1.9282E-09 (221)	1.7588E-05 (221)	3.0096E-05 (221)	4.8156E-05 (221)	5.1019E-05 (191)
25	1.1695E-09 (232)	3.1575E-05 (260)	3.7557E-05 (260)	4.7260E-05 (260)	5.7856E-05 (260)
26	1.1906E-09 (191)	1.7081E-05 (232)	2.5179E-05 (154)	5.0738E-05 (154)	6.1966E-05 (240)
27	1.7215E-10 (191)	2.6203E-05 (232)	2.6644E-05 (158)	4.6934E-05 (260)	5.1857E-05 (158)
28	7.3580E-11 (260)	1.6742E-05 (260)	2.8807E-05 (232)	5.4031E-05 (239)	6.1448E-05 (239)
29	1.8039E-10 (233)	3.3463E-06 (260)	1.9807E-05 (238)	4.4594E-05 (238)	5.8049E-05 (238)
30	3.5508E-10 (232)	2.0040E-06 (204)	1.4915E-05 (171)	3.3745E-05 (202)	4.5522E-05 (171)
31	4.6806E-11 (232)	5.7950E-06 (261)	1.8018E-05 (233)	2.5927E-05 (217)	3.3055E-05 (224)
32	5.5983E-11 (261)	2.3467E-05 (261)	3.6063E-05 (233)	6.1406E-05 (224)	6.3923E-05 (217)
33	1.0160E-10 (261)	4.7225E-05 (261)	3.9781E-05 (224)	6.9945E-05 (224)	7.5264E-05 (217)
34	1.0160E-10 (261)	2.3404E-05 (233)	3.1157E-05 (217)	4.2699E-05 (261)	5.5560E-05 (202)
35	6.7936E-10 (199)	2.3467E-05 (261)	2.5394E-05 (261)	4.0603E-05 (228)	4.8098E-05 (177)
36	2.1891E-10 (236)	1.6450E-05 (199)	3.1961E-05 (160)	5.1559E-05 (160)	5.1194E-05 (163)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 5.3925E-04 DIRECTION= 6 DISTANCE= 1.0 KM DAY=222 TIME PERIOD= 4

YEAR= 73

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	8.2472E-09 (236, 4)	2.8806E-04 (163, 4)	2.1950E-04 (199, 4)	2.1346E-04 (163, 4)	2.1829E-04 (226, 4)
2	2.1401E-08 (236, 4)	2.9611E-04 (236, 4)	2.2316E-04 (236, 4)	2.6542E-04 (157, 5)	2.8881E-04 (157, 5)
3	3.0601E-08 (236, 4)	3.0458E-04 (199, 4)	2.7025E-04 (173, 5)	2.9714E-04 (151, 4)	3.4993E-04 (269, 5)
4	2.3163E-08 (192, 4)	3.4056E-04 (236, 4)	3.5344E-04 (182, 4)	3.3609E-04 (182, 4)	3.1788E-04 (182, 4)
5	3.1219E-08 (222, 4)	5.1004E-04 (222, 4)	4.9249E-04 (222, 4)	4.6068E-04 (192, 4)	4.0943E-04 (192, 4)
6	3.9623E-08 (222, 4)	5.3925E-04 (222, 4)	5.1768E-04 (222, 4)	3.9879E-04 (222, 4)	3.5818E-04 (228, 5)
7	2.7711E-08 (222, 4)	3.4790E-04 (252, 4)	3.0366E-04 (252, 4)	4.2349E-04 (216, 5)	4.4190E-04 (216, 5)
8	1.0679E-08 (222, 4)	1.0423E-04 (222, 4)	2.2900E-04 (185, 4)	4.4932E-04 (185, 4)	5.0449E-04 (181, 4)
9	3.0946E-09 (259, 4)	2.1448E-05 (259, 4)	1.9482E-04 (132, 5)	3.7512E-04 (132, 5)	3.9723E-04 (152, 4)
10	4.5559E-09 (218, 4)	1.2129E-04 (259, 4)	1.6933E-04 (208, 4)	2.6222E-04 (140, 4)	3.1922E-04 (140, 4)
11	7.6752E-10 (218, 4)	5.7889E-05 (218, 4)	2.1458E-04 (208, 4)	2.5073E-04 (259, 4)	2.2947E-04 (235, 6)
12	4.7099E-10 (235, 5)	1.5548E-05 (143, 5)	1.2118E-04 (143, 5)	1.8748E-04 (208, 4)	2.1313E-04 (100, 4)
13	3.3663E-09 (235, 5)	1.3252E-05 (235, 5)	6.9199E-05 (197, 5)	1.5001E-04 (103, 5)	1.8101E-04 (103, 5)
14	1.3258E-08 (235, 5)	6.6192E-05 (235, 5)	1.2112E-04 (197, 5)	2.1094E-04 (138, 4)	2.4790E-04 (38, 4)
15	5.4327E-09 (131, 4)	1.6429E-04 (235, 5)	1.2265E-04 (235, 5)	1.4465E-04 (30, 5)	2.2739E-04 (118, 4)
16	1.7893E-08 (131, 4)	3.4847E-04 (119, 4)	2.8405E-04 (131, 4)	2.0706E-04 (131, 4)	2.3528E-04 (119, 4)
17	3.2472E-08 (131, 4)	4.3020E-04 (119, 5)	3.3933E-04 (119, 4)	2.6420E-04 (119, 4)	2.1555E-04 (119, 4)
18	3.2472E-08 (131, 4)	4.5410E-04 (238, 5)	2.7996E-04 (238, 5)	2.0732E-04 (190, 5)	2.4679E-04 (103, 4)
19	1.7893E-08 (131, 4)	3.6816E-04 (238, 5)	2.2215E-04 (238, 5)	2.4473E-04 (103, 4)	2.2636E-04 (305, 4)
20	1.2151E-08 (221, 5)	1.4833E-04 (238, 5)	1.0828E-04 (183, 4)	2.0405E-04 (183, 4)	2.2898E-04 (233, 4)
21	1.0690E-08 (191, 4)	3.9050E-04 (221, 5)	2.1701E-04 (221, 5)	3.3081E-04 (183, 4)	3.6129E-04 (233, 5)
22	2.9443E-08 (191, 4)	2.7866E-04 (191, 4)	2.5553E-04 (191, 4)	3.0379E-04 (221, 5)	3.9114E-04 (78, 4)
23	4.4025E-08 (191, 5)	4.4409E-04 (191, 5)	3.5077E-04 (221, 5)	3.6481E-04 (221, 5)	3.4005E-04 (221, 5)
24	3.7370E-08 (191, 4)	3.6953E-04 (191, 4)	2.6770E-04 (191, 5)	2.8013E-04 (191, 4)	2.4380E-04 (191, 4)
25	1.7222E-08 (191, 4)	1.6683E-04 (191, 5)	2.0084E-04 (191, 4)	2.1955E-04 (240, 5)	2.6664E-04 (290, 4)
26	5.1511E-09 (191, 5)	1.3664E-04 (232, 4)	1.3423E-04 (154, 5)	2.4029E-04 (154, 5)	2.6221E-04 (260, 5)
27	1.2774E-09 (260, 5)	2.0963E-04 (232, 4)	2.1255E-04 (158, 4)	2.4878E-04 (260, 5)	2.5803E-04 (154, 5)
28	5.8864E-10 (260, 5)	1.3357E-04 (260, 5)	2.3045E-04 (232, 4)	3.8098E-04 (232, 4)	4.4896E-04 (232, 4)
29	1.4431E-09 (233, 5)	2.6742E-05 (260, 5)	1.0483E-04 (232, 4)	2.1185E-04 (158, 4)	2.4992E-04 (158, 4)
30	2.8407E-09 (232, 4)	1.6032E-05 (204, 5)	1.1909E-04 (171, 4)	1.8615E-04 (204, 5)	2.4464E-04 (238, 3)
31	3.7445E-10 (232, 4)	4.6360E-05 (261, 4)	1.4415E-04 (233, 5)	1.8803E-04 (204, 5)	2.5072E-04 (112, 4)
32	4.4787E-10 (261, 4)	1.8774E-04 (261, 4)	2.0315E-04 (261, 4)	2.7740E-04 (217, 4)	3.2576E-04 (185, 3)
33	8.1280E-10 (261, 4)	3.7780E-04 (261, 4)	2.6710E-04 (233, 5)	3.4189E-04 (202, 5)	3.9841E-04 (202, 5)
34	8.1280E-10 (261, 4)	1.8723E-04 (233, 5)	1.5554E-04 (217, 4)	3.0814E-04 (217, 4)	3.5626E-04 (217, 4)
35	5.4349E-09 (199, 4)	1.8774E-04 (261, 4)	2.0315E-04 (261, 4)	2.3181E-04 (163, 4)	2.2643E-04 (150, 4)
36	1.7512E-09 (236, 4)	1.3160E-04 (199, 4)	1.5464E-04 (160, 4)	2.3638E-04 (160, 4)	2.5860E-04 (226, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MA*3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 8.9671E-05 DIRECTION= 9 DISTANCE= 2.5 KM DAY=173

YEAR= 74

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
DIR					
1	3.1709E-09 (237)	5.6355E-05 (221)	4.2340E-05 (221)	4.6505E-05 (242)	4.8088E-05 (161)
2	8.0513E-10 (237)	3.8210E-05 (161)	3.5128E-05 (221)	3.2686E-05 (161)	4.0943E-05 (127)
3	1.3348E-09 (199)	1.2197E-05 (199)	2.8088E-05 (207)	4.6677E-05 (152)	4.6433E-05 (152)
4	8.3361E-10 (221)	3.2647E-05 (173)	3.2166E-05 (158)	3.6150E-05 (229)	4.8657E-05 (229)
5	1.2380E-10 (221)	4.9719E-05 (173)	5.3118E-05 (200)	5.2197E-05 (234)	5.5740E-05 (234)
6	5.6928E-10 (156)	4.2945E-05 (199)	5.1655E-05 (173)	6.6613E-05 (151)	7.4063E-05 (129)
7	1.6942E-09 (199)	2.1283E-05 (156)	3.4335E-05 (190)	5.7172E-05 (197)	6.4248E-05 (197)
8	4.0529E-10 (199)	3.1756E-05 (109)	2.9213E-05 (197)	5.2612E-05 (148)	6.8857E-05 (196)
9	1.0892E-10 (223)	4.8311E-05 (109)	4.1398E-05 (156)	6.7796E-05 (198)	8.9671E-05 (173)
10	2.0974E-10 (223)	3.7821E-05 (211)	5.5371E-05 (211)	5.1769E-05 (223)	5.9725E-05 (121)
11	2.2261E-10 (223)	4.3812E-05 (211)	5.6620E-05 (211)	4.4605E-05 (211)	4.7486E-05 (200)
12	1.7340E-10 (211)	2.9477E-05 (223)	3.5534E-05 (223)	3.9448E-05 (211)	3.4901E-05 (223)
13	4.1959E-11 (223)	7.8029E-06 (223)	1.4508E-05 (237)	2.6157E-05 (167)	3.3745E-05 (211)
14	1.1025E-11 (234)	1.8077E-06 (234)	4.7355E-06 (237)	1.4821E-05 (99)	2.0890E-05 (211)
15	5.1921E-11 (234)	1.1137E-05 (234)	1.0280E-05 (234)	1.3988E-05 (109)	1.9727E-05 (364)
16	1.5980E-11 (211)	2.2832E-06 (211)	1.1735E-05 (282)	2.6766E-05 (234)	3.2231E-05 (338)
17	2.3320E-11 (243)	2.2759E-06 (243)	8.8711E-06 (180)	2.5036E-05 (282)	3.5426E-05 (282)
18	1.3931E-10 (196)	1.3075E-05 (243)	1.3296E-05 (108)	3.1465E-05 (108)	4.1419E-05 (108)
19	2.5296E-10 (243)	1.4731E-05 (234)	1.3994E-05 (234)	2.2438E-05 (243)	2.7857E-05 (108)
20	3.6700E-10 (233)	2.8587E-05 (196)	1.6304E-05 (196)	2.8580E-05 (282)	3.5698E-05 (311)
21	1.7283E-09 (233)	3.7324E-05 (243)	2.9972E-05 (243)	3.1078E-05 (264)	4.1754E-05 (264)
22	3.9215E-09 (196)	3.9647E-05 (233)	3.0211E-05 (196)	3.8238E-05 (171)	4.4910E-05 (171)
23	2.0996E-09 (204)	5.0988E-05 (190)	4.5623E-05 (190)	4.4819E-05 (233)	4.6249E-05 (286)
24	4.2928E-09 (204)	5.0988E-05 (190)	4.5623E-05 (190)	5.1691E-05 (238)	5.1632E-05 (284)
25	2.1936E-09 (233)	5.7554E-05 (204)	4.8624E-05 (204)	5.0849E-05 (305)	4.6693E-05 (286)
26	2.9995E-09 (172)	3.9557E-05 (204)	4.5376E-05 (180)	5.8969E-05 (305)	8.0305E-05 (305)
27	5.2469E-09 (227)	5.4925E-05 (227)	5.5233E-05 (260)	7.1293E-05 (110)	8.3448E-05 (110)
28	5.2469E-09 (227)	5.4705E-05 (172)	5.2861E-05 (227)	5.2334E-05 (172)	5.6208E-05 (172)
29	3.2820E-09 (240)	4.7310E-05 (164)	5.3585E-05 (164)	6.9108E-05 (240)	7.2729E-05 (221)
30	3.6079E-09 (159)	5.1768E-05 (243)	5.6745E-05 (243)	5.6029E-05 (240)	4.9330E-05 (221)
31	5.9556E-09 (240)	4.6701E-05 (159)	4.9508E-05 (243)	4.8188E-05 (243)	5.4375E-05 (136)
32	4.7913E-09 (221)	5.7723E-05 (159)	4.6608E-05 (226)	5.2350E-05 (241)	5.5504E-05 (187)
33	6.1771E-09 (159)	5.3113E-05 (97)	6.1139E-05 (221)	6.3658E-05 (221)	6.2746E-05 (221)
34	5.0599E-09 (221)	4.1876E-05 (226)	4.3620E-05 (221)	6.4561E-05 (226)	5.4191E-05 (199)
35	3.4658E-09 (221)	2.3917E-05 (221)	3.6912E-05 (226)	4.5897E-05 (242)	5.6183E-05 (242)
36	4.8629E-09 (221)	4.6470E-05 (237)	3.0750E-05 (221)	4.5700E-05 (161)	3.8141E-05 (161)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 5.8183E-04 DIRECTION= 29 DISTANCE= 2.5 KM DAY=221 TIME PERIOD= 4

YEAR= 74

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	2.5367E-08 (237, 5)	4.4852E-04 (221, 5)	3.2728E-04 (221, 5)	2.5209E-04 (221, 5)	2.4688E-04 (228, 4)
2	6.4410E-09 (237, 5)	3.0560E-04 (161, 4)	2.8051E-04 (221, 5)	2.2793E-04 (310, 4)	3.0402E-04 (207, 5)
3	1.0679E-08 (199, 5)	9.7573E-05 (199, 5)	1.3498E-04 (158, 5)	2.0407E-04 (158, 5)	2.2165E-04 (256, 4)
4	6.6689E-09 (221, 5)	2.6117E-04 (173, 5)	2.2711E-04 (158, 5)	2.7907E-04 (229, 4)	3.5403E-04 (229, 4)
5	9.9036E-10 (221, 5)	3.9775E-04 (173, 5)	4.2324E-04 (200, 4)	4.0166E-04 (173, 5)	3.7137E-04 (204, 5)
6	4.5269E-09 (150, 4)	3.4356E-04 (199, 5)	4.1301E-04 (173, 5)	3.8671E-04 (151, 5)	4.1396E-04 (151, 5)
7	1.3553E-08 (199, 5)	1.6604E-04 (156, 4)	2.4950E-04 (173, 5)	2.9248E-04 (129, 4)	3.3599E-04 (129, 4)
8	3.2424E-09 (199, 5)	2.5405E-04 (109, 5)	2.1712E-04 (109, 5)	3.6517E-04 (197, 5)	4.0757E-04 (148, 4)
9	8.7105E-10 (223, 4)	3.8649E-04 (109, 5)	3.3116E-04 (156, 4)	3.7576E-04 (243, 5)	4.4460E-04 (151, 4)
10	1.6779E-09 (223, 4)	2.9218E-04 (109, 5)	4.3050E-04 (211, 5)	3.6253E-04 (211, 5)	3.3441E-04 (211, 5)
11	1.7809E-09 (223, 4)	2.4739E-04 (211, 5)	3.6729E-04 (211, 5)	2.9699E-04 (211, 5)	3.0484E-04 (167, 5)
12	1.3865E-09 (211, 4)	2.3551E-04 (223, 4)	2.6716E-04 (223, 4)	2.0711E-04 (211, 4)	2.2551E-04 (195, 5)
13	3.3567E-10 (223, 4)	6.2369E-05 (223, 4)	1.1607E-04 (237, 5)	2.0108E-04 (237, 5)	2.1434E-04 (237, 5)
14	8.8201E-11 (234, 4)	1.4461E-05 (234, 4)	3.7884E-05 (237, 5)	7.9994E-05 (99, 5)	1.3444E-04 (99, 5)
15	4.1537E-10 (234, 4)	8.9092E-05 (234, 4)	8.2240E-05 (234, 4)	1.1191E-04 (109, 6)	1.5781E-04 (364, 5)
16	1.2784E-10 (211, 4)	1.8266E-05 (211, 4)	7.8169E-05 (109, 6)	1.7610E-04 (282, 4)	2.1031E-04 (109, 6)
17	1.8656E-10 (243, 5)	1.8208E-05 (243, 5)	7.0968E-05 (180, 5)	1.5345E-04 (180, 5)	1.9056E-04 (41, 5)
18	1.1145E-09 (190, 4)	1.0460E-04 (243, 5)	8.8327E-05 (211, 4)	2.0704E-04 (311, 5)	2.2176E-04 (211, 4)
19	2.0237E-09 (243, 5)	1.1785E-04 (234, 4)	1.1195E-04 (234, 4)	1.6381E-04 (108, 5)	1.7961E-04 (108, 5)
20	2.9360E-09 (233, 4)	2.2870E-04 (196, 4)	1.3043E-04 (196, 4)	2.0164E-04 (114, 4)	2.5256E-04 (282, 4)
21	1.3827E-08 (233, 4)	2.9859E-04 (243, 5)	2.3975E-04 (243, 5)	2.0962E-04 (281, 4)	2.8662E-04 (264, 5)
22	3.1372E-08 (190, 4)	3.1718E-04 (233, 4)	2.4169E-04 (196, 4)	2.3302E-04 (245, 4)	2.9740E-04 (172, 4)
23	1.6797E-08 (204, 4)	4.0790E-04 (190, 4)	3.6499E-04 (190, 4)	2.8249E-04 (190, 4)	2.6209E-04 (171, 6)
24	3.4342E-08 (204, 4)	4.0790E-04 (190, 4)	3.6499E-04 (190, 4)	3.4133E-04 (286, 5)	3.7969E-04 (306, 4)
25	1.7549E-08 (233, 4)	4.6043E-04 (204, 4)	3.8898E-04 (204, 4)	3.7236E-04 (286, 5)	3.9776E-04 (110, 5)
26	2.3996E-08 (172, 4)	3.1645E-04 (204, 4)	3.6801E-04 (180, 4)	3.5473E-04 (110, 4)	3.6986E-04 (110, 4)
27	4.1975E-08 (227, 4)	4.3940E-04 (227, 4)	4.4187E-04 (260, 4)	4.4292E-04 (180, 4)	3.8770E-04 (180, 4)
28	4.1975E-08 (227, 4)	4.3544E-04 (172, 4)	4.2287E-04 (227, 4)	3.3369E-04 (144, 4)	2.8951E-04 (227, 4)
29	2.6256E-08 (240, 4)	3.7848E-04 (164, 4)	4.2867E-04 (164, 4)	5.5263E-04 (240, 4)	5.8183E-04 (221, 4)
30	2.8863E-08 (159, 5)	4.1414E-04 (243, 4)	4.5369E-04 (243, 4)	4.4823E-04 (240, 4)	3.9452E-04 (221, 4)
31	4.7645E-08 (240, 4)	3.7358E-04 (159, 5)	3.9596E-04 (243, 4)	3.8345E-04 (187, 4)	3.6656E-04 (243, 4)
32	3.8317E-08 (221, 4)	4.6101E-04 (159, 5)	3.7284E-04 (226, 4)	3.8786E-04 (226, 4)	3.7311E-04 (226, 4)
33	4.9015E-08 (159, 5)	4.2489E-04 (97, 5)	3.9494E-04 (221, 4)	4.1346E-04 (97, 5)	4.1845E-04 (97, 5)
34	3.8198E-08 (221, 4)	3.2668E-04 (221, 4)	2.6608E-04 (221, 4)	3.3393E-04 (199, 4)	4.2320E-04 (199, 4)
35	1.5023E-08 (221, 4)	1.6617E-04 (226, 4)	2.9133E-04 (237, 5)	2.1718E-04 (226, 4)	2.8739E-04 (236, 5)
36	3.5382E-08 (221, 5)	3.7176E-04 (237, 5)	2.3117E-04 (237, 5)	2.0999E-04 (242, 5)	2.3883E-04 (210, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 9.0888E-05 DIRECTION= 9 DISTANCE= 2.5 KM DAY=179

YEAR= 75

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	6.1325E-09 (162)	5.5166E-05 (162)	4.8705E-05 (162)	4.5933E-05 (99)	5.3189E-05 (120)
2	4.3138E-09 (126)	4.8515E-05 (218)	4.2218E-05 (126)	3.6879E-05 (119)	5.8387E-05 (66)
3	3.6880E-09 (171)	4.7344E-05 (179)	3.3500E-05 (126)	4.1476E-05 (171)	4.9943E-05 (122)
4	4.9682E-09 (171)	5.5966E-05 (145)	3.8630E-05 (145)	5.6211E-05 (161)	6.1437E-05 (122)
5	3.8952E-09 (145)	4.1109E-05 (171)	4.0185E-05 (161)	5.3328E-05 (132)	5.7332E-05 (137)
6	5.0781E-09 (181)	5.1183E-05 (176)	4.4892E-05 (230)	5.7366E-05 (146)	6.4357E-05 (146)
7	2.6367E-09 (181)	5.1844E-05 (185)	6.4877E-05 (185)	7.2576E-05 (178)	8.0678E-05 (178)
8	1.1717E-09 (243)	2.9447E-05 (176)	5.8885E-05 (185)	6.5353E-05 (115)	7.7978E-05 (189)
9	1.1559E-09 (176)	3.7159E-05 (206)	4.4644E-05 (243)	7.2886E-05 (165)	9.0888E-05 (179)
10	7.4704E-10 (97)	7.1490E-05 (206)	8.0782E-05 (206)	6.4237E-05 (243)	7.0375E-05 (179)
11	1.5263E-09 (97)	7.0932E-05 (206)	7.0807E-05 (243)	5.4279E-05 (243)	4.8484E-05 (206)
12	1.7194E-09 (97)	3.8251E-05 (243)	3.5124E-05 (97)	2.5939E-05 (206)	3.0139E-05 (231)
13	1.0674E-09 (97)	1.3139E-05 (177)	1.7014E-05 (226)	3.2163E-05 (230)	5.2160E-05 (244)
14	3.6510E-10 (97)	8.6243E-06 (97)	1.4465E-05 (180)	2.9282E-05 (180)	3.7248E-05 (180)
15	1.0775E-10 (144)	2.6100E-05 (144)	2.1220E-05 (144)	3.0187E-05 (244)	3.7955E-05 (177)
16	1.8423E-10 (144)	4.6013E-05 (177)	4.2471E-05 (144)	3.3123E-05 (177)	3.7207E-05 (95)
17	1.7357E-10 (144)	1.7286E-05 (177)	1.9052E-05 (95)	2.9744E-05 (144)	2.8514E-05 (106)
18	9.0108E-11 (144)	9.8105E-06 (143)	1.5193E-05 (143)	2.0817E-05 (95)	2.5755E-05 (95)
19	9.1793E-11 (176)	9.7857E-06 (181)	9.5956E-06 (94)	2.6560E-05 (228)	2.7856E-05 (143)
20	1.7356E-10 (181)	2.1127E-05 (181)	1.9843E-05 (106)	3.6208E-05 (143)	3.8051E-05 (228)
21	1.8427E-10 (181)	2.5148E-05 (176)	2.8075E-05 (176)	3.2868E-05 (176)	4.2999E-05 (106)
22	1.0797E-10 (181)	1.6748E-05 (143)	1.9081E-05 (181)	3.2335E-05 (141)	5.3277E-05 (141)
23	3.5393E-11 (116)	1.0635E-05 (116)	1.6595E-05 (181)	2.9896E-05 (181)	3.9907E-05 (175)
24	1.2088E-10 (116)	3.0807E-05 (176)	3.2022E-05 (236)	3.2237E-05 (247)	3.8630E-05 (247)
25	2.2768E-10 (116)	8.1581E-06 (176)	2.5768E-05 (250)	4.6473E-05 (250)	5.1756E-05 (250)
26	2.3651E-10 (116)	3.7301E-06 (217)	2.9806E-05 (247)	6.5032E-05 (247)	5.7874E-05 (74)
27	5.0080E-10 (219)	1.8637E-05 (217)	3.6099E-05 (247)	7.2410E-05 (248)	9.0316E-05 (248)
28	2.2220E-09 (219)	1.4294E-05 (219)	3.0661E-05 (217)	5.2797E-05 (248)	6.3457E-05 (250)
29	5.4324E-09 (219)	4.0800E-05 (219)	2.9777E-05 (219)	4.5440E-05 (250)	5.3448E-05 (217)
30	4.7687E-09 (217)	5.1032E-05 (143)	4.5415E-05 (219)	4.7976E-05 (219)	5.5658E-05 (219)
31	3.6875E-09 (242)	4.0823E-05 (242)	3.5901E-05 (242)	3.8345E-05 (114)	4.0222E-05 (114)
32	2.2220E-09 (219)	1.9449E-05 (143)	2.2411E-05 (114)	4.0668E-05 (258)	4.7926E-05 (242)
33	5.0080E-10 (219)	1.8693E-05 (205)	2.8520E-05 (114)	5.0192E-05 (242)	5.1639E-05 (170)
34	8.5802E-10 (162)	1.4601E-05 (242)	2.3867E-05 (205)	4.0920E-05 (260)	5.3459E-05 (216)
35	1.7300E-09 (218)	1.2507E-05 (205)	1.8366E-05 (205)	3.2889E-05 (114)	4.3256E-05 (147)
36	4.7648E-09 (218)	3.6681E-05 (218)	3.3020E-05 (218)	3.4766E-05 (162)	3.5973E-05 (120)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 6.1041E-04 DIRECTION= 10 DISTANCE= 1.5 KM DAY=206 TIME PERIOD= 4

YEAR= 75

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	4.9060E-08 (162, 4)	4.4133E-04 (162, 4)	3.8964E-04 (162, 4)	3.6540E-04 (99, 5)	4.2551E-04 (120, 4)
2	3.4510E-08 (126, 4)	3.8812E-04 (218, 4)	3.3775E-04 (126, 4)	2.6123E-04 (126, 4)	2.8520E-04 (24, 4)
3	2.9500E-08 (171, 4)	3.7867E-04 (179, 5)	2.4356E-04 (179, 5)	2.6585E-04 (216, 5)	3.4703E-04 (216, 5)
4	3.9741E-08 (171, 4)	4.4734E-04 (145, 4)	3.0495E-04 (145, 4)	2.7964E-04 (171, 4)	2.9214E-04 (122, 4)
5	3.1097E-08 (145, 4)	3.2556E-04 (171, 4)	2.8071E-04 (171, 4)	4.2609E-04 (132, 4)	4.3242E-04 (132, 4)
6	4.0625E-08 (181, 5)	4.0940E-04 (176, 4)	3.5907E-04 (230, 4)	3.8955E-04 (146, 4)	4.3659E-04 (146, 4)
7	2.1094E-08 (181, 5)	4.0488E-04 (185, 4)	3.9924E-04 (185, 4)	3.8266E-04 (181, 5)	3.9239E-04 (230, 4)
8	9.3733E-09 (243, 4)	2.3398E-04 (176, 4)	3.7291E-04 (185, 4)	4.0280E-04 (185, 4)	3.9602E-04 (185, 4)
9	9.2470E-09 (176, 4)	2.8177E-04 (206, 4)	2.8235E-04 (206, 4)	4.1941E-04 (166, 5)	4.6470E-04 (166, 5)
10	5.9717E-09 (97, 4)	5.6703E-04 (206, 4)	6.1041E-04 (206, 4)	4.7117E-04 (206, 4)	3.8542E-04 (206, 4)
11	1.2210E-08 (97, 4)	5.6703E-04 (206, 4)	5.6645E-04 (243, 4)	4.3415E-04 (243, 4)	3.5309E-04 (243, 4)
12	1.3755E-08 (97, 4)	3.0601E-04 (243, 4)	2.8070E-04 (97, 4)	2.0587E-04 (206, 4)	2.0484E-04 (177, 5)
13	8.5389E-09 (97, 4)	1.0454E-04 (177, 4)	1.2036E-04 (230, 5)	1.8862E-04 (180, 5)	2.4333E-04 (226, 4)
14	2.9208E-09 (97, 4)	6.8994E-05 (97, 4)	1.0777E-04 (180, 5)	1.8906E-04 (180, 5)	2.6546E-04 (244, 5)
15	8.6200E-10 (144, 4)	2.0880E-04 (144, 4)	1.6976E-04 (144, 4)	1.7461E-04 (297, 4)	2.1293E-04 (297, 4)
16	1.4738E-09 (144, 4)	3.6810E-04 (177, 4)	3.3977E-04 (144, 4)	2.5850E-04 (144, 4)	2.1386E-04 (177, 4)
17	1.3886E-09 (144, 4)	1.3829E-04 (177, 4)	1.2053E-04 (95, 4)	2.2153E-04 (95, 4)	2.0014E-04 (105, 5)
18	7.2087E-10 (144, 4)	7.5721E-05 (143, 4)	8.0340E-05 (95, 4)	1.5022E-04 (95, 4)	1.8458E-04 (95, 4)
19	7.3434E-10 (176, 4)	7.8286E-05 (181, 4)	7.5440E-05 (94, 4)	1.5906E-04 (94, 4)	1.9680E-04 (94, 4)
20	1.3885E-09 (181, 4)	1.6901E-04 (181, 4)	1.4463E-04 (181, 4)	2.1248E-04 (228, 6)	2.6619E-04 (206, 4)
21	1.4742E-09 (181, 4)	2.0118E-04 (176, 4)	2.2454E-04 (176, 4)	2.4699E-04 (143, 4)	2.8259E-04 (176, 4)
22	8.6374E-10 (181, 4)	1.3399E-04 (143, 4)	1.5265E-04 (181, 4)	2.0168E-04 (143, 4)	2.5887E-04 (141, 4)
23	2.8315E-10 (116, 4)	8.5075E-05 (116, 4)	1.3276E-04 (181, 4)	2.3917E-04 (181, 4)	3.0762E-04 (181, 4)
24	9.6704E-10 (116, 4)	2.4645E-04 (176, 4)	2.5566E-04 (236, 4)	2.4691E-04 (247, 5)	2.9884E-04 (247, 5)
25	1.8215E-09 (116, 4)	6.5261E-05 (176, 4)	1.7815E-04 (236, 4)	3.3163E-04 (97, 4)	4.0928E-04 (97, 4)
26	1.8920E-09 (116, 4)	2.9841E-05 (217, 4)	1.7854E-04 (247, 4)	3.5634E-04 (247, 4)	4.0737E-04 (247, 4)
27	4.0064E-09 (219, 4)	1.4909E-04 (217, 4)	1.9519E-04 (247, 4)	3.4971E-04 (248, 5)	3.8782E-04 (248, 5)
28	1.7776E-08 (219, 4)	1.1436E-04 (219, 4)	1.8640E-04 (143, 5)	2.2345E-04 (184, 5)	2.6399E-04 (286, 4)
29	4.3459E-08 (219, 4)	3.2640E-04 (219, 4)	2.3787E-04 (219, 4)	2.2130E-04 (250, 4)	2.5023E-04 (250, 4)
30	3.8150E-08 (217, 4)	4.0798E-04 (143, 5)	3.6110E-04 (219, 4)	3.6208E-04 (219, 4)	3.8294E-04 (219, 4)
31	2.9500E-08 (242, 4)	3.2658E-04 (242, 4)	2.8103E-04 (143, 5)	2.6615E-04 (217, 4)	2.7429E-04 (217, 4)
32	1.7776E-08 (219, 4)	1.5307E-04 (143, 5)	1.4026E-04 (235, 4)	2.5383E-04 (168, 4)	3.5162E-04 (242, 4)
33	4.0064E-09 (219, 4)	1.4631E-04 (205, 4)	2.0945E-04 (114, 5)	3.9103E-04 (114, 5)	4.1163E-04 (170, 4)
34	6.8641E-09 (162, 4)	1.1681E-04 (242, 4)	1.7082E-04 (260, 4)	3.2736E-04 (260, 4)	3.8661E-04 (216, 4)
35	1.3840E-08 (218, 4)	9.9523E-05 (205, 4)	1.4155E-04 (205, 4)	2.1232E-04 (260, 4)	2.4550E-04 (260, 4)
36	3.8119E-08 (218, 4)	2.9344E-04 (218, 4)	2.6416E-04 (218, 4)	2.7813E-04 (162, 4)	2.4110E-04 (205, 4)

COMPOSITE HIGHEST,SECOND-HIGHEST 24-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	0.	56.	49.	47.	53.
2	0.	49.	44.	37.	58.
3	0.	48.	46.	53.	58.
4	0.	57.	64.	56.	61.
5	0.	67.	69.	70.	76.
6	0.	77.	80.	77.	75.
7	0.	57.	65.	76.	89.
8	0.	42.	59.	79.	91.
9	0.	54.	57.	84.	107.
10	0.	71.	81.	79.	94.
11	0.	71.	71.	54.	53.
12	0.	38.	40.	44.	39.
13	0.	18.	29.	32.	52.
14	0.	9.	15.	29.	37.
15	0.	32.	24.	30.	38.
16	0.	47.	42.	35.	39.
17	0.	94.	77.	59.	49.
18	0.	57.	43.	37.	50.
19	0.	46.	28.	31.	32.
20	0.	41.	28.	45.	54.
21	0.	58.	41.	60.	76.
22	0.	58.	52.	55.	58.
23	0.	51.	53.	72.	73.
24	0.	52.	47.	52.	61.
25	0.	58.	49.	51.	67.
26	0.	54.	45.	65.	80.
27	0.	55.	55.	72.	90.
28	0.	64.	62.	54.	63.
29	0.	47.	54.	69.	73.
30	0.	52.	57.	56.	56.
31	0.	47.	50.	48.	54.
32	0.	58.	47.	61.	64.
33	0.	53.	61.	70.	75.
34	0.	42.	44.	65.	56.
35	0.	24.	37.	57.	64.
36	0.	46.	33.	56.	69.

COMPOSITE HIGHEST, SECOND-HIGHEST 3-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	0.	449.	390.	365.	426.
2	0.	388.	338.	283.	324.
3	0.	382.	364.	354.	384.
4	0.	452.	513.	396.	354.
5	0.	510.	555.	461.	432.
6	0.	539.	518.	399.	437.
7	0.	457.	399.	423.	442.
8	0.	329.	373.	449.	504.
9	0.	433.	456.	442.	528.
10	0.	567.	610.	471.	471.
11	0.	567.	566.	434.	353.
12	0.	306.	281.	348.	287.
13	0.	144.	120.	201.	243.
14	0.	72.	121.	211.	265.
15	0.	254.	193.	238.	227.
16	0.	368.	340.	258.	235.
17	0.	430.	339.	264.	216.
18	0.	454.	280.	207.	247.
19	0.	368.	222.	245.	226.
20	0.	326.	222.	212.	266.
21	0.	463.	327.	331.	361.
22	0.	326.	256.	304.	391.
23	0.	444.	365.	365.	340.
24	0.	408.	365.	356.	380.
25	0.	460.	389.	372.	409.
26	0.	393.	363.	356.	407.
27	0.	439.	442.	443.	388.
28	0.	515.	493.	381.	449.
29	0.	378.	429.	553.	582.
30	0.	414.	454.	448.	395.
31	0.	374.	396.	383.	367.
32	0.	461.	373.	388.	373.
33	0.	425.	395.	413.	418.
34	0.	327.	267.	334.	423.
35	0.	188.	291.	426.	447.
36	0.	372.	264.	342.	412.

RING DISTANCES(KM)= 3.00 3.50 4.00 4.50 5.00

STACK # 1--TECO 1 100% 31.5T/H SO2
STACK # 2--TECO 4 100% 31.5T/H SO2

STACK	MONTH	EMISSION RATE (GMS/SEC)	HEIGHT (METERS)	DIAMETER (METERS)	EXIT VELOCITY (M/SEC)	TEMP (DEG.K)	VOLUMETRIC FLOW (M**3/SEC)
1	ALL	2637.9399	149.40	7.32	14.30	422.00	601.79
2	ALL	709.4299	149.40	7.32	20.00	342.00	841.67

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.1581E-04 DIRECTION= 9 DISTANCE= 3.0 KM DAY=128

YEAR= 71

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
DIR					
1	4.4712E-05 (236)	4.1205E-05 (236)	3.7536E-05 (113)	3.6380E-05 (113)	5.4969E-05 (113)
2	5.5275E-05 (236)	5.8517E-05 (331)	6.0060E-05 (331)	5.8999E-05 (331)	5.6504E-05 (331)
3	5.4659E-05 (205)	5.6539E-05 (205)	5.5318E-05 (205)	5.2498E-05 (205)	4.9004E-05 (205)
4	5.1019E-05 (205)	5.1512E-05 (234)	4.5306E-05 (234)	4.4261E-05 (127)	4.3579E-05 (127)
5	4.9729E-05 (276)	4.6073E-05 (276)	4.2714E-05 (234)	4.2400E-05 (219)	4.1629E-05 (219)
6	5.9125E-05 (159)	5.8034E-05 (159)	5.0049E-05 (206)	4.2470E-05 (206)	3.6293E-05 (206)
7	5.9894E-05 (207)	5.9005E-05 (103)	5.5008E-05 (224)	5.4976E-05 (224)	5.3711E-05 (224)
8	6.1268E-05 (128)	5.7744E-05 (139)	5.5609E-05 (139)	5.1926E-05 (139)	4.7773E-05 (139)
9	1.1581E-04 (128)	1.0859E-04 (220)	9.7972E-05 (220)	8.7727E-05 (167)	8.5104E-05 (167)
10	7.7191E-05 (220)	7.4299E-05 (220)	6.8726E-05 (220)	6.2487E-05 (220)	6.0326E-05 (161)
11	4.0965E-05 (196)	4.5468E-05 (196)	4.6292E-05 (196)	4.5057E-05 (196)	4.2805E-05 (196)
12	5.4061E-05 (136)	6.1737E-05 (136)	6.0327E-05 (198)	5.2118E-05 (198)	4.5401E-05 (198)
13	4.5008E-05 (141)	4.8888E-05 (141)	4.9614E-05 (141)	4.8290E-05 (198)	4.3191E-05 (198)
14	3.5111E-05 (222)	3.8558E-05 (222)	3.9166E-05 (222)	3.8011E-05 (222)	3.5930E-05 (222)
15	3.7879E-05 (121)	3.8109E-05 (221)	4.1791E-05 (221)	4.2726E-05 (221)	4.1939E-05 (221)
16	3.8047E-05 (169)	3.9149E-05 (169)	3.9024E-05 (124)	3.9240E-05 (124)	3.8284E-05 (124)
17	3.0413E-05 (99)	3.0210E-05 (169)	3.0573E-05 (169)	3.0761E-05 (162)	2.9781E-05 (162)
18	3.8717E-05 (99)	3.7992E-05 (99)	3.5774E-05 (316)	3.6118E-05 (316)	3.5314E-05 (316)
19	2.7248E-05 (221)	2.5690E-05 (316)	2.6745E-05 (316)	2.6509E-05 (316)	2.6712E-05 (275)
20	2.4499E-05 (99)	2.3346E-05 (46)	2.4199E-05 (150)	2.5215E-05 (334)	2.6034E-05 (334)
21	4.0854E-05 (263)	4.1655E-05 (311)	4.4249E-05 (311)	4.5220E-05 (312)	4.6445E-05 (334)
22	4.6318E-05 (47)	4.6201E-05 (47)	4.3710E-05 (47)	4.0512E-05 (47)	3.7421E-05 (47)
23	5.4996E-05 (68)	5.8661E-05 (270)	5.0963E-05 (156)	4.6430E-05 (272)	4.4337E-05 (272)
24	7.1087E-05 (90)	7.2299E-05 (156)	6.6052E-05 (156)	5.9490E-05 (156)	5.3426E-05 (156)
25	4.6370E-05 (90)	4.9381E-05 (90)	4.9020E-05 (90)	4.6760E-05 (90)	4.4638E-05 (285)
26	3.6146E-05 (267)	4.3692E-05 (267)	4.3528E-05 (156)	4.3863E-05 (48)	4.4817E-05 (48)
27	6.7635E-05 (190)	7.4550E-05 (190)	7.5853E-05 (190)	7.4043E-05 (190)	7.0801E-05 (190)
28	6.7595E-05 (101)	7.0438E-05 (101)	6.9529E-05 (101)	6.6579E-05 (101)	6.2696E-05 (101)
29	4.7030E-05 (138)	5.0369E-05 (214)	5.5214E-05 (214)	5.6560E-05 (214)	5.3756E-05 (188)
30	5.1535E-05 (182)	4.8156E-05 (182)	5.2950E-05 (210)	5.4589E-05 (210)	5.4072E-05 (210)
31	3.7930E-05 (182)	4.0286E-05 (182)	4.1159E-05 (182)	4.0921E-05 (182)	3.9881E-05 (182)
32	5.0199E-05 (2)	5.0574E-05 (2)	4.8716E-05 (2)	4.5989E-05 (2)	4.3015E-05 (2)
33	5.6221E-05 (91)	5.7547E-05 (230)	6.5119E-05 (185)	6.4464E-05 (91)	6.2664E-05 (363)
34	6.0507E-05 (187)	6.6778E-05 (259)	6.3599E-05 (259)	5.9157E-05 (259)	5.4398E-05 (259)
35	6.2080E-05 (211)	5.6438E-05 (211)	5.0076E-05 (211)	4.4035E-05 (211)	3.8672E-05 (211)
36	6.6999E-05 (260)	5.9739E-05 (260)	5.2692E-05 (260)	4.6678E-05 (260)	4.1748E-05 (260)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAX3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 5.2750E-04 DIRECTION= 9 DISTANCE= 3.0 KM DAY=238 TIME PERIOD= 5

YEAR= 71

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	2.5462E-04 (260, 5)	2.3562E-04 (229, 4)	2.1104E-04 (113, 4)	2.0017E-04 (113, 4)	1.8550E-04 (113, 4)
2	3.0048E-04 (184, 4)	3.0690E-04 (73, 4)	3.0299E-04 (25, 4)	3.0252E-04 (331, 4)	2.9759E-04 (25, 4)
3	3.4984E-04 (219, 5)	3.0110E-04 (219, 5)	2.6607E-04 (331, 4)	2.7519E-04 (331, 4)	2.7222E-04 (331, 4)
4	2.9209E-04 (163, 4)	3.0708E-04 (127, 4)	3.1180E-04 (234, 4)	2.9276E-04 (131, 4)	2.8161E-04 (131, 4)
5	3.9416E-04 (240, 5)	3.5284E-04 (240, 5)	3.0695E-04 (240, 5)	3.0468E-04 (234, 4)	2.7685E-04 (234, 4)
6	3.7504E-04 (206, 5)	3.2511E-04 (206, 5)	3.0698E-04 (159, 4)	2.7651E-04 (200, 4)	2.4542E-04 (279, 4)
7	3.1875E-04 (207, 5)	3.0920E-04 (207, 5)	2.8831E-04 (207, 5)	2.9192E-04 (229, 6)	3.0004E-04 (229, 6)
8	4.0159E-04 (262, 5)	3.7188E-04 (262, 5)	3.3302E-04 (232, 5)	3.4764E-04 (232, 5)	3.4636E-04 (232, 5)
9	5.2750E-04 (238, 5)	5.0018E-04 (220, 5)	4.6365E-04 (238, 5)	4.2432E-04 (178, 4)	3.9632E-04 (256, 4)
10	3.8208E-04 (168, 4)	4.2121E-04 (168, 4)	3.9947E-04 (204, 5)	3.6451E-04 (204, 5)	3.3266E-04 (204, 5)
11	2.9061E-04 (192, 5)	2.8174E-04 (196, 4)	2.7723E-04 (192, 5)	2.5682E-04 (192, 5)	2.3465E-04 (192, 5)
12	2.8300E-04 (136, 4)	3.3169E-04 (136, 4)	2.9840E-04 (198, 4)	2.5703E-04 (198, 4)	2.2878E-04 (317, 4)
13	2.1457E-04 (198, 3)	2.4375E-04 (136, 4)	2.5042E-04 (136, 4)	2.4426E-04 (136, 4)	2.3192E-04 (136, 4)
14	1.9639E-04 (162, 4)	2.2343E-04 (199, 6)	2.5572E-04 (199, 6)	2.6955E-04 (199, 6)	2.7059E-04 (199, 6)
15	2.5074E-04 (222, 5)	2.8026E-04 (222, 5)	3.0219E-04 (221, 5)	2.7835E-04 (222, 4)	2.6135E-04 (222, 5)
16	2.4267E-04 (124, 6)	2.8689E-04 (124, 6)	3.0402E-04 (124, 6)	2.9140E-04 (169, 4)	2.7475E-04 (169, 4)
17	2.0423E-04 (317, 4)	2.2641E-04 (162, 4)	2.0797E-04 (99, 4)	2.0750E-04 (315, 5)	2.1335E-04 (181, 6)
18	2.3699E-04 (124, 5)	2.5223E-04 (124, 5)	2.4851E-04 (124, 5)	2.3523E-04 (124, 5)	2.2359E-04 (300, 4)
19	2.1795E-04 (221, 4)	2.0218E-04 (221, 4)	1.9227E-04 (300, 4)	2.0824E-04 (275, 4)	2.1370E-04 (275, 4)
20	1.9593E-04 (46, 5)	1.8677E-04 (46, 5)	1.9358E-04 (150, 3)	1.8600E-04 (99, 4)	1.7601E-04 (99, 4)
21	2.4515E-04 (18, 4)	2.5461E-04 (18, 4)	2.4603E-04 (18, 4)	2.3091E-04 (263, 5)	2.3764E-04 (55, 4)
22	2.8881E-04 (263, 5)	2.8316E-04 (261, 4)	2.9857E-04 (261, 4)	2.9429E-04 (261, 4)	2.8027E-04 (261, 4)
23	3.2897E-04 (156, 4)	2.9678E-04 (156, 4)	2.9559E-04 (199, 3)	2.9337E-04 (199, 3)	2.8080E-04 (199, 3)
24	3.1193E-04 (90, 4)	3.0862E-04 (90, 4)	2.9289E-04 (90, 4)	2.7169E-04 (90, 4)	2.6082E-04 (258, 4)
25	2.6682E-04 (137, 4)	3.1120E-04 (137, 4)	3.2655E-04 (137, 4)	3.2353E-04 (137, 4)	3.1035E-04 (137, 4)
26	2.3499E-04 (101, 4)	2.4105E-04 (267, 5)	2.5584E-04 (267, 5)	2.5540E-04 (267, 5)	2.4616E-04 (267, 5)
27	3.3194E-04 (101, 4)	3.1498E-04 (86, 5)	3.0588E-04 (265, 4)	3.0708E-04 (249, 3)	3.0402E-04 (153, 3)
28	3.5891E-04 (101, 5)	3.5978E-04 (101, 5)	3.4324E-04 (101, 5)	3.1884E-04 (101, 5)	2.9201E-04 (101, 5)
29	3.2575E-04 (233, 4)	3.6154E-04 (233, 4)	3.7363E-04 (233, 4)	3.7436E-04 (233, 4)	3.5069E-04 (231, 4)
30	3.1882E-04 (138, 5)	2.7594E-04 (211, 3)	3.0573E-04 (211, 3)	3.1535E-04 (182, 4)	2.8847E-04 (182, 4)
31	2.1562E-04 (218, 4)	2.1492E-04 (278, 4)	2.3906E-04 (262, 4)	2.5786E-04 (262, 4)	2.6373E-04 (262, 4)
32	3.0367E-04 (295, 4)	3.0571E-04 (295, 4)	2.8882E-04 (295, 4)	2.8159E-04 (139, 3)	2.8665E-04 (139, 3)
33	3.8816E-04 (91, 5)	3.8842E-04 (230, 4)	3.9338E-04 (77, 5)	3.8762E-04 (77, 5)	3.7012E-04 (77, 5)
34	3.3624E-04 (259, 4)	3.5691E-04 (259, 4)	3.5564E-04 (259, 4)	3.5944E-04 (200, 3)	3.6668E-04 (200, 3)
35	4.0326E-04 (211, 4)	3.4598E-04 (211, 4)	2.9251E-04 (211, 4)	2.4724E-04 (211, 4)	2.1024E-04 (211, 4)
36	4.0212E-04 (260, 4)	3.6397E-04 (260, 4)	3.2254E-04 (260, 4)	2.9613E-04 (179, 3)	3.0671E-04 (179, 3)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.0757E-04 DIRECTION= 9 DISTANCE= 3.0 KM DAY=124

YEAR= 72

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	5.0064E-05 (107)	5.9859E-05 (107)	6.3148E-05 (113)	5.9795E-05 (113)	5.5783E-05 (113)
2	5.1345E-05 (57)	6.0442E-05 (57)	6.3837E-05 (57)	6.3597E-05 (57)	6.1360E-05 (57)
3	5.3162E-05 (110)	5.2961E-05 (105)	5.3854E-05 (105)	5.2686E-05 (57)	5.0293E-05 (57)
4	5.1943E-05 (195)	4.7256E-05 (150)	4.3983E-05 (135)	4.1256E-05 (136)	3.8931E-05 (136)
5	7.4176E-05 (211)	7.3481E-05 (211)	6.8804E-05 (261)	6.2239E-05 (261)	5.6313E-05 (261)
6	6.0344E-05 (211)	6.2644E-05 (210)	6.2018E-05 (210)	5.8598E-05 (261)	5.4803E-05 (261)
7	7.2002E-05 (309)	7.3291E-05 (309)	6.9619E-05 (298)	6.2496E-05 (316)	6.1288E-05 (316)
8	6.9928E-05 (219)	6.9315E-05 (220)	6.7156E-05 (220)	6.3810E-05 (53)	5.9745E-05 (53)
9	1.0757E-04 (124)	1.0360E-04 (207)	1.0632E-04 (207)	1.0572E-04 (207)	1.0291E-04 (207)
10	9.3070E-05 (242)	8.6044E-05 (242)	8.0942E-05 (181)	7.9084E-05 (181)	7.5411E-05 (181)
11	5.2291E-05 (131)	5.3990E-05 (131)	5.2640E-05 (131)	4.9694E-05 (131)	4.6075E-05 (131)
12	3.1602E-05 (143)	3.6062E-05 (231)	3.8617E-05 (231)	3.8569E-05 (231)	3.7242E-05 (231)
13	5.6402E-05 (184)	5.2739E-05 (184)	4.8418E-05 (184)	4.4157E-05 (184)	4.3980E-05 (303)
14	2.8994E-05 (249)	3.4525E-05 (194)	3.5797E-05 (194)	3.4810E-05 (194)	3.2823E-05 (194)
15	2.4920E-05 (194)	2.7929E-05 (146)	2.9135E-05 (146)	2.8890E-05 (146)	2.7277E-05 (194)
16	2.3154E-05 (216)	2.7879E-05 (216)	2.9806E-05 (216)	2.9785E-05 (216)	2.8661E-05 (216)
17	2.8353E-05 (363)	3.3692E-05 (45)	3.6332E-05 (45)	3.6246E-05 (45)	3.4746E-05 (45)
18	3.4807E-05 (263)	3.4749E-05 (19)	3.3853E-05 (45)	3.4426E-05 (45)	3.3618E-05 (45)
19	3.1634E-05 (189)	3.2490E-05 (239)	3.1165E-05 (19)	2.9249E-05 (19)	2.7881E-05 (208)
20	4.1571E-05 (189)	3.9528E-05 (336)	4.1471E-05 (252)	3.8587E-05 (83)	3.9848E-05 (83)
21	5.6443E-05 (189)	4.5255E-05 (189)	4.0441E-05 (256)	3.9169E-05 (256)	3.7018E-05 (256)
22	3.5607E-05 (252)	3.5800E-05 (288)	4.0012E-05 (288)	3.9199E-05 (189)	3.7192E-05 (86)
23	4.3632E-05 (156)	4.1928E-05 (266)	4.1786E-05 (266)	3.8388E-05 (158)	3.6138E-05 (279)
24	4.6403E-05 (156)	4.5669E-05 (158)	4.8617E-05 (192)	5.1456E-05 (192)	5.2084E-05 (192)
25	5.3181E-05 (265)	5.7996E-05 (157)	5.8436E-05 (157)	5.6298E-05 (157)	5.2907E-05 (157)
26	6.8987E-05 (257)	8.0613E-05 (265)	8.2102E-05 (265)	8.0086E-05 (265)	7.6301E-05 (265)
27	4.8916E-05 (310)	5.7742E-05 (207)	5.7651E-05 (207)	5.9518E-05 (207)	5.9539E-05 (207)
28	4.7004E-05 (197)	4.9277E-05 (339)	5.1147E-05 (339)	5.0925E-05 (339)	4.9397E-05 (339)
29	5.3755E-05 (197)	5.9690E-05 (101)	6.2540E-05 (101)	6.2193E-05 (101)	6.0243E-05 (101)
30	4.4886E-05 (228)	4.8150E-05 (345)	4.8139E-05 (345)	4.6597E-05 (345)	4.5970E-05 (185)
31	4.2837E-05 (196)	4.5448E-05 (241)	4.7626E-05 (241)	4.8379E-05 (241)	4.8154E-05 (241)
32	4.6073E-05 (61)	5.3445E-05 (364)	5.4376E-05 (307)	5.3342E-05 (61)	5.1086E-05 (61)
33	4.8681E-05 (314)	5.1721E-05 (12)	5.8082E-05 (12)	6.0418E-05 (12)	6.0142E-05 (12)
34	3.4637E-05 (314)	3.5675E-05 (314)	3.4320E-05 (314)	3.3922E-05 (211)	3.3497E-05 (211)
35	2.9944E-05 (213)	3.1382E-05 (213)	3.3671E-05 (319)	3.2654E-05 (87)	3.1102E-05 (87)
36	3.8323E-05 (136)	3.7795E-05 (136)	3.8917E-05 (196)	3.6678E-05 (64)	3.6931E-05 (341)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 5.5763E-04 DIRECTION= 9 DISTANCE= 3.0 KM DAY=124 TIME PERIOD= 4

YEAR= 72

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	2.9532E-04 (196, 4)	3.1439E-04 (107, 4)	3.1431E-04 (113, 4)	2.9665E-04 (113, 4)	2.7457E-04 (113, 4)
2	2.8765E-04 (215, 4)	2.9853E-04 (57, 4)	3.2025E-04 (57, 4)	3.2238E-04 (57, 4)	3.1302E-04 (57, 4)
3	3.2371E-04 (135, 5)	3.0687E-04 (57, 5)	2.9399E-04 (135, 5)	2.8232E-04 (149, 5)	2.7184E-04 (149, 5)
4	3.4468E-04 (102, 5)	3.0212E-04 (110, 5)	2.8546E-04 (110, 5)	2.7289E-04 (98, 4)	2.7669E-04 (98, 4)
5	3.8773E-04 (261, 5)	3.4203E-04 (261, 5)	3.2625E-04 (150, 4)	2.8758E-04 (111, 5)	2.8114E-04 (211, 6)
6	3.9209E-04 (261, 5)	3.5452E-04 (210, 6)	3.0569E-04 (194, 4)	2.9612E-04 (85, 4)	2.9619E-04 (359, 5)
7	4.0280E-04 (309, 5)	4.3256E-04 (309, 5)	3.9405E-04 (298, 5)	3.5260E-04 (298, 5)	3.1680E-04 (138, 4)
8	3.4268E-04 (220, 4)	3.3842E-04 (290, 4)	3.3855E-04 (290, 4)	3.3059E-04 (290, 4)	3.1847E-04 (290, 4)
9	5.5763E-04 (124, 4)	5.3310E-04 (124, 4)	4.9135E-04 (124, 4)	4.5566E-04 (183, 4)	4.3020E-04 (207, 4)
10	4.5015E-04 (242, 4)	4.2689E-04 (303, 4)	4.0305E-04 (303, 4)	3.7276E-04 (303, 4)	3.4292E-04 (303, 4)
11	2.5657E-04 (184, 4)	2.6316E-04 (131, 6)	2.5980E-04 (222, 5)	2.5085E-04 (222, 5)	2.3591E-04 (222, 5)
12	2.0215E-04 (97, 5)	2.2195E-04 (97, 5)	2.2308E-04 (97, 5)	2.2317E-04 (250, 4)	2.2310E-04 (245, 6)
13	3.0094E-04 (146, 4)	3.2973E-04 (146, 4)	3.3175E-04 (146, 4)	3.1909E-04 (146, 4)	2.9953E-04 (146, 4)
14	2.3195E-04 (249, 6)	2.7620E-04 (194, 3)	2.8637E-04 (194, 3)	2.7848E-04 (194, 3)	2.6258E-04 (194, 3)
15	1.9194E-04 (198, 6)	1.8778E-04 (362, 5)	1.7925E-04 (362, 5)	1.6844E-04 (109, 6)	1.6581E-04 (109, 6)
16	1.8523E-04 (216, 4)	2.2303E-04 (216, 4)	2.3845E-04 (216, 4)	2.3828E-04 (216, 4)	2.2487E-04 (263, 4)
17	2.2683E-04 (363, 5)	2.6625E-04 (45, 5)	2.8713E-04 (45, 5)	2.8648E-04 (45, 5)	2.7465E-04 (45, 5)
18	2.6489E-04 (59, 4)	2.5716E-04 (59, 4)	2.5677E-04 (363, 5)	2.4376E-04 (147, 4)	2.6181E-04 (147, 4)
19	1.7712E-04 (252, 5)	1.7006E-04 (19, 4)	1.8352E-04 (313, 5)	1.9817E-04 (208, 5)	2.2305E-04 (208, 5)
20	2.0208E-04 (252, 4)	1.8680E-04 (256, 5)	1.7572E-04 (256, 5)	1.8341E-04 (83, 3)	1.9471E-04 (83, 3)
21	2.5873E-04 (189, 4)	2.5367E-04 (157, 6)	2.6047E-04 (288, 5)	2.6915E-04 (288, 5)	2.6472E-04 (288, 5)
22	2.5600E-04 (283, 4)	2.4030E-04 (189, 4)	2.3289E-04 (122, 5)	2.2254E-04 (283, 4)	2.0322E-04 (283, 4)
23	2.1265E-04 (217, 4)	2.1036E-04 (266, 5)	2.2846E-04 (342, 5)	2.3682E-04 (163, 4)	2.3612E-04 (342, 5)
24	2.7041E-04 (186, 4)	2.3647E-04 (186, 4)	2.5733E-04 (192, 3)	2.3569E-04 (158, 5)	2.2213E-04 (52, 4)
25	2.8236E-04 (226, 4)	3.0348E-04 (226, 4)	3.0662E-04 (226, 4)	2.9962E-04 (226, 4)	2.8715E-04 (226, 4)
26	3.4676E-04 (247, 4)	3.0146E-04 (247, 4)	2.7303E-04 (246, 4)	2.5489E-04 (246, 4)	2.4738E-04 (157, 3)
27	3.1330E-04 (247, 4)	2.8173E-04 (247, 4)	2.8444E-04 (257, 4)	2.7899E-04 (257, 4)	2.6666E-04 (257, 4)
28	3.1570E-04 (230, 4)	3.6282E-04 (197, 3)	3.5045E-04 (197, 3)	3.4442E-04 (297, 4)	3.2968E-04 (297, 4)
29	2.6747E-04 (197, 3)	2.6308E-04 (197, 3)	2.5391E-04 (253, 4)	2.4361E-04 (163, 4)	2.2256E-04 (198, 3)
30	3.2532E-04 (228, 3)	3.3105E-04 (345, 4)	3.4130E-04 (1, 4)	3.5119E-04 (1, 4)	3.4612E-04 (1, 4)
31	2.3886E-04 (209, 3)	2.4037E-04 (209, 3)	2.6494E-04 (332, 5)	2.5562E-04 (241, 4)	2.3855E-04 (241, 4)
32	2.6758E-04 (307, 5)	2.8066E-04 (61, 4)	2.9111E-04 (61, 4)	2.8613E-04 (61, 4)	2.7298E-04 (61, 4)
33	3.1981E-04 (215, 4)	3.9608E-04 (229, 4)	3.6426E-04 (229, 4)	3.3277E-04 (229, 4)	3.3076E-04 (12, 4)
34	2.2602E-04 (59, 4)	2.3989E-04 (314, 4)	2.3072E-04 (314, 4)	2.1505E-04 (314, 4)	2.1917E-04 (308, 3)
35	2.3955E-04 (213, 5)	2.5105E-04 (213, 5)	2.4481E-04 (213, 5)	2.3003E-04 (213, 5)	2.1202E-04 (213, 5)
36	3.0658E-04 (136, 4)	3.0236E-04 (136, 4)	2.8766E-04 (136, 4)	2.9125E-04 (341, 4)	2.6972E-04 (64, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 8.8793E-05 DIRECTION= 8 DISTANCE= 3.0 KM DAY=181

YEAR= 73

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
DIR					
1	3.5444E-05 (149)	3.6740E-05 (149)	3.6787E-05 (193)	3.8564E-05 (193)	3.8801E-05 (193)
2	4.6583E-05 (147)	4.7783E-05 (159)	5.0238E-05 (71)	5.0577E-05 (159)	4.8794E-05 (159)
3	5.4007E-05 (215)	4.9889E-05 (269)	4.8610E-05 (123)	4.7926E-05 (123)	4.3925E-05 (151)
4	5.1436E-05 (182)	4.5587E-05 (173)	4.3621E-05 (173)	4.1136E-05 (173)	3.8486E-05 (173)
5	7.8346E-05 (192)	7.6364E-05 (192)	7.3040E-05 (182)	6.6966E-05 (192)	6.1607E-05 (192)
6	7.5668E-05 (209)	7.3518E-05 (209)	7.0749E-05 (209)	6.7961E-05 (209)	6.5342E-05 (209)
7	8.3623E-05 (181)	8.0175E-05 (181)	7.5751E-05 (181)	7.0810E-05 (185)	6.3981E-05 (185)
8	8.8793E-05 (181)	8.1505E-05 (181)	7.3089E-05 (181)	6.8820E-05 (253)	6.6280E-05 (253)
9	8.6812E-05 (180)	8.7932E-05 (152)	7.9170E-05 (152)	7.0763E-05 (152)	6.3309E-05 (152)
10	6.5068E-05 (140)	6.6614E-05 (132)	6.3611E-05 (132)	5.9702E-05 (132)	5.5550E-05 (132)
11	5.3910E-05 (169)	4.9205E-05 (208)	4.8863E-05 (263)	4.7360E-05 (169)	4.4656E-05 (169)
12	3.6279E-05 (124)	4.1237E-05 (124)	4.2623E-05 (124)	4.2557E-05 (138)	4.2699E-05 (138)
13	2.0926E-05 (124)	2.3806E-05 (124)	2.5901E-05 (135)	2.7688E-05 (135)	2.8557E-05 (135)
14	3.3648E-05 (103)	3.7116E-05 (169)	3.7618E-05 (169)	3.6376E-05 (169)	3.4288E-05 (169)
15	2.9798E-05 (103)	3.2179E-05 (47)	3.6159E-05 (47)	3.7954E-05 (47)	3.8276E-05 (47)
16	4.0629E-05 (95)	4.7866E-05 (182)	4.6782E-05 (356)	4.4409E-05 (356)	4.1756E-05 (356)
17	4.1294E-05 (119)	3.5982E-05 (119)	3.6075E-05 (188)	3.4117E-05 (182)	3.2866E-05 (182)
18	4.3446E-05 (103)	4.6872E-05 (103)	4.7358E-05 (103)	4.6058E-05 (103)	4.3791E-05 (103)
19	3.4509E-05 (305)	3.6269E-05 (305)	3.6618E-05 (268)	3.7277E-05 (305)	3.6799E-05 (305)
20	5.3048E-05 (183)	4.7512E-05 (183)	4.1195E-05 (183)	4.4233E-05 (268)	4.2503E-05 (233)
21	7.5936E-05 (233)	6.7171E-05 (233)	6.7250E-05 (305)	6.9351E-05 (221)	6.7948E-05 (221)
22	5.7373E-05 (221)	5.5225E-05 (221)	5.3088E-05 (125)	5.1124E-05 (125)	4.8072E-05 (233)
23	6.5777E-05 (191)	5.9359E-05 (191)	5.3811E-05 (191)	4.9067E-05 (191)	4.4991E-05 (191)
24	5.1856E-05 (183)	5.8840E-05 (240)	6.1370E-05 (59)	6.2097E-05 (59)	6.0520E-05 (59)
25	6.4359E-05 (260)	6.6740E-05 (260)	7.4425E-05 (321)	7.7832E-05 (321)	7.3958E-05 (240)
26	6.3615E-05 (154)	6.9687E-05 (82)	7.7004E-05 (336)	8.1502E-05 (336)	8.2499E-05 (336)
27	5.4655E-05 (287)	5.6645E-05 (154)	5.2510E-05 (154)	4.8280E-05 (154)	4.7056E-05 (336)
28	5.9013E-05 (239)	5.3205E-05 (239)	5.4228E-05 (286)	5.1874E-05 (158)	4.6327E-05 (158)
29	6.3740E-05 (238)	6.5067E-05 (238)	6.2763E-05 (239)	6.1274E-05 (238)	5.8158E-05 (238)
30	5.5979E-05 (202)	5.8761E-05 (202)	5.8886E-05 (202)	5.8464E-05 (244)	5.8111E-05 (244)
31	4.1757E-05 (322)	4.5686E-05 (322)	4.6127E-05 (322)	4.4540E-05 (322)	4.2753E-05 (160)
32	6.5382E-05 (224)	6.2046E-05 (322)	6.0291E-05 (322)	5.6792E-05 (322)	5.2633E-05 (322)
33	7.4061E-05 (217)	7.0114E-05 (217)	6.4470E-05 (217)	5.8832E-05 (217)	5.3658E-05 (217)
34	5.9586E-05 (202)	5.8385E-05 (202)	5.4699E-05 (202)	5.0097E-05 (202)	4.5402E-05 (202)
35	4.9573E-05 (177)	4.6931E-05 (177)	4.4526E-05 (163)	4.0356E-05 (163)	3.7197E-05 (40)
36	4.7255E-05 (160)	4.1915E-05 (194)	4.3392E-05 (194)	4.2570E-05 (194)	4.0528E-05 (194)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 5.1192E-04 DIRECTION= 8 DISTANCE= 3.0 KM DAY=181 TIME PERIOD= 4

YEAR= 73

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	2.0826E-04 (39, 4)	2.4107E-04 (39, 4)	2.5170E-04 (39, 4)	2.4906E-04 (39, 4)	2.3963E-04 (39, 4)
2	2.8871E-04 (151, 4)	2.9076E-04 (71, 5)	3.1948E-04 (71, 5)	3.2746E-04 (71, 5)	3.2227E-04 (71, 5)
3	3.8444E-04 (151, 5)	3.3518E-04 (151, 5)	3.0356E-04 (123, 4)	3.0038E-04 (123, 4)	2.8778E-04 (123, 4)
4	2.8800E-04 (165, 4)	2.9221E-04 (194, 4)	2.9804E-04 (194, 4)	2.9518E-04 (194, 4)	2.8712E-04 (194, 4)
5	4.0414E-04 (313, 4)	4.3474E-04 (313, 4)	3.9678E-04 (182, 4)	3.6074E-04 (182, 4)	3.3056E-04 (182, 4)
6	3.4885E-04 (201, 5)	3.5219E-04 (309, 4)	3.7801E-04 (140, 3)	3.7974E-04 (235, 5)	3.6304E-04 (235, 5)
7	4.0606E-04 (209, 4)	3.7238E-04 (185, 4)	3.3810E-04 (185, 4)	3.0501E-04 (185, 4)	2.8222E-04 (219, 4)
8	5.1192E-04 (181, 4)	4.8338E-04 (181, 4)	4.4273E-04 (181, 4)	4.0161E-04 (181, 4)	3.6476E-04 (181, 4)
9	3.8550E-04 (152, 4)	3.8828E-04 (66, 5)	4.2339E-04 (180, 3)	4.4461E-04 (180, 3)	4.4729E-04 (180, 3)
10	3.3204E-04 (140, 4)	3.1779E-04 (208, 4)	2.9763E-04 (140, 4)	2.7915E-04 (196, 5)	2.5653E-04 (196, 5)
11	2.9264E-04 (235, 6)	3.2942E-04 (235, 6)	3.4281E-04 (208, 4)	3.0026E-04 (208, 4)	2.7862E-04 (166, 3)
12	2.5112E-04 (100, 4)	2.3167E-04 (135, 3)	2.2580E-04 (135, 3)	2.3116E-04 (100, 4)	2.1175E-04 (100, 4)
13	1.6334E-04 (259, 4)	1.8417E-04 (135, 3)	1.9150E-04 (124, 5)	1.8713E-04 (124, 5)	1.7748E-04 (124, 5)
14	2.4616E-04 (103, 5)	2.6522E-04 (175, 5)	2.7044E-04 (175, 5)	2.6235E-04 (175, 5)	2.4762E-04 (175, 5)
15	2.3818E-04 (103, 5)	2.5743E-04 (47, 4)	2.7195E-04 (118, 4)	2.5504E-04 (118, 4)	2.3534E-04 (118, 4)
16	2.2008E-04 (182, 4)	2.6478E-04 (182, 4)	2.6890E-04 (356, 5)	2.4578E-04 (356, 5)	2.5545E-04 (188, 4)
17	2.3808E-04 (53, 4)	2.5020E-04 (53, 4)	2.5197E-04 (53, 4)	2.4772E-04 (53, 4)	2.4167E-04 (323, 4)
18	2.7102E-04 (103, 4)	2.9681E-04 (131, 4)	2.6296E-04 (131, 4)	2.7335E-04 (14, 4)	2.7430E-04 (14, 4)
19	2.2397E-04 (42, 5)	2.6334E-04 (42, 5)	2.6423E-04 (103, 4)	2.5347E-04 (268, 5)	2.4648E-04 (268, 5)
20	2.3419E-04 (305, 4)	2.2870E-04 (305, 4)	2.3377E-04 (233, 5)	2.2276E-04 (268, 3)	2.4753E-04 (268, 3)
21	3.1540E-04 (233, 5)	3.3886E-04 (305, 4)	2.9753E-04 (183, 4)	2.5987E-04 (30, 4)	2.5453E-04 (221, 6)
22	4.0443E-04 (78, 4)	3.7816E-04 (233, 4)	3.3551E-04 (125, 4)	3.1449E-04 (125, 4)	2.9144E-04 (125, 4)
23	2.9820E-04 (221, 5)	2.6338E-04 (125, 4)	2.2945E-04 (125, 4)	2.3026E-04 (102, 4)	2.4242E-04 (346, 4)
24	2.4300E-04 (310, 4)	2.7920E-04 (310, 4)	2.9681E-04 (120, 4)	2.8775E-04 (310, 4)	2.7769E-04 (310, 4)
25	3.2570E-04 (352, 4)	3.7344E-04 (352, 4)	3.9161E-04 (240, 5)	3.6800E-04 (240, 5)	3.4157E-04 (240, 5)
26	2.6019E-04 (229, 3)	3.4100E-04 (229, 3)	3.6445E-04 (336, 5)	3.7764E-04 (336, 5)	3.7433E-04 (336, 5)
27	3.0000E-04 (242, 5)	2.9193E-04 (158, 4)	2.9816E-04 (317, 4)	2.8812E-04 (242, 5)	2.6595E-04 (242, 5)
28	4.4230E-04 (232, 4)	4.0618E-04 (232, 4)	3.6610E-04 (232, 4)	3.4288E-04 (161, 3)	3.1068E-04 (158, 4)
29	2.4655E-04 (249, 4)	3.0496E-04 (249, 4)	3.3807E-04 (249, 4)	3.4315E-04 (238, 3)	3.3537E-04 (238, 3)
30	2.9524E-04 (106, 4)	3.1521E-04 (106, 4)	3.1161E-04 (106, 4)	2.9873E-04 (121, 5)	2.8242E-04 (121, 5)
31	3.0499E-04 (112, 4)	3.2091E-04 (112, 4)	3.1492E-04 (112, 4)	3.3022E-04 (160, 3)	3.2466E-04 (171, 4)
32	3.3680E-04 (185, 3)	3.1566E-04 (185, 3)	3.1640E-04 (329, 4)	3.3049E-04 (157, 4)	3.0114E-04 (157, 4)
33	3.6306E-04 (224, 5)	3.3381E-04 (217, 4)	3.1200E-04 (61, 5)	3.0349E-04 (61, 5)	2.8724E-04 (61, 5)
34	3.4441E-04 (217, 4)	3.2943E-04 (289, 4)	3.1053E-04 (289, 4)	2.9436E-04 (200, 4)	2.7824E-04 (200, 4)
35	2.4259E-04 (252, 4)	2.4624E-04 (252, 4)	2.5122E-04 (40, 4)	2.3674E-04 (115, 4)	2.3260E-04 (115, 4)
36	2.6961E-04 (226, 4)	2.5667E-04 (226, 4)	2.3502E-04 (226, 4)	2.1261E-04 (226, 4)	1.9426E-04 (194, 5)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.1808E-04 DIRECTION= 24 DISTANCE= 4.0 KM DAY=286

YEAR= 74

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	4.4186E-05 (242)	3.7794E-05 (242)	3.4209E-05 (228)	3.2770E-05 (203)	3.1779E-05 (203)
2	4.8968E-05 (127)	5.1265E-05 (127)	5.0465E-05 (127)	4.6079E-05 (207)	4.1002E-05 (207)
3	4.4695E-05 (166)	4.1591E-05 (166)	3.7576E-05 (256)	3.4062E-05 (103)	3.2355E-05 (309)
4	5.1382E-05 (90)	5.5556E-05 (90)	5.6326E-05 (90)	5.5244E-05 (90)	5.3226E-05 (90)
5	5.0781E-05 (234)	5.2788E-05 (157)	5.2703E-05 (158)	4.7122E-05 (158)	4.2348E-05 (229)
6	7.1789E-05 (129)	6.4631E-05 (151)	5.7054E-05 (129)	4.9678E-05 (129)	4.4788E-05 (86)
7	6.4663E-05 (200)	6.1275E-05 (200)	5.6166E-05 (200)	5.2983E-05 (7)	5.0153E-05 (7)
8	6.8663E-05 (196)	6.2709E-05 (196)	5.9428E-05 (315)	5.9600E-05 (315)	5.5620E-05 (163)
9	9.4486E-05 (230)	1.0552E-04 (230)	1.0759E-04 (230)	1.0457E-04 (230)	9.9042E-05 (230)
10	7.2191E-05 (231)	7.6814E-05 (231)	7.5338E-05 (231)	7.0846E-05 (231)	6.6135E-05 (192)
11	5.8042E-05 (192)	6.6624E-05 (192)	6.9808E-05 (192)	6.9406E-05 (192)	6.6915E-05 (192)
12	4.1629E-05 (200)	4.6118E-05 (200)	4.6965E-05 (200)	4.5637E-05 (200)	4.3191E-05 (200)
13	2.8606E-05 (211)	2.4896E-05 (211)	2.2961E-05 (99)	2.3567E-05 (222)	2.3380E-05 (222)
14	1.7432E-05 (211)	2.0815E-05 (222)	2.2984E-05 (222)	2.3560E-05 (222)	2.3127E-05 (222)
15	2.4072E-05 (99)	2.4479E-05 (265)	2.2591E-05 (96)	2.3081E-05 (96)	2.3765E-05 (96)
16	3.9432E-05 (338)	4.3291E-05 (338)	4.4639E-05 (338)	4.4449E-05 (338)	4.3468E-05 (338)
17	3.7653E-05 (338)	3.6157E-05 (282)	3.2675E-05 (282)	2.8897E-05 (282)	2.9438E-05 (317)
18	4.3094E-05 (108)	4.0496E-05 (108)	4.1477E-05 (332)	4.1062E-05 (332)	3.9463E-05 (332)
19	2.9776E-05 (122)	3.3681E-05 (332)	3.3678E-05 (311)	3.4688E-05 (332)	3.3103E-05 (332)
20	3.9790E-05 (311)	4.4153E-05 (281)	4.5420E-05 (281)	4.4497E-05 (281)	4.2426E-05 (281)
21	4.8537E-05 (264)	5.1892E-05 (264)	5.2472E-05 (264)	5.1151E-05 (264)	4.8717E-05 (264)
22	4.4421E-05 (171)	4.1560E-05 (169)	3.9134E-05 (293)	3.9250E-05 (293)	3.8089E-05 (293)
23	5.2852E-05 (306)	5.8172E-05 (298)	5.8956E-05 (306)	5.7375E-05 (306)	5.4501E-05 (306)
24	8.2933E-05 (284)	1.0582E-04 (284)	1.1808E-04 (286)	1.1534E-04 (286)	1.0997E-04 (286)
25	7.4290E-05 (305)	7.4809E-05 (110)	7.4033E-05 (110)	7.1238E-05 (110)	6.7327E-05 (110)
26	8.6008E-05 (110)	8.4086E-05 (110)	8.1141E-05 (305)	7.5673E-05 (305)	7.0140E-05 (305)
27	8.3388E-05 (110)	7.8235E-05 (110)	7.2549E-05 (171)	6.8038E-05 (116)	6.0668E-05 (116)
28	6.0208E-05 (236)	6.4224E-05 (116)	5.5887E-05 (116)	5.2326E-05 (2)	5.3884E-05 (2)
29	6.5923E-05 (221)	5.9524E-05 (221)	5.4000E-05 (221)	5.2867E-05 (225)	5.2797E-05 (225)
30	5.0653E-05 (237)	5.2887E-05 (67)	5.1933E-05 (67)	4.9141E-05 (67)	4.5592E-05 (67)
31	5.8483E-05 (237)	5.7654E-05 (219)	6.1607E-05 (219)	6.2450E-05 (219)	6.1525E-05 (219)
32	5.6882E-05 (65)	6.9268E-05 (241)	6.3711E-05 (241)	5.8022E-05 (241)	5.2862E-05 (241)
33	6.1385E-05 (97)	5.7514E-05 (226)	5.3513E-05 (226)	5.0703E-05 (63)	4.8591E-05 (63)
34	5.5377E-05 (199)	5.2352E-05 (236)	4.9414E-05 (236)	4.5512E-05 (236)	4.1411E-05 (236)
35	5.2162E-05 (159)	4.4412E-05 (159)	3.8264E-05 (164)	3.6738E-05 (164)	3.4640E-05 (164)
36	3.5525E-05 (221)	3.7941E-05 (210)	3.9802E-05 (359)	3.9361E-05 (210)	3.8954E-05 (161)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 5.2738E-04 DIRECTION= 29 DISTANCE= 3.0 KM DAY=221 TIME PERIOD= 4

YEAR= 74

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	2.9151E-04 (98, 5)	2.8763E-04 (228, 4)	2.7368E-04 (228, 4)	2.5366E-04 (228, 4)	2.4219E-04 (208, 4)
2	3.2364E-04 (310, 4)	3.0064E-04 (310, 4)	2.7711E-04 (6, 5)	2.7756E-04 (324, 4)	2.5244E-04 (207, 5)
3	2.6674E-04 (207, 4)	2.7178E-04 (103, 5)	2.7255E-04 (103, 5)	2.6125E-04 (103, 5)	2.4440E-04 (103, 5)
4	3.6853E-04 (229, 4)	3.5658E-04 (229, 4)	3.3427E-04 (229, 4)	3.0899E-04 (229, 4)	2.8436E-04 (229, 4)
5	3.4459E-04 (188, 4)	3.4578E-04 (157, 4)	3.0733E-04 (188, 4)	2.8015E-04 (188, 4)	2.5539E-04 (188, 4)
6	3.7717E-04 (151, 5)	3.6532E-04 (86, 5)	3.3561E-04 (200, 4)	3.3196E-04 (9, 5)	3.3308E-04 (9, 5)
7	3.7664E-04 (226, 5)	3.3244E-04 (205, 5)	2.9507E-04 (146, 4)	2.9465E-04 (146, 4)	2.8468E-04 (146, 4)
8	3.9068E-04 (223, 5)	3.4806E-04 (196, 4)	3.2495E-04 (315, 5)	3.2939E-04 (145, 4)	3.1315E-04 (145, 4)
9	4.2768E-04 (151, 4)	4.5637E-04 (230, 4)	4.6929E-04 (230, 4)	4.5827E-04 (230, 4)	4.2573E-04 (173, 4)
10	3.3311E-04 (121, 4)	3.3596E-04 (211, 5)	3.3617E-04 (173, 6)	3.4976E-04 (173, 6)	3.4752E-04 (173, 6)
11	3.0036E-04 (200, 5)	2.8858E-04 (200, 5)	2.7655E-04 (192, 3)	2.9413E-04 (192, 3)	2.9743E-04 (192, 3)
12	2.2699E-04 (196, 6)	2.3401E-04 (167, 5)	2.1894E-04 (167, 3)	2.2346E-04 (167, 3)	2.2395E-04 (167, 3)
13	1.9495E-04 (237, 5)	1.8732E-04 (167, 3)	1.7717E-04 (222, 6)	1.7443E-04 (167, 3)	1.7135E-04 (257, 6)
14	1.3899E-04 (211, 4)	1.3921E-04 (99, 4)	1.5383E-04 (226, 6)	1.5529E-04 (99, 5)	1.5051E-04 (239, 6)
15	1.8693E-04 (364, 5)	1.8866E-04 (364, 5)	1.7347E-04 (265, 5)	1.6796E-04 (54, 5)	1.7628E-04 (54, 5)
16	2.0767E-04 (282, 4)	1.8634E-04 (282, 4)	1.7592E-04 (54, 5)	1.9835E-04 (338, 5)	1.8484E-04 (338, 5)
17	1.9582E-04 (282, 5)	2.0680E-04 (338, 4)	2.0280E-04 (317, 5)	2.2531E-04 (317, 5)	2.3492E-04 (317, 5)
18	2.1861E-04 (332, 4)	2.5519E-04 (332, 4)	2.6754E-04 (332, 4)	2.6464E-04 (332, 4)	2.5338E-04 (332, 4)
19	1.6823E-04 (364, 5)	2.1872E-04 (364, 5)	2.3813E-04 (122, 3)	2.2821E-04 (291, 4)	2.4299E-04 (291, 4)
20	2.7291E-04 (282, 4)	2.7048E-04 (282, 4)	2.5662E-04 (282, 4)	2.5465E-04 (282, 5)	2.5214E-04 (282, 5)
21	3.0190E-04 (264, 5)	3.0514E-04 (263, 5)	3.3209E-04 (263, 5)	3.2097E-04 (281, 4)	2.9923E-04 (281, 4)
22	2.8598E-04 (172, 4)	2.8322E-04 (254, 6)	3.0272E-04 (254, 6)	3.0470E-04 (254, 6)	3.0138E-04 (344, 4)
23	2.7147E-04 (339, 4)	2.8886E-04 (306, 5)	2.9370E-04 (171, 6)	2.7809E-04 (171, 6)	2.5893E-04 (171, 6)
24	3.8833E-04 (297, 4)	4.0830E-04 (284, 4)	4.3478E-04 (284, 4)	4.3577E-04 (284, 4)	4.2206E-04 (284, 4)
25	4.2163E-04 (110, 5)	3.7873E-04 (286, 5)	3.4036E-04 (239, 4)	3.2143E-04 (305, 4)	3.0065E-04 (305, 4)
26	3.3100E-04 (110, 4)	2.8114E-04 (110, 4)	2.6060E-04 (109, 4)	2.4605E-04 (303, 4)	2.3646E-04 (303, 4)
27	4.0456E-04 (170, 4)	3.9407E-04 (170, 4)	3.6822E-04 (170, 4)	3.3860E-04 (170, 4)	3.0779E-04 (299, 5)
28	2.6252E-04 (165, 4)	2.5787E-04 (165, 4)	2.4488E-04 (195, 3)	2.6215E-04 (204, 3)	2.6833E-04 (204, 3)
29	5.2738E-04 (221, 4)	4.7619E-04 (221, 4)	4.3200E-04 (221, 4)	3.9414E-04 (221, 4)	3.6161E-04 (221, 4)
30	3.4214E-04 (281, 4)	3.1854E-04 (238, 4)	2.9839E-04 (238, 4)	2.9755E-04 (353, 4)	2.9173E-04 (240, 4)
31	3.3726E-04 (243, 4)	3.1549E-04 (136, 4)	3.2915E-04 (136, 4)	3.0601E-04 (219, 4)	2.9838E-04 (219, 4)
32	4.1133E-04 (64, 4)	4.1925E-04 (64, 4)	4.0343E-04 (64, 4)	3.7757E-04 (64, 4)	3.5069E-04 (187, 4)
33	3.8338E-04 (97, 5)	3.3708E-04 (97, 5)	3.4677E-04 (62, 4)	3.4388E-04 (226, 4)	3.1260E-04 (226, 4)
34	3.7194E-04 (159, 4)	3.7464E-04 (159, 4)	3.4041E-04 (199, 4)	2.9585E-04 (199, 4)	2.5709E-04 (199, 4)
35	3.0607E-04 (230, 5)	2.6937E-04 (242, 4)	2.6716E-04 (242, 4)	2.5621E-04 (242, 4)	2.4111E-04 (242, 4)
36	2.4837E-04 (161, 4)	2.7315E-04 (93, 4)	3.1372E-04 (210, 4)	3.1088E-04 (210, 4)	3.1039E-04 (210, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 9.5133E-05 DIRECTION= 27 DISTANCE= 3.0 KM DAY=248

YEAR= 75

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
DIR					
1	4.7032E-05 (120)	3.9831E-05 (120)	3.9869E-05 (82)	3.8157E-05 (43)	3.7413E-05 (255)
2	6.7215E-05 (92)	6.3283E-05 (92)	6.0436E-05 (91)	5.7663E-05 (91)	5.7492E-05 (19)
3	6.2193E-05 (118)	6.7312E-05 (118)	6.6991E-05 (118)	6.3801E-05 (118)	5.9348E-05 (118)
4	6.0566E-05 (109)	5.7035E-05 (118)	5.6769E-05 (118)	5.5990E-05 (24)	5.3718E-05 (24)
5	7.3205E-05 (137)	7.4916E-05 (161)	6.7208E-05 (161)	6.0058E-05 (161)	5.3525E-05 (161)
6	6.0226E-05 (146)	5.2741E-05 (146)	4.6960E-05 (181)	4.3049E-05 (181)	4.0939E-05 (205)
7	7.5593E-05 (178)	6.7033E-05 (178)	6.1260E-05 (167)	5.5048E-05 (167)	4.9309E-05 (167)
8	7.8688E-05 (185)	7.2704E-05 (185)	6.5591E-05 (185)	5.8593E-05 (185)	5.2233E-05 (185)
9	9.0605E-05 (179)	8.6881E-05 (189)	8.6399E-05 (189)	8.2965E-05 (189)	7.8354E-05 (189)
10	6.7336E-05 (179)	5.9987E-05 (179)	5.5062E-05 (156)	5.1090E-05 (156)	4.6603E-05 (166)
11	4.7235E-05 (177)	4.3341E-05 (177)	4.3194E-05 (170)	4.2480E-05 (170)	4.0493E-05 (170)
12	3.1612E-05 (231)	3.0736E-05 (231)	3.3750E-05 (224)	3.5498E-05 (224)	3.5775E-05 (224)
13	5.7867E-05 (226)	5.3646E-05 (226)	5.3530E-05 (230)	5.2554E-05 (230)	5.0483E-05 (230)
14	4.3827E-05 (328)	4.6623E-05 (328)	4.5469E-05 (244)	4.1528E-05 (244)	3.7809E-05 (244)
15	3.2375E-05 (177)	2.8311E-05 (177)	2.8768E-05 (226)	3.0648E-05 (226)	3.1808E-05 (226)
16	4.0901E-05 (95)	4.0873E-05 (95)	3.7475E-05 (244)	3.3541E-05 (244)	3.0149E-05 (244)
17	3.7235E-05 (105)	4.1411E-05 (105)	4.2104E-05 (105)	4.0800E-05 (105)	3.8506E-05 (105)
18	3.0429E-05 (143)	3.2978E-05 (96)	3.4140E-05 (96)	3.3501E-05 (361)	3.2329E-05 (361)
19	2.6352E-05 (94)	2.5947E-05 (94)	2.4974E-05 (94)	2.3977E-05 (94)	2.3190E-05 (94)
20	4.7923E-05 (106)	4.4433E-05 (106)	4.8366E-05 (256)	5.1985E-05 (256)	5.2603E-05 (256)
21	4.5148E-05 (14)	5.1649E-05 (303)	5.4762E-05 (303)	5.4835E-05 (303)	5.2532E-05 (64)
22	5.5826E-05 (176)	5.6383E-05 (176)	5.6571E-05 (176)	5.6221E-05 (176)	5.5395E-05 (176)
23	4.9832E-05 (175)	5.3797E-05 (175)	5.4123E-05 (175)	5.2470E-05 (175)	4.9867E-05 (175)
24	3.9076E-05 (142)	4.0853E-05 (236)	4.4049E-05 (285)	4.4777E-05 (285)	4.3698E-05 (285)
25	5.0347E-05 (97)	5.3465E-05 (142)	5.4502E-05 (142)	5.2979E-05 (116)	5.1123E-05 (116)
26	7.4105E-05 (253)	8.5039E-05 (247)	7.9055E-05 (247)	7.2115E-05 (247)	6.5299E-05 (247)
27	9.5133E-05 (248)	9.2850E-05 (248)	8.7171E-05 (248)	8.0685E-05 (74)	7.8870E-05 (345)
28	6.7462E-05 (250)	6.4037E-05 (184)	5.7728E-05 (212)	5.5490E-05 (250)	5.2080E-05 (330)
29	5.3536E-05 (250)	4.9121E-05 (251)	4.8768E-05 (251)	4.6586E-05 (251)	4.3595E-05 (251)
30	6.0723E-05 (219)	6.2511E-05 (219)	5.9327E-05 (217)	5.3904E-05 (217)	5.3827E-05 (172)
31	3.6120E-05 (114)	3.7048E-05 (222)	4.0382E-05 (222)	4.1681E-05 (222)	4.1893E-05 (46)
32	5.1148E-05 (258)	5.2520E-05 (108)	5.5594E-05 (108)	5.5813E-05 (108)	5.4183E-05 (274)
33	4.9891E-05 (170)	4.8842E-05 (222)	4.9450E-05 (198)	4.8406E-05 (198)	4.6316E-05 (198)
34	5.5046E-05 (216)	5.2615E-05 (216)	4.7731E-05 (216)	4.2869E-05 (249)	4.0980E-05 (114)
35	4.3358E-05 (147)	4.1944E-05 (169)	4.1740E-05 (169)	4.0062E-05 (334)	3.9324E-05 (334)
36	3.7098E-05 (249)	3.8492E-05 (351)	4.2587E-05 (351)	4.4439E-05 (351)	4.5088E-05 (201)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 4.3105E-04 DIRECTION= 9 DISTANCE= 3.0 KM DAY=166 TIME PERIOD= 5

YEAR= 75

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	3.7626E-04 (120, 4)	3.1864E-04 (120, 4)	3.1869E-04 (82, 4)	2.8268E-04 (99, 5)	2.4403E-04 (99, 5)
2	3.4115E-04 (91, 5)	3.6893E-04 (91, 5)	3.6755E-04 (91, 5)	3.5072E-04 (91, 5)	3.2704E-04 (91, 5)
3	3.7956E-04 (210, 5)	3.5390E-04 (203, 4)	3.2916E-04 (100, 5)	3.2593E-04 (100, 5)	3.0926E-04 (216, 5)
4	3.2961E-04 (109, 5)	3.4105E-04 (203, 4)	3.0816E-04 (130, 5)	3.0164E-04 (130, 5)	2.8673E-04 (130, 5)
5	3.8312E-04 (132, 4)	3.3973E-04 (137, 4)	3.2159E-04 (229, 4)	3.3179E-04 (137, 4)	3.1933E-04 (186, 3)
6	4.0849E-04 (146, 4)	3.5790E-04 (146, 4)	3.0656E-04 (146, 4)	2.6131E-04 (146, 4)	2.3241E-04 (167, 3)
7	3.8379E-04 (181, 5)	3.7280E-04 (80, 5)	3.9388E-04 (80, 5)	3.9191E-04 (80, 5)	3.7691E-04 (80, 5)
8	3.4484E-04 (230, 4)	3.1724E-04 (185, 4)	2.9397E-04 (65, 5)	2.8423E-04 (31, 5)	2.8016E-04 (31, 5)
9	4.3105E-04 (100, 5)	4.1507E-04 (225, 4)	3.8095E-04 (227, 5)	3.5680E-04 (125, 4)	3.4881E-04 (125, 4)
10	3.2710E-04 (206, 4)	3.0165E-04 (328, 4)	2.8039E-04 (115, 5)	2.6718E-04 (44, 4)	2.7022E-04 (44, 4)
11	2.9815E-04 (243, 4)	2.7743E-04 (126, 5)	2.5253E-04 (206, 4)	2.4187E-04 (126, 5)	2.2070E-04 (126, 5)
12	2.2404E-04 (140, 6)	2.3430E-04 (140, 6)	2.3025E-04 (140, 6)	2.1896E-04 (140, 6)	2.0472E-04 (140, 6)
13	2.6328E-04 (226, 4)	2.5183E-04 (226, 4)	2.2957E-04 (226, 4)	2.0645E-04 (226, 4)	1.9411E-04 (291, 4)
14	2.9604E-04 (244, 5)	2.9233E-04 (244, 5)	2.7455E-04 (244, 5)	2.5317E-04 (244, 5)	2.3240E-04 (244, 5)
15	2.0826E-04 (297, 4)	1.9285E-04 (134, 4)	2.0169E-04 (177, 4)	1.8212E-04 (177, 4)	1.6625E-04 (177, 4)
16	2.0127E-04 (244, 5)	1.9194E-04 (65, 4)	1.8562E-04 (105, 4)	1.8013E-04 (62, 5)	1.8154E-04 (62, 5)
17	2.6840E-04 (95, 4)	2.5948E-04 (95, 4)	2.4491E-04 (95, 4)	2.2862E-04 (95, 4)	2.1721E-04 (328, 4)
18	1.9622E-04 (79, 4)	2.0311E-04 (143, 6)	1.9740E-04 (185, 4)	1.9610E-04 (185, 4)	1.9081E-04 (185, 4)
19	2.0625E-04 (94, 4)	2.0190E-04 (94, 4)	1.9122E-04 (94, 4)	1.7829E-04 (94, 4)	1.6519E-04 (94, 4)
20	2.9898E-04 (206, 4)	2.9423E-04 (206, 4)	2.7947E-04 (228, 6)	2.5730E-04 (94, 4)	2.4275E-04 (94, 4)
21	3.3291E-04 (56, 4)	3.5005E-04 (56, 4)	3.4536E-04 (56, 4)	3.3014E-04 (56, 4)	3.1081E-04 (56, 4)
22	2.8508E-04 (141, 4)	2.8252E-04 (141, 4)	2.6600E-04 (141, 4)	2.6518E-04 (116, 3)	2.5654E-04 (116, 3)
23	3.2218E-04 (85, 5)	3.6967E-04 (85, 5)	3.7859E-04 (181, 4)	3.7567E-04 (181, 4)	3.5876E-04 (85, 5)
24	2.9039E-04 (247, 5)	2.5921E-04 (247, 5)	2.5922E-04 (285, 5)	2.6321E-04 (285, 5)	2.5682E-04 (285, 5)
25	3.6925E-04 (116, 4)	3.2114E-04 (116, 4)	3.0270E-04 (276, 4)	3.0154E-04 (112, 3)	3.0196E-04 (112, 3)
26	3.8391E-04 (247, 4)	3.3584E-04 (142, 4)	3.1375E-04 (286, 5)	3.0696E-04 (142, 4)	2.8471E-04 (16, 4)
27	3.6010E-04 (248, 5)	3.4625E-04 (284, 4)	3.3649E-04 (284, 4)	3.4372E-04 (322, 5)	3.1362E-04 (247, 4)
28	2.8886E-04 (286, 4)	3.0954E-04 (212, 3)	3.0988E-04 (86, 5)	3.1499E-04 (86, 5)	3.0809E-04 (86, 5)
29	2.9349E-04 (217, 4)	2.5122E-04 (217, 4)	2.6544E-04 (217, 3)	2.9217E-04 (217, 3)	2.9070E-04 (132, 3)
30	3.8088E-04 (219, 4)	3.6413E-04 (219, 4)	3.6687E-04 (162, 3)	3.8032E-04 (162, 3)	3.8326E-04 (162, 3)
31	2.7407E-04 (35, 4)	2.8370E-04 (35, 4)	3.0093E-04 (222, 5)	3.0817E-04 (340, 5)	3.0479E-04 (168, 3)
32	3.0987E-04 (168, 4)	3.0284E-04 (281, 4)	3.2682E-04 (130, 4)	3.3932E-04 (130, 4)	3.3691E-04 (130, 4)
33	3.9477E-04 (114, 5)	3.5490E-04 (274, 4)	3.2986E-04 (218, 4)	3.0636E-04 (28, 4)	3.0217E-04 (274, 4)
34	3.8494E-04 (216, 4)	3.5008E-04 (216, 4)	3.0790E-04 (216, 4)	2.7879E-04 (152, 3)	2.6011E-04 (114, 5)
35	2.3846E-04 (260, 4)	2.2026E-04 (260, 4)	2.0064E-04 (260, 4)	1.9044E-04 (136, 4)	1.9157E-04 (172, 4)
36	2.5026E-04 (120, 4)	2.4769E-04 (205, 4)	2.8653E-04 (9, 4)	3.1505E-04 (9, 4)	3.1734E-04 (202, 4)

COMPOSITE HIGHEST,SECOND-HIGHEST 24-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	50.	60.	63.	60.	56.
2	67.	63.	64.	64.	61.
3	62.	67.	67.	64.	59.
4	61.	57.	57.	56.	54.
5	78.	76.	73.	67.	62.
6	76.	74.	71.	68.	65.
7	84.	80.	76.	71.	64.
8	89.	82.	73.	69.	66.
9	116.	109.	108.	106.	103.
10	93.	86.	81.	79.	75.
11	58.	67.	70.	69.	67.
12	54.	62.	60.	52.	45.
13	58.	54.	54.	53.	50.
14	44.	47.	45.	42.	38.
15	38.	38.	42.	43.	42.
16	41.	48.	47.	44.	43.
17	41.	41.	42.	41.	39.
18	43.	47.	47.	46.	44.
19	35.	36.	37.	37.	37.
20	53.	48.	48.	52.	53.
21	76.	67.	67.	69.	68.
22	57.	56.	57.	56.	55.
23	66.	59.	59.	57.	55.
24	83.	106.	118.	115.	110.
25	74.	75.	74.	78.	74.
26	86.	85.	82.	82.	82.
27	95.	93.	87.	81.	79.
28	68.	70.	70.	67.	63.
29	66.	65.	63.	62.	60.
30	61.	63.	59.	58.	58.
31	58.	58.	62.	62.	62.
32	65.	69.	64.	58.	54.
33	75.	70.	65.	64.	63.
34	61.	67.	64.	59.	54.
35	62.	56.	50.	44.	39.
36	67.	60.	53.	47.	45.

COMPOSITE HIGHEST, SECOND-HIGHEST 3-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	376.	319.	319.	297.	275.
2	341.	369.	368.	351.	327.
3	384.	354.	329.	326.	309.
4	369.	357.	334.	309.	287.
5	404.	435.	397.	361.	331.
6	408.	365.	378.	380.	363.
7	406.	433.	394.	392.	377.
8	512.	483.	443.	402.	365.
9	558.	533.	491.	458.	407.
10	450.	427.	403.	373.	348.
11	300.	329.	343.	300.	297.
12	283.	332.	298.	257.	229.
13	301.	330.	332.	319.	300.
14	296.	292.	286.	278.	271.
15	251.	280.	302.	278.	261.
16	243.	287.	304.	291.	275.
17	268.	266.	287.	286.	275.
18	271.	297.	268.	273.	274.
19	224.	263.	264.	253.	246.
20	299.	294.	279.	257.	252.
21	333.	350.	345.	330.	311.
22	404.	378.	336.	314.	301.
23	329.	370.	379.	376.	359.
24	388.	408.	435.	436.	422.
25	422.	379.	392.	368.	342.
26	384.	341.	364.	378.	374.
27	405.	394.	368.	344.	314.
28	442.	406.	366.	344.	330.
29	527.	476.	432.	394.	362.
30	381.	364.	367.	380.	383.
31	337.	321.	329.	330.	325.
32	411.	419.	403.	378.	351.
33	395.	396.	393.	388.	370.
34	385.	375.	356.	359.	367.
35	403.	346.	293.	256.	241.
36	402.	364.	323.	315.	317.

RING DISTANCES(KM)= 5.50 6.00 7.00 20.80 53.20

STACK # 1--TECO 1 100% 31.5T/H SO2
STACK # 2--TECO 4 100% ~~31.5~~ 1.2 T/H SO2

STACK	MONTH	EMISSION RATE (GMS/SEC)	HEIGHT (METERS)	DIAMETER (METERS)	EXIT VELOCITY (M/SEC)	TEMP (DEG.K)	VOLUMETRIC FLOW (MA*3/SEC)
1	ALL	2637.9399	149.40	7.32	14.30	422.00	601.79
2	ALL	709.4299	149.40	7.32	20.00	342.00	841.67

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 8.2192E-05 DIRECTION= 9 DISTANCE= 5.5 KM DAY=167

YEAR= 71

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	3.3615E-05 (113)	3.0968E-05 (229)	2.8731E-05 (239)	2.4330E-05 (38)	1.2593E-05 (113)
2	5.3373E-05 (331)	5.0077E-05 (331)	4.3854E-05 (331)	3.0638E-05 (30)	1.4547E-05 (61)
3	4.5364E-05 (205)	4.1850E-05 (205)	3.5610E-05 (205)	1.6267E-05 (112)	1.0368E-05 (111)
4	4.1817E-05 (127)	3.9510E-05 (127)	3.4450E-05 (127)	1.2021E-05 (114)	7.0280E-06 (180)
5	3.9982E-05 (219)	3.7887E-05 (219)	3.4477E-05 (211)	1.4948E-05 (205)	1.0970E-05 (92)
6	3.5641E-05 (224)	3.4954E-05 (224)	3.2643E-05 (224)	3.1369E-05 (114)	1.4190E-05 (118)
7	5.1700E-05 (224)	4.9295E-05 (224)	4.4152E-05 (224)	1.7014E-05 (201)	9.8913E-06 (117)
8	4.3685E-05 (139)	3.9970E-05 (232)	3.7665E-05 (256)	2.1547E-05 (167)	1.1390E-05 (256)
9	8.2192E-05 (167)	7.7632E-05 (128)	6.8051E-05 (256)	4.5445E-05 (167)	2.0536E-05 (166)
10	5.7795E-05 (161)	5.5078E-05 (161)	4.9719E-05 (161)	2.8703E-05 (195)	1.5165E-05 (195)
11	4.0132E-05 (196)	3.8376E-05 (197)	3.2397E-05 (197)	2.1539E-05 (44)	9.5637E-06 (325)
12	4.0001E-05 (198)	3.5671E-05 (198)	3.4085E-05 (123)	2.9202E-05 (123)	1.3133E-05 (44)
13	3.8927E-05 (198)	3.5391E-05 (198)	3.1035E-05 (123)	1.6723E-05 (141)	1.1183E-05 (79)
14	3.3467E-05 (222)	3.1530E-05 (199)	2.8008E-05 (199)	1.9806E-05 (63)	1.0372E-05 (19)
15	4.0185E-05 (221)	3.7955E-05 (221)	3.3145E-05 (221)	2.3321E-05 (121)	1.1539E-05 (299)
16	3.6986E-05 (222)	3.5569E-05 (222)	3.2246E-05 (222)	2.0409E-05 (121)	1.1479E-05 (76)
17	2.8996E-05 (181)	3.0349E-05 (181)	2.6855E-05 (317)	1.5240E-05 (19)	6.5141E-06 (67)
18	3.3869E-05 (316)	3.2117E-05 (316)	2.8483E-05 (316)	1.7619E-05 (89)	1.0091E-05 (89)
19	2.5041E-05 (99)	2.4833E-05 (20)	2.2692E-05 (275)	2.1077E-05 (67)	1.1240E-05 (314)
20	2.5959E-05 (334)	2.5312E-05 (334)	2.3192E-05 (334)	1.5137E-05 (41)	8.6178E-06 (329)
21	4.6700E-05 (334)	4.5603E-05 (329)	4.2476E-05 (329)	2.7260E-05 (356)	1.5155E-05 (356)
22	3.4749E-05 (47)	3.2559E-05 (47)	2.9418E-05 (47)	2.7295E-05 (356)	1.4298E-05 (301)
23	4.1817E-05 (272)	3.9599E-05 (271)	3.6499E-05 (271)	3.9888E-05 (292)	1.8761E-05 (292)
24	4.8146E-05 (156)	4.3689E-05 (156)	4.1085E-05 (311)	3.3665E-05 (319)	2.3624E-05 (319)
25	4.2188E-05 (285)	3.9636E-05 (285)	3.4984E-05 (285)	2.3522E-05 (156)	1.4100E-05 (156)
26	4.3703E-05 (267)	4.0969E-05 (267)	3.5328E-05 (267)	3.2439E-05 (33)	1.5431E-05 (33)
27	6.7086E-05 (190)	6.2853E-05 (101)	5.4203E-05 (101)	3.0141E-05 (49)	1.5950E-05 (49)
28	5.8535E-05 (101)	5.4451E-05 (101)	4.7116E-05 (101)	2.3464E-05 (327)	1.4124E-05 (244)
29	5.3177E-05 (188)	5.1214E-05 (214)	4.5766E-05 (214)	2.6404E-05 (305)	1.5285E-05 (231)
30	5.2358E-05 (210)	5.0059E-05 (210)	4.5010E-05 (210)	2.8395E-05 (3)	2.1078E-05 (353)
31	3.8326E-05 (182)	3.6492E-05 (182)	3.2764E-05 (346)	2.2590E-05 (242)	1.4280E-05 (261)
32	4.0107E-05 (2)	3.7414E-05 (2)	3.3055E-05 (139)	1.6607E-05 (345)	9.2128E-06 (132)
33	6.0548E-05 (363)	5.7622E-05 (363)	5.1076E-05 (363)	3.0421E-05 (332)	1.8032E-05 (205)
34	4.9824E-05 (259)	4.5661E-05 (259)	4.1032E-05 (200)	1.5457E-05 (157)	1.1574E-05 (59)
35	3.4060E-05 (211)	3.1235E-05 (229)	2.6829E-05 (260)	1.1552E-05 (252)	9.4868E-06 (255)
36	3.8582E-05 (179)	3.8095E-05 (179)	3.5906E-05 (179)	2.6325E-05 (228)	1.8544E-05 (228)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MA*3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 3.7946E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=256 TIME PERIOD= 4

YEAR= 71

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	1.9302E-04 (239, 4)	2.1047E-04 (239, 4)	1.8579E-04 (92, 4)	1.1944E-04 (239, 4)	6.2788E-05 (201, 4)
2	2.8425E-04 (25, 4)	2.6883E-04 (25, 4)	2.3840E-04 (297, 4)	1.1374E-04 (30, 6)	5.5042E-05 (53, 6)
3	2.6233E-04 (331, 4)	2.4892E-04 (331, 4)	2.1908E-04 (331, 4)	8.9344E-05 (88, 4)	5.5550E-05 (112, 2)
4	2.6529E-04 (131, 4)	2.4691E-04 (131, 4)	2.1033E-04 (131, 4)	8.5687E-05 (85, 4)	4.3359E-05 (114, 1)
5	2.8460E-04 (205, 6)	2.8795E-04 (219, 6)	2.5509E-04 (219, 6)	9.0164E-05 (205, 6)	5.0861E-05 (118, 8)
6	2.4890E-04 (224, 4)	2.4098E-04 (159, 4)	2.0957E-04 (159, 4)	8.6300E-05 (224, 4)	6.8195E-05 (60, 7)
7	3.0108E-04 (229, 6)	2.9317E-04 (224, 4)	2.6760E-04 (224, 4)	1.0831E-04 (229, 6)	4.7203E-05 (229, 6)
8	3.3548E-04 (232, 5)	3.1935E-04 (232, 5)	2.8150E-04 (232, 5)	8.1984E-05 (167, 2)	5.3834E-05 (344, 6)
9	3.7946E-04 (256, 4)	3.5878E-04 (256, 4)	3.1544E-04 (256, 4)	1.4219E-04 (200, 6)	7.7505E-05 (229, 7)
10	3.0787E-04 (298, 4)	2.9876E-04 (298, 4)	2.7529E-04 (168, 4)	1.3263E-04 (298, 4)	6.2549E-05 (172, 8)
11	2.1303E-04 (192, 5)	1.9302E-04 (192, 5)	1.6292E-04 (220, 6)	8.6845E-05 (183, 3)	5.0292E-05 (346, 6)
12	2.2040E-04 (317, 4)	2.0942E-04 (317, 4)	2.2200E-04 (220, 3)	1.0016E-04 (39, 6)	5.3202E-05 (220, 3)
13	2.1703E-04 (136, 4)	2.0148E-04 (136, 4)	1.7196E-04 (136, 4)	8.2063E-05 (79, 1)	5.1687E-05 (200, 7)
14	2.6367E-04 (199, 6)	2.5224E-04 (199, 6)	2.2407E-04 (199, 6)	8.4403E-05 (136, 2)	5.0910E-05 (165, 2)
15	2.4295E-04 (222, 5)	2.2405E-04 (222, 5)	1.8881E-04 (222, 5)	9.8211E-05 (89, 1)	5.5037E-05 (10, 1)
16	2.5686E-04 (169, 4)	2.3923E-04 (169, 4)	2.0737E-04 (169, 4)	9.7930E-05 (172, 3)	6.5392E-05 (76, 7)
17	2.2588E-04 (162, 4)	2.1216E-04 (162, 4)	1.8649E-04 (162, 4)	8.4956E-05 (136, 3)	4.4928E-05 (308, 1)
18	2.0965E-04 (275, 4)	1.9871E-04 (300, 4)	1.7429E-04 (300, 4)	1.0137E-04 (301, 4)	7.0109E-05 (226, 1)
19	2.0032E-04 (99, 4)	1.8477E-04 (99, 4)	1.5882E-04 (99, 4)	9.6329E-05 (338, 3)	5.2189E-05 (67, 3)
20	1.6539E-04 (99, 4)	1.5491E-04 (99, 4)	1.3765E-04 (334, 4)	9.5753E-05 (150, 3)	5.3433E-05 (357, 8)
21	2.4314E-04 (329, 4)	2.3420E-04 (329, 4)	2.1380E-04 (170, 3)	1.0763E-04 (55, 4)	6.5822E-05 (115, 3)
22	2.5939E-04 (142, 5)	2.3815E-04 (142, 5)	1.9967E-04 (142, 5)	9.7599E-05 (16, 5)	7.1455E-05 (301, 8)
23	2.6589E-04 (271, 5)	2.5000E-04 (271, 5)	2.2786E-04 (273, 4)	1.2575E-04 (309, 2)	6.2064E-05 (267, 3)
24	2.4650E-04 (258, 4)	2.3153E-04 (264, 4)	2.1286E-04 (269, 4)	1.1158E-04 (357, 5)	8.5397E-05 (310, 1)
25	2.9227E-04 (137, 4)	2.7241E-04 (137, 4)	2.3342E-04 (137, 4)	1.1574E-04 (94, 2)	6.6185E-05 (17, 1)
26	2.4210E-04 (360, 4)	2.2386E-04 (360, 4)	1.9226E-04 (318, 4)	1.0567E-04 (232, 4)	7.6950E-05 (336, 7)
27	2.9479E-04 (265, 4)	2.8251E-04 (265, 4)	2.5713E-04 (153, 3)	1.1750E-04 (265, 4)	6.8624E-05 (135, 1)
28	2.6560E-04 (101, 5)	2.4092E-04 (101, 5)	2.2427E-04 (233, 3)	1.1644E-04 (231, 4)	6.2632E-05 (241, 7)
29	3.2140E-04 (231, 4)	2.9640E-04 (231, 4)	2.5656E-04 (231, 4)	1.4906E-04 (3, 6)	6.8818E-05 (233, 4)
30	2.6555E-04 (182, 4)	2.4596E-04 (182, 4)	2.1452E-04 (182, 4)	1.1101E-04 (211, 3)	8.7924E-05 (253, 1)
31	2.6074E-04 (346, 4)	2.5591E-04 (346, 4)	2.3651E-04 (87, 4)	9.1275E-05 (346, 4)	5.9024E-05 (139, 2)
32	2.8131E-04 (230, 4)	2.5584E-04 (230, 4)	2.2995E-04 (184, 3)	9.9165E-05 (139, 3)	7.0951E-05 (328, 4)
33	3.4715E-04 (77, 5)	3.3210E-04 (185, 4)	3.1293E-04 (185, 4)	1.2850E-04 (185, 4)	7.3693E-05 (205, 2)
34	3.5547E-04 (187, 4)	3.2917E-04 (187, 4)	2.8858E-04 (206, 3)	1.2000E-04 (200, 3)	6.0271E-05 (59, 1)
35	1.8043E-04 (211, 4)	1.5663E-04 (234, 4)	1.3864E-04 (23, 5)	7.1745E-05 (260, 4)	7.5894E-05 (255, 8)
36	3.0866E-04 (179, 3)	3.0476E-04 (179, 3)	2.8725E-04 (179, 3)	1.1472E-04 (9, 3)	5.8616E-05 (58, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 9.8740E-05 DIRECTION= 9 DISTANCE= 5.5 KM DAY=242

YEAR= 72

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	5.1738E-05 (113)	4.7932E-05 (113)	4.1364E-05 (113)	2.2172E-05 (38)	1.2080E-05 (38)
2	5.8187E-05 (57)	5.4704E-05 (57)	4.8010E-05 (57)	2.1729E-05 (5)	1.1462E-05 (5)
3	4.7140E-05 (57)	4.3891E-05 (105)	3.8756E-05 (105)	2.4936E-05 (129)	1.4938E-05 (89)
4	3.6913E-05 (58)	3.4981E-05 (58)	3.2221E-05 (159)	1.5544E-05 (319)	9.2266E-06 (98)
5	5.1158E-05 (261)	4.6764E-05 (261)	4.0562E-05 (292)	1.5317E-05 (172)	9.9484E-06 (312)
6	5.1287E-05 (261)	4.8067E-05 (261)	4.2457E-05 (261)	2.2187E-05 (85)	1.0950E-05 (239)
7	5.7405E-05 (309)	5.2730E-05 (309)	4.4563E-05 (309)	2.1344E-05 (172)	1.0702E-05 (99)
8	5.5710E-05 (220)	5.1894E-05 (220)	4.5217E-05 (220)	2.7584E-05 (172)	1.5358E-05 (180)
9	9.8740E-05 (242)	9.1956E-05 (242)	8.0238E-05 (242)	6.8933E-05 (173)	2.9172E-05 (173)
10	7.1023E-05 (181)	6.6529E-05 (181)	5.8309E-05 (181)	2.6077E-05 (124)	1.1695E-05 (181)
11	4.2308E-05 (131)	3.8665E-05 (131)	3.4802E-05 (143)	2.3392E-05 (143)	1.1934E-05 (143)
12	3.5257E-05 (231)	3.3581E-05 (245)	3.1014E-05 (245)	1.8832E-05 (245)	1.1882E-05 (245)
13	4.3270E-05 (303)	4.1735E-05 (303)	3.7650E-05 (303)	2.5459E-05 (91)	1.3960E-05 (361)
14	3.0573E-05 (194)	2.8412E-05 (194)	2.4748E-05 (194)	2.0811E-05 (281)	1.5240E-05 (142)
15	2.5295E-05 (194)	2.3410E-05 (194)	2.2644E-05 (362)	2.2427E-05 (44)	1.2735E-05 (6)
16	2.7986E-05 (322)	2.7322E-05 (322)	2.5640E-05 (322)	1.7989E-05 (325)	8.5956E-06 (325)
17	3.2698E-05 (45)	3.1166E-05 (326)	3.4173E-05 (326)	2.6888E-05 (351)	1.2508E-05 (351)
18	3.3579E-05 (147)	3.3449E-05 (147)	3.1505E-05 (147)	3.3520E-05 (328)	1.9433E-05 (326)
19	3.0203E-05 (208)	3.1738E-05 (208)	3.2842E-05 (208)	2.1562E-05 (16)	1.0986E-05 (16)
20	3.9846E-05 (83)	3.9069E-05 (83)	3.5704E-05 (336)	1.6859E-05 (336)	1.0045E-05 (327)
21	3.4555E-05 (250)	3.2696E-05 (336)	2.9560E-05 (336)	2.0514E-05 (92)	9.6435E-06 (16)
22	3.6580E-05 (86)	3.5427E-05 (86)	3.1280E-05 (288)	3.0659E-05 (66)	1.6036E-05 (329)
23	3.4517E-05 (70)	3.2632E-05 (279)	3.2264E-05 (117)	3.8619E-05 (117)	1.9603E-05 (353)
24	5.1367E-05 (192)	4.9564E-05 (267)	4.4727E-05 (267)	3.2237E-05 (100)	1.8573E-05 (353)
25	4.9066E-05 (157)	4.5219E-05 (157)	3.8287E-05 (157)	2.9513E-05 (156)	1.5517E-05 (156)
26	7.1811E-05 (265)	6.7211E-05 (265)	5.8745E-05 (265)	2.9651E-05 (203)	1.5905E-05 (66)
27	5.8465E-05 (207)	5.6806E-05 (207)	5.2916E-05 (207)	4.7366E-05 (268)	2.5009E-05 (167)
28	4.7169E-05 (339)	4.4642E-05 (339)	4.1634E-05 (168)	5.2457E-05 (121)	2.4821E-05 (121)
29	5.7656E-05 (101)	5.4954E-05 (101)	5.0072E-05 (101)	2.7651E-05 (127)	1.2880E-05 (119)
30	4.7555E-05 (185)	4.7170E-05 (228)	4.3458E-05 (228)	2.2257E-05 (185)	1.5506E-05 (102)
31	4.7312E-05 (241)	4.6110E-05 (241)	4.3208E-05 (241)	1.7887E-05 (241)	1.2640E-05 (308)
32	4.8280E-05 (61)	4.5356E-05 (61)	3.9904E-05 (61)	2.1072E-05 (120)	1.5066E-05 (1)
33	5.8364E-05 (12)	5.5835E-05 (12)	5.0207E-05 (12)	2.7835E-05 (12)	1.5473E-05 (301)
34	3.2549E-05 (211)	3.0625E-05 (54)	2.6577E-05 (161)	1.6314E-05 (90)	9.2210E-06 (22)
35	2.9427E-05 (87)	2.7842E-05 (307)	2.9455E-05 (307)	1.4144E-05 (319)	9.1448E-06 (13)
36	3.0289E-05 (341)	3.5135E-05 (341)	3.2256E-05 (341)	2.2378E-05 (301)	1.0884E-05 (357)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAX3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 3.9989E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=182 TIME PERIOD= 4

YEAR= 72

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR	RANGE 5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	2.6684E-04 (341, 4)	2.5743E-04 (341, 4)	2.2445E-04 (107, 4)	1.1833E-04 (38, 2)	6.3268E-05 (330, 7)
2	2.9773E-04 (57, 4)	2.7999E-04 (57, 4)	2.3630E-04 (55, 5)	9.7746E-05 (171, 6)	5.1719E-05 (31, 2)
3	2.5662E-04 (149, 5)	2.3951E-04 (149, 5)	2.1821E-04 (136, 3)	1.0564E-04 (5, 5)	5.2454E-05 (319, 6)
4	2.7734E-04 (269, 6)	2.7158E-04 (269, 6)	2.4972E-04 (269, 6)	9.3356E-05 (245, 5)	4.4276E-05 (243, 7)
5	2.7467E-04 (211, 6)	2.6336E-04 (211, 6)	2.3484E-04 (211, 6)	9.6481E-05 (357, 5)	5.6399E-05 (55, 4)
6	2.9729E-04 (359, 5)	2.9113E-04 (359, 5)	2.6772E-04 (359, 5)	1.0436E-04 (244, 4)	7.2187E-05 (210, 7)
7	3.0473E-04 (138, 4)	2.8887E-04 (138, 4)	2.5420E-04 (138, 4)	9.2534E-05 (33, 2)	5.1150E-05 (33, 2)
8	3.0716E-04 (219, 3)	2.9638E-04 (219, 3)	2.6830E-04 (153, 4)	1.0303E-04 (175, 7)	5.9575E-05 (175, 7)
9	3.9989E-04 (182, 4)	3.7467E-04 (207, 6)	3.4331E-04 (207, 6)	1.2483E-04 (152, 7)	6.5057E-05 (152, 7)
10	3.2359E-04 (215, 5)	3.0701E-04 (215, 5)	2.6988E-04 (215, 5)	1.1475E-04 (209, 6)	5.2055E-05 (220, 7)
11	2.1869E-04 (222, 5)	2.0121E-04 (222, 5)	1.9564E-04 (239, 5)	1.0510E-04 (44, 6)	5.4611E-05 (97, 7)
12	2.2086E-04 (245, 6)	2.1539E-04 (245, 6)	2.0071E-04 (245, 6)	1.2079E-04 (258, 6)	7.2601E-05 (184, 4)
13	2.7751E-04 (146, 4)	2.5539E-04 (146, 4)	2.3496E-04 (184, 4)	8.0925E-05 (91, 6)	5.5066E-05 (91, 7)
14	2.4458E-04 (194, 3)	2.2729E-04 (194, 3)	1.9799E-04 (194, 3)	1.2759E-04 (281, 4)	7.4228E-05 (142, 3)
15	1.6008E-04 (109, 6)	1.6144E-04 (26, 5)	1.6187E-04 (194, 3)	1.2531E-04 (6, 3)	8.5501E-05 (299, 7)
16	1.9776E-04 (263, 4)	1.7500E-04 (263, 4)	1.4037E-04 (263, 4)	8.2694E-05 (148, 6)	4.9650E-05 (313, 4)
17	2.5850E-04 (45, 5)	2.4177E-04 (45, 5)	2.1209E-04 (45, 5)	9.2356E-05 (351, 8)	4.9749E-05 (326, 2)
18	2.6864E-04 (147, 4)	2.6031E-04 (326, 4)	2.3250E-04 (326, 4)	1.0445E-04 (48, 1)	5.7702E-05 (320, 3)
19	2.4162E-04 (208, 5)	2.5261E-04 (239, 4)	2.3630E-04 (239, 4)	1.0027E-04 (16, 2)	5.9601E-05 (205, 8)
20	1.9785E-04 (83, 3)	1.9551E-04 (83, 3)	1.8229E-04 (83, 3)	8.5716E-05 (260, 3)	5.9454E-05 (40, 7)
21	2.5303E-04 (288, 5)	2.3800E-04 (288, 5)	2.0641E-04 (288, 5)	9.5282E-05 (15, 8)	5.7919E-05 (329, 1)
22	1.9130E-04 (288, 5)	1.7885E-04 (288, 5)	1.5344E-04 (288, 5)	1.0417E-04 (17, 1)	5.6399E-05 (244, 6)
23	2.2827E-04 (342, 5)	2.1698E-04 (342, 5)	1.9085E-04 (342, 5)	1.2832E-04 (17, 8)	6.6210E-05 (240, 7)
24	2.2876E-04 (52, 4)	2.3038E-04 (52, 4)	2.2410E-04 (52, 4)	1.0443E-04 (52, 4)	7.1877E-05 (339, 2)
25	2.7200E-04 (226, 4)	2.5590E-04 (226, 4)	2.4042E-04 (203, 3)	1.2132E-04 (203, 3)	6.3396E-05 (191, 8)
26	2.4421E-04 (157, 3)	2.3718E-04 (157, 3)	2.1767E-04 (157, 3)	1.1514E-04 (126, 8)	6.7968E-05 (338, 7)
27	2.5759E-04 (337, 5)	2.4656E-04 (240, 4)	2.3169E-04 (240, 4)	1.3898E-04 (306, 6)	8.5463E-05 (166, 1)
28	3.0988E-04 (297, 4)	2.8831E-04 (297, 4)	2.4892E-04 (198, 3)	1.3998E-04 (133, 7)	7.2939E-05 (161, 1)
29	2.1653E-04 (198, 3)	2.0848E-04 (198, 3)	1.9027E-04 (198, 3)	9.8019E-05 (253, 4)	6.4270E-05 (324, 1)
30	3.3254E-04 (1, 4)	3.1473E-04 (1, 4)	2.7594E-04 (1, 4)	1.3053E-04 (228, 3)	5.7296E-05 (228, 3)
31	2.2159E-04 (241, 4)	2.0674E-04 (214, 3)	2.0049E-04 (214, 3)	8.7715E-05 (29, 3)	7.9786E-05 (236, 7)
32	2.5613E-04 (61, 4)	2.3812E-04 (61, 4)	2.0348E-04 (61, 4)	9.9143E-05 (135, 1)	6.7578E-05 (1, 8)
33	3.2149E-04 (12, 4)	3.0690E-04 (12, 4)	2.7176E-04 (12, 4)	1.0885E-04 (262, 4)	5.1502E-05 (365, 6)
34	2.2137E-04 (308, 3)	2.1835E-04 (308, 3)	2.0406E-04 (308, 3)	1.0143E-04 (22, 3)	6.0918E-05 (22, 3)
35	1.9355E-04 (213, 5)	1.7594E-04 (213, 5)	1.6236E-04 (319, 4)	8.1552E-05 (90, 7)	5.7874E-05 (324, 7)
36	2.4934E-04 (319, 5)	2.4219E-04 (319, 5)	2.2370E-04 (319, 5)	1.0274E-04 (91, 1)	4.8978E-05 (302, 3)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 8.1262E-05 DIRECTION= 26 DISTANCE= 5.5 KM DAY=336

YEAR= 73

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	3.8139E-05 (193)	3.6994E-05 (193)	3.4166E-05 (193)	2.4960E-05 (364)	1.3636E-05 (45)
2	4.6152E-05 (159)	4.3166E-05 (159)	3.9449E-05 (71)	2.2590E-05 (146)	1.4140E-05 (148)
3	3.7729E-05 (151)	3.5256E-05 (3)	3.1546E-05 (3)	2.0059E-05 (200)	1.0732E-05 (200)
4	3.6622E-05 (194)	3.4768E-05 (313)	3.0067E-05 (313)	1.7345E-05 (178)	1.0584E-05 (56)
5	5.6479E-05 (192)	5.1767E-05 (192)	4.5224E-05 (182)	1.8437E-05 (117)	8.5016E-06 (117)
6	6.2957E-05 (209)	6.0808E-05 (209)	5.5419E-05 (186)	2.9264E-05 (144)	1.3714E-05 (144)
7	5.8036E-05 (185)	5.4627E-05 (140)	5.0511E-05 (140)	2.4024E-05 (209)	1.2564E-05 (140)
8	6.1338E-05 (185)	5.6224E-05 (185)	4.8356E-05 (185)	1.9473E-05 (253)	8.5374E-06 (27)
9	5.7352E-05 (132)	5.3047E-05 (66)	4.8187E-05 (236)	3.0315E-05 (134)	1.8785E-05 (134)
10	5.2735E-05 (326)	5.0405E-05 (196)	4.3397E-05 (166)	2.7987E-05 (258)	1.6575E-05 (258)
11	4.3852E-05 (166)	4.2849E-05 (263)	3.7948E-05 (263)	2.6343E-05 (85)	1.2671E-05 (76)
12	3.9557E-05 (100)	4.0361E-05 (207)	3.6867E-05 (138)	2.4777E-05 (98)	1.4272E-05 (98)
13	2.8704E-05 (135)	2.8335E-05 (135)	2.9244E-05 (41)	3.5876E-05 (41)	1.5162E-05 (29)
14	3.3083E-05 (175)	3.2207E-05 (175)	3.0859E-05 (175)	2.5311E-05 (175)	1.4209E-05 (175)
15	3.7674E-05 (47)	3.6538E-05 (47)	3.1102E-05 (118)	2.0281E-05 (47)	1.0818E-05 (350)
16	3.9197E-05 (356)	3.6858E-05 (356)	3.4183E-05 (188)	1.5637E-05 (342)	9.1746E-06 (5)
17	3.1030E-05 (182)	2.9026E-05 (182)	2.5943E-05 (190)	2.8376E-05 (342)	1.5382E-05 (12)
18	4.1105E-05 (103)	3.8350E-05 (103)	3.3345E-05 (103)	1.8578E-05 (42)	1.3240E-05 (297)
19	3.5858E-05 (305)	3.4144E-05 (268)	3.0004E-05 (268)	1.9786E-05 (10)	9.7024E-06 (136)
20	3.8212E-05 (233)	3.4621E-05 (233)	3.1503E-05 (299)	2.4363E-05 (24)	1.5287E-05 (24)
21	6.5693E-05 (221)	6.2981E-05 (221)	5.7084E-05 (221)	3.0069E-05 (11)	1.7440E-05 (11)
22	4.2964E-05 (233)	3.8875E-05 (233)	3.2978E-05 (233)	2.5229E-05 (291)	1.5368E-05 (292)
23	4.1480E-05 (191)	3.8456E-05 (191)	3.3612E-05 (191)	3.3924E-05 (291)	1.6485E-05 (315)
24	5.7698E-05 (59)	5.4303E-05 (59)	4.7216E-05 (59)	2.6517E-05 (276)	1.6953E-05 (240)
25	6.8271E-05 (240)	6.4250E-05 (317)	5.9810E-05 (317)	2.9601E-05 (321)	1.7470E-05 (327)
26	8.1262E-05 (336)	7.8685E-05 (336)	7.1695E-05 (336)	2.4716E-05 (336)	1.3388E-05 (154)
27	4.5700E-05 (336)	4.3762E-05 (336)	3.9425E-05 (336)	3.1923E-05 (60)	1.8497E-05 (288)
28	4.5014E-05 (55)	4.3328E-05 (55)	3.9363E-05 (105)	3.0564E-05 (105)	1.4252E-05 (105)
29	5.4930E-05 (238)	5.1811E-05 (238)	4.6218E-05 (238)	2.6108E-05 (105)	1.5885E-05 (105)
30	5.6529E-05 (244)	5.4318E-05 (244)	4.9335E-05 (244)	2.6457E-05 (359)	1.4795E-05 (21)
31	4.3305E-05 (160)	4.3126E-05 (160)	4.1332E-05 (160)	2.4967E-05 (88)	1.6048E-05 (113)
32	4.8418E-05 (322)	4.4451E-05 (322)	4.2123E-05 (329)	3.3880E-05 (88)	1.7265E-05 (21)
33	4.9123E-05 (217)	4.5253E-05 (217)	3.9267E-05 (217)	2.0080E-05 (70)	9.9759E-06 (171)
34	4.1269E-05 (269)	3.9697E-05 (269)	3.6115E-05 (269)	2.0658E-05 (213)	1.2448E-05 (213)
35	3.8289E-05 (40)	3.9066E-05 (40)	4.0060E-05 (40)	3.0148E-05 (93)	1.5552E-05 (40)
36	3.7942E-05 (194)	3.5205E-05 (194)	3.0022E-05 (194)	2.0586E-05 (73)	1.3175E-05 (347)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 4.3885E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=180 TIME PERIOD= 3

YEAR= 73

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	2.3086E-04 (150, 4)	2.2413E-04 (150, 4)	2.0383E-04 (150, 4)	8.7540E-05 (128, 8)	6.9555E-05 (364, 5)
2	3.0955E-04 (71, 5)	2.9302E-04 (71, 5)	2.5675E-04 (71, 5)	1.0179E-04 (331, 6)	5.1918E-05 (338, 7)
3	2.7229E-04 (3, 5)	2.6037E-04 (3, 5)	2.2353E-04 (269, 5)	1.0862E-04 (116, 5)	5.4594E-05 (200, 7)
4	2.7617E-04 (194, 4)	2.5641E-04 (313, 4)	2.2286E-04 (313, 4)	7.9174E-05 (313, 4)	5.3079E-05 (210, 8)
5	3.0504E-04 (182, 4)	2.8541E-04 (196, 3)	2.5845E-04 (196, 3)	1.0079E-04 (117, 1)	4.9725E-05 (210, 8)
6	3.4332E-04 (235, 5)	3.2342E-04 (235, 5)	2.8744E-04 (235, 5)	1.1804E-04 (140, 3)	5.0911E-05 (179, 3)
7	2.0093E-04 (219, 4)	2.4120E-04 (219, 4)	2.0699E-04 (219, 4)	1.0479E-04 (15, 4)	8.0305E-05 (114, 7)
8	3.3591E-04 (19, 4)	3.2895E-04 (19, 4)	3.0636E-04 (19, 4)	1.1860E-04 (19, 4)	4.9255E-05 (19, 4)
9	4.3885E-04 (180, 3)	4.2271E-04 (66, 5)	3.7394E-04 (66, 5)	1.1737E-04 (236, 4)	5.5293E-05 (134, 4)
10	2.3711E-04 (166, 3)	2.2114E-04 (166, 3)	1.9365E-04 (166, 3)	9.4379E-05 (258, 6)	6.5383E-05 (169, 7)
11	2.8556E-04 (166, 3)	2.8559E-04 (166, 3)	2.7301E-04 (166, 3)	1.0842E-04 (235, 6)	5.8103E-05 (175, 1)
12	1.9262E-04 (100, 4)	1.7492E-04 (100, 4)	2.0420E-04 (207, 4)	1.0762E-04 (8, 8)	5.5238E-05 (8, 8)
13	1.8832E-04 (231, 5)	1.9713E-04 (231, 5)	1.9967E-04 (231, 5)	8.9653E-05 (86, 5)	8.4298E-05 (255, 7)
14	2.3022E-04 (175, 5)	2.1232E-04 (175, 5)	1.7895E-04 (175, 5)	9.9838E-05 (332, 8)	8.9733E-05 (289, 7)
15	2.1557E-04 (118, 4)	2.1265E-04 (200, 4)	2.0997E-04 (200, 4)	9.8286E-05 (47, 4)	4.9739E-05 (71, 8)
16	2.4760E-04 (182, 4)	2.3113E-04 (182, 4)	2.0227E-04 (182, 4)	8.1976E-05 (12, 5)	5.5615E-05 (254, 3)
17	2.3124E-04 (53, 4)	2.2208E-04 (53, 4)	2.0297E-04 (52, 4)	1.0268E-04 (342, 1)	5.6577E-05 (342, 1)
18	2.6950E-04 (14, 4)	2.6152E-04 (14, 4)	2.2389E-04 (297, 5)	9.4876E-05 (14, 4)	5.3023E-05 (48, 1)
19	2.3459E-04 (268, 5)	2.2046E-04 (268, 5)	1.9105E-04 (268, 5)	9.2368E-05 (10, 1)	4.2338E-05 (136, 4)
20	2.6083E-04 (268, 3)	2.6544E-04 (268, 3)	2.5027E-04 (299, 4)	1.0391E-04 (345, 4)	5.1346E-05 (273, 8)
21	2.5964E-04 (221, 6)	2.5808E-04 (221, 6)	2.4328E-04 (221, 6)	1.3484E-04 (11, 8)	6.0538E-05 (280, 2)
22	2.6869E-04 (125, 4)	2.4742E-04 (125, 4)	2.1087E-04 (125, 4)	9.6432E-05 (292, 1)	5.1064E-05 (10, 4)
23	2.3390E-04 (102, 4)	2.3010E-04 (102, 4)	2.1655E-04 (102, 4)	1.1301E-04 (16, 5)	6.0640E-05 (43, 6)
24	2.6488E-04 (310, 4)	2.5158E-04 (310, 4)	2.2712E-04 (310, 4)	1.1495E-04 (240, 7)	6.0202E-05 (279, 6)
25	3.1540E-04 (240, 5)	2.9081E-04 (240, 5)	2.6223E-04 (220, 4)	1.3746E-04 (265, 4)	8.6005E-05 (260, 3)
26	3.6126E-04 (330, 5)	3.4685E-04 (352, 4)	3.2104E-04 (352, 4)	1.2332E-04 (235, 4)	6.4857E-05 (234, 7)
27	2.4535E-04 (96, 5)	2.3682E-04 (20, 4)	2.1498E-04 (352, 5)	1.3128E-04 (17, 6)	8.8425E-05 (242, 7)
28	2.7679E-04 (232, 4)	2.6994E-04 (288, 5)	2.6666E-04 (288, 5)	1.0735E-04 (242, 4)	6.8883E-05 (8, 1)
29	3.2228E-04 (238, 3)	3.0667E-04 (238, 3)	2.7400E-04 (238, 3)	1.2447E-04 (318, 4)	7.6653E-05 (150, 8)
30	2.0301E-04 (121, 5)	2.4297E-04 (121, 5)	2.0545E-04 (121, 5)	1.1485E-04 (21, 2)	6.8760E-05 (353, 6)
31	2.8786E-04 (171, 4)	2.5826E-04 (171, 4)	2.1513E-04 (171, 4)	1.0462E-04 (87, 8)	5.9279E-05 (160, 3)
32	2.7272E-04 (157, 4)	2.4655E-04 (157, 4)	2.0525E-04 (127, 5)	1.2135E-04 (67, 4)	6.7791E-05 (301, 2)
33	2.7255E-04 (320, 3)	2.6578E-04 (320, 3)	2.4438E-04 (320, 3)	1.0569E-04 (359, 5)	7.1554E-05 (194, 1)
34	2.5971E-04 (200, 4)	2.4177E-04 (200, 4)	2.1120E-04 (200, 4)	9.6402E-05 (339, 2)	5.5725E-05 (126, 6)
35	2.2286E-04 (115, 4)	2.1034E-04 (115, 4)	1.8313E-04 (115, 4)	1.0360E-04 (40, 6)	7.0326E-05 (228, 1)
36	1.8337E-04 (194, 5)	1.7106E-04 (194, 5)	1.4644E-04 (194, 5)	9.2967E-05 (73, 4)	5.0532E-05 (234, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.0343E-04 DIRECTION= 24 DISTANCE= 5.5 KM DAY=286

YEAR= 74

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	3.0185E-05 (203)	2.8348E-05 (203)	2.4812E-05 (208)	2.2268E-05 (175)	1.1152E-05 (175)
2	3.6509E-05 (207)	3.2628E-05 (207)	3.0123E-05 (91)	2.0513E-05 (30)	9.9484E-06 (28)
3	3.0649E-05 (256)	2.8578E-05 (46)	2.5680E-05 (222)	1.8688E-05 (39)	1.0767E-05 (39)
4	5.0797E-05 (90)	4.8254E-05 (90)	4.3382E-05 (90)	1.6936E-05 (229)	8.3144E-06 (88)
5	4.0439E-05 (229)	3.8376E-05 (229)	3.4261E-05 (229)	1.3345E-05 (163)	8.9800E-06 (210)
6	4.2029E-05 (86)	3.9384E-05 (9)	3.4940E-05 (9)	2.2388E-05 (270)	1.2791E-05 (270)
7	4.7141E-05 (7)	4.5468E-05 (16)	4.4117E-05 (16)	2.0738E-05 (190)	9.4396E-06 (90)
8	5.3182E-05 (163)	5.0290E-05 (163)	4.4308E-05 (163)	1.5811E-05 (87)	8.7747E-06 (203)
9	9.2557E-05 (230)	8.5944E-05 (230)	7.3774E-05 (230)	3.4980E-05 (192)	1.6613E-05 (71)
10	6.1744E-05 (192)	5.7595E-05 (192)	5.0550E-05 (192)	2.3335E-05 (145)	1.2225E-05 (230)
11	6.3367E-05 (192)	5.9347E-05 (167)	4.9953E-05 (167)	1.9618E-05 (72)	8.6554E-06 (335)
12	4.0275E-05 (200)	3.7257E-05 (200)	3.1591E-05 (200)	1.7877E-05 (53)	9.3038E-06 (240)
13	2.2550E-05 (222)	2.2207E-05 (257)	2.0821E-05 (167)	2.0356E-05 (39)	8.9256E-06 (99)
14	2.2124E-05 (222)	2.0839E-05 (222)	1.9634E-05 (56)	2.8055E-05 (40)	1.2592E-05 (107)
15	2.3274E-05 (99)	2.2114E-05 (197)	2.0692E-05 (197)	2.5798E-05 (96)	1.0527E-05 (96)
16	4.2141E-05 (338)	4.0693E-05 (338)	3.7791E-05 (338)	2.3760E-05 (326)	1.0630E-05 (316)
17	2.9578E-05 (317)	2.9024E-05 (317)	2.6925E-05 (317)	1.7856E-05 (280)	1.1762E-05 (355)
18	3.7384E-05 (332)	3.5231E-05 (332)	3.1439E-05 (332)	2.8552E-05 (279)	1.4012E-05 (279)
19	3.1752E-05 (364)	3.1069E-05 (291)	2.9602E-05 (291)	2.2204E-05 (311)	1.0696E-05 (311)
20	3.9869E-05 (281)	3.7210E-05 (281)	3.2301E-05 (281)	2.3480E-05 (330)	1.3864E-05 (57)
21	4.5746E-05 (264)	4.2611E-05 (264)	3.9702E-05 (182)	2.9001E-05 (274)	1.6274E-05 (107)
22	3.7685E-05 (344)	3.7101E-05 (344)	3.2678E-05 (265)	3.7544E-05 (276)	1.5897E-05 (276)
23	5.1090E-05 (306)	4.7560E-05 (306)	4.0898E-05 (306)	2.4580E-05 (266)	1.4170E-05 (293)
24	1.0343E-04 (286)	9.6568E-05 (286)	8.3657E-05 (286)	3.7543E-05 (348)	1.9147E-05 (284)
25	6.2917E-05 (110)	5.8398E-05 (110)	4.9882E-05 (110)	2.7332E-05 (285)	1.5321E-05 (303)
26	6.4934E-05 (305)	6.0195E-05 (305)	5.2172E-05 (305)	2.1037E-05 (115)	1.3375E-05 (349)
27	5.5860E-05 (244)	5.4335E-05 (244)	4.9633E-05 (244)	2.6789E-05 (171)	1.6293E-05 (333)
28	5.4120E-05 (2)	5.3624E-05 (2)	5.1745E-05 (2)	3.1217E-05 (2)	1.4375E-05 (101)
29	4.9745E-05 (240)	4.6073E-05 (240)	4.0155E-05 (240)	3.6821E-05 (140)	1.7754E-05 (140)
30	4.1881E-05 (67)	3.9407E-05 (243)	3.7476E-05 (243)	1.8260E-05 (244)	1.1912E-05 (334)
31	5.9713E-05 (219)	5.7532E-05 (219)	5.3077E-05 (219)	3.0098E-05 (134)	1.4682E-05 (219)
32	4.8342E-05 (241)	4.4413E-05 (241)	3.8002E-05 (241)	2.0678E-05 (217)	1.2459E-05 (9)
33	4.5747E-05 (224)	4.3236E-05 (207)	3.8586E-05 (11)	2.2173E-05 (94)	1.0936E-05 (354)
34	3.7490E-05 (236)	3.3915E-05 (236)	2.7956E-05 (236)	2.1258E-05 (50)	1.4234E-05 (84)
35	3.2342E-05 (164)	3.0046E-05 (164)	2.6185E-05 (208)	1.6589E-05 (175)	9.0997E-06 (175)
36	3.9947E-05 (161)	4.0371E-05 (161)	3.9759E-05 (161)	3.1213E-05 (341)	1.7102E-05 (349)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 4.0096E-04 DIRECTION= 24 DISTANCE= 5.5 KM DAY=284 TIME PERIOD= 4

YEAR= 74

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	2.3344E-04 (208, 4)	2.2145E-04 (208, 4)	1.9290E-04 (98, 5)	1.2835E-04 (354, 5)	5.5485E-05 (354, 5)
2	2.4352E-04 (21, 4)	2.3622E-04 (21, 4)	2.1559E-04 (324, 4)	1.0013E-04 (131, 6)	4.3176E-05 (38, 5)
3	2.2567E-04 (103, 5)	2.0701E-04 (103, 5)	1.7900E-04 (222, 3)	9.5228E-05 (39, 2)	6.2114E-05 (209, 8)
4	2.6196E-04 (229, 4)	2.4222E-04 (229, 4)	2.1007E-04 (229, 4)	7.3390E-05 (218, 6)	4.5517E-05 (30, 8)
5	2.3410E-04 (188, 4)	2.1601E-04 (188, 4)	2.0003E-04 (163, 3)	9.0072E-05 (78, 6)	4.5031E-05 (163, 3)
6	3.2440E-04 (9, 5)	3.1018E-04 (9, 5)	2.6619E-04 (86, 5)	1.0604E-04 (261, 4)	5.7804E-05 (5, 4)
7	2.6839E-04 (10, 5)	2.5313E-04 (146, 4)	2.2520E-04 (292, 4)	1.0071E-04 (292, 4)	4.2732E-05 (268, 5)
8	2.9265E-04 (145, 4)	2.7093E-04 (145, 4)	2.2951E-04 (145, 4)	9.1805E-05 (104, 6)	5.5493E-05 (203, 1)
9	3.9249E-04 (173, 4)	3.6378E-04 (173, 4)	3.1757E-04 (173, 4)	1.2221E-04 (173, 4)	5.4284E-05 (173, 4)
10	3.3584E-04 (173, 6)	3.1910E-04 (173, 6)	2.8049E-04 (173, 6)	1.0221E-04 (4, 6)	5.3233E-05 (230, 7)
11	2.9180E-04 (192, 3)	2.8121E-04 (192, 3)	2.5474E-04 (192, 3)	1.0566E-04 (193, 2)	5.4828E-05 (155, 6)
12	2.2092E-04 (167, 3)	2.1519E-04 (167, 3)	1.9902E-04 (167, 3)	8.3447E-05 (162, 7)	6.3383E-05 (53, 6)
13	1.7620E-04 (257, 6)	1.6816E-04 (222, 6)	1.4742E-04 (222, 6)	7.9890E-05 (120, 6)	5.4179E-05 (48, 1)
14	1.4824E-04 (226, 6)	1.3927E-04 (226, 6)	1.2484E-04 (167, 3)	9.8989E-05 (325, 6)	5.9385E-05 (107, 7)
15	1.7621E-04 (54, 5)	1.7107E-04 (54, 5)	1.5461E-04 (54, 5)	8.3826E-05 (292, 6)	4.9906E-05 (163, 7)
16	1.7277E-04 (338, 5)	1.6295E-04 (338, 4)	1.5505E-04 (338, 4)	1.0910E-04 (316, 3)	4.8370E-05 (364, 6)
17	2.3547E-04 (317, 5)	2.3021E-04 (317, 5)	2.1087E-04 (317, 5)	1.1024E-04 (106, 7)	6.4145E-05 (350, 3)
18	2.3814E-04 (332, 4)	2.2149E-04 (332, 4)	2.0127E-04 (291, 4)	1.0130E-04 (279, 8)	5.7388E-05 (280, 6)
19	2.4802E-04 (364, 5)	2.3598E-04 (364, 5)	2.0794E-04 (364, 5)	8.9585E-05 (291, 4)	4.3967E-05 (57, 4)
20	2.3275E-04 (311, 4)	2.1389E-04 (311, 4)	1.8212E-04 (311, 4)	1.0160E-04 (198, 3)	5.8036E-05 (18, 8)
21	2.8351E-04 (54, 4)	2.6883E-04 (54, 4)	2.4044E-04 (54, 4)	1.1857E-04 (107, 2)	6.2427E-05 (347, 7)
22	2.8395E-04 (254, 6)	2.6931E-04 (254, 6)	2.4039E-04 (254, 6)	9.5525E-05 (254, 6)	5.5008E-05 (293, 6)
23	2.5671E-04 (257, 4)	2.5200E-04 (257, 4)	2.3294E-04 (306, 5)	9.9671E-05 (332, 6)	6.8764E-05 (293, 1)
24	4.0096E-04 (284, 4)	3.8101E-04 (254, 3)	3.4895E-04 (297, 4)	1.3539E-04 (254, 3)	6.8645E-05 (59, 2)
25	2.8029E-04 (305, 4)	2.6142E-04 (305, 4)	2.2911E-04 (305, 4)	1.1576E-04 (287, 6)	7.5799E-05 (183, 1)
26	2.2384E-04 (303, 4)	2.1850E-04 (110, 3)	2.1872E-04 (110, 3)	9.4775E-05 (306, 6)	7.0750E-05 (188, 8)
27	2.8956E-04 (244, 5)	2.8385E-04 (244, 5)	2.5390E-04 (299, 5)	1.0692E-04 (318, 8)	9.1911E-05 (318, 8)
28	2.6564E-04 (204, 3)	2.5760E-04 (204, 3)	2.4401E-04 (234, 3)	1.1389E-04 (2, 4)	7.0747E-05 (236, 3)
29	3.3365E-04 (221, 4)	3.0958E-04 (221, 4)	2.7073E-04 (221, 4)	1.0803E-04 (185, 4)	5.1788E-05 (140, 3)
30	2.6820E-04 (237, 3)	2.6522E-04 (203, 3)	2.5957E-04 (203, 3)	1.0847E-04 (203, 3)	5.2987E-05 (301, 6)
31	2.8454E-04 (219, 4)	2.6779E-04 (219, 4)	2.3264E-04 (136, 4)	9.2407E-05 (23, 4)	5.7059E-05 (186, 7)
32	3.3264E-04 (6, 4)	3.1767E-04 (6, 4)	2.8730E-04 (6, 4)	1.0704E-04 (6, 4)	5.5268E-05 (9, 3)
33	2.8898E-04 (25, 4)	2.7685E-04 (25, 4)	2.5112E-04 (135, 3)	1.0014E-04 (38, 2)	5.5357E-05 (21, 1)
34	2.2489E-04 (199, 4)	2.0109E-04 (14, 5)	1.6911E-04 (14, 5)	1.1577E-04 (82, 5)	6.7136E-05 (213, 1)
35	2.2463E-04 (242, 4)	2.1114E-04 (321, 5)	1.8675E-04 (251, 4)	8.3237E-05 (27, 3)	5.5281E-05 (27, 3)
36	3.0238E-04 (210, 4)	2.9219E-04 (210, 4)	2.6870E-04 (210, 4)	1.1752E-04 (341, 6)	6.0529E-05 (341, 6)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 7.4222E-05 DIRECTION= 27 DISTANCE= 5.5 KM DAY=322

YEAR= 75

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	3.7066E-05 (255)	3.6206E-05 (255)	3.3641E-05 (255)	2.5002E-05 (49)	1.5933E-05 (49)
2	5.6856E-05 (19)	5.5703E-05 (19)	5.2788E-05 (19)	2.8657E-05 (75)	1.3741E-05 (66)
3	5.4524E-05 (118)	4.9788E-05 (118)	4.4208E-05 (203)	2.0416E-05 (50)	1.0672E-05 (82)
4	5.0757E-05 (24)	4.7595E-05 (24)	4.1570E-05 (24)	1.6668E-05 (24)	1.2355E-05 (187)
5	5.4931E-05 (153)	5.5231E-05 (153)	5.0507E-05 (137)	1.9182E-05 (192)	1.0894E-05 (190)
6	3.9212E-05 (205)	3.7311E-05 (205)	3.3433E-05 (205)	1.5506E-05 (191)	9.0493E-06 (191)
7	4.6124E-05 (80)	4.2930E-05 (80)	3.6681E-05 (80)	1.8186E-05 (166)	9.8951E-06 (208)
8	4.6675E-05 (185)	4.1912E-05 (185)	3.4428E-05 (185)	1.7239E-05 (189)	8.3567E-06 (98)
9	7.3565E-05 (189)	6.9087E-05 (189)	6.1707E-05 (189)	2.5912E-05 (158)	1.3117E-05 (158)
10	4.1259E-05 (29)	4.0011E-05 (156)	3.7248E-05 (44)	1.7257E-05 (243)	8.7065E-06 (44)
11	3.7918E-05 (170)	3.5154E-05 (170)	2.9827E-05 (170)	1.6958E-05 (155)	7.7274E-06 (223)
12	3.5124E-05 (224)	3.3937E-05 (224)	3.0877E-05 (78)	1.6652E-05 (138)	1.1956E-05 (138)
13	4.7832E-05 (230)	4.4954E-05 (230)	3.9338E-05 (230)	2.1953E-05 (256)	1.2727E-05 (256)
14	3.4500E-05 (244)	3.1615E-05 (244)	2.6950E-05 (244)	1.6810E-05 (55)	9.8962E-06 (13)
15	3.2576E-05 (226)	3.3104E-05 (226)	3.3600E-05 (226)	2.2052E-05 (317)	1.2372E-05 (13)
16	2.7307E-05 (244)	2.5158E-05 (226)	2.4212E-05 (226)	2.2131E-05 (352)	9.4159E-06 (352)
17	3.5817E-05 (105)	3.3060E-05 (105)	2.7927E-05 (105)	2.6635E-05 (270)	1.8059E-05 (270)
18	3.0660E-05 (361)	2.8848E-05 (361)	2.6264E-05 (356)	2.6464E-05 (270)	1.7245E-05 (269)
19	2.2664E-05 (94)	2.2309E-05 (94)	2.0949E-05 (228)	1.6113E-05 (96)	1.1124E-05 (96)
20	5.1401E-05 (256)	4.9252E-05 (256)	4.4123E-05 (256)	2.9217E-05 (64)	1.3586E-05 (94)
21	4.9295E-05 (64)	4.6193E-05 (64)	4.0878E-05 (64)	2.1439E-05 (303)	1.4289E-05 (361)
22	5.4222E-05 (176)	5.2819E-05 (176)	4.9642E-05 (176)	2.3536E-05 (176)	1.2920E-05 (353)
23	4.6922E-05 (175)	4.3976E-05 (175)	3.9251E-05 (181)	2.4741E-05 (304)	1.3610E-05 (85)
24	4.1633E-05 (285)	3.9106E-05 (285)	3.3791E-05 (285)	2.2891E-05 (277)	1.3926E-05 (22)
25	4.8752E-05 (182)	4.6828E-05 (182)	4.2592E-05 (182)	2.4295E-05 (307)	1.5687E-05 (239)
26	5.9071E-05 (247)	5.3579E-05 (247)	5.1147E-05 (345)	2.4336E-05 (286)	1.2487E-05 (309)
27	7.4222E-05 (322)	7.1146E-05 (322)	6.3953E-05 (322)	4.0820E-05 (86)	1.8459E-05 (86)
28	4.9639E-05 (330)	4.6688E-05 (330)	4.3804E-05 (86)	3.2900E-05 (288)	1.7778E-05 (315)
29	4.1055E-05 (113)	4.0594E-05 (113)	4.0263E-05 (113)	3.1046E-05 (313)	1.6095E-05 (313)
30	5.3217E-05 (172)	5.1519E-05 (219)	4.6008E-05 (219)	3.2257E-05 (263)	1.8309E-05 (263)
31	4.1489E-05 (46)	4.0303E-05 (46)	3.7137E-05 (222)	2.2553E-05 (289)	1.3557E-05 (364)
32	5.1892E-05 (108)	4.9033E-05 (108)	4.3144E-05 (108)	2.1370E-05 (136)	1.2123E-05 (109)
33	4.3764E-05 (198)	4.1624E-05 (28)	3.7963E-05 (28)	2.8425E-05 (11)	1.4777E-05 (151)
34	3.8313E-05 (152)	3.5787E-05 (152)	3.3671E-05 (152)	2.1452E-05 (209)	1.5549E-05 (10)
35	3.7696E-05 (334)	3.5615E-05 (334)	3.1090E-05 (334)	1.4981E-05 (55)	1.0552E-05 (12)
36	4.4884E-05 (201)	4.4078E-05 (201)	4.2208E-05 (351)	3.3592E-05 (12)	1.5125E-05 (12)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 3.7874E-04 DIRECTION= 30 DISTANCE= 5.5 KM DAY=162 TIME PERIOD= 3

YEAR= 75

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	2.3918E-04 (118, 3)	2.3455E-04 (118, 3)	2.1805E-04 (118, 3)	8.7234E-05 (89, 4)	5.3963E-05 (50, 7)
2	3.1333E-04 (19, 5)	3.0381E-04 (19, 5)	2.8211E-04 (19, 5)	1.3615E-04 (104, 6)	6.4541E-05 (66, 4)
3	2.8739E-04 (24, 5)	2.7141E-04 (24, 5)	2.3548E-04 (100, 5)	1.0754E-04 (25, 5)	5.8445E-05 (71, 5)
4	2.6812E-04 (130, 5)	2.4847E-04 (130, 5)	2.3360E-04 (133, 4)	8.2371E-05 (153, 5)	5.4894E-05 (209, 6)
5	3.2214E-04 (186, 3)	3.1843E-04 (186, 3)	3.0033E-04 (186, 3)	1.1935E-04 (186, 3)	5.0445E-05 (186, 3)
6	2.1336E-04 (167, 3)	1.9687E-04 (167, 3)	1.7655E-04 (148, 5)	8.3649E-05 (91, 6)	5.0910E-05 (118, 7)
7	3.5546E-04 (80, 5)	3.3010E-04 (185, 5)	2.7608E-04 (185, 5)	7.4161E-05 (204, 4)	4.8653E-05 (166, 3)
8	2.6918E-04 (31, 5)	2.5060E-04 (225, 4)	2.1270E-04 (225, 4)	1.0472E-04 (90, 6)	5.0123E-05 (90, 4)
9	3.3396E-04 (125, 4)	3.1248E-04 (225, 4)	2.6974E-04 (225, 4)	1.1973E-04 (158, 3)	5.0742E-05 (1, 6)
10	2.6117E-04 (134, 6)	2.4311E-04 (134, 6)	2.1884E-04 (267, 4)	9.4174E-05 (187, 5)	4.8486E-05 (127, 6)
11	2.0028E-04 (126, 5)	1.8315E-04 (110, 5)	1.6032E-04 (225, 3)	9.5807E-05 (163, 6)	4.4185E-05 (124, 8)
12	1.8986E-04 (140, 6)	1.8090E-04 (157, 3)	1.6749E-04 (157, 3)	8.8459E-05 (95, 6)	5.6204E-05 (155, 7)
13	1.8838E-04 (155, 3)	1.9118E-04 (155, 3)	1.8813E-04 (155, 3)	9.3394E-05 (55, 3)	8.0634E-05 (256, 6)
14	2.1357E-04 (244, 5)	1.9693E-04 (244, 5)	1.6964E-04 (244, 5)	9.5072E-05 (328, 5)	6.9962E-05 (325, 7)
15	1.5311E-04 (177, 4)	1.4204E-04 (177, 4)	1.2440E-04 (177, 4)	1.0322E-04 (243, 5)	5.0293E-05 (270, 2)
16	1.7714E-04 (62, 5)	1.6944E-04 (62, 5)	1.6170E-04 (291, 5)	9.5382E-05 (298, 4)	6.2178E-05 (203, 7)
17	2.1203E-04 (328, 4)	2.0377E-04 (328, 4)	1.8419E-04 (328, 4)	9.4697E-05 (269, 2)	6.4393E-05 (270, 6)
18	1.8337E-04 (185, 4)	1.7484E-04 (185, 4)	1.6070E-04 (297, 3)	1.0656E-04 (326, 4)	6.2380E-05 (270, 4)
19	1.5280E-04 (94, 4)	1.4142E-04 (94, 4)	1.2179E-04 (94, 4)	6.5721E-05 (327, 2)	5.2787E-05 (96, 7)
20	2.3611E-04 (57, 4)	2.3349E-04 (57, 4)	2.2292E-04 (57, 4)	1.1236E-04 (301, 6)	5.9484E-05 (301, 6)
21	2.9062E-04 (56, 4)	2.7109E-04 (56, 4)	2.3626E-04 (56, 4)	1.0926E-04 (62, 3)	6.0802E-05 (353, 2)
22	2.4303E-04 (116, 3)	2.2821E-04 (116, 3)	2.0081E-04 (116, 3)	1.1613E-04 (176, 3)	7.2873E-05 (140, 3)
23	3.3582E-04 (85, 5)	3.1132E-04 (85, 5)	2.6426E-04 (85, 5)	1.0574E-04 (304, 2)	5.3449E-05 (181, 4)
24	2.4476E-04 (285, 5)	2.3004E-04 (285, 5)	1.9903E-04 (285, 5)	8.7745E-05 (332, 6)	7.7719E-05 (240, 7)
25	2.9469E-04 (276, 4)	2.8262E-04 (276, 4)	2.5581E-04 (276, 4)	1.1005E-04 (307, 1)	7.1360E-05 (320, 8)
26	2.8525E-04 (286, 5)	2.6918E-04 (286, 5)	2.3852E-04 (286, 5)	1.0891E-04 (345, 4)	5.8744E-05 (247, 3)
27	2.9053E-04 (182, 4)	2.6974E-04 (182, 4)	2.3514E-04 (345, 5)	1.1197E-04 (236, 3)	7.7459E-05 (123, 3)
28	2.9455E-04 (86, 5)	2.7781E-04 (86, 5)	2.4218E-04 (86, 5)	1.3174E-04 (112, 6)	6.5700E-05 (264, 2)
29	2.7326E-04 (132, 3)	2.5629E-04 (132, 3)	2.2634E-04 (210, 3)	9.7267E-05 (280, 3)	5.9423E-05 (113, 8)
30	3.7874E-04 (162, 3)	3.6929E-04 (162, 3)	3.4274E-04 (162, 3)	1.3561E-04 (162, 3)	6.6110E-05 (172, 3)
31	3.0271E-04 (168, 3)	2.9576E-04 (168, 3)	2.7449E-04 (168, 3)	1.0471E-04 (168, 3)	6.3498E-05 (210, 1)
32	3.2605E-04 (130, 4)	3.1127E-04 (130, 4)	2.7984E-04 (130, 4)	1.2256E-04 (274, 4)	6.2712E-05 (223, 3)
33	2.7806E-04 (274, 4)	2.6413E-04 (201, 3)	2.4516E-04 (201, 3)	1.0282E-04 (265, 7)	6.7330E-05 (209, 8)
34	2.7044E-04 (249, 3)	2.7382E-04 (249, 3)	2.6473E-04 (249, 3)	1.0587E-04 (152, 3)	5.4594E-05 (203, 3)
35	1.8971E-04 (147, 4)	1.8354E-04 (136, 4)	1.6942E-04 (136, 4)	7.0611E-05 (55, 1)	4.4847E-05 (231, 1)
36	3.0262E-04 (202, 4)	2.8487E-04 (202, 4)	2.4773E-04 (202, 4)	1.0710E-04 (151, 4)	6.1731E-05 (160, 3)

COMPOSITE HIGHEST,SECOND-HIGHEST 24-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	52	48	41	25	16
2	58	56	53	31	15
3	55	50	44	25	15
4	51	48	43	17	12
5	56	55	51	19	11
6	63	61	55	31	14
7	58	55	51	24	13
8	61	56	48	28	15
9	99	92	80	69	29
10	71	67	58	29	17
11	63	59	50	26	13
12	40	40	37	29	14
13	48	45	39	30	15
14	35	32	31	28	15
15	40	38	34	26	13
16	42	41	38	24	11
17	36	33	34	28	18
18	41	38	33	34	19
19	36	34	33	22	11
20	51	49	44	29	15
21	66	63	57	30	17
22	54	53	50	38	16
23	51	48	41	40	20
24	103	97	84	38	24
25	68	64	60	30	17
26	81	79	72	32	16
27	74	71	64	47	25
28	59	54	52	52	25
29	58	55	50	37	18
30	57	54	49	32	21
31	60	58	53	30	16
32	52	49	43	34	17
33	61	58	51	30	18
34	50	46	41	21	16
35	38	39	40	30	16
36	45.	44.	42.	34.	19.

COMPOSITE HIGHEST, SECOND-HIGHEST 3-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE DIR	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	267.	257.	224.	128.	70.
2	313.	304.	282.	136.	65.
3	287.	271.	235.	109.	62.
4	277.	272.	250.	93.	55.
5	322.	318.	300.	119.	56.
6	343.	323.	287.	118.	72.
7	355.	330.	276.	108.	80.
8	336.	329.	306.	119.	60.
9	439.	423.	374.	142.	78.
10	336.	319.	280.	133.	65.
11	292.	286.	273.	108.	58.
12	221.	215.	222.	121.	73.
13	278.	255.	235.	93.	84.
14	264.	252.	224.	128.	90.
15	243.	224.	210.	125.	86.
16	257.	239.	207.	109.	65.
17	259.	242.	212.	110.	64.
18	270.	262.	232.	107.	70.
19	248.	253.	236.	100.	60.
20	261.	265.	250.	112.	59.
21	291.	271.	243.	135.	66.
22	284.	269.	240.	116.	73.
23	336.	311.	264.	128.	69.
24	401.	381.	349.	135.	85.
25	315.	291.	262.	137.	86.
26	361.	347.	321.	123.	77.
27	295.	284.	257.	139.	92.
28	310.	288.	267.	140.	73.
29	334.	310.	274.	149.	77.
30	379.	369.	343.	136.	88.
31	303.	296.	274.	105.	80.
32	333.	318.	287.	123.	71.
33	347.	332.	313.	128.	74.
34	355.	329.	289.	120.	67.
35	225.	211.	187.	104.	76.
36	309.	305.	287.	118.	62.

TECO

UNITS 1, 2, AND 4 ONLY

PROJECTED 24- AND 3-HOUR SO_2

100 PERCENT LOAD

RING DISTANCES(KM)= 0.50 1.00 1.50 2.00 2.50

STACK # 1--TECO 1&2 100% 31.5T/H SO2
STACK # 2--TECO 4 100% 31.5T/H SO2

STACK	MONTH	EMISSION RATE (GMS/SEC)	HEIGHT (METERS)	DIAMETER (METERS)	EXIT VELOCITY (M/SEC)	TEMP (DEG.K)	VOLUMETRIC FLOW (M**3/SEC)
1	ALL	5249.0898	149.40	7.32	28.60	422.00	1203.59
2	ALL	709.4299	149.40	7.32	20.00	342.00	841.67

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 9.7704E-05 DIRECTION= 9 DISTANCE= 2.5 KM DAY=128

YEAR= 71

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	1.0414E-10 (238)	1.2178E-05 (236)	2.9691E-05 (236)	3.3673E-05 (236)	4.2156E-05 (229)
2	6.6067E-10 (238)	1.7416E-05 (234)	6.5350E-05 (236)	6.2792E-05 (236)	5.1510E-05 (260)
3	2.3096E-09 (238)	3.1735E-05 (236)	7.2686E-05 (236)	6.3870E-05 (236)	5.6179E-05 (236)
4	4.4555E-09 (238)	1.8118E-05 (236)	3.8630E-05 (236)	3.1302E-05 (236)	3.8418E-05 (177)
5	4.5871E-09 (234)	1.6268E-05 (215)	1.7166E-05 (206)	3.9226E-05 (206)	5.3280E-05 (206)
6	2.0479E-09 (234)	2.4972E-05 (230)	4.1133E-05 (230)	5.2476E-05 (206)	6.2910E-05 (234)
7	5.1470E-10 (234)	1.8706E-05 (238)	3.3677E-05 (234)	5.6512E-05 (103)	5.9816E-05 (230)
8	1.7532E-10 (159)	2.8598E-05 (230)	6.4767E-05 (238)	5.7356E-05 (238)	5.7246E-05 (128)
9	4.2677E-10 (159)	3.1053E-05 (194)	3.2904E-05 (230)	6.3273E-05 (128)	9.7704E-05 (128)
10	3.4475E-10 (159)	2.1834E-05 (194)	2.2163E-05 (217)	3.7932E-05 (220)	6.0317E-05 (220)
11	1.2989E-10 (159)	1.2441E-05 (257)	1.6143E-05 (217)	3.6011E-05 (197)	4.2410E-05 (198)
12	2.9318E-10 (159)	5.1035E-06 (217)	2.1907E-05 (198)	5.3841E-05 (198)	6.3797E-05 (257)
13	2.1962E-10 (262)	1.2436E-05 (257)	2.3227E-05 (159)	4.0705E-05 (198)	4.1167E-05 (257)
14	1.1652E-09 (262)	8.0684E-06 (262)	1.7831E-05 (257)	1.9092E-05 (104)	3.6869E-05 (159)
15	2.9166E-09 (159)	2.8409E-05 (262)	4.2279E-05 (262)	3.2059E-05 (222)	4.3595E-05 (159)
16	1.9217E-09 (159)	2.8988E-05 (159)	3.8414E-05 (159)	2.9615E-05 (159)	4.2888E-05 (121)
17	6.9771E-10 (159)	8.8292E-06 (159)	1.0358E-05 (159)	1.4947E-05 (164)	2.7294E-05 (317)
18	1.3958E-10 (159)	1.3363E-06 (159)	7.8048E-06 (173)	1.9353E-05 (173)	2.4949E-05 (164)
19	2.2737E-11 (263)	4.0094E-06 (262)	5.0375E-06 (257)	1.4061E-05 (257)	2.3124E-05 (257)
20	5.5588E-11 (263)	5.3576E-07 (98)	5.7932E-06 (98)	1.1053E-05 (46)	2.0448E-05 (98)
21	7.8021E-12 (262)	5.4289E-07 (137)	8.4067E-06 (137)	1.4265E-05 (157)	2.2696E-05 (157)
22	2.2785E-12 (164)	1.4154E-06 (164)	1.0603E-05 (164)	1.7005E-05 (137)	3.1014E-05 (164)
23	1.1862E-11 (240)	2.0621E-06 (164)	1.3167E-05 (156)	3.4752E-05 (156)	5.0101E-05 (164)
24	1.0994E-11 (231)	1.0769E-06 (231)	9.8425E-06 (90)	2.8720E-05 (90)	4.7648E-05 (90)
25	1.1902E-10 (231)	1.7303E-06 (152)	4.7994E-06 (152)	1.6862E-05 (90)	2.8240E-05 (90)
26	7.5202E-10 (231)	7.5144E-06 (152)	1.1639E-05 (156)	2.8596E-05 (152)	2.6499E-05 (101)
27	2.6285E-09 (231)	1.6181E-05 (240)	1.4171E-05 (101)	4.0333E-05 (101)	5.8067E-05 (152)
28	4.5971E-09 (240)	1.6439E-05 (231)	2.0830E-05 (231)	2.9488E-05 (231)	4.8540E-05 (101)
29	2.5331E-09 (240)	9.2684E-06 (152)	1.7609E-05 (231)	3.0520E-05 (138)	2.8764E-05 (152)
30	7.6911E-10 (240)	2.4545E-06 (152)	1.0568E-05 (207)	2.4629E-05 (182)	4.1989E-05 (182)
31	1.2867E-10 (240)	1.4878E-06 (218)	9.4278E-06 (236)	2.2068E-05 (236)	2.9418E-05 (236)
32	1.1862E-11 (240)	7.2824E-07 (230)	1.0960E-05 (230)	3.0525E-05 (230)	4.4919E-05 (218)
33	2.6136E-12 (218)	5.3089E-07 (230)	8.8875E-06 (230)	2.4423E-05 (230)	3.8342E-05 (218)
34	2.0427E-12 (211)	1.4620E-06 (218)	1.1743E-05 (218)	2.7786E-05 (259)	3.8951E-05 (218)
35	3.5897E-12 (211)	2.2914E-06 (211)	1.8669E-05 (211)	4.4892E-05 (211)	4.3470E-05 (211)
36	9.0448E-12 (238)	2.7069E-06 (236)	1.5493E-05 (229)	4.0753E-05 (229)	6.5177E-05 (229)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAX3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 5.7991E-04 DIRECTION= 3 DISTANCE= 1.5 KM DAY=236 TIME PERIOD= 5

YEAR= 71

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	8.3310E-10 (238, 4)	9.5464E-05 (236, 5)	2.0333E-04 (236, 5)	1.9402E-04 (229, 4)	2.8573E-04 (229, 4)
2	5.2854E-09 (238, 4)	1.3802E-04 (234, 4)	5.0803E-04 (236, 5)	4.6513E-04 (236, 5)	4.0879E-04 (260, 5)
3	1.8477E-08 (238, 4)	2.5376E-04 (236, 5)	5.7991E-04 (236, 5)	5.0136E-04 (234, 4)	3.9431E-04 (234, 4)
4	3.5591E-08 (238, 4)	1.4494E-04 (236, 5)	3.0900E-04 (236, 5)	2.5034E-04 (236, 5)	3.0735E-04 (177, 4)
5	3.6697E-08 (234, 4)	1.3014E-04 (215, 4)	1.1895E-04 (200, 4)	2.7977E-04 (200, 4)	4.0116E-04 (200, 4)
6	1.6383E-08 (234, 4)	1.6746E-04 (230, 5)	3.2670E-04 (230, 5)	2.8729E-04 (206, 5)	4.0579E-04 (200, 4)
7	7.1203E-09 (238, 4)	1.3423E-04 (234, 4)	2.4434E-04 (234, 4)	3.3120E-04 (103, 4)	4.0009E-04 (230, 5)
8	1.4025E-09 (159, 5)	2.2358E-04 (230, 5)	4.7730E-04 (230, 5)	4.2866E-04 (238, 5)	3.8942E-04 (238, 5)
9	3.4142E-09 (159, 5)	2.4832E-04 (194, 4)	2.3380E-04 (230, 5)	3.1120E-04 (230, 5)	4.6351E-04 (220, 5)
10	2.7580E-09 (159, 5)	1.7465E-04 (194, 4)	1.7731E-04 (217, 4)	2.6415E-04 (204, 5)	3.4022E-04 (238, 5)
11	1.0391E-09 (159, 5)	9.9486E-05 (257, 4)	1.2916E-04 (217, 4)	1.9564E-04 (195, 4)	2.5724E-04 (195, 4)
12	2.3454E-09 (159, 5)	4.0827E-05 (217, 4)	1.0505E-04 (198, 4)	2.6281E-04 (198, 4)	3.9392E-04 (198, 4)
13	1.7569E-09 (262, 4)	9.9486E-05 (257, 4)	1.5355E-04 (159, 5)	1.3523E-04 (198, 5)	1.8931E-04 (198, 5)
14	9.3215E-09 (262, 4)	6.4547E-05 (262, 4)	1.4265E-04 (257, 4)	1.1831E-04 (257, 4)	1.9785E-04 (104, 4)
15	2.3333E-08 (159, 5)	2.2727E-04 (262, 4)	3.3823E-04 (262, 4)	2.5485E-04 (262, 4)	2.9297E-04 (222, 4)
16	1.5374E-08 (159, 5)	2.3191E-04 (159, 5)	3.0731E-04 (159, 5)	2.3691E-04 (159, 5)	2.2648E-04 (169, 4)
17	5.5817E-09 (159, 5)	7.0634E-05 (159, 5)	8.2861E-05 (159, 5)	1.1958E-04 (164, 4)	1.9734E-04 (317, 4)
18	1.1167E-09 (159, 5)	1.0691E-05 (159, 5)	6.2438E-05 (173, 4)	1.5483E-04 (173, 4)	1.9805E-04 (164, 4)
19	1.8190E-10 (263, 5)	3.2075E-05 (262, 4)	4.0297E-05 (257, 4)	1.1237E-04 (257, 4)	1.8439E-04 (257, 4)
20	4.4470E-10 (263, 5)	4.2861E-06 (98, 4)	4.6346E-05 (98, 4)	8.8425E-05 (46, 5)	1.6358E-04 (98, 4)
21	6.2417E-11 (262, 4)	3.7855E-06 (157, 4)	4.3556E-05 (157, 4)	1.1267E-04 (137, 4)	1.8157E-04 (157, 4)
22	1.6649E-11 (164, 4)	8.9405E-06 (164, 4)	6.7771E-05 (164, 4)	1.1920E-04 (124, 4)	1.8009E-04 (124, 4)
23	9.4897E-11 (240, 4)	8.9405E-06 (164, 4)	6.1497E-05 (156, 4)	1.5259E-04 (164, 4)	2.1456E-04 (270, 4)
24	8.2349E-11 (231, 4)	6.6471E-06 (164, 5)	6.6325E-05 (90, 4)	1.7152E-04 (156, 4)	2.6733E-04 (90, 4)
25	9.4814E-10 (231, 4)	1.3842E-05 (152, 4)	4.3754E-05 (231, 5)	9.8098E-05 (90, 4)	1.4004E-04 (231, 5)
26	4.0152E-09 (231, 4)	6.0115E-05 (152, 4)	5.4805E-05 (156, 5)	1.3194E-04 (156, 5)	1.8670E-04 (156, 5)
27	2.1028E-08 (231, 4)	1.2944E-04 (240, 4)	1.0445E-04 (240, 4)	2.0084E-04 (101, 5)	3.0147E-04 (101, 5)
28	3.6777E-08 (240, 4)	1.3149E-04 (231, 4)	1.6312E-04 (231, 4)	2.1689E-04 (231, 4)	2.8737E-04 (101, 5)
29	2.0265E-08 (240, 4)	7.4140E-05 (152, 4)	1.3921E-04 (231, 4)	2.3597E-04 (138, 5)	2.3011E-04 (152, 4)
30	6.1528E-09 (240, 4)	1.9636E-05 (152, 4)	8.4544E-05 (207, 4)	1.9659E-04 (182, 4)	3.3501E-04 (182, 4)
31	1.0294E-09 (240, 4)	1.1900E-05 (218, 4)	7.5384E-05 (236, 5)	1.7645E-04 (236, 5)	2.3521E-04 (236, 5)
32	9.4897E-11 (240, 4)	5.8224E-06 (230, 4)	8.4151E-05 (230, 4)	2.3233E-04 (230, 4)	3.2963E-04 (218, 4)
33	2.0182E-11 (218, 4)	4.2445E-06 (230, 4)	7.0110E-05 (230, 4)	1.8824E-04 (230, 4)	2.5727E-04 (218, 4)
34	1.6341E-11 (211, 4)	9.1829E-06 (211, 4)	7.2183E-05 (218, 5)	1.7235E-04 (218, 5)	2.3887E-04 (260, 4)
35	2.8718E-11 (211, 4)	1.8278E-05 (211, 4)	1.3781E-04 (260, 4)	3.3244E-04 (260, 4)	4.6600E-04 (211, 4)
36	7.2358E-11 (238, 4)	2.0482E-05 (236, 5)	1.1122E-04 (229, 4)	2.9113E-04 (229, 4)	3.5135E-04 (260, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 9.3765E-05 DIRECTION= 9 DISTANCE= 1.5 KM DAY=249

YEAR= 72

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	2.8044E-12 (211)	1.3517E-06 (211)	8.0134E-06 (136)	1.9164E-05 (113)	3.1250E-05 (211)
2	1.8213E-11 (241)	2.7377E-06 (241)	9.7106E-06 (110)	2.3987E-05 (111)	3.5827E-05 (55)
3	1.3088E-10 (229)	1.2751E-05 (241)	1.5646E-05 (215)	3.1026E-05 (135)	4.9379E-05 (135)
4	8.5568E-10 (229)	1.2468E-05 (215)	1.2956E-05 (206)	3.0286E-05 (195)	4.3899E-05 (150)
5	2.9913E-09 (229)	2.1954E-05 (206)	2.8460E-05 (229)	4.8380E-05 (211)	6.8477E-05 (211)
6	5.7620E-09 (229)	4.0545E-05 (238)	5.0174E-05 (238)	4.7745E-05 (211)	4.3351E-05 (261)
7	6.1160E-09 (229)	4.8327E-05 (229)	6.4586E-05 (238)	5.4237E-05 (238)	6.7740E-05 (194)
8	4.4504E-09 (207)	3.9684E-05 (222)	6.3778E-05 (249)	5.5119E-05 (216)	4.8865E-05 (195)
9	4.7221E-09 (207)	4.7585E-05 (207)	9.3765E-05 (249)	7.6557E-05 (207)	8.9485E-05 (242)
10	2.7617E-09 (207)	4.4147E-05 (150)	6.5281E-05 (189)	6.4735E-05 (183)	8.4417E-05 (242)
11	2.7016E-09 (222)	2.1840E-05 (150)	2.7956E-05 (189)	2.3332E-05 (242)	3.7296E-05 (131)
12	7.5311E-10 (222)	5.7593E-06 (222)	1.3059E-05 (222)	1.6590E-05 (222)	1.9236E-05 (184)
13	1.0920E-10 (222)	6.6115E-07 (150)	4.8518E-06 (23)	1.4260E-05 (184)	2.2868E-05 (23)
14	5.5455E-11 (247)	4.7365E-07 (289)	5.4587E-06 (289)	1.3780E-05 (282)	2.2779E-05 (289)
15	4.7395E-10 (247)	1.7746E-06 (247)	2.8489E-06 (263)	9.8608E-06 (240)	1.7279E-05 (240)
16	1.5348E-10 (184)	1.1732E-06 (263)	9.7093E-06 (247)	8.4943E-06 (240)	1.4856E-05 (93)
17	9.4626E-10 (189)	3.9988E-06 (189)	1.6258E-05 (263)	2.1659E-05 (247)	1.8328E-05 (247)
18	3.5120E-09 (189)	1.8687E-05 (189)	1.8007E-05 (189)	3.0919E-05 (263)	3.5449E-05 (247)
19	6.5252E-09 (247)	3.8501E-05 (247)	3.9647E-05 (247)	2.7344E-05 (247)	3.6844E-05 (252)
20	5.4183E-09 (163)	3.5799E-05 (163)	4.7445E-05 (163)	3.6883E-05 (163)	4.7125E-05 (252)
21	5.1721E-09 (189)	5.0192E-05 (189)	6.9762E-05 (163)	5.5817E-05 (163)	4.5961E-05 (163)
22	1.9479E-09 (189)	3.5799E-05 (163)	4.7469E-05 (163)	3.7208E-05 (163)	3.0449E-05 (163)
23	8.5568E-10 (248)	2.9892E-05 (189)	5.4049E-05 (189)	4.9109E-05 (189)	4.6736E-05 (189)
24	4.9950E-10 (163)	4.2473E-05 (247)	6.7378E-05 (247)	4.6901E-05 (247)	5.5130E-05 (158)
25	3.4880E-10 (247)	4.4371E-05 (248)	8.0068E-05 (186)	6.1738E-05 (186)	5.3155E-05 (156)
26	3.0928E-10 (247)	4.7585E-05 (248)	7.3248E-05 (156)	6.4197E-05 (156)	5.8277E-05 (156)
27	1.5514E-10 (247)	2.4374E-05 (247)	3.9530E-05 (156)	3.3287E-05 (156)	3.3426E-05 (339)
28	4.3839E-11 (247)	6.7418E-06 (248)	1.0522E-05 (163)	2.2370E-05 (154)	3.3596E-05 (339)
29	6.9511E-12 (247)	1.2506E-06 (248)	9.6853E-06 (186)	2.2821E-05 (186)	3.2259E-05 (186)
30	2.4519E-12 (212)	2.6433E-06 (248)	8.8894E-06 (241)	1.4736E-05 (228)	3.0931E-05 (228)
31	5.3405E-12 (212)	4.0769E-06 (163)	8.5835E-06 (223)	2.1383E-05 (196)	3.5382E-05 (196)
32	3.8255E-12 (212)	1.1224E-06 (196)	9.5300E-06 (196)	1.8991E-05 (212)	3.1276E-05 (307)
33	9.0124E-13 (212)	1.0838E-06 (196)	9.1960E-06 (196)	2.1130E-05 (229)	3.2166E-05 (196)
34	7.9472E-12 (215)	6.2263E-07 (186)	4.7654E-06 (186)	1.1055E-05 (240)	1.9318E-05 (240)
35	1.0313E-11 (248)	3.7420E-07 (136)	3.8517E-06 (262)	1.0661E-05 (238)	1.9244E-05 (139)
36	2.1881E-12 (136)	1.1889E-06 (136)	5.0862E-06 (315)	1.4876E-05 (315)	2.7066E-05 (64)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 7.5012E-04 DIRECTION= 9 DISTANCE= 1.5 KM DAY=249 TIME PERIOD= 4

YEAR= 72

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	2.2435E-11 (211, 4)	1.0812E-05 (211, 4)	6.4106E-05 (136, 4)	1.4684E-04 (136, 4)	2.1764E-04 (25, 5)
2	1.4571E-10 (241, 5)	2.1902E-05 (241, 5)	6.2417E-05 (110, 5)	1.2340E-04 (55, 5)	2.0103E-04 (110, 5)
3	1.0790E-09 (229, 4)	1.0201E-04 (241, 5)	1.2517E-04 (215, 4)	2.0555E-04 (135, 5)	2.9373E-04 (135, 5)
4	6.8454E-09 (229, 4)	9.9746E-05 (215, 4)	9.2202E-05 (110, 5)	2.3083E-04 (102, 5)	3.0550E-04 (241, 5)
5	2.3930E-08 (229, 4)	1.7201E-04 (206, 4)	2.2690E-04 (229, 4)	2.5867E-04 (102, 5)	3.6506E-04 (241, 5)
6	4.6096E-08 (229, 4)	3.2436E-04 (238, 5)	4.0136E-04 (238, 5)	3.1655E-04 (238, 5)	3.9865E-04 (211, 5)
7	4.8927E-08 (229, 4)	3.8423E-04 (229, 4)	5.1660E-04 (238, 5)	4.3352E-04 (238, 5)	3.7212E-04 (298, 5)
8	3.5591E-08 (207, 4)	3.1747E-04 (222, 4)	5.1016E-04 (249, 4)	3.9950E-04 (249, 4)	3.9370E-04 (216, 5)
9	3.7776E-08 (207, 4)	3.8067E-04 (207, 4)	7.5012E-04 (249, 4)	6.0437E-04 (249, 4)	5.1701E-04 (222, 4)
10	2.2094E-08 (207, 4)	3.5318E-04 (150, 5)	5.2225E-04 (189, 4)	4.3358E-04 (189, 4)	4.7419E-04 (183, 5)
11	2.1613E-08 (222, 4)	1.7472E-04 (150, 5)	2.2364E-04 (189, 4)	1.7440E-04 (189, 4)	2.5253E-04 (248, 5)
12	6.0249E-09 (222, 4)	4.6032E-05 (222, 4)	1.0251E-04 (222, 4)	1.2519E-04 (222, 4)	1.1989E-04 (222, 4)
13	8.7362E-10 (222, 4)	5.2892E-06 (150, 5)	3.8814E-05 (23, 5)	1.1042E-04 (23, 5)	1.5778E-04 (146, 4)
14	4.4364E-10 (247, 5)	3.7855E-06 (289, 4)	4.3556E-05 (289, 4)	1.1024E-04 (282, 4)	1.8157E-04 (289, 4)
15	3.7916E-09 (247, 5)	1.4197E-05 (247, 5)	2.2441E-05 (198, 6)	7.8887E-05 (240, 5)	1.3823E-04 (240, 5)
16	1.2278E-09 (184, 4)	8.2668E-06 (263, 4)	7.7431E-05 (247, 5)	6.7954E-05 (240, 5)	1.1857E-04 (93, 5)
17	7.5701E-09 (189, 5)	3.1990E-05 (189, 5)	8.3988E-05 (263, 4)	1.6200E-04 (247, 5)	1.2707E-04 (247, 5)
18	2.8096E-08 (189, 5)	1.4942E-04 (189, 5)	1.4261E-04 (189, 5)	1.9841E-04 (263, 5)	2.1494E-04 (247, 5)
19	5.2202E-08 (247, 5)	3.0797E-04 (247, 5)	3.1019E-04 (247, 5)	1.9117E-04 (247, 5)	1.7433E-04 (260, 4)
20	4.3347E-08 (163, 4)	2.8639E-04 (163, 4)	3.7956E-04 (163, 4)	2.9507E-04 (163, 4)	2.3705E-04 (163, 4)
21	4.1376E-08 (189, 5)	3.9972E-04 (189, 5)	5.2393E-04 (189, 5)	3.9107E-04 (189, 5)	3.0992E-04 (189, 5)
22	1.5583E-08 (189, 5)	2.8639E-04 (163, 4)	3.7975E-04 (163, 4)	2.9766E-04 (163, 4)	2.4359E-04 (163, 4)
23	6.8454E-09 (248, 5)	2.3834E-04 (189, 5)	4.1292E-04 (189, 5)	3.3620E-04 (189, 5)	3.2078E-04 (158, 5)
24	3.9960E-09 (163, 4)	2.0922E-04 (247, 4)	3.4318E-04 (247, 4)	2.9312E-04 (156, 4)	3.7529E-04 (158, 5)
25	1.7337E-09 (247, 5)	2.9414E-04 (186, 4)	5.1142E-04 (156, 4)	4.3925E-04 (156, 4)	3.7569E-04 (247, 4)
26	1.7337E-09 (247, 5)	2.6581E-04 (156, 4)	5.0408E-04 (248, 5)	4.0193E-04 (248, 5)	4.0210E-04 (156, 4)
27	9.5528E-10 (247, 5)	1.5186E-04 (156, 4)	2.5185E-04 (248, 5)	2.0865E-04 (247, 4)	2.4377E-04 (267, 4)
28	2.9005E-10 (247, 5)	5.3726E-05 (248, 5)	7.9991E-05 (156, 4)	1.2590E-04 (339, 4)	2.2928E-04 (339, 4)
29	4.8526E-11 (247, 5)	8.9013E-06 (186, 5)	6.7790E-05 (186, 5)	1.5338E-04 (214, 4)	2.1900E-04 (214, 4)
30	1.4972E-10 (248, 4)	2.0684E-05 (248, 4)	7.1047E-05 (241, 4)	1.1217E-04 (251, 4)	2.2139E-04 (228, 3)
31	4.2724E-11 (212, 5)	3.2615E-05 (163, 4)	6.8652E-05 (223, 4)	1.6145E-04 (223, 4)	2.2679E-04 (223, 4)
32	3.0604E-11 (212, 5)	8.3413E-06 (212, 5)	5.5719E-05 (212, 5)	1.1900E-04 (212, 5)	1.9110E-04 (229, 4)
33	7.2097E-12 (212, 5)	8.3196E-06 (186, 4)	6.6726E-05 (186, 4)	1.6006E-04 (186, 4)	2.2707E-04 (186, 4)
34	6.3577E-11 (215, 4)	4.9810E-06 (186, 4)	3.8123E-05 (186, 4)	8.8134E-05 (186, 4)	1.5051E-04 (223, 4)
35	8.2501E-11 (248, 4)	2.9936E-06 (136, 4)	3.0813E-05 (262, 4)	8.5289E-05 (238, 4)	1.5395E-04 (139, 4)
36	1.7505E-11 (130, 4)	9.5114E-06 (136, 4)	3.9690E-05 (315, 4)	1.1603E-04 (64, 4)	2.1653E-04 (64, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.0977E-04 DIRECTION= 6 DISTANCE= 1.5 KM DAY=222

YEAR= 73

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	1.0274E-09 (236)	2.5106E-05 (163)	4.5314E-05 (199)	3.5213E-05 (199)	3.7454E-05 (160)
2	2.0662E-09 (236)	3.2375E-05 (236)	4.8571E-05 (236)	4.9038E-05 (199)	4.0349E-05 (199)
3	3.8123E-09 (236)	3.3473E-05 (199)	5.8801E-05 (173)	6.1265E-05 (236)	5.6738E-05 (215)
4	2.8871E-09 (192)	4.2770E-05 (222)	9.3707E-05 (173)	7.8118E-05 (173)	6.8995E-05 (173)
5	3.8906E-09 (222)	7.1835E-05 (222)	9.4522E-05 (222)	8.9177E-05 (192)	9.1959E-05 (192)
6	4.9381E-09 (222)	7.1405E-05 (182)	1.0977E-04 (222)	8.5168E-05 (222)	7.3371E-05 (209)
7	3.4549E-09 (222)	4.8378E-05 (222)	6.8684E-05 (222)	6.5863E-05 (187)	9.0321E-05 (187)
8	1.3350E-09 (222)	1.6710E-05 (222)	2.9641E-05 (222)	5.8276E-05 (185)	7.8038E-05 (236)
9	3.8572E-10 (259)	3.7606E-06 (259)	2.4117E-05 (132)	6.4297E-05 (132)	8.6393E-05 (152)
10	5.6803E-10 (218)	1.9017E-05 (259)	2.7928E-05 (259)	4.4091E-05 (132)	6.6350E-05 (140)
11	9.5734E-11 (218)	5.1601E-06 (218)	1.4643E-05 (169)	3.6880E-05 (208)	5.1268E-05 (169)
12	5.8874E-11 (235)	1.2954E-06 (143)	9.2155E-06 (143)	2.0551E-05 (143)	3.5927E-05 (100)
13	4.2079E-10 (235)	1.6824E-06 (235)	4.8548E-06 (197)	1.4762E-05 (103)	2.6743E-05 (103)
14	1.6572E-09 (235)	8.2758E-06 (235)	1.0753E-05 (119)	2.0213E-05 (197)	2.8564E-05 (197)
15	6.7577E-10 (131)	2.0537E-05 (235)	1.5331E-05 (235)	1.6925E-05 (118)	3.0480E-05 (119)
16	2.2257E-09 (131)	2.5331E-05 (235)	1.9321E-05 (235)	2.1940E-05 (95)	3.3960E-05 (95)
17	4.0392E-09 (131)	3.0393E-05 (238)	3.2653E-05 (238)	2.4126E-05 (238)	2.5543E-05 (95)
18	4.0392E-09 (131)	4.3869E-05 (119)	5.6016E-05 (238)	4.3070E-05 (238)	3.6965E-05 (221)
19	2.2257E-09 (131)	1.3903E-05 (119)	2.1797E-05 (233)	2.5655E-05 (233)	3.0088E-05 (233)
20	1.5145E-09 (221)	1.6197E-05 (238)	1.6314E-05 (238)	2.9731E-05 (183)	4.6406E-05 (183)
21	2.4976E-09 (191)	3.3052E-05 (221)	5.0199E-05 (221)	4.4743E-05 (221)	4.2602E-05 (183)
22	5.0198E-09 (221)	5.0428E-05 (221)	7.9239E-05 (221)	7.1639E-05 (191)	6.7460E-05 (221)
23	4.4281E-09 (221)	3.8952E-05 (221)	6.7933E-05 (221)	7.6997E-05 (221)	8.7171E-05 (221)
24	1.9227E-09 (221)	1.5269E-05 (221)	3.0360E-05 (221)	4.3112E-05 (221)	5.4849E-05 (221)
25	1.1695E-09 (232)	2.2233E-05 (260)	5.2210E-05 (191)	4.9338E-05 (191)	5.7982E-05 (240)
26	1.1872E-09 (191)	1.7073E-05 (232)	1.4818E-05 (191)	3.5509E-05 (154)	5.5343E-05 (154)
27	1.7166E-10 (191)	2.6139E-05 (232)	2.1927E-05 (232)	3.5992E-05 (158)	5.2136E-05 (154)
28	7.3575E-11 (260)	1.1771E-05 (260)	1.9482E-05 (232)	3.8876E-05 (239)	5.7521E-05 (239)
29	1.7987E-10 (233)	2.3515E-06 (260)	1.0907E-05 (238)	3.2272E-05 (238)	5.5715E-05 (238)
30	3.5508E-10 (232)	1.4194E-06 (232)	8.2385E-06 (171)	2.1899E-05 (171)	3.6425E-05 (171)
31	4.6806E-11 (232)	5.1080E-06 (261)	1.3878E-05 (171)	2.2758E-05 (233)	2.7636E-05 (217)
32	5.5978E-11 (261)	2.0686E-05 (261)	4.4835E-05 (261)	4.7946E-05 (233)	6.5891E-05 (224)
33	1.0159E-10 (261)	4.1627E-05 (261)	5.5720E-05 (233)	5.3022E-05 (224)	7.4556E-05 (202)
34	1.0159E-10 (261)	2.0385E-05 (233)	2.3861E-05 (233)	3.7359E-05 (217)	5.4581E-05 (217)
35	6.7769E-10 (199)	2.0686E-05 (261)	4.4835E-05 (261)	3.3211E-05 (261)	4.2325E-05 (177)
36	2.1817E-10 (236)	1.4463E-05 (199)	1.8541E-05 (160)	4.1908E-05 (160)	5.5969E-05 (160)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 7.5615E-04 DIRECTION= S DISTANCE= 1.5 KM DAY=222 TIME PERIOD= 4

YEAR= 73

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	8.2195E-09 (230, 4)	2.0056E-04 (163, 4)	3.6251E-04 (199, 4)	2.8170E-04 (199, 4)	2.6047E-04 (160, 4)
2	2.1329E-08 (230, 4)	2.5900E-04 (236, 4)	3.8857E-04 (236, 4)	2.9823E-04 (236, 4)	3.2279E-04 (199, 4)
3	3.0498E-08 (230, 4)	2.6779E-04 (199, 4)	4.6900E-04 (173, 5)	3.6573E-04 (173, 5)	3.9511E-04 (151, 5)
4	2.3097E-08 (192, 4)	2.9788E-04 (236, 4)	5.8359E-04 (182, 4)	4.8221E-04 (182, 4)	4.3693E-04 (182, 4)
5	3.1124E-08 (222, 4)	4.2622E-04 (182, 4)	7.5615E-04 (222, 4)	6.5697E-04 (192, 4)	6.0681E-04 (192, 4)
6	3.9503E-08 (222, 4)	4.0908E-04 (192, 4)	6.7624E-04 (192, 4)	5.6034E-04 (192, 4)	4.9530E-04 (192, 4)
7	2.7627E-08 (222, 4)	3.8354E-04 (222, 4)	5.2601E-04 (222, 4)	3.9462E-04 (222, 4)	4.6266E-04 (216, 5)
8	1.0646E-08 (222, 4)	1.2258E-04 (222, 4)	1.5116E-04 (222, 4)	3.1420E-04 (185, 4)	4.2250E-04 (185, 4)
9	3.0857E-09 (259, 4)	2.6299E-05 (259, 4)	1.0744E-04 (132, 5)	2.7326E-04 (132, 5)	4.1515E-04 (132, 5)
10	4.5442E-09 (218, 4)	1.4920E-04 (259, 4)	1.9050E-04 (259, 4)	2.3115E-04 (208, 4)	2.9888E-04 (140, 4)
11	7.6587E-10 (218, 4)	4.1252E-05 (218, 4)	1.1695E-04 (208, 4)	2.9503E-04 (208, 4)	3.5166E-04 (259, 4)
12	4.7099E-10 (235, 5)	1.0330E-05 (143, 5)	7.2081E-05 (143, 5)	1.5784E-04 (143, 5)	2.0317E-04 (143, 5)
13	3.3663E-09 (235, 5)	1.3252E-05 (235, 5)	3.8831E-05 (197, 5)	9.4463E-05 (103, 5)	1.5480E-04 (103, 5)
14	1.3258E-08 (235, 5)	6.6192E-05 (235, 5)	7.4237E-05 (138, 4)	1.6170E-04 (197, 5)	2.2851E-04 (197, 5)
15	5.4062E-09 (131, 4)	1.2036E-04 (119, 4)	1.2265E-04 (235, 5)	9.6343E-05 (138, 4)	1.8360E-04 (118, 4)
16	1.7806E-08 (131, 4)	2.2585E-04 (119, 4)	3.1958E-04 (119, 5)	2.4774E-04 (119, 5)	2.0850E-04 (95, 5)
17	3.2314E-08 (131, 4)	2.4315E-04 (238, 5)	4.6989E-04 (119, 5)	3.7478E-04 (119, 5)	3.0846E-04 (119, 5)
18	3.2314E-08 (131, 4)	2.5337E-04 (119, 5)	3.1958E-04 (119, 5)	2.4774E-04 (119, 5)	2.2320E-04 (190, 5)
19	1.7806E-08 (131, 4)	8.8757E-05 (119, 5)	1.5304E-04 (233, 5)	1.6436E-04 (103, 4)	2.1779E-04 (238, 5)
20	1.2116E-08 (221, 5)	1.2958E-04 (238, 5)	1.3051E-04 (238, 5)	1.4600E-04 (183, 4)	2.1197E-04 (183, 4)
21	1.0059E-08 (191, 4)	2.6326E-04 (221, 5)	3.7294E-04 (221, 5)	2.8830E-04 (221, 5)	3.4535E-04 (183, 4)
22	2.9359E-08 (191, 4)	2.4866E-04 (191, 4)	3.9549E-04 (191, 4)	3.5423E-04 (191, 4)	3.8445E-04 (233, 4)
23	4.3898E-08 (191, 5)	3.8725E-04 (191, 5)	5.3137E-04 (191, 5)	4.7046E-04 (221, 5)	4.5968E-04 (221, 5)
24	3.7263E-08 (191, 4)	3.2937E-04 (191, 4)	4.5544E-04 (191, 5)	3.5971E-04 (191, 5)	3.5799E-04 (120, 4)
25	1.7172E-08 (191, 4)	1.4548E-04 (191, 5)	2.3702E-04 (191, 4)	2.6137E-04 (191, 4)	2.5278E-04 (260, 5)
26	5.1364E-09 (191, 5)	1.3658E-04 (232, 4)	1.0119E-04 (232, 4)	1.7860E-04 (154, 5)	2.5452E-04 (154, 5)
27	1.2773E-09 (260, 5)	2.0911E-04 (232, 4)	1.7504E-04 (232, 4)	2.8188E-04 (158, 4)	3.5887E-04 (260, 5)
28	5.8860E-10 (260, 5)	9.3834E-05 (260, 5)	1.5585E-04 (232, 4)	1.9717E-04 (238, 4)	3.0960E-04 (238, 4)
29	1.4390E-09 (233, 5)	1.8786E-05 (260, 5)	6.2207E-05 (232, 4)	1.4145E-04 (158, 4)	2.3953E-04 (238, 3)
30	2.8407E-09 (232, 4)	1.1355E-05 (232, 4)	6.5740E-05 (171, 4)	1.5918E-04 (204, 5)	2.7136E-04 (238, 3)
31	3.7445E-10 (232, 4)	4.0864E-05 (261, 4)	1.0861E-04 (171, 4)	1.8207E-04 (233, 5)	2.0627E-04 (204, 5)
32	4.4782E-10 (261, 4)	1.6548E-04 (261, 4)	3.5868E-04 (261, 4)	2.6569E-04 (261, 4)	3.1446E-04 (233, 5)
33	8.1271E-10 (261, 4)	3.3302E-04 (261, 4)	4.4576E-04 (233, 5)	3.5309E-04 (233, 5)	4.0105E-04 (224, 5)
34	8.1271E-10 (261, 4)	1.6308E-04 (233, 5)	1.9089E-04 (233, 5)	2.1932E-04 (217, 4)	3.4424E-04 (217, 4)
35	5.4215E-09 (199, 4)	1.6548E-04 (261, 4)	3.5868E-04 (261, 4)	2.6569E-04 (261, 4)	2.2708E-04 (150, 4)
36	1.7454E-09 (230, 4)	1.1570E-04 (199, 4)	1.2318E-04 (199, 4)	2.0144E-04 (160, 4)	2.5966E-04 (160, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 9.3960E-05 DIRECTION= 27 DISTANCE= 1.5 KM DAY=180

YEAR= 74

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	3.1631E-09 (237)	1.7168E-05 (161)	1.7394E-05 (237)	3.6494E-05 (242)	4.6982E-05 (221)
2	8.0316E-10 (237)	1.0523E-05 (161)	1.5376E-05 (207)	3.7278E-05 (207)	3.8686E-05 (221)
3	1.3308E-09 (199)	1.0588E-05 (199)	1.8621E-05 (152)	3.7465E-05 (207)	5.1189E-05 (152)
4	8.3146E-10 (221)	1.6319E-05 (200)	3.5700E-05 (199)	2.7920E-05 (200)	4.8571E-05 (229)
5	1.2348E-10 (221)	3.5350E-05 (200)	5.6698E-05 (199)	4.5927E-05 (158)	6.2634E-05 (200)
6	5.6756E-10 (156)	3.7279E-05 (199)	4.1653E-05 (199)	4.7069E-05 (151)	7.0367E-05 (151)
7	1.6891E-09 (199)	1.8375E-05 (156)	2.4809E-05 (156)	4.5999E-05 (190)	5.9868E-05 (197)
8	4.0407E-10 (199)	2.0910E-05 (109)	4.2791E-05 (109)	3.9110E-05 (197)	5.6991E-05 (148)
9	1.0891E-10 (223)	3.1811E-05 (109)	6.5379E-05 (156)	5.5623E-05 (156)	6.6780E-05 (173)
10	2.0973E-10 (223)	2.4049E-05 (109)	4.9925E-05 (109)	4.3131E-05 (156)	5.9276E-05 (173)
11	2.2260E-10 (223)	1.6461E-05 (223)	1.6966E-05 (109)	2.3529E-05 (200)	4.0270E-05 (167)
12	1.7339E-10 (211)	8.7956E-06 (223)	9.2329E-06 (167)	2.6854E-05 (167)	4.7491E-05 (167)
13	4.1956E-11 (223)	2.3204E-06 (223)	8.1833E-06 (237)	1.9238E-05 (237)	2.6999E-05 (237)
14	1.1024E-11 (234)	1.3757E-06 (234)	2.6710E-06 (237)	8.4325E-06 (99)	1.9292E-05 (99)
15	5.1917E-11 (234)	8.4748E-06 (234)	1.7977E-05 (234)	1.2668E-05 (234)	1.4391E-05 (96)
16	1.5978E-11 (211)	1.5948E-06 (211)	6.4546E-06 (282)	1.8406E-05 (282)	3.3455E-05 (338)
17	2.3319E-11 (243)	1.5771E-06 (243)	5.0413E-06 (282)	1.4566E-05 (282)	2.7922E-05 (338)
18	1.3887E-10 (196)	9.0601E-06 (243)	1.5004E-05 (243)	2.0523E-05 (108)	3.3168E-05 (108)
19	2.5295E-10 (243)	1.1210E-05 (234)	2.4471E-05 (234)	1.7641E-05 (234)	2.5130E-05 (108)
20	3.6600E-10 (233)	2.4737E-05 (196)	2.5625E-05 (196)	1.9549E-05 (114)	3.2834E-05 (282)
21	1.7236E-09 (233)	2.5864E-05 (243)	4.7693E-05 (243)	3.7715E-05 (196)	3.5957E-05 (264)
22	3.9089E-09 (196)	4.3282E-05 (196)	4.7483E-05 (196)	3.4718E-05 (196)	4.0565E-05 (171)
23	2.0933E-09 (204)	4.7639E-05 (190)	8.0647E-05 (190)	6.2856E-05 (190)	5.2894E-05 (171)
24	4.2798E-09 (204)	4.7639E-05 (190)	7.5269E-05 (233)	5.8518E-05 (233)	5.1416E-05 (190)
25	2.1876E-09 (233)	2.3673E-05 (190)	3.8554E-05 (260)	3.5844E-05 (110)	5.4335E-05 (305)
26	2.9913E-09 (172)	3.6688E-05 (204)	6.0642E-05 (180)	6.0439E-05 (180)	6.3280E-05 (305)
27	5.2318E-09 (227)	5.3826E-05 (180)	9.3960E-05 (180)	7.6743E-05 (260)	7.7731E-05 (110)
28	5.2318E-09 (227)	4.7815E-05 (172)	9.2614E-05 (227)	7.2825E-05 (227)	6.6383E-05 (116)
29	3.2820E-09 (240)	3.1274E-05 (227)	5.6967E-05 (243)	4.3708E-05 (243)	4.3034E-05 (240)
30	3.5995E-09 (159)	2.5682E-05 (240)	4.3694E-05 (164)	3.4823E-05 (240)	4.0636E-05 (240)
31	5.9556E-09 (240)	3.2461E-05 (243)	4.1836E-05 (159)	4.2334E-05 (237)	5.8835E-05 (237)
32	4.7783E-09 (221)	3.9411E-05 (221)	5.3363E-05 (159)	4.9915E-05 (97)	4.6356E-05 (221)
33	6.1627E-09 (159)	4.4412E-05 (97)	6.1144E-05 (97)	6.2789E-05 (97)	6.9092E-05 (97)
34	5.0461E-09 (221)	3.0902E-05 (237)	3.4896E-05 (237)	5.3380E-05 (159)	5.3941E-05 (221)
35	3.4565E-09 (221)	2.1668E-05 (221)	3.2715E-05 (221)	4.7218E-05 (237)	4.8831E-05 (242)
36	4.8503E-09 (221)	3.0790E-05 (221)	4.3946E-05 (221)	3.6807E-05 (242)	3.7012E-05 (144)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 7.5168E-04 DIRECTION= 27 DISTANCE= 1.5 KM DAY=180 TIME PERIOD= 4

YEAR= 74

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
DIR					
1	2.5305E-08 (237, 5)	1.3734E-04 (161, 4)	1.3915E-04 (237, 5)	2.0388E-04 (242, 5)	2.7030E-04 (210, 4)
2	6.4252E-09 (237, 5)	8.4181E-05 (161, 4)	7.4242E-05 (161, 4)	1.5463E-04 (207, 4)	2.4454E-04 (207, 5)
3	1.0646E-08 (199, 5)	8.4700E-05 (199, 5)	1.1013E-04 (207, 4)	1.7202E-04 (158, 5)	2.1922E-04 (158, 5)
4	6.6517E-09 (221, 5)	1.3055E-04 (200, 4)	2.8560E-04 (199, 5)	2.2334E-04 (200, 4)	3.7131E-04 (229, 4)
5	9.8780E-10 (221, 5)	2.8275E-04 (200, 4)	4.5358E-04 (199, 5)	3.5047E-04 (199, 5)	4.4924E-04 (234, 5)
6	4.5132E-09 (156, 4)	2.9823E-04 (199, 5)	3.3322E-04 (199, 5)	2.9389E-04 (151, 5)	4.1516E-04 (151, 5)
7	1.3512E-08 (199, 5)	1.4420E-04 (156, 4)	1.7722E-04 (156, 4)	2.8356E-04 (205, 5)	3.5404E-04 (200, 4)
8	3.2325E-09 (199, 5)	1.6728E-04 (109, 5)	3.4233E-04 (109, 5)	2.8566E-04 (157, 5)	3.9333E-04 (197, 5)
9	8.7099E-10 (223, 4)	2.5449E-04 (109, 5)	5.2302E-04 (156, 4)	4.4495E-04 (156, 4)	3.9314E-04 (151, 4)
10	1.6777E-09 (223, 4)	1.9239E-04 (109, 5)	3.9940E-04 (109, 5)	3.4504E-04 (156, 4)	3.6089E-04 (156, 4)
11	1.7808E-09 (223, 4)	1.3154E-04 (223, 4)	1.4547E-04 (211, 4)	1.6593E-04 (200, 5)	2.5492E-04 (200, 5)
12	1.3864E-09 (211, 4)	7.0099E-05 (223, 4)	2.3052E-04 (211, 5)	1.9298E-04 (211, 5)	2.2454E-04 (195, 5)
13	3.3565E-10 (223, 4)	1.8564E-05 (223, 4)	6.5466E-05 (237, 5)	1.5391E-04 (237, 5)	2.1599E-04 (237, 5)
14	8.8194E-11 (234, 4)	1.1005E-05 (234, 4)	2.1368E-05 (237, 5)	4.8006E-05 (99, 5)	1.0407E-04 (99, 5)
15	4.1534E-10 (234, 4)	6.7799E-05 (234, 4)	1.4382E-04 (234, 4)	1.0134E-04 (234, 4)	1.1427E-04 (109, 6)
16	1.2783E-10 (211, 4)	1.2758E-05 (211, 4)	4.1256E-05 (109, 6)	1.1474E-04 (338, 5)	2.3697E-04 (338, 5)
17	1.8655E-10 (243, 5)	1.2617E-05 (243, 5)	3.8083E-05 (180, 5)	1.0002E-04 (180, 5)	1.5889E-04 (180, 5)
18	1.1109E-09 (196, 4)	7.2481E-05 (243, 5)	1.2002E-04 (243, 5)	1.2866E-04 (311, 5)	2.2728E-04 (311, 5)
19	2.0236E-09 (243, 5)	8.9682E-05 (234, 4)	1.9577E-04 (234, 4)	1.4113E-04 (234, 4)	1.7541E-04 (108, 5)
20	2.9280E-09 (233, 4)	1.9790E-04 (196, 4)	2.0500E-04 (196, 4)	1.5599E-04 (114, 4)	2.2877E-04 (114, 4)
21	1.3789E-08 (233, 4)	2.0691E-04 (243, 5)	3.8152E-04 (243, 5)	3.0172E-04 (196, 4)	2.5015E-04 (243, 5)
22	3.1272E-08 (196, 4)	3.4626E-04 (196, 4)	3.7986E-04 (196, 4)	2.7774E-04 (196, 4)	2.5994E-04 (265, 4)
23	1.6746E-08 (204, 4)	3.8111E-04 (190, 4)	6.4518E-04 (190, 4)	5.0285E-04 (190, 4)	4.1133E-04 (190, 4)
24	3.4238E-08 (204, 4)	3.8111E-04 (190, 4)	6.0216E-04 (233, 4)	4.6814E-04 (233, 4)	3.9011E-04 (233, 4)
25	1.7501E-08 (233, 4)	1.8939E-04 (190, 4)	3.0843E-04 (260, 4)	2.4170E-04 (286, 5)	3.8686E-04 (286, 5)
26	2.3930E-08 (172, 4)	2.9351E-04 (204, 4)	4.8514E-04 (180, 4)	4.8351E-04 (180, 4)	4.6108E-04 (260, 4)
27	4.1855E-08 (227, 4)	4.3061E-04 (180, 4)	7.5168E-04 (180, 4)	6.1394E-04 (260, 4)	5.3476E-04 (110, 4)
28	4.1855E-08 (227, 4)	3.8052E-04 (172, 4)	7.4090E-04 (227, 4)	5.8259E-04 (227, 4)	4.8589E-04 (164, 4)
29	2.6256E-08 (240, 4)	2.5011E-04 (227, 4)	4.5571E-04 (243, 4)	3.4922E-04 (243, 4)	3.4340E-04 (240, 4)
30	2.8796E-08 (159, 5)	2.0545E-04 (240, 4)	3.4915E-04 (164, 4)	2.7858E-04 (240, 4)	3.2509E-04 (240, 4)
31	4.7645E-08 (240, 4)	2.5968E-04 (243, 4)	3.3447E-04 (159, 5)	3.3242E-04 (237, 4)	4.5553E-04 (237, 4)
32	3.8213E-08 (221, 4)	3.1298E-04 (221, 4)	4.2279E-04 (159, 5)	3.6411E-04 (221, 4)	3.4591E-04 (243, 4)
33	4.9300E-08 (159, 5)	3.5528E-04 (97, 5)	4.8651E-04 (97, 5)	4.8644E-04 (97, 5)	4.4747E-04 (221, 4)
34	3.8094E-08 (221, 4)	2.4709E-04 (237, 5)	2.7851E-04 (237, 5)	2.7839E-04 (97, 5)	3.1980E-04 (97, 5)
35	1.5581E-08 (221, 4)	1.0587E-04 (221, 4)	1.7054E-04 (159, 5)	3.1820E-04 (159, 5)	3.1057E-04 (237, 5)
36	3.5291E-08 (221, 5)	2.2565E-04 (221, 5)	3.0452E-04 (221, 5)	2.3162E-04 (221, 5)	2.5435E-04 (210, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MM3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 8.6258E-05 DIRECTION= 1 DISTANCE= 1.5 KM DAY=162

YEAR= 75

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
DIR					
1	6.1158E-09 (162)	5.3958E-05 (162)	8.6258E-05 (162)	6.7227E-05 (162)	5.8132E-05 (120)
2	4.3000E-09 (126)	4.8739E-05 (126)	7.2970E-05 (126)	5.8124E-05 (126)	4.9443E-05 (218)
3	3.6769E-09 (171)	4.0708E-05 (179)	4.9839E-05 (179)	4.5340E-05 (126)	4.8251E-05 (135)
4	4.9532E-09 (171)	4.8886E-05 (145)	5.8109E-05 (179)	4.9437E-05 (145)	5.9793E-05 (161)
5	3.8846E-09 (145)	2.8490E-05 (145)	3.5742E-05 (145)	5.1070E-05 (171)	5.9032E-05 (132)
6	5.0636E-09 (181)	2.1273E-05 (185)	4.5839E-05 (105)	4.1066E-05 (185)	5.1020E-05 (176)
7	2.6292E-09 (181)	3.5337E-05 (185)	8.4985E-05 (176)	7.0851E-05 (176)	7.8541E-05 (178)
8	1.1652E-09 (243)	2.7800E-05 (176)	4.5264E-05 (176)	5.3730E-05 (115)	7.0724E-05 (115)
9	1.1527E-09 (176)	1.1663E-05 (185)	1.9792E-05 (227)	4.9377E-05 (179)	8.0082E-05 (179)
10	7.4360E-10 (97)	1.8169E-05 (206)	1.8813E-05 (206)	4.0752E-05 (166)	6.2743E-05 (166)
11	1.5192E-09 (97)	1.9388E-05 (243)	1.6357E-05 (206)	2.8234E-05 (166)	4.1989E-05 (177)
12	1.7115E-09 (97)	8.8302E-06 (206)	1.0574E-05 (226)	2.8349E-05 (226)	3.7175E-05 (97)
13	1.0624E-09 (97)	1.6427E-05 (177)	2.0384E-05 (177)	2.3596E-05 (230)	3.7083E-05 (230)
14	3.6342E-10 (97)	7.2983E-06 (97)	8.1941E-06 (180)	2.1076E-05 (180)	3.2605E-05 (180)
15	1.0774E-10 (144)	1.7866E-05 (144)	3.4360E-05 (144)	2.7295E-05 (144)	3.0842E-05 (244)
16	1.8422E-10 (144)	3.3525E-05 (144)	6.8771E-05 (144)	5.7504E-05 (144)	4.7150E-05 (144)
17	1.7356E-10 (144)	2.1646E-05 (177)	2.6338E-05 (177)	2.9008E-05 (95)	4.3195E-05 (144)
18	9.0101E-11 (144)	6.7761E-06 (143)	1.6505E-05 (143)	2.0786E-05 (143)	2.3026E-05 (95)
19	9.1500E-11 (176)	9.7857E-06 (181)	7.7167E-06 (181)	1.3967E-05 (94)	2.2217E-05 (94)
20	1.7356E-10 (181)	2.1125E-05 (181)	1.8054E-05 (181)	2.8301E-05 (106)	4.3852E-05 (106)
21	1.8427E-10 (181)	2.8092E-05 (143)	4.2882E-05 (176)	3.8762E-05 (176)	4.2709E-05 (143)
22	1.0797E-10 (181)	1.2680E-05 (181)	2.5026E-05 (143)	2.5776E-05 (143)	3.8134E-05 (141)
23	3.5390E-11 (116)	7.3659E-06 (116)	1.5120E-05 (116)	2.6920E-05 (181)	4.3845E-05 (181)
24	1.2087E-10 (116)	3.0360E-05 (116)	4.9999E-05 (176)	4.2174E-05 (236)	4.0216E-05 (116)
25	2.2766E-10 (116)	1.0241E-05 (176)	1.5239E-05 (250)	3.5057E-05 (250)	4.9374E-05 (250)
26	2.3648E-10 (116)	3.2692E-06 (217)	1.6740E-05 (247)	4.3598E-05 (247)	6.9211E-05 (247)
27	4.9951E-10 (219)	1.6333E-05 (217)	2.0266E-05 (248)	5.2895E-05 (247)	7.9072E-05 (248)
28	2.2163E-09 (219)	1.2571E-05 (219)	2.2994E-05 (184)	3.9657E-05 (217)	5.5987E-05 (248)
29	5.4183E-09 (219)	3.5882E-05 (219)	4.9921E-05 (219)	4.0732E-05 (219)	4.7796E-05 (250)
30	4.7564E-09 (217)	3.5213E-05 (143)	6.5293E-05 (143)	6.6105E-05 (219)	6.5699E-05 (219)
31	3.6764E-09 (242)	3.5893E-05 (219)	5.5155E-05 (143)	4.7185E-05 (143)	4.0947E-05 (114)
32	2.2163E-09 (219)	1.3456E-05 (143)	2.4830E-05 (143)	2.8968E-05 (114)	4.1875E-05 (258)
33	4.9950E-10 (219)	1.8692E-05 (205)	2.0964E-05 (205)	3.7970E-05 (114)	5.4675E-05 (114)
34	8.5568E-10 (162)	1.4305E-05 (242)	2.2825E-05 (242)	2.9317E-05 (260)	4.4924E-05 (260)
35	1.7255E-09 (218)	1.2952E-05 (218)	1.6588E-05 (218)	2.2964E-05 (114)	3.5856E-05 (114)
36	4.7525E-09 (218)	4.2340E-05 (218)	5.8621E-05 (218)	4.3889E-05 (218)	3.9311E-05 (120)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 6.9006E-04 DIRECTION= 1 DISTANCE= 1.5 KM DAY=162 TIME PERIOD= 4

YEAR= 75

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	4.8927E-08 (162, 4)	4.3166E-04 (162, 4)	6.9006E-04 (162, 4)	5.3781E-04 (162, 4)	4.6506E-04 (120, 4)
2	3.4400E-08 (126, 4)	3.8991E-04 (126, 4)	5.8376E-04 (126, 4)	4.6499E-04 (126, 4)	3.8231E-04 (126, 4)
3	2.9411E-08 (171, 4)	3.2560E-04 (179, 5)	3.9835E-04 (179, 5)	3.1242E-04 (179, 5)	2.9952E-04 (216, 5)
4	3.9621E-08 (171, 4)	3.9085E-04 (145, 4)	4.6476E-04 (179, 5)	3.8052E-04 (145, 4)	3.5553E-04 (145, 4)
5	3.1013E-08 (145, 4)	2.2450E-04 (145, 4)	2.6742E-04 (145, 4)	3.5996E-04 (132, 4)	4.7018E-04 (161, 4)
6	4.0508E-08 (181, 5)	1.6788E-04 (185, 4)	3.4796E-04 (185, 4)	2.8282E-04 (185, 4)	3.9099E-04 (176, 4)
7	2.1033E-08 (181, 5)	2.7536E-04 (185, 4)	6.1317E-04 (185, 4)	5.2062E-04 (176, 4)	4.2680E-04 (176, 4)
8	9.3218E-09 (243, 4)	2.2094E-04 (176, 4)	3.3297E-04 (176, 4)	2.6812E-04 (162, 5)	3.5926E-04 (162, 5)
9	9.2218E-09 (176, 4)	9.1725E-05 (185, 4)	1.4944E-04 (227, 5)	3.0490E-04 (162, 5)	4.3982E-04 (166, 5)
10	5.9442E-09 (97, 4)	1.4214E-04 (206, 4)	1.4007E-04 (243, 4)	1.9387E-04 (180, 4)	3.0220E-04 (180, 4)
11	1.2153E-08 (97, 4)	1.5511E-04 (243, 4)	1.2938E-04 (206, 4)	1.9151E-04 (231, 5)	2.4935E-04 (97, 4)
12	1.3692E-08 (97, 4)	7.0634E-05 (206, 4)	7.7959E-05 (128, 4)	1.7023E-04 (128, 4)	2.5050E-04 (226, 4)
13	8.4995E-09 (97, 4)	1.3091E-04 (177, 4)	1.5479E-04 (177, 4)	1.6126E-04 (230, 5)	2.0578E-04 (180, 5)
14	2.9073E-09 (97, 4)	5.8387E-05 (97, 4)	6.3526E-05 (144, 4)	1.4353E-04 (180, 5)	2.0264E-04 (180, 5)
15	8.6193E-10 (144, 4)	1.4293E-04 (144, 4)	2.7488E-04 (144, 4)	2.1836E-04 (144, 4)	1.8305E-04 (297, 4)
16	1.4737E-09 (144, 4)	2.6820E-04 (144, 4)	5.5017E-04 (144, 4)	4.6003E-04 (144, 4)	3.7720E-04 (144, 4)
17	1.3885E-09 (144, 4)	1.7317E-04 (177, 4)	2.1071E-04 (177, 4)	1.7199E-04 (95, 4)	2.5198E-04 (95, 4)
18	7.2081E-10 (144, 4)	5.1659E-05 (143, 4)	9.3627E-05 (143, 4)	1.1425E-04 (95, 4)	1.6487E-04 (143, 6)
19	7.3200E-10 (176, 4)	7.8285E-05 (181, 4)	6.1734E-05 (181, 4)	1.0986E-04 (94, 4)	1.7468E-04 (94, 4)
20	1.3885E-09 (181, 4)	1.6900E-04 (181, 4)	1.4443E-04 (181, 4)	1.3716E-04 (106, 5)	2.0425E-04 (106, 5)
21	1.4742E-09 (181, 4)	2.2473E-04 (143, 4)	3.4301E-04 (176, 4)	3.0926E-04 (176, 4)	3.4123E-04 (176, 4)
22	8.6374E-10 (181, 4)	1.0144E-04 (181, 4)	2.0005E-04 (143, 4)	2.0507E-04 (143, 4)	2.5166E-04 (181, 4)
23	2.8312E-10 (116, 4)	5.8922E-05 (116, 4)	1.1820E-04 (116, 4)	2.1536E-04 (181, 4)	3.5076E-04 (181, 4)
24	9.6695E-10 (116, 4)	2.4288E-04 (116, 4)	3.9876E-04 (176, 4)	3.3675E-04 (236, 4)	3.1285E-04 (116, 4)
25	1.8213E-09 (116, 4)	8.1922E-05 (176, 4)	1.0326E-04 (236, 4)	2.2990E-04 (236, 4)	3.4775E-04 (97, 4)
26	1.8919E-09 (116, 4)	2.6154E-05 (217, 4)	9.8786E-05 (247, 4)	2.4643E-04 (247, 4)	3.7049E-04 (247, 4)
27	3.9961E-09 (219, 4)	1.3066E-04 (217, 4)	1.4339E-04 (217, 4)	2.7936E-04 (247, 4)	3.6852E-04 (248, 5)
28	1.7730E-08 (219, 4)	1.0057E-04 (219, 4)	1.6175E-04 (143, 5)	2.4698E-04 (184, 4)	2.5958E-04 (217, 4)
29	4.3347E-08 (219, 4)	2.8706E-04 (219, 4)	3.9909E-04 (219, 4)	3.2404E-04 (219, 4)	2.8239E-04 (219, 4)
30	3.8051E-08 (217, 4)	2.8144E-04 (143, 5)	5.0750E-04 (143, 5)	5.1599E-04 (219, 4)	4.9224E-04 (219, 4)
31	2.9411E-08 (242, 4)	2.8715E-04 (219, 4)	4.3380E-04 (143, 5)	3.5685E-04 (143, 5)	3.1529E-04 (219, 4)
32	1.7730E-08 (219, 4)	1.0561E-04 (143, 5)	1.7197E-04 (143, 5)	1.8311E-04 (235, 4)	2.7055E-04 (168, 4)
33	3.9960E-09 (219, 4)	1.4631E-04 (205, 4)	1.2958E-04 (205, 4)	2.8169E-04 (114, 5)	4.1092E-04 (114, 5)
34	6.8454E-09 (162, 4)	1.1444E-04 (242, 4)	1.5610E-04 (205, 4)	2.3454E-04 (260, 4)	3.5939E-04 (260, 4)
35	1.3804E-08 (218, 4)	1.0362E-04 (218, 4)	1.3270E-04 (218, 4)	1.8087E-04 (161, 5)	2.3544E-04 (260, 4)
36	3.8020E-08 (218, 4)	3.3872E-04 (218, 4)	4.6897E-04 (218, 4)	3.5111E-04 (218, 4)	3.1449E-04 (120, 4)

COMPOSITE HIGHEST,SECOND-HIGHEST 24-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	0.	54.	86.	67.	58.
2	0.	49.	73.	63.	52.
3	0.	41.	73.	64.	57.
4	0.	49.	94.	78.	69.
5	0.	72.	95.	89.	92.
6	0.	71.	110.	85.	73.
7	0.	48.	85.	71.	90.
8	0.	40.	65.	58.	78.
9	0.	48.	94.	77.	98.
10	0.	44.	65.	65.	84.
11	0.	22.	28.	37.	51.
12	0.	9.	22.	54.	64.
13	0.	16.	23.	41.	41.
14	0.	8.	18.	21.	37.
15	0.	28.	42.	32.	44.
16	0.	34.	69.	58.	47.
17	0.	30.	33.	29.	43.
18	0.	44.	56.	43.	37.
19	0.	39.	40.	27.	37.
20	0.	36.	47.	37.	47.
21	0.	50.	70.	56.	63.
22	0.	50.	79.	72.	67.
23	0.	48.	81.	77.	87.
24	0.	48.	75.	59.	55.
25	0.	44.	80.	62.	58.
26	0.	48.	73.	64.	69.
27	0.	54.	94.	77.	79.
28	0.	48.	93.	73.	66.
29	0.	36.	57.	44.	56.
30	0.	35.	65.	66.	66.
31	0.	36.	55.	47.	59.
32	0.	39.	53.	50.	66.
33	0.	44.	61.	63.	75.
34	0.	31.	35.	53.	55.
35	0.	22.	45.	47.	63.
36	0.	42.	59.	44.	65.

COMPOSITE HIGHEST, SECOND-HIGHEST 3-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	0.	432.	690.	538.	465.
2	0.	390.	584.	465.	409.
3	0.	326.	580.	501.	395.
4	0.	391.	584.	482.	437.
5	0.	426.	756.	657.	607.
6	0.	409.	676.	560.	495.
7	0.	384.	613.	521.	463.
8	0.	317.	510.	429.	423.
9	0.	381.	750.	604.	517.
10	0.	353.	522.	434.	474.
11	0.	175.	224.	295.	352.
12	0.	71.	231.	263.	394.
13	0.	131.	155.	161.	216.
14	0.	66.	143.	162.	229.
15	0.	227.	338.	255.	293.
16	0.	268.	550.	460.	377.
17	0.	243.	470.	375.	308.
18	0.	253.	320.	248.	227.
19	0.	308.	310.	191.	218.
20	0.	286.	380.	295.	237.
21	0.	400.	524.	391.	345.
22	0.	346.	395.	354.	384.
23	0.	387.	645.	503.	460.
24	0.	381.	602.	468.	390.
25	0.	294.	511.	439.	387.
26	0.	294.	504.	484.	461.
27	0.	431.	752.	614.	535.
28	0.	381.	741.	583.	486.
29	0.	287.	456.	349.	343.
30	0.	281.	508.	516.	492.
31	0.	287.	434.	357.	456.
32	0.	313.	423.	304.	346.
33	0.	355.	487.	486.	447.
34	0.	247.	279.	278.	359.
35	0.	165.	359.	332.	466.
36	0.	339.	469.	351.	351.

RING DISTANCES(KM)= 3.00 3.50 4.00 4.50 5.00

STACK # 1--TECO 1&2 100% 31.5T/H SO2
STACK # 2--TECO 4 100% 31.5T/H SO2

STACK	MONTH	EMISSION RATE (GMS/SEC)	HEIGHT (METERS)	DIAMETER (METERS)	EXIT VELOCITY (M/SEC)	TEMP (DEG.K)	VOLUMETRIC FLOW (M**3/SEC)
1	ALL	5249.0898	149.40	7.32	28.60	422.00	1203.59
2	ALL	709.4299	149.40	7.32	20.00	342.00	841.67

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.2469E-04 DIRECTION= 9 DISTANCE= 3.5 KM DAY=220

YEAR= 71

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	5.1554E-05 (229)	5.6275E-05 (229)	5.4124E-05 (260)	4.9102E-05 (260)	4.4812E-05 (260)
2	5.4974E-05 (113)	6.4740E-05 (236)	6.2467E-05 (236)	6.1977E-05 (331)	6.4366E-05 (331)
3	6.5559E-05 (234)	6.1509E-05 (234)	6.0272E-05 (205)	6.1055E-05 (205)	6.0213E-05 (205)
4	4.4250E-05 (177)	5.0976E-05 (205)	5.5752E-05 (205)	5.8220E-05 (205)	5.9169E-05 (205)
5	5.6273E-05 (206)	5.8060E-05 (288)	5.8022E-05 (288)	5.6189E-05 (288)	5.3481E-05 (288)
6	5.7666E-05 (200)	6.0470E-05 (159)	6.4183E-05 (159)	6.3511E-05 (206)	5.6464E-05 (206)
7	6.2337E-05 (207)	6.5774E-05 (207)	6.5463E-05 (207)	6.3313E-05 (207)	5.7900E-05 (224)
8	6.6262E-05 (128)	6.7751E-05 (128)	6.5076E-05 (128)	6.4282E-05 (139)	6.1900E-05 (257)
9	1.1674E-04 (220)	1.2469E-04 (220)	1.2411E-04 (220)	1.1894E-04 (220)	1.1185E-04 (220)
10	7.3223E-05 (204)	8.0632E-05 (220)	8.1732E-05 (220)	7.9888E-05 (220)	8.0160E-05 (161)
11	4.5698E-05 (151)	4.4914E-05 (151)	5.1202E-05 (196)	5.5117E-05 (196)	5.6488E-05 (196)
12	5.4430E-05 (257)	5.3396E-05 (136)	6.5270E-05 (136)	7.3066E-05 (136)	7.1656E-05 (198)
13	3.8600E-05 (141)	4.4896E-05 (141)	4.7358E-05 (141)	4.7354E-05 (141)	4.7464E-05 (123)
14	3.2321E-05 (159)	3.4364E-05 (222)	3.8366E-05 (222)	4.0505E-05 (222)	4.1164E-05 (222)
15	3.7189E-05 (159)	4.1337E-05 (121)	4.2669E-05 (121)	4.2293E-05 (121)	4.3741E-05 (221)
16	4.3219E-05 (262)	3.9196E-05 (169)	4.0797E-05 (169)	4.1208E-05 (169)	4.3251E-05 (124)
17	3.5954E-05 (262)	3.1158E-05 (262)	3.1188E-05 (99)	3.1043E-05 (169)	3.1499E-05 (169)
18	3.1657E-05 (99)	3.7915E-05 (99)	4.0619E-05 (99)	4.1008E-05 (99)	4.0119E-05 (99)
19	2.7408E-05 (98)	2.8794E-05 (257)	2.8229E-05 (221)	2.9084E-05 (316)	3.1765E-05 (316)
20	2.1920E-05 (98)	2.8407E-05 (99)	3.3682E-05 (99)	3.3673E-05 (46)	3.2344E-05 (46)
21	2.8877E-05 (41)	3.6564E-05 (41)	4.0996E-05 (41)	4.5061E-05 (311)	4.7312E-05 (311)
22	3.5356E-05 (137)	3.7145E-05 (137)	3.8145E-05 (68)	3.7939E-05 (68)	3.7156E-05 (291)
23	5.3220E-05 (68)	5.8570E-05 (68)	6.3956E-05 (270)	6.1672E-05 (156)	5.5745E-05 (156)
24	6.2747E-05 (90)	7.2653E-05 (90)	7.7511E-05 (90)	7.6629E-05 (156)	7.2097E-05 (156)
25	3.7931E-05 (90)	4.5053E-05 (90)	4.9331E-05 (90)	5.1123E-05 (90)	5.2428E-05 (285)
26	3.3351E-05 (101)	3.6632E-05 (101)	4.1271E-05 (267)	4.6559E-05 (267)	4.9469E-05 (267)
27	5.1953E-05 (190)	6.6601E-05 (190)	7.6754E-05 (190)	8.2784E-05 (190)	8.5626E-05 (190)
28	5.3815E-05 (152)	4.6967E-05 (231)	5.4810E-05 (248)	5.9466E-05 (248)	6.1314E-05 (248)
29	3.2607E-05 (305)	4.3968E-05 (247)	5.0576E-05 (138)	5.4447E-05 (214)	5.8709E-05 (214)
30	5.4233E-05 (182)	6.0524E-05 (182)	6.2565E-05 (182)	6.1948E-05 (182)	5.9795E-05 (182)
31	3.2663E-05 (250)	3.8038E-05 (143)	4.2076E-05 (143)	4.3911E-05 (250)	4.3273E-05 (243)
32	5.5692E-05 (2)	6.8370E-05 (2)	7.4200E-05 (2)	7.5133E-05 (2)	7.3160E-05 (2)
33	4.3573E-05 (218)	5.7364E-05 (91)	6.5025E-05 (230)	6.4306E-05 (230)	6.3926E-05 (363)
34	4.2726E-05 (218)	5.7242E-05 (187)	6.7486E-05 (187)	7.3172E-05 (187)	7.5293E-05 (187)
35	7.0475E-05 (211)	7.0247E-05 (211)	6.6514E-05 (211)	6.1400E-05 (211)	5.7969E-05 (229)
36	8.1343E-05 (229)	8.1893E-05 (260)	7.8300E-05 (260)	7.3689E-05 (260)	6.8814E-05 (260)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 5.8646E-04 DIRECTION= 9 DISTANCE= 3.5 KM DAY=220 TIME PERIOD= 5

YEAR= 71

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	3.2860E-04 (229, 4)	3.3871E-04 (229, 4)	3.3090E-04 (229, 4)	3.1404E-04 (229, 4)	2.9392E-04 (296, 4)
2	3.4409E-04 (260, 5)	3.2315E-04 (184, 4)	3.4400E-04 (113, 5)	3.5298E-04 (73, 4)	3.5876E-04 (73, 4)
3	4.1621E-04 (219, 5)	3.9954E-04 (219, 5)	3.6300E-04 (219, 5)	3.3010E-04 (235, 5)	3.2890E-04 (235, 5)
4	3.5400E-04 (177, 4)	3.5792E-04 (177, 4)	3.4008E-04 (177, 4)	3.3619E-04 (163, 4)	3.5468E-04 (127, 4)
5	4.4881E-04 (200, 4)	4.4876E-04 (200, 4)	4.2715E-04 (200, 4)	3.9769E-04 (200, 4)	3.6670E-04 (200, 4)
6	4.4081E-04 (206, 5)	4.2677E-04 (206, 5)	3.9063E-04 (206, 5)	3.8544E-04 (159, 4)	3.7624E-04 (200, 4)
7	3.4617E-04 (160, 4)	3.6258E-04 (160, 4)	3.5647E-04 (160, 4)	3.5134E-04 (295, 4)	3.3624E-04 (295, 4)
8	4.1947E-04 (100, 4)	4.1692E-04 (262, 5)	4.1598E-04 (160, 4)	4.1063E-04 (160, 4)	3.9793E-04 (160, 4)
9	5.5702E-04 (220, 5)	5.8646E-04 (220, 5)	5.7657E-04 (220, 5)	5.4785E-04 (178, 4)	5.2890E-04 (178, 4)
10	3.3641E-04 (178, 4)	3.9835E-04 (168, 4)	4.5325E-04 (168, 4)	4.7794E-04 (168, 4)	4.8091E-04 (168, 4)
11	2.7511E-04 (257, 4)	3.0450E-04 (192, 5)	3.1772E-04 (192, 5)	3.2230E-04 (196, 4)	3.2128E-04 (196, 4)
12	4.3540E-04 (257, 4)	3.8086E-04 (257, 4)	3.4114E-04 (136, 4)	3.8439E-04 (198, 4)	3.5107E-04 (198, 4)
13	2.4215E-04 (198, 3)	2.9113E-04 (198, 3)	3.1211E-04 (198, 3)	3.1293E-04 (198, 3)	3.0213E-04 (198, 3)
14	2.2505E-04 (159, 5)	1.9447E-04 (159, 5)	1.9443E-04 (199, 6)	2.3274E-04 (199, 6)	2.5971E-04 (199, 6)
15	2.9644E-04 (159, 5)	2.5908E-04 (159, 5)	2.9543E-04 (222, 5)	3.1508E-04 (222, 5)	3.1988E-04 (221, 5)
16	2.8246E-04 (169, 4)	3.0178E-04 (262, 4)	2.8955E-04 (124, 6)	3.2116E-04 (124, 6)	3.2349E-04 (169, 4)
17	2.7180E-04 (317, 4)	2.4925E-04 (262, 4)	2.4950E-04 (99, 4)	2.4127E-04 (99, 4)	2.2706E-04 (99, 4)
18	2.4494E-04 (173, 4)	2.6066E-04 (124, 5)	2.8574E-04 (124, 5)	2.9263E-04 (124, 5)	2.8781E-04 (124, 5)
19	2.1926E-04 (98, 4)	2.2822E-04 (257, 4)	2.2554E-04 (221, 4)	2.2415E-04 (316, 5)	2.4635E-04 (316, 5)
20	1.7536E-04 (98, 4)	2.2174E-04 (99, 4)	2.6233E-04 (99, 4)	2.6939E-04 (46, 5)	2.5875E-04 (46, 5)
21	2.1457E-04 (157, 4)	2.2421E-04 (137, 4)	2.1303E-04 (137, 4)	2.1863E-04 (311, 4)	2.4830E-04 (326, 4)
22	2.2750E-04 (98, 4)	2.4555E-04 (98, 4)	2.7709E-04 (291, 5)	2.9264E-04 (291, 5)	2.9370E-04 (291, 5)
23	3.3565E-04 (156, 4)	3.5031E-04 (156, 4)	3.3685E-04 (156, 4)	3.1128E-04 (156, 4)	3.0297E-04 (273, 4)
24	3.2029E-04 (315, 4)	3.5946E-04 (315, 4)	3.6340E-04 (315, 4)	3.4110E-04 (90, 4)	3.2817E-04 (90, 4)
25	1.9006E-04 (137, 4)	2.6380E-04 (137, 4)	3.1748E-04 (137, 4)	3.4940E-04 (137, 4)	3.6338E-04 (137, 4)
26	2.2888E-04 (360, 4)	2.7588E-04 (360, 4)	3.0179E-04 (360, 4)	3.1235E-04 (360, 4)	3.1298E-04 (360, 4)
27	3.5281E-04 (101, 5)	3.4774E-04 (101, 4)	3.5730E-04 (101, 5)	3.5172E-04 (86, 5)	3.5104E-04 (101, 4)
28	3.5589E-04 (101, 5)	3.7539E-04 (152, 4)	3.3849E-04 (68, 5)	3.3533E-04 (68, 5)	3.2016E-04 (68, 5)
29	2.3122E-04 (305, 4)	2.6638E-04 (263, 4)	2.9476E-04 (263, 4)	3.0563E-04 (263, 4)	3.0491E-04 (263, 4)
30	3.8155E-04 (138, 5)	3.7653E-04 (250, 4)	3.8964E-04 (250, 4)	3.7930E-04 (250, 4)	4.0239E-04 (211, 3)
31	2.4487E-04 (230, 5)	2.5231E-04 (182, 4)	2.5191E-04 (70, 4)	2.4725E-04 (182, 4)	2.4367E-04 (278, 4)
32	3.3814E-04 (218, 4)	3.2351E-04 (2, 4)	3.4694E-04 (2, 4)	3.4580E-04 (2, 4)	3.3171E-04 (2, 4)
33	3.2476E-04 (238, 4)	3.9427E-04 (91, 5)	4.5642E-04 (230, 4)	4.3906E-04 (230, 4)	4.3694E-04 (77, 5)
34	2.6609E-04 (288, 4)	3.4206E-04 (187, 4)	4.0404E-04 (187, 4)	4.3834E-04 (187, 4)	4.5073E-04 (187, 4)
35	4.9509E-04 (211, 4)	4.7019E-04 (211, 4)	4.2480E-04 (211, 4)	3.7580E-04 (211, 4)	3.3029E-04 (211, 4)
36	4.2611E-04 (260, 4)	4.5232E-04 (260, 4)	4.5019E-04 (260, 4)	4.3400E-04 (260, 4)	4.1154E-04 (260, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MM3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.3138E-04 DIRECTION= 9 DISTANCE= 5.0 KM DAY=207

YEAR= 72

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
DIR					
1	3.8110E-05 (25)	4.3526E-05 (25)	4.9812E-05 (107)	5.3515E-05 (107)	5.4864E-05 (107)
2	4.1537E-05 (110)	4.9708E-05 (57)	6.0279E-05 (57)	6.6800E-05 (57)	6.9939E-05 (57)
3	5.9007E-05 (110)	5.9167E-05 (110)	5.6404E-05 (149)	5.9571E-05 (105)	6.0324E-05 (105)
4	5.3646E-05 (150)	5.5766E-05 (150)	5.3408E-05 (150)	5.2152E-05 (136)	5.1017E-05 (136)
5	7.7190E-05 (211)	8.0084E-05 (211)	8.0685E-05 (211)	8.0183E-05 (211)	7.8898E-05 (211)
6	7.4048E-05 (211)	7.5542E-05 (210)	7.8908E-05 (210)	7.6612E-05 (261)	7.2701E-05 (261)
7	7.0888E-05 (194)	7.8181E-05 (194)	7.7751E-05 (309)	7.8009E-05 (309)	7.6393E-05 (309)
8	7.3045E-05 (195)	7.2096E-05 (220)	7.5037E-05 (220)	7.4635E-05 (220)	7.2533E-05 (220)
9	1.1602E-04 (242)	1.2581E-04 (183)	1.2824E-04 (124)	1.2930E-04 (207)	1.3138E-04 (207)
10	9.9912E-05 (242)	1.0448E-04 (242)	1.0345E-04 (242)	9.9950E-05 (242)	9.5488E-05 (242)
11	4.8016E-05 (131)	5.4772E-05 (131)	5.8129E-05 (131)	5.8881E-05 (131)	5.7839E-05 (131)
12	2.5261E-05 (146)	3.0282E-05 (231)	3.6350E-05 (231)	3.7813E-05 (143)	3.6860E-05 (143)
13	2.7702E-05 (23)	2.8939E-05 (116)	3.0794E-05 (116)	3.0983E-05 (116)	3.2286E-05 (185)
14	2.7639E-05 (362)	3.1307E-05 (362)	3.3759E-05 (249)	3.5375E-05 (282)	3.3824E-05 (282)
15	2.2449E-05 (240)	2.4646E-05 (198)	2.8411E-05 (146)	3.0986E-05 (146)	3.2063E-05 (146)
16	1.9710E-05 (93)	2.2121E-05 (93)	2.2845E-05 (93)	2.4589E-05 (260)	2.7365E-05 (322)
17	1.7279E-05 (283)	1.8291E-05 (283)	2.1125E-05 (260)	2.2755E-05 (260)	2.5483E-05 (326)
18	3.6140E-05 (247)	3.7630E-05 (247)	3.8432E-05 (247)	3.8142E-05 (247)	3.6955E-05 (247)
19	4.1837E-05 (189)	4.1287E-05 (189)	3.9539E-05 (189)	3.6960E-05 (252)	3.2928E-05 (252)
20	5.4156E-05 (189)	5.2174E-05 (189)	4.8871E-05 (189)	4.5075E-05 (189)	4.4858E-05 (252)
21	5.2567E-05 (252)	6.0665E-05 (189)	5.6948E-05 (189)	5.2607E-05 (189)	4.8339E-05 (189)
22	3.3302E-05 (265)	3.5702E-05 (252)	3.7498E-05 (252)	3.7930E-05 (191)	3.9997E-05 (191)
23	4.5795E-05 (156)	4.6668E-05 (156)	4.5537E-05 (266)	4.7359E-05 (266)	4.7106E-05 (266)
24	6.0228E-05 (186)	5.2722E-05 (186)	4.8702E-05 (156)	5.0190E-05 (52)	5.3711E-05 (288)
25	5.5856E-05 (86)	6.3131E-05 (247)	5.9770E-05 (157)	6.2832E-05 (157)	6.3289E-05 (157)
26	6.6545E-05 (257)	7.6145E-05 (247)	8.2325E-05 (265)	8.8118E-05 (265)	9.0606E-05 (265)
27	4.6696E-05 (339)	5.4382E-05 (339)	5.7645E-05 (339)	5.8074E-05 (339)	5.6962E-05 (268)
28	4.3160E-05 (230)	5.4609E-05 (339)	5.9280E-05 (339)	6.1431E-05 (339)	6.1859E-05 (339)
29	3.8437E-05 (228)	5.0600E-05 (101)	5.3678E-05 (27)	5.0464E-05 (27)	5.2206E-05 (230)
30	4.5155E-05 (228)	5.3170E-05 (228)	5.4385E-05 (241)	5.5046E-05 (228)	5.2639E-05 (228)
31	4.6119E-05 (196)	5.2809E-05 (241)	5.6017E-05 (196)	5.6547E-05 (196)	5.6179E-05 (241)
32	4.0155E-05 (196)	4.6515E-05 (61)	5.4651E-05 (61)	5.8730E-05 (307)	6.0624E-05 (61)
33	3.7047E-05 (298)	4.4101E-05 (298)	5.4116E-05 (1)	6.2666E-05 (1)	6.2073E-05 (229)
34	2.6414E-05 (141)	3.2683E-05 (211)	3.9324E-05 (211)	4.3560E-05 (54)	4.3456E-05 (54)
35	2.7564E-05 (238)	3.2876E-05 (238)	3.5416E-05 (238)	3.5839E-05 (238)	3.5470E-05 (213)
36	3.6829E-05 (64)	4.2427E-05 (136)	4.3633E-05 (136)	4.3730E-05 (136)	4.3134E-05 (136)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MA*3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 7.2214E-04 DIRECTION= 9 DISTANCE= 4.5 KM DAY=183 TIME PERIOD= 4

YEAR= 72

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	2.8049E-04 (113, 4)	3.2897E-04 (25, 5)	3.3168E-04 (25, 5)	3.5629E-04 (107, 4)	3.6748E-04 (107, 4)
2	2.9311E-04 (210, 5)	3.4649E-04 (210, 5)	3.6376E-04 (210, 5)	3.5809E-04 (210, 5)	3.5218E-04 (57, 4)
3	3.3982E-04 (135, 5)	3.5755E-04 (135, 5)	3.4709E-04 (110, 5)	3.4619E-04 (135, 5)	3.2897E-04 (135, 5)
4	3.2713E-04 (110, 5)	3.3423E-04 (110, 5)	3.3006E-04 (110, 5)	3.1588E-04 (102, 5)	3.0585E-04 (209, 4)
5	4.1478E-04 (102, 5)	4.2125E-04 (150, 4)	3.9969E-04 (261, 5)	3.8814E-04 (150, 4)	3.7028E-04 (292, 4)
6	4.3838E-04 (261, 5)	4.3142E-04 (261, 5)	4.0011E-04 (210, 6)	4.0518E-04 (85, 4)	4.2661E-04 (85, 4)
7	3.7735E-04 (210, 5)	4.0654E-04 (309, 5)	4.4354E-04 (309, 5)	4.6116E-04 (298, 5)	4.3064E-04 (298, 5)
8	4.2279E-04 (207, 4)	4.0298E-04 (207, 4)	3.9755E-04 (290, 4)	3.9088E-04 (216, 5)	3.6144E-04 (153, 4)
9	6.2210E-04 (183, 4)	6.9280E-04 (183, 4)	7.2081E-04 (183, 4)	7.2214E-04 (183, 4)	7.0805E-04 (183, 4)
10	4.9501E-04 (242, 4)	5.1435E-04 (242, 4)	5.0170E-04 (242, 4)	4.7468E-04 (242, 4)	4.7510E-04 (183, 5)
11	2.9220E-04 (248, 5)	2.9155E-04 (222, 4)	2.7168E-04 (222, 5)	2.8992E-04 (131, 6)	2.9101E-04 (222, 5)
12	1.6425E-04 (146, 5)	2.1078E-04 (97, 5)	2.3908E-04 (97, 5)	2.5104E-04 (97, 5)	2.5149E-04 (97, 5)
13	2.2161E-04 (23, 5)	2.3838E-04 (146, 5)	2.4624E-04 (146, 5)	2.4197E-04 (112, 4)	2.3898E-04 (112, 4)
14	2.2105E-04 (362, 5)	2.5036E-04 (362, 5)	2.7007E-04 (249, 6)	2.8298E-04 (282, 4)	2.7055E-04 (282, 4)
15	1.7959E-04 (240, 5)	1.9716E-04 (198, 6)	1.9854E-04 (198, 6)	1.8980E-04 (198, 6)	1.7956E-04 (109, 6)
16	1.5066E-04 (93, 5)	1.7461E-04 (93, 5)	1.7835E-04 (93, 5)	1.7395E-04 (93, 5)	1.7071E-04 (260, 5)
17	1.3823E-04 (283, 5)	1.4633E-04 (283, 5)	1.5915E-04 (108, 4)	1.7070E-04 (279, 5)	1.7625E-04 (279, 5)
18	2.2915E-04 (260, 4)	2.4351E-04 (283, 5)	2.4690E-04 (283, 5)	2.5964E-04 (260, 4)	2.5263E-04 (260, 4)
19	1.9125E-04 (252, 5)	1.9840E-04 (206, 4)	1.9930E-04 (260, 4)	2.0122E-04 (313, 5)	2.0742E-04 (206, 4)
20	2.2214E-04 (252, 5)	2.2129E-04 (252, 4)	2.1090E-04 (252, 5)	2.1247E-04 (206, 4)	2.0742E-04 (206, 4)
21	2.5597E-04 (189, 5)	2.6683E-04 (189, 4)	2.6605E-04 (189, 4)	2.6656E-04 (157, 6)	2.6840E-04 (157, 6)
22	2.4302E-04 (189, 4)	2.6943E-04 (189, 4)	2.5144E-04 (19, 5)	2.4697E-04 (264, 4)	2.4607E-04 (122, 5)
23	2.7742E-04 (186, 4)	2.7776E-04 (217, 4)	2.8414E-04 (217, 4)	2.7778E-04 (217, 4)	2.5495E-04 (158, 5)
24	4.2261E-04 (158, 5)	4.1650E-04 (158, 5)	3.7485E-04 (186, 4)	3.3847E-04 (186, 4)	3.0678E-04 (158, 5)
25	3.4248E-04 (247, 4)	3.0679E-04 (247, 4)	3.2928E-04 (226, 4)	3.5391E-04 (226, 4)	3.6467E-04 (226, 4)
26	4.3992E-04 (247, 4)	4.1615E-04 (247, 4)	3.7876E-04 (247, 4)	3.3854E-04 (247, 4)	3.0054E-04 (247, 4)
27	3.1587E-04 (339, 4)	3.3857E-04 (247, 4)	3.3366E-04 (257, 4)	3.3088E-04 (339, 4)	3.0827E-04 (339, 4)
28	2.7402E-04 (230, 4)	3.2102E-04 (339, 4)	3.3843E-04 (297, 4)	3.7159E-04 (297, 4)	3.8569E-04 (297, 4)
29	2.4321E-04 (186, 5)	2.5471E-04 (251, 4)	2.5537E-04 (251, 4)	2.5317E-04 (230, 4)	2.5224E-04 (230, 4)
30	3.2900E-04 (228, 3)	3.9109E-04 (228, 3)	4.1229E-04 (228, 3)	4.0777E-04 (228, 3)	3.9033E-04 (228, 3)
31	2.5677E-04 (196, 4)	2.7156E-04 (196, 4)	2.7867E-04 (209, 3)	2.8563E-04 (209, 3)	2.8763E-04 (209, 3)
32	2.4423E-04 (307, 5)	2.8643E-04 (213, 4)	3.0088E-04 (229, 4)	3.1653E-04 (61, 4)	3.2569E-04 (61, 4)
33	2.9497E-04 (298, 4)	3.5063E-04 (298, 4)	3.7111E-04 (1, 5)	4.2883E-04 (1, 5)	4.6305E-04 (1, 5)
34	1.9951E-04 (240, 5)	2.4499E-04 (141, 3)	2.5169E-04 (141, 3)	2.4292E-04 (141, 3)	2.2748E-04 (141, 3)
35	2.2051E-04 (238, 4)	2.6301E-04 (238, 4)	2.8333E-04 (238, 4)	2.8671E-04 (238, 4)	2.7940E-04 (238, 4)
36	2.9463E-04 (64, 4)	3.3942E-04 (136, 4)	3.4906E-04 (136, 4)	3.4984E-04 (136, 4)	3.4505E-04 (136, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.1287E-04 DIRECTION= 9 DISTANCE= 3.5 KM DAY=152

YEAR= 73

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
DIR					
1	3.5661E-05 (146)	4.0463E-05 (149)	4.3113E-05 (149)	4.3337E-05 (149)	4.3226E-05 (193)
2	4.9724E-05 (147)	5.5416E-05 (147)	5.6617E-05 (147)	5.5236E-05 (147)	5.3850E-05 (151)
3	6.3313E-05 (215)	6.3176E-05 (215)	6.0097E-05 (215)	5.6083E-05 (215)	5.3577E-05 (123)
4	6.7871E-05 (313)	7.1679E-05 (182)	6.5545E-05 (182)	6.0063E-05 (182)	5.7057E-05 (173)
5	9.4875E-05 (192)	9.5929E-05 (192)	9.4705E-05 (192)	9.1659E-05 (192)	8.7481E-05 (192)
6	8.7461E-05 (209)	9.2140E-05 (209)	8.2823E-05 (182)	7.7419E-05 (186)	7.6253E-05 (186)
7	9.0589E-05 (185)	9.2853E-05 (185)	8.8416E-05 (216)	8.4459E-05 (216)	8.0322E-05 (216)
8	8.6640E-05 (187)	8.9319E-05 (187)	8.8869E-05 (236)	8.2713E-05 (236)	7.8003E-05 (253)
9	1.0516E-04 (152)	1.1287E-04 (152)	1.1275E-04 (152)	1.0811E-04 (132)	1.0164E-04 (152)
10	7.3461E-05 (140)	7.3642E-05 (140)	7.7228E-05 (196)	7.9273E-05 (196)	7.8201E-05 (196)
11	5.8044E-05 (169)	5.9068E-05 (169)	5.7655E-05 (169)	5.7422E-05 (263)	5.4238E-05 (208)
12	5.0547E-05 (100)	5.0381E-05 (259)	4.7554E-05 (135)	4.7232E-05 (135)	4.7481E-05 (124)
13	3.6029E-05 (103)	3.1211E-05 (259)	2.7341E-05 (259)	2.6275E-05 (124)	2.6928E-05 (124)
14	3.3017E-05 (103)	3.5835E-05 (118)	3.9788E-05 (169)	4.2113E-05 (169)	4.2531E-05 (169)
15	2.8117E-05 (103)	3.0688E-05 (103)	3.1094E-05 (30)	3.1160E-05 (30)	3.3212E-05 (47)
16	4.1315E-05 (95)	4.4889E-05 (95)	4.5965E-05 (95)	4.4938E-05 (119)	4.0774E-05 (119)
17	3.1634E-05 (95)	3.5230E-05 (95)	3.7287E-05 (53)	3.9452E-05 (53)	4.0402E-05 (53)
18	3.8310E-05 (103)	4.8115E-05 (103)	5.4812E-05 (103)	5.6018E-05 (221)	5.8970E-05 (14)
19	3.4299E-05 (305)	3.9155E-05 (305)	4.2179E-05 (305)	4.4047E-05 (305)	4.5029E-05 (305)
20	5.5183E-05 (183)	5.6683E-05 (183)	5.3988E-05 (183)	5.0557E-05 (305)	4.9311E-05 (305)
21	7.7815E-05 (183)	8.3295E-05 (183)	8.2306E-05 (183)	7.7940E-05 (183)	7.2220E-05 (183)
22	6.6508E-05 (191)	6.5669E-05 (191)	6.3758E-05 (78)	6.3805E-05 (78)	6.1984E-05 (78)
23	9.2425E-05 (221)	9.2388E-05 (221)	8.8782E-05 (221)	8.3343E-05 (221)	7.7304E-05 (221)
24	6.0748E-05 (221)	6.1466E-05 (221)	6.0607E-05 (183)	6.5860E-05 (183)	6.8323E-05 (240)
25	6.6199E-05 (260)	7.3093E-05 (260)	7.8727E-05 (260)	8.2703E-05 (260)	8.4958E-05 (260)
26	6.6248E-05 (154)	7.0352E-05 (240)	7.3538E-05 (240)	7.3504E-05 (240)	7.1560E-05 (240)
27	5.9106E-05 (260)	5.7112E-05 (260)	5.9996E-05 (287)	6.2512E-05 (154)	5.8039E-05 (154)
28	6.5124E-05 (239)	6.5072E-05 (239)	6.1360E-05 (239)	5.6969E-05 (286)	5.9489E-05 (286)
29	6.7255E-05 (239)	7.1578E-05 (239)	7.0415E-05 (238)	7.1262E-05 (239)	6.9119E-05 (239)
30	4.7954E-05 (202)	5.5636E-05 (238)	5.4520E-05 (202)	5.2871E-05 (202)	4.9917E-05 (202)
31	3.5820E-05 (112)	4.3304E-05 (112)	4.6869E-05 (112)	4.8050E-05 (322)	5.2294E-05 (65)
32	7.2891E-05 (217)	7.2773E-05 (157)	6.8427E-05 (224)	6.5366E-05 (322)	6.4572E-05 (322)
33	8.4007E-05 (217)	8.8739E-05 (217)	8.7489E-05 (217)	8.3093E-05 (217)	7.7468E-05 (217)
34	5.5221E-05 (202)	6.0349E-05 (202)	6.1501E-05 (202)	6.0340E-05 (202)	5.6951E-05 (217)
35	5.6143E-05 (177)	6.1009E-05 (163)	5.9086E-05 (163)	5.6035E-05 (163)	5.2463E-05 (163)
36	5.8507E-05 (160)	6.1358E-05 (148)	5.7632E-05 (163)	5.2605E-05 (163)	4.7993E-05 (163)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 5.4811E-04 DIRECTION= 5 DISTANCE= 3.0 KM DAY=192 TIME PERIOD= 4

YEAR= 73

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	2.5500E-04 (163, 4)	2.2963E-04 (162, 4)	2.3313E-04 (162, 4)	2.2788E-04 (162, 4)	2.1764E-04 (162, 4)
2	3.0421E-04 (157, 5)	3.1216E-04 (159, 6)	2.9892E-04 (151, 4)	3.1307E-04 (71, 5)	3.3872E-04 (71, 5)
3	3.4396E-04 (236, 4)	3.9041E-04 (269, 5)	3.9964E-04 (151, 5)	3.5827E-04 (151, 5)	3.3672E-04 (123, 4)
4	4.2169E-04 (173, 5)	3.8565E-04 (182, 4)	3.6124E-04 (182, 4)	3.3655E-04 (182, 4)	3.1886E-04 (194, 4)
5	5.4811E-04 (192, 4)	5.0227E-04 (313, 4)	5.2519E-04 (313, 4)	5.1840E-04 (313, 4)	4.9620E-04 (313, 4)
6	4.5739E-04 (192, 4)	4.2851E-04 (309, 4)	4.6132E-04 (309, 4)	4.6612E-04 (209, 4)	4.4137E-04 (209, 4)
7	4.9305E-04 (209, 4)	4.9885E-04 (181, 4)	4.8031E-04 (209, 4)	4.4883E-04 (209, 4)	4.1482E-04 (209, 4)
8	4.5037E-04 (185, 4)	4.3757E-04 (185, 4)	4.2715E-04 (27, 5)	4.3488E-04 (218, 4)	4.0276E-04 (187, 3)
9	4.6492E-04 (218, 4)	4.2150E-04 (152, 4)	4.0436E-04 (152, 4)	4.1257E-04 (66, 5)	4.5641E-04 (66, 5)
10	3.4917E-04 (140, 4)	3.6772E-04 (140, 4)	3.6683E-04 (140, 4)	3.6352E-04 (196, 5)	3.5205E-04 (196, 5)
11	2.9400E-04 (259, 4)	2.6119E-04 (263, 5)	2.8074E-04 (263, 5)	2.8473E-04 (263, 5)	2.7855E-04 (263, 5)
12	2.9973E-04 (135, 3)	3.5570E-04 (135, 3)	3.5855E-04 (259, 4)	3.2380E-04 (259, 4)	2.9599E-04 (100, 4)
13	1.8550E-04 (103, 5)	2.0169E-04 (135, 3)	2.1111E-04 (135, 3)	2.0557E-04 (124, 5)	1.9715E-04 (135, 3)
14	2.5127E-04 (103, 5)	2.6098E-04 (103, 5)	2.7856E-04 (175, 5)	2.9732E-04 (175, 5)	3.0189E-04 (175, 5)
15	2.2481E-04 (103, 5)	2.4535E-04 (103, 5)	2.4874E-04 (30, 5)	2.4924E-04 (30, 5)	2.6561E-04 (47, 4)
16	2.2151E-04 (95, 5)	2.1033E-04 (95, 5)	1.9099E-04 (95, 5)	2.0383E-04 (124, 3)	2.2632E-04 (119, 4)
17	2.6317E-04 (119, 5)	2.6808E-04 (53, 4)	2.4981E-04 (119, 4)	2.2431E-04 (119, 4)	2.4508E-04 (52, 4)
18	2.4217E-04 (190, 5)	2.5448E-04 (297, 5)	3.0597E-04 (297, 5)	3.3643E-04 (297, 5)	3.4961E-04 (297, 5)
19	2.4720E-04 (305, 4)	2.6841E-04 (305, 4)	2.7219E-04 (305, 4)	2.9424E-04 (42, 5)	3.0569E-04 (42, 5)
20	2.8518E-04 (305, 4)	3.2068E-04 (305, 4)	3.2587E-04 (305, 4)	3.1384E-04 (305, 4)	2.9404E-04 (305, 4)
21	4.0689E-04 (183, 4)	4.1592E-04 (183, 4)	3.9551E-04 (183, 4)	3.6296E-04 (183, 4)	3.2807E-04 (183, 4)
22	4.2259E-04 (78, 4)	4.6814E-04 (233, 4)	4.4791E-04 (233, 4)	4.1679E-04 (233, 4)	3.8463E-04 (233, 4)
23	4.3097E-04 (221, 5)	3.9082E-04 (221, 5)	3.4892E-04 (221, 5)	3.1038E-04 (221, 5)	2.8105E-04 (221, 4)
24	3.3485E-04 (191, 4)	3.2166E-04 (125, 3)	3.2575E-04 (125, 3)	3.2379E-04 (310, 4)	3.3989E-04 (310, 4)
25	3.2061E-04 (352, 4)	3.8124E-04 (352, 4)	4.0501E-04 (352, 4)	4.0534E-04 (352, 4)	3.9319E-04 (352, 4)
26	2.7731E-04 (154, 5)	2.7139E-04 (352, 4)	3.0953E-04 (260, 5)	3.4913E-04 (336, 5)	3.8025E-04 (352, 4)
27	3.0207E-04 (260, 5)	3.3686E-04 (242, 5)	3.5260E-04 (158, 4)	3.1683E-04 (317, 4)	3.3045E-04 (317, 4)
28	3.6238E-04 (238, 4)	3.6641E-04 (238, 4)	3.4631E-04 (238, 4)	3.3234E-04 (18, 4)	3.3056E-04 (18, 4)
29	2.6848E-04 (239, 5)	2.8323E-04 (249, 4)	3.3305E-04 (238, 3)	3.1560E-04 (238, 3)	3.0939E-04 (318, 4)
30	3.5303E-04 (238, 3)	3.8136E-04 (238, 3)	3.7636E-04 (238, 3)	3.7056E-04 (106, 4)	3.6078E-04 (171, 4)
31	2.8641E-04 (112, 4)	3.4612E-04 (112, 4)	3.7439E-04 (112, 4)	3.8028E-04 (112, 4)	3.7244E-04 (112, 4)
32	3.4752E-04 (224, 5)	3.5797E-04 (269, 4)	3.5926E-04 (269, 4)	3.5220E-04 (269, 4)	3.4041E-04 (269, 4)
33	4.3376E-04 (224, 5)	4.1812E-04 (202, 5)	3.9411E-04 (202, 5)	3.5887E-04 (202, 5)	3.4794E-04 (274, 4)
34	4.1671E-04 (217, 4)	3.6740E-04 (261, 4)	3.3719E-04 (123, 3)	3.9468E-04 (123, 3)	3.8807E-04 (217, 4)
35	2.5006E-04 (177, 3)	2.7777E-04 (177, 3)	2.7983E-04 (177, 3)	2.6790E-04 (177, 3)	2.5039E-04 (177, 3)
36	2.9630E-04 (148, 5)	3.4596E-04 (148, 5)	3.1566E-04 (163, 4)	2.8521E-04 (163, 4)	2.6046E-04 (163, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.1597E-04 DIRECTION= 9 DISTANCE= 5.0 KM DAY=231

YEAR= 74

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
DIR					
1	5.1810E-05 (98)	5.0337E-05 (242)	4.5453E-05 (242)	4.0121E-05 (242)	3.5132E-05 (242)
2	4.2313E-05 (127)	5.3238E-05 (127)	5.9889E-05 (127)	6.1482E-05 (207)	5.7207E-05 (207)
3	5.1925E-05 (152)	4.7775E-05 (152)	4.5895E-05 (166)	4.3675E-05 (166)	4.0765E-05 (166)
4	5.6963E-05 (158)	5.4881E-05 (189)	5.7463E-05 (189)	5.9920E-05 (90)	6.0076E-05 (90)
5	6.0815E-05 (234)	5.8435E-05 (234)	5.5314E-05 (206)	5.7326E-05 (157)	5.8051E-05 (158)
6	8.0592E-05 (151)	7.9316E-05 (129)	7.5271E-05 (129)	6.9236E-05 (129)	6.2730E-05 (129)
7	6.7526E-05 (197)	6.6695E-05 (197)	6.1780E-05 (197)	5.6537E-05 (191)	5.7292E-05 (191)
8	7.0110E-05 (196)	7.3407E-05 (196)	7.1019E-05 (196)	6.9330E-05 (163)	7.1959E-05 (163)
9	7.9866E-05 (231)	9.6770E-05 (230)	1.1042E-04 (231)	1.1553E-04 (231)	1.1597E-04 (231)
10	6.3859E-05 (121)	7.3858E-05 (121)	7.9866E-05 (192)	8.1955E-05 (192)	8.0966E-05 (192)
11	5.4206E-05 (211)	5.6587E-05 (200)	6.0093E-05 (200)	6.0858E-05 (200)	5.9761E-05 (200)
12	4.5806E-05 (211)	4.1802E-05 (200)	4.7679E-05 (200)	5.0741E-05 (200)	5.1615E-05 (200)
13	3.3892E-05 (167)	3.6562E-05 (167)	3.6372E-05 (167)	3.4866E-05 (167)	3.2220E-05 (211)
14	3.0366E-05 (99)	2.6612E-05 (211)	2.3285E-05 (211)	2.1565E-05 (222)	2.3421E-05 (222)
15	2.0348E-05 (96)	2.4464E-05 (99)	2.7272E-05 (265)	2.6476E-05 (96)	2.6714E-05 (96)
16	3.9477E-05 (282)	4.2516E-05 (282)	4.3147E-05 (291)	4.9757E-05 (291)	5.3824E-05 (291)
17	4.3978E-05 (338)	4.8085E-05 (234)	4.2858E-05 (234)	3.8753E-05 (234)	3.5444E-05 (234)
18	4.1374E-05 (108)	4.5000E-05 (108)	4.5566E-05 (108)	4.4510E-05 (108)	4.6077E-05 (332)
19	2.8613E-05 (243)	2.9021E-05 (108)	3.3513E-05 (332)	3.6133E-05 (311)	3.5995E-05 (311)
20	4.4888E-05 (243)	4.1691E-05 (311)	4.4452E-05 (281)	4.7856E-05 (281)	4.9156E-05 (281)
21	4.4262E-05 (264)	4.9443E-05 (264)	5.2659E-05 (264)	5.4330E-05 (264)	5.4715E-05 (264)
22	4.6753E-05 (171)	4.7617E-05 (171)	4.5722E-05 (171)	4.2614E-05 (171)	4.1242E-05 (293)
23	5.0009E-05 (233)	5.2719E-05 (286)	5.6359E-05 (298)	6.1421E-05 (298)	5.9091E-05 (171)
24	5.0560E-05 (284)	7.2154E-05 (284)	8.9802E-05 (284)	1.0216E-04 (284)	1.0920E-04 (286)
25	6.6542E-05 (110)	7.5402E-05 (307)	8.4241E-05 (305)	8.4351E-05 (305)	8.2532E-05 (305)
26	8.4446E-05 (305)	9.1515E-05 (110)	8.7486E-05 (110)	8.1923E-05 (110)	7.5926E-05 (110)
27	8.8758E-05 (110)	9.1201E-05 (110)	8.9278E-05 (110)	8.5380E-05 (110)	8.0701E-05 (110)
28	7.3647E-05 (172)	7.6324E-05 (172)	7.4004E-05 (116)	6.7912E-05 (116)	6.1469E-05 (116)
29	4.7199E-05 (240)	4.5559E-05 (227)	4.5066E-05 (221)	4.3493E-05 (221)	4.3965E-05 (139)
30	4.2884E-05 (240)	5.0324E-05 (67)	5.0678E-05 (243)	5.2554E-05 (237)	5.3864E-05 (237)
31	6.3863E-05 (243)	6.4604E-05 (237)	6.1964E-05 (237)	6.7616E-05 (219)	6.9552E-05 (136)
32	5.1227E-05 (97)	5.4363E-05 (64)	5.9527E-05 (65)	6.0172E-05 (234)	5.9908E-05 (63)
33	7.2839E-05 (97)	7.3107E-05 (97)	7.0893E-05 (97)	6.6176E-05 (221)	6.0598E-05 (221)
34	5.4868E-05 (199)	5.8641E-05 (199)	5.8302E-05 (236)	5.7301E-05 (236)	5.4912E-05 (236)
35	5.7790E-05 (242)	5.9721E-05 (159)	5.3393E-05 (159)	4.7158E-05 (164)	4.7933E-05 (164)
36	4.7414E-05 (144)	5.0554E-05 (144)	4.9367E-05 (144)	4.6336E-05 (144)	4.3310E-05 (242)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 5.3328E-04 DIRECTION= 27 DISTANCE= 3.0 KM DAY=180 TIME PERIOD= 4

YEAR= 74

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	3.1380E-04 (221, 5)	3.3892E-04 (210, 4)	3.2541E-04 (210, 4)	3.0240E-04 (210, 4)	2.7818E-04 (210, 4)
2	3.0231E-04 (310, 4)	3.3186E-04 (310, 4)	3.4538E-04 (127, 4)	3.5265E-04 (207, 5)	3.3667E-04 (207, 5)
3	2.3888E-04 (86, 4)	2.6165E-04 (103, 5)	2.7555E-04 (207, 4)	2.5173E-04 (250, 5)	2.4093E-04 (250, 5)
4	4.1527E-04 (158, 5)	4.0323E-04 (90, 5)	4.4618E-04 (90, 5)	4.6264E-04 (90, 5)	4.6108E-04 (90, 5)
5	4.3734E-04 (200, 4)	3.9449E-04 (229, 4)	4.0955E-04 (229, 4)	3.8010E-04 (157, 4)	3.8262E-04 (229, 4)
6	4.5018E-04 (151, 5)	4.3262E-04 (151, 5)	3.9349E-04 (151, 5)	4.0628E-04 (86, 5)	4.1992E-04 (86, 5)
7	3.4727E-04 (129, 4)	3.5831E-04 (226, 5)	3.8220E-04 (226, 5)	3.5554E-04 (205, 5)	3.2372E-04 (146, 4)
8	4.2625E-04 (223, 5)	4.3088E-04 (223, 5)	4.0863E-04 (148, 4)	3.7505E-04 (156, 4)	3.7140E-04 (156, 4)
9	4.4719E-04 (243, 5)	4.4046E-04 (243, 5)	4.4640E-04 (151, 4)	4.0755E-04 (151, 4)	4.2358E-04 (64, 5)
10	3.6616E-04 (247, 5)	3.7300E-04 (247, 5)	3.6848E-04 (121, 4)	3.9487E-04 (197, 6)	4.1536E-04 (197, 6)
11	3.1692E-04 (167, 5)	3.2822E-04 (211, 5)	3.2395E-04 (200, 5)	3.1123E-04 (200, 5)	3.1213E-04 (228, 6)
12	2.4741E-04 (211, 4)	2.3810E-04 (195, 5)	2.6427E-04 (196, 6)	2.4840E-04 (167, 5)	2.4666E-04 (228, 6)
13	2.3347E-04 (237, 5)	2.2400E-04 (237, 5)	2.0358E-04 (237, 5)	1.9904E-04 (99, 5)	2.1700E-04 (257, 6)
14	1.5360E-04 (99, 5)	1.8473E-04 (99, 5)	1.8588E-04 (211, 4)	1.6521E-04 (211, 4)	1.6324E-04 (99, 4)
15	1.4026E-04 (128, 4)	1.7874E-04 (364, 5)	1.9952E-04 (364, 5)	2.0520E-04 (265, 5)	1.8823E-04 (265, 5)
16	2.5337E-04 (234, 4)	2.2840E-04 (282, 4)	2.1840E-04 (282, 4)	2.0478E-04 (162, 4)	2.2205E-04 (338, 4)
17	1.9824E-04 (338, 5)	2.3605E-04 (338, 4)	3.0532E-04 (338, 4)	3.0913E-04 (234, 4)	2.8220E-04 (234, 4)
18	3.0027E-04 (311, 5)	2.6224E-04 (234, 4)	2.6248E-04 (332, 4)	2.8825E-04 (332, 4)	2.9895E-04 (332, 4)
19	1.9371E-04 (108, 5)	1.7934E-04 (243, 5)	1.7323E-04 (115, 5)	1.8426E-04 (115, 5)	1.8670E-04 (115, 5)
20	2.8269E-04 (311, 4)	2.9233E-04 (114, 4)	2.9868E-04 (114, 4)	2.9560E-04 (114, 4)	2.8688E-04 (114, 4)
21	3.0568E-04 (264, 5)	3.4165E-04 (281, 4)	3.6180E-04 (281, 4)	3.6699E-04 (281, 4)	3.6194E-04 (281, 4)
22	2.7716E-04 (172, 4)	2.8564E-04 (172, 4)	2.8286E-04 (172, 4)	3.0961E-04 (254, 6)	3.2795E-04 (254, 6)
23	3.4909E-04 (190, 4)	3.0389E-04 (190, 4)	3.1644E-04 (171, 6)	3.1910E-04 (306, 5)	3.1409E-04 (171, 6)
24	3.4909E-04 (190, 4)	3.8215E-04 (297, 4)	4.0670E-04 (284, 4)	4.5352E-04 (284, 4)	4.7858E-04 (284, 4)
25	4.1080E-04 (110, 5)	4.4138E-04 (110, 5)	4.4127E-04 (286, 5)	4.3288E-04 (305, 4)	4.1536E-04 (110, 5)
26	4.4430E-04 (180, 4)	4.0172E-04 (180, 4)	3.6135E-04 (180, 4)	3.3221E-04 (51, 4)	3.2682E-04 (51, 4)
27	5.3328E-04 (180, 4)	4.7460E-04 (180, 4)	4.2483E-04 (180, 4)	3.8379E-04 (180, 4)	3.4984E-04 (180, 4)
28	4.1237E-04 (164, 4)	3.5897E-04 (164, 4)	3.2956E-04 (172, 3)	3.2861E-04 (169, 4)	3.1790E-04 (172, 3)
29	3.7582E-04 (240, 4)	3.6401E-04 (227, 4)	3.6053E-04 (221, 4)	3.4142E-04 (227, 4)	3.1875E-04 (227, 4)
30	3.4307E-04 (240, 4)	3.3873E-04 (240, 4)	3.5724E-04 (309, 4)	3.3035E-04 (243, 4)	3.0121E-04 (243, 4)
31	4.9068E-04 (237, 4)	4.7734E-04 (237, 4)	4.4493E-04 (237, 4)	4.0801E-04 (237, 4)	3.7279E-04 (237, 4)
32	3.7307E-04 (97, 5)	4.1843E-04 (243, 4)	4.3610E-04 (65, 4)	4.7230E-04 (64, 4)	4.6674E-04 (64, 4)
33	3.8173E-04 (221, 4)	3.3386E-04 (221, 4)	3.1411E-04 (62, 4)	3.5332E-04 (62, 4)	3.5620E-04 (97, 5)
34	3.5854E-04 (159, 4)	3.9427E-04 (159, 4)	4.0715E-04 (159, 4)	4.0461E-04 (159, 4)	3.7787E-04 (199, 4)
35	2.9263E-04 (236, 5)	3.2142E-04 (236, 5)	3.2485E-04 (159, 5)	2.9121E-04 (321, 5)	2.9695E-04 (321, 5)
36	3.1124E-04 (210, 4)	3.2488E-04 (210, 4)	3.1446E-04 (210, 4)	3.3363E-04 (33, 4)	3.4305E-04 (144, 3)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.0775E-04 DIRECTION= 9 DISTANCE= 3.5 KM DAY=179

YEAR= 75

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	5.7379E-05 (99)	5.5570E-05 (120)	4.9471E-05 (120)	4.4970E-05 (249)	4.5494E-05 (255)
2	5.3620E-05 (119)	6.0049E-05 (119)	6.6175E-05 (91)	6.8843E-05 (91)	6.8508E-05 (91)
3	5.1720E-05 (122)	6.5308E-05 (118)	7.3021E-05 (118)	7.5872E-05 (118)	7.5406E-05 (118)
4	6.7271E-05 (161)	6.4937E-05 (171)	6.9975E-05 (24)	7.2721E-05 (24)	7.2687E-05 (24)
5	6.1944E-05 (137)	7.7975E-05 (137)	8.5529E-05 (161)	8.0290E-05 (161)	7.4510E-05 (161)
6	4.7119E-05 (167)	4.7002E-05 (201)	4.8808E-05 (208)	4.9792E-05 (208)	4.9372E-05 (208)
7	9.0119E-05 (178)	9.1260E-05 (178)	8.6861E-05 (178)	8.0115E-05 (178)	7.2811E-05 (178)
8	8.5083E-05 (189)	9.2929E-05 (185)	8.8398E-05 (185)	8.2519E-05 (185)	7.6329E-05 (185)
9	9.9822E-05 (179)	1.0775E-04 (179)	1.0754E-04 (179)	1.0290E-04 (179)	9.6543E-05 (189)
10	7.4019E-05 (166)	7.5890E-05 (179)	7.2402E-05 (179)	6.7023E-05 (179)	6.1302E-05 (179)
11	4.9511E-05 (177)	5.0358E-05 (177)	4.7664E-05 (177)	4.5751E-05 (170)	4.7188E-05 (170)
12	3.2674E-05 (231)	3.4809E-05 (231)	3.5013E-05 (231)	3.4032E-05 (231)	3.4655E-05 (224)
13	5.1981E-05 (244)	6.0455E-05 (226)	6.1004E-05 (226)	5.9075E-05 (226)	5.6877E-05 (230)
14	3.9686E-05 (180)	4.3023E-05 (180)	4.3790E-05 (180)	4.2963E-05 (180)	4.1258E-05 (180)
15	4.1182E-05 (244)	4.6817E-05 (244)	4.4878E-05 (177)	4.0524E-05 (177)	3.6995E-05 (177)
16	4.0092E-05 (144)	4.4460E-05 (95)	4.8136E-05 (95)	4.9634E-05 (95)	4.9075E-05 (244)
17	3.6574E-05 (144)	3.8773E-05 (105)	4.4385E-05 (105)	4.7066E-05 (105)	4.7600E-05 (105)
18	2.7745E-05 (95)	3.2762E-05 (143)	3.4167E-05 (96)	3.7047E-05 (96)	3.8070E-05 (96)
19	2.6561E-05 (94)	2.8243E-05 (94)	2.8703E-05 (94)	2.5803E-05 (143)	2.3083E-05 (143)
20	4.4808E-05 (143)	4.6523E-05 (293)	5.3226E-05 (106)	5.1342E-05 (106)	4.9023E-05 (106)
21	4.6097E-05 (106)	5.1774E-05 (176)	5.3145E-05 (14)	5.8169E-05 (14)	6.0668E-05 (14)
22	5.5134E-05 (141)	6.8012E-05 (141)	7.5110E-05 (176)	7.1117E-05 (176)	6.6585E-05 (176)
23	5.2684E-05 (181)	5.4415E-05 (85)	5.2478E-05 (181)	4.9100E-05 (181)	4.7797E-05 (15)
24	3.8772E-05 (247)	4.3814E-05 (142)	4.6478E-05 (142)	4.6754E-05 (142)	4.5855E-05 (285)
25	5.4772E-05 (250)	5.5332E-05 (97)	6.0064E-05 (142)	6.5010E-05 (142)	6.6804E-05 (142)
26	8.5037E-05 (247)	7.6940E-05 (116)	8.9218E-05 (253)	9.1064E-05 (247)	8.7135E-05 (247)
27	9.4881E-05 (248)	1.0154E-04 (248)	1.0248E-04 (248)	1.0011E-04 (248)	9.5990E-05 (248)
28	6.4867E-05 (250)	7.0647E-05 (250)	7.1721E-05 (250)	6.8638E-05 (184)	6.1295E-05 (184)
29	5.6324E-05 (250)	5.7904E-05 (250)	5.5494E-05 (250)	5.4014E-05 (251)	5.4202E-05 (251)
30	7.1306E-05 (219)	7.7986E-05 (219)	7.6333E-05 (217)	7.1498E-05 (217)	7.3516E-05 (143)
31	4.3442E-05 (114)	4.4136E-05 (219)	4.4885E-05 (219)	4.8167E-05 (222)	5.3730E-05 (222)
32	5.1920E-05 (258)	5.4752E-05 (258)	5.4645E-05 (161)	5.6921E-05 (161)	5.7227E-05 (161)
33	6.0004E-05 (114)	6.0830E-05 (218)	6.2301E-05 (198)	6.2877E-05 (242)	6.1206E-05 (242)
34	5.2995E-05 (260)	5.4796E-05 (260)	5.2957E-05 (260)	4.9939E-05 (216)	4.6971E-05 (198)
35	4.3412E-05 (147)	4.6292E-05 (147)	4.5927E-05 (147)	4.4127E-05 (147)	4.3583E-05 (169)
36	4.2749E-05 (162)	3.9219E-05 (249)	4.2223E-05 (249)	4.3249E-05 (249)	4.4661E-05 (331)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 5.3720E-04 DIRECTION= 30 DISTANCE= 4.0 KM DAY=217 TIME PERIOD= 4

YEAR= 75

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	4.5416E-04 (99, 5)	4.4456E-04 (120, 4)	3.9577E-04 (120, 4)	3.4659E-04 (120, 4)	3.0261E-04 (120, 4)
2	3.3293E-04 (218, 4)	3.5815E-04 (92, 5)	3.6034E-04 (92, 5)	3.6884E-04 (48, 4)	4.0514E-04 (48, 4)
3	3.6813E-04 (216, 5)	4.0372E-04 (216, 5)	4.1556E-04 (216, 5)	4.1133E-04 (216, 5)	3.9167E-04 (203, 4)
4	3.4134E-04 (171, 4)	3.5849E-04 (24, 4)	3.8971E-04 (109, 5)	4.1014E-04 (203, 4)	3.8521E-04 (203, 4)
5	4.8643E-04 (132, 4)	4.5353E-04 (132, 4)	4.0643E-04 (132, 4)	3.8519E-04 (137, 4)	3.8836E-04 (137, 4)
6	3.3106E-04 (176, 4)	2.8841E-04 (32, 5)	2.9144E-04 (32, 5)	2.8221E-04 (32, 5)	2.7497E-04 (137, 4)
7	3.9689E-04 (185, 5)	3.8869E-04 (185, 4)	3.7369E-04 (80, 5)	4.1375E-04 (80, 5)	4.3232E-04 (80, 5)
8	3.7680E-04 (162, 5)	3.7729E-04 (299, 4)	3.8908E-04 (299, 4)	3.8220E-04 (299, 4)	3.4735E-04 (185, 4)
9	4.9166E-04 (166, 5)	4.9750E-04 (180, 4)	4.9264E-04 (180, 4)	4.7079E-04 (180, 4)	4.4192E-04 (180, 4)
10	3.5195E-04 (179, 5)	3.4560E-04 (179, 5)	3.4367E-04 (244, 4)	3.2958E-04 (244, 4)	3.2033E-04 (134, 6)
11	2.8698E-04 (126, 5)	3.0672E-04 (126, 5)	3.0334E-04 (177, 5)	2.7693E-04 (177, 5)	2.8012E-04 (40, 5)
12	2.5300E-04 (97, 4)	2.2918E-04 (140, 6)	2.4876E-04 (140, 6)	2.5537E-04 (140, 6)	2.5311E-04 (140, 6)
13	2.4916E-04 (230, 5)	2.6373E-04 (226, 4)	2.8067E-04 (226, 4)	2.8387E-04 (226, 4)	2.7863E-04 (226, 4)
14	2.6571E-04 (177, 4)	2.2713E-04 (177, 4)	1.9811E-04 (177, 4)	1.9614E-04 (163, 5)	1.9692E-04 (163, 5)
15	2.2199E-04 (297, 4)	2.4002E-04 (244, 4)	2.5865E-04 (244, 4)	2.6111E-04 (244, 4)	2.5360E-04 (244, 4)
16	3.1928E-04 (177, 4)	2.7965E-04 (95, 5)	2.4842E-04 (144, 4)	2.4186E-04 (65, 4)	2.3970E-04 (65, 4)
17	2.9259E-04 (144, 4)	2.8024E-04 (105, 5)	3.2509E-04 (105, 5)	3.2295E-04 (95, 4)	3.1434E-04 (95, 4)
18	2.0245E-04 (95, 4)	2.2191E-04 (95, 4)	2.3086E-04 (95, 4)	2.4670E-04 (326, 4)	2.6436E-04 (326, 4)
19	1.8363E-04 (143, 4)	1.7646E-04 (65, 4)	1.8818E-04 (65, 4)	1.8640E-04 (65, 4)	1.8185E-04 (300, 4)
20	2.4305E-04 (94, 4)	2.9352E-04 (65, 4)	2.8911E-04 (94, 4)	3.0568E-04 (57, 4)	3.0908E-04 (65, 4)
21	3.3291E-04 (64, 5)	4.0285E-04 (64, 5)	4.0702E-04 (176, 4)	4.0312E-04 (56, 4)	4.0954E-04 (56, 4)
22	2.8095E-04 (181, 4)	3.0371E-04 (141, 4)	3.1447E-04 (141, 4)	3.1015E-04 (141, 4)	3.0581E-04 (111, 4)
23	4.2146E-04 (181, 4)	4.1335E-04 (176, 4)	3.8054E-04 (85, 5)	3.9268E-04 (181, 4)	3.6416E-04 (181, 4)
24	3.0055E-04 (247, 5)	3.1600E-04 (276, 4)	3.2478E-04 (276, 4)	3.1474E-04 (276, 4)	3.0908E-04 (175, 4)
25	4.2480E-04 (97, 4)	4.4243E-04 (97, 4)	4.2797E-04 (97, 4)	4.0108E-04 (97, 4)	3.9654E-04 (276, 4)
26	4.2369E-04 (247, 4)	4.2394E-04 (247, 4)	3.9850E-04 (247, 4)	3.6470E-04 (247, 4)	3.5953E-04 (142, 4)
27	4.1200E-04 (248, 5)	4.0407E-04 (248, 5)	4.1904E-04 (284, 4)	4.3022E-04 (284, 4)	4.2543E-04 (284, 4)
28	2.7494E-04 (74, 4)	3.0775E-04 (74, 4)	3.1205E-04 (286, 4)	3.1175E-04 (86, 5)	3.0442E-04 (184, 4)
29	2.7012E-04 (250, 4)	2.7788E-04 (162, 3)	2.8638E-04 (223, 4)	2.8557E-04 (223, 4)	2.7436E-04 (223, 4)
30	5.0898E-04 (219, 4)	5.3064E-04 (219, 4)	5.3720E-04 (217, 4)	4.8779E-04 (217, 4)	4.4307E-04 (217, 4)
31	3.1789E-04 (219, 4)	3.2425E-04 (219, 4)	3.2308E-04 (219, 4)	3.7070E-04 (127, 3)	4.0507E-04 (127, 3)
32	3.1796E-04 (168, 4)	3.2977E-04 (168, 4)	3.2679E-04 (148, 3)	3.3529E-04 (281, 4)	3.4322E-04 (242, 4)
33	4.5477E-04 (114, 5)	4.8020E-04 (242, 4)	4.5861E-04 (242, 4)	4.3257E-04 (242, 4)	4.0468E-04 (242, 4)
34	4.2396E-04 (260, 4)	4.3837E-04 (260, 4)	4.2306E-04 (260, 4)	3.9607E-04 (260, 4)	3.6523E-04 (260, 4)
35	2.9812E-04 (260, 4)	3.1847E-04 (260, 4)	3.1835E-04 (260, 4)	3.0454E-04 (260, 4)	3.0295E-04 (136, 4)
36	3.1811E-04 (120, 4)	2.9127E-04 (120, 4)	2.8891E-04 (202, 4)	2.7669E-04 (145, 3)	2.8070E-04 (145, 3)

COMPOSITE HIGHEST,SECOND-HIGHEST 24-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	57	56	54	54	55
2	55	65	66	69	70
3	66	65	73	76	75
4	68	72	70	73	73
5	95	96	95	92	87
6	87	92	83	77	76
7	91	93	88	84	80
8	87	93	89	83	78
9	116	126	128	129	131
10	100	104	103	100	95
11	58	59	60	61	60
12	54	53	65	73	72
13	52	60	61	59	57
14	44	43	44	43	43
15	41	47	45	42	44
16	43	45	48	50	54
17	44	48	44	47	48
18	41	48	55	56	59
19	42	41	42	44	45
20	55	57	54	51	49
21	78	83	82	78	72
22	67	68	75	71	67
23	92	92	89	83	77
24	63	73	90	102	109
25	67	75	84	84	85
26	85	92	89	91	91
27	95	102	102	100	96
28	74	76	74	69	62
29	67	72	70	71	69
30	71	78	76	71	74
31	64	65	62	68	70
32	73	73	74	75	73
33	84	89	87	83	77
34	55	60	67	73	75
35	70	70	67	61	58
36	81.	82.	78.	74.	69.

COMPOSITE HIGHEST, SECOND-HIGHEST 3-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	454.	445.	396.	356.	367.
2	344.	358.	364.	369.	405.
3	416.	404.	416.	411.	392.
4	422.	403.	446.	463.	461.
5	548.	502.	525.	518.	496.
6	457.	433.	461.	466.	441.
7	493.	499.	480.	461.	432.
8	450.	438.	427.	435.	403.
9	622.	693.	721.	722.	708.
10	495.	514.	502.	478.	481.
11	317.	328.	324.	322.	321.
12	435.	381.	359.	384.	351.
13	249.	291.	312.	313.	302.
14	266.	261.	279.	297.	302.
15	296.	259.	295.	315.	320.
16	319.	302.	290.	321.	323.
17	293.	280.	325.	323.	314.
18	300.	262.	306.	336.	350.
19	247.	268.	272.	294.	306.
20	285.	321.	326.	314.	309.
21	407.	416.	407.	403.	410.
22	423.	468.	448.	417.	385.
23	431.	413.	381.	393.	364.
24	423.	417.	407.	454.	479.
25	425.	442.	441.	433.	415.
26	444.	424.	399.	365.	380.
27	533.	475.	425.	430.	425.
28	412.	375.	346.	372.	386.
29	376.	364.	361.	341.	319.
30	509.	531.	537.	488.	443.
31	491.	477.	445.	408.	405.
32	373.	418.	436.	472.	467.
33	455.	480.	459.	439.	464.
34	424.	438.	424.	438.	451.
35	495.	470.	425.	376.	330.
36	426.	452.	450.	434.	412.

RING DISTANCES(KM)= 5.50 6.00 7.00 20.80 53.20

STACK # 1--TECO 1&2 100% 31.5T/H SO2
STACK # 2--TECO 4 100% 31.5T/H SO2

STACK	MONTH	EMISSION RATE (GMS/SEC)	HEIGHT (METERS)	DIAMETER (METERS)	EXIT VELOCITY (M/SEC)	TEMP (DEG.K)	VOLUMETRIC FLOW (M**3/SEC)
1	ALL	5249.0898	149.40	7.32	28.60	422.00	1203.59
2	ALL	709.4299	149.40	7.32	20.00	342.00	841.67

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAX3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.0425E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=220

YEAR= 71

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	4.2295E-05 (113)	4.0864E-05 (113)	3.7952E-05 (113)	2.9504E-05 (56)	1.8057E-05 (113)
2	6.5321E-05 (331)	6.5198E-05 (331)	6.2843E-05 (331)	3.9506E-05 (113)	2.0788E-05 (228)
3	5.8438E-05 (205)	5.6151E-05 (205)	5.0976E-05 (205)	2.1982E-05 (354)	1.4395E-05 (111)
4	5.7501E-05 (234)	5.2909E-05 (234)	4.5638E-05 (234)	2.0180E-05 (205)	8.0566E-06 (114)
5	5.0682E-05 (205)	5.2302E-05 (205)	4.7743E-05 (178)	2.2230E-05 (178)	1.3455E-05 (112)
6	5.0318E-05 (206)	4.5143E-05 (206)	3.7320E-05 (206)	3.1964E-05 (175)	2.0701E-05 (118)
7	5.6598E-05 (224)	5.3706E-05 (207)	4.7400E-05 (207)	2.3961E-05 (229)	1.3546E-05 (117)
8	6.0405E-05 (139)	5.7343E-05 (139)	5.0839E-05 (139)	2.3583E-05 (167)	1.5736E-05 (256)
9	1.0425E-04 (220)	1.0034E-04 (167)	9.3541E-05 (128)	5.4190E-05 (166)	3.0400E-05 (166)
10	8.0056E-05 (161)	7.8551E-05 (161)	7.3406E-05 (161)	3.4295E-05 (195)	2.1656E-05 (195)
11	5.6083E-05 (196)	5.4539E-05 (196)	4.9790E-05 (196)	2.8777E-05 (44)	1.4256E-05 (325)
12	6.4926E-05 (198)	5.8962E-05 (198)	4.9371E-05 (198)	3.9131E-05 (123)	2.0347E-05 (44)
13	4.6847E-05 (123)	4.5551E-05 (123)	4.2212E-05 (123)	2.2473E-05 (123)	1.4100E-05 (220)
14	4.0797E-05 (222)	3.9790E-05 (222)	3.6879E-05 (222)	2.6198E-05 (63)	1.4540E-05 (19)
15	4.5224E-05 (221)	4.5410E-05 (221)	4.3412E-05 (221)	2.9279E-05 (121)	1.5067E-05 (121)
16	4.3845E-05 (124)	4.3454E-05 (124)	4.1130E-05 (124)	2.6948E-05 (121)	1.5774E-05 (76)
17	3.1286E-05 (169)	3.0621E-05 (169)	2.8584E-05 (169)	1.6514E-05 (19)	1.0207E-05 (67)
18	3.8583E-05 (99)	3.6755E-05 (99)	3.2922E-05 (99)	1.9038E-05 (226)	1.4592E-05 (89)
19	3.2948E-05 (316)	3.3017E-05 (316)	3.1248E-05 (316)	2.5862E-05 (67)	1.7168E-05 (314)
20	3.0551E-05 (46)	2.8657E-05 (46)	2.5207E-05 (46)	1.6293E-05 (170)	1.0479E-05 (41)
21	4.7874E-05 (311)	4.7285E-05 (311)	4.4233E-05 (311)	2.9841E-05 (356)	2.2753E-05 (308)
22	3.6948E-05 (326)	3.8572E-05 (326)	3.9382E-05 (326)	2.9677E-05 (356)	1.9898E-05 (301)
23	5.2474E-05 (272)	5.1016E-05 (272)	4.9414E-05 (329)	4.4737E-05 (292)	2.7611E-05 (292)
24	6.7261E-05 (156)	6.2601E-05 (156)	5.4493E-05 (156)	3.4879E-05 (352)	3.1625E-05 (319)
25	5.2398E-05 (285)	5.1323E-05 (285)	4.7756E-05 (285)	3.0051E-05 (335)	2.0314E-05 (156)
26	5.0492E-05 (267)	5.0100E-05 (267)	4.7127E-05 (267)	3.2951E-05 (33)	2.1780E-05 (33)
27	8.6213E-05 (190)	8.4317E-05 (101)	7.6149E-05 (101)	3.5934E-05 (190)	2.2204E-05 (49)
28	6.1162E-05 (248)	5.9704E-05 (248)	5.4783E-05 (248)	2.7710E-05 (305)	2.1102E-05 (244)
29	6.0710E-05 (214)	6.1040E-05 (214)	5.8667E-05 (214)	2.7656E-05 (247)	2.0093E-05 (143)
30	6.1321E-05 (210)	6.2815E-05 (210)	6.2409E-05 (210)	3.2819E-05 (138)	2.6819E-05 (3)
31	4.4444E-05 (243)	4.4513E-05 (243)	4.2553E-05 (243)	2.4982E-05 (209)	2.0030E-05 (261)
32	6.9757E-05 (2)	6.5857E-05 (2)	5.8329E-05 (2)	2.2765E-05 (2)	1.2438E-05 (132)
33	6.7179E-05 (363)	6.8523E-05 (363)	6.5336E-05 (185)	3.5629E-05 (185)	2.1685E-05 (361)
34	7.4968E-05 (187)	7.1580E-05 (259)	6.2933E-05 (259)	2.1774E-05 (187)	1.3788E-05 (59)
35	5.5212E-05 (229)	5.2315E-05 (229)	4.6660E-05 (229)	1.6072E-05 (229)	1.2384E-05 (255)
36	6.4050E-05 (260)	5.9584E-05 (260)	5.1821E-05 (260)	2.7115E-05 (58)	2.0026E-05 (229)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MM3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 5.0466E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=178 TIME PERIOD= 4

YEAR= 71

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE DIR	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	2.7755E-04 (296, 4)	2.6006E-04 (296, 4)	2.2872E-04 (193, 5)	1.3969E-04 (62, 3)	9.0974E-05 (201, 4)
2	3.5012E-04 (25, 4)	3.5279E-04 (73, 4)	3.4549E-04 (25, 4)	1.5338E-04 (331, 4)	7.5803E-05 (30, 6)
3	3.1782E-04 (235, 5)	3.0221E-04 (235, 5)	2.9211E-04 (331, 4)	1.2892E-04 (263, 6)	6.8788E-05 (65, 6)
4	3.6867E-04 (127, 4)	3.7155E-04 (127, 4)	3.3055E-04 (234, 4)	1.2250E-04 (233, 6)	5.7354E-05 (201, 5)
5	3.4529E-04 (178, 3)	3.6651E-04 (178, 3)	3.6294E-04 (234, 4)	1.5600E-04 (205, 6)	6.7985E-05 (205, 6)
6	3.4646E-04 (200, 4)	3.1982E-04 (200, 4)	2.7581E-04 (200, 4)	1.1815E-04 (114, 2)	8.8871E-05 (60, 7)
7	3.1645E-04 (295, 4)	3.1855E-04 (21, 5)	3.1496E-04 (21, 5)	1.5892E-04 (114, 5)	7.6032E-05 (73, 6)
8	3.8094E-04 (160, 4)	3.6315E-04 (232, 5)	3.5471E-04 (232, 5)	1.1321E-04 (121, 1)	7.9089E-05 (344, 6)
9	5.0466E-04 (178, 4)	4.7837E-04 (178, 4)	4.3593E-04 (238, 5)	1.7825E-04 (256, 4)	9.5590E-05 (200, 6)
10	4.6995E-04 (168, 4)	4.5086E-04 (168, 4)	3.9875E-04 (204, 5)	1.6342E-04 (172, 6)	9.2141E-05 (172, 8)
11	3.1085E-04 (204, 5)	2.9075E-04 (204, 5)	2.5276E-04 (204, 5)	1.0170E-04 (96, 8)	6.3578E-05 (224, 2)
12	3.2070E-04 (198, 4)	2.9388E-04 (198, 4)	2.5051E-04 (198, 4)	1.3597E-04 (39, 6)	7.0470E-05 (136, 4)
13	2.9300E-04 (136, 4)	2.8681E-04 (136, 4)	2.6203E-04 (136, 4)	1.0193E-04 (123, 4)	7.2186E-05 (223, 3)
14	2.7589E-04 (199, 6)	2.8318E-04 (199, 6)	2.7953E-04 (199, 6)	1.3221E-04 (235, 5)	6.6396E-05 (136, 2)
15	3.2294E-04 (222, 4)	3.0443E-04 (222, 4)	2.7284E-04 (222, 5)	1.1183E-04 (89, 1)	7.7612E-05 (70, 7)
16	3.1727E-04 (169, 4)	3.0874E-04 (169, 4)	2.8788E-04 (169, 4)	1.3789E-04 (89, 4)	7.9500E-05 (93, 1)
17	2.1417E-04 (315, 5)	2.1917E-04 (315, 5)	2.1636E-04 (317, 4)	1.1418E-04 (67, 4)	6.0998E-05 (67, 4)
18	2.7623E-04 (124, 5)	2.6121E-04 (124, 5)	2.3943E-04 (334, 5)	1.1909E-04 (334, 5)	7.7865E-05 (89, 3)
19	2.5654E-04 (316, 5)	2.5776E-04 (316, 5)	2.4475E-04 (316, 5)	1.0650E-04 (314, 6)	8.1730E-05 (67, 3)
20	2.4441E-04 (46, 5)	2.2926E-04 (46, 5)	2.0165E-04 (46, 5)	1.0770E-04 (301, 5)	5.9058E-05 (326, 2)
21	2.4474E-04 (98, 4)	2.3524E-04 (98, 4)	2.1245E-04 (98, 4)	1.1566E-04 (338, 4)	1.0481E-04 (357, 1)
22	2.8666E-04 (291, 5)	2.7604E-04 (291, 5)	2.7249E-04 (326, 4)	1.2409E-04 (326, 4)	9.5473E-05 (313, 8)
23	3.1466E-04 (273, 4)	3.2149E-04 (273, 4)	3.2507E-04 (273, 4)	1.5499E-04 (270, 4)	8.8468E-05 (32, 3)
24	3.1189E-04 (90, 4)	2.9445E-04 (90, 4)	2.6050E-04 (90, 4)	1.4267E-04 (357, 5)	1.1045E-04 (310, 1)
25	3.7054E-04 (156, 3)	3.7929E-04 (156, 3)	3.7080E-04 (285, 4)	1.5588E-04 (232, 4)	9.6747E-05 (336, 6)
26	3.0764E-04 (360, 4)	2.9884E-04 (360, 4)	2.7674E-04 (156, 3)	1.2122E-04 (241, 6)	9.1923E-05 (353, 3)
27	3.4276E-04 (265, 4)	3.4302E-04 (265, 4)	3.3156E-04 (265, 4)	1.7793E-04 (313, 4)	9.2452E-05 (313, 4)
28	3.0033E-04 (68, 5)	3.0819E-04 (64, 4)	2.9602E-04 (101, 5)	1.4193E-04 (193, 6)	9.2434E-05 (327, 6)
29	3.0220E-04 (360, 5)	3.0012E-04 (360, 5)	2.8196E-04 (360, 5)	1.4798E-04 (233, 4)	7.1686E-05 (305, 8)
30	4.2962E-04 (211, 3)	4.2856E-04 (182, 4)	3.7989E-04 (182, 4)	1.5024E-04 (144, 3)	1.0753E-04 (253, 1)
31	2.5168E-04 (278, 4)	2.5301E-04 (278, 4)	2.4970E-04 (261, 4)	1.1644E-04 (362, 4)	7.9790E-05 (139, 2)
32	3.1250E-04 (2, 4)	2.9255E-04 (2, 4)	2.7531E-04 (346, 4)	1.2478E-04 (346, 4)	7.4366E-05 (132, 1)
33	4.3988E-04 (185, 4)	4.6220E-04 (185, 4)	4.5566E-04 (91, 5)	1.6219E-04 (333, 1)	9.9572E-05 (185, 4)
34	4.4787E-04 (187, 4)	4.3383E-04 (259, 4)	3.8673E-04 (259, 4)	1.3834E-04 (259, 4)	7.9666E-05 (59, 1)
35	2.9075E-04 (211, 4)	2.5753E-04 (211, 4)	2.1395E-04 (218, 5)	9.2734E-05 (176, 8)	9.9075E-05 (255, 8)
36	3.8694E-04 (260, 4)	3.6247E-04 (260, 4)	3.1801E-04 (260, 4)	1.7416E-04 (58, 4)	9.6804E-05 (229, 4)

PLANT NAME: TEPO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.3098E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=207

YEAR= 72

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	5.4634E-05 (107)	5.3412E-05 (107)	4.9489E-05 (107)	2.5049E-05 (330)	1.6487E-05 (65)
2	7.0649E-05 (57)	6.9778E-05 (57)	6.6544E-05 (114)	3.1058E-05 (55)	1.6508E-05 (5)
3	5.9389E-05 (105)	5.7499E-05 (105)	5.2658E-05 (105)	2.9312E-05 (129)	2.0178E-05 (89)
4	4.9378E-05 (269)	4.9560E-05 (269)	4.2234E-05 (195)	1.5449E-05 (269)	8.9846E-06 (312)
5	7.6977E-05 (211)	7.4571E-05 (211)	6.5631E-05 (261)	2.4371E-05 (211)	1.3484E-05 (312)
6	6.8988E-05 (261)	6.5662E-05 (261)	6.0016E-05 (261)	3.3029E-05 (85)	1.5599E-05 (107)
7	7.1610E-05 (298)	6.6920E-05 (316)	6.3583E-05 (309)	2.7498E-05 (172)	1.6368E-05 (99)
8	6.9693E-05 (220)	6.6619E-05 (220)	6.0585E-05 (220)	3.4320E-05 (172)	2.0442E-05 (180)
9	1.3098E-04 (207)	1.2881E-04 (207)	1.2144E-04 (207)	8.1752E-05 (174)	4.5054E-05 (174)
10	9.0759E-05 (242)	8.6095E-05 (242)	7.7521E-05 (242)	3.8709E-05 (183)	1.7428E-05 (124)
11	5.5677E-05 (131)	5.2894E-05 (131)	4.6708E-05 (131)	2.9365E-05 (143)	1.7637E-05 (143)
12	3.8820E-05 (245)	4.0970E-05 (245)	3.8994E-05 (231)	1.8654E-05 (49)	1.4968E-05 (5)
13	3.4014E-05 (185)	3.4867E-05 (185)	3.4684E-05 (185)	2.9067E-05 (44)	1.8171E-05 (361)
14	3.1928E-05 (146)	3.0320E-05 (146)	2.6628E-05 (146)	2.1357E-05 (360)	1.4817E-05 (358)
15	3.2109E-05 (146)	3.1509E-05 (146)	2.9395E-05 (146)	2.4087E-05 (362)	1.6945E-05 (44)
16	2.9608E-05 (322)	3.0987E-05 (322)	2.9330E-05 (260)	2.1551E-05 (362)	1.2180E-05 (325)
17	3.0225E-05 (326)	3.4304E-05 (326)	4.0366E-05 (326)	3.2053E-05 (351)	1.9689E-05 (351)
18	3.5206E-05 (247)	3.3181E-05 (247)	3.3574E-05 (147)	3.4077E-05 (320)	2.8168E-05 (320)
19	3.0146E-05 (19)	2.9445E-05 (189)	2.5150E-05 (19)	2.5690E-05 (16)	1.8011E-05 (16)
20	4.0040E-05 (252)	3.5719E-05 (252)	3.1305E-05 (264)	1.6931E-05 (92)	1.2444E-05 (327)
21	4.4445E-05 (189)	4.1730E-05 (256)	3.9233E-05 (336)	2.2166E-05 (92)	1.3990E-05 (92)
22	4.0903E-05 (288)	4.1609E-05 (288)	4.0637E-05 (86)	3.5661E-05 (66)	2.1388E-05 (69)
23	4.5256E-05 (158)	4.2639E-05 (191)	3.8861E-05 (70)	4.4949E-05 (117)	2.7800E-05 (117)
24	5.8540E-05 (288)	6.1182E-05 (267)	6.0472E-05 (267)	3.8759E-05 (294)	2.3896E-05 (353)
25	6.2012E-05 (157)	5.9694E-05 (157)	5.3728E-05 (157)	3.5654E-05 (156)	2.3093E-05 (156)
26	9.0296E-05 (257)	8.8548E-05 (257)	8.3234E-05 (257)	3.4663E-05 (265)	2.1347E-05 (203)
27	5.7507E-05 (254)	5.7698E-05 (254)	5.6142E-05 (254)	5.1113E-05 (306)	3.4596E-05 (268)
28	6.1148E-05 (339)	5.9707E-05 (339)	5.5657E-05 (339)	5.7883E-05 (121)	3.6160E-05 (121)
29	5.2811E-05 (230)	5.2520E-05 (230)	5.0384E-05 (230)	3.4941E-05 (169)	1.8144E-05 (101)
30	4.9627E-05 (228)	4.7209E-05 (1)	4.5865E-05 (332)	2.4244E-05 (332)	1.7162E-05 (365)
31	5.3499E-05 (241)	5.0976E-05 (196)	4.8641E-05 (297)	2.3052E-05 (213)	1.4507E-05 (308)
32	6.0257E-05 (61)	5.8703E-05 (61)	5.3947E-05 (61)	2.5484E-05 (364)	1.9862E-05 (1)
33	6.3933E-05 (12)	6.5033E-05 (12)	6.3545E-05 (12)	3.4255E-05 (301)	2.1771E-05 (301)
34	4.2470E-05 (54)	4.1008E-05 (54)	3.7511E-05 (54)	1.8217E-05 (90)	1.3212E-05 (2)
35	3.3822E-05 (213)	3.1818E-05 (213)	2.7796E-05 (238)	2.0807E-05 (309)	1.1749E-05 (309)
36	4.2129E-05 (130)	4.0363E-05 (64)	3.6370E-05 (196)	2.6038E-05 (14)	1.5455E-05 (357)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 6.8151E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=207 TIME PERIOD= 4

YEAR= 72

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	3.5326E-04 (113, 4)	3.3351E-04 (113, 4)	2.9129E-04 (113, 4)	1.2569E-04 (38, 2)	9.5364E-05 (330, 7)
2	3.5960E-04 (57, 4)	3.5841E-04 (57, 4)	3.4212E-04 (57, 4)	1.3279E-04 (171, 6)	6.3917E-05 (31, 2)
3	3.1242E-04 (149, 5)	3.0739E-04 (149, 5)	2.8727E-04 (98, 4)	1.2842E-04 (300, 6)	7.8290E-05 (319, 6)
4	2.8995E-04 (110, 5)	2.7295E-04 (110, 5)	2.4428E-04 (209, 4)	9.6837E-05 (269, 6)	6.0442E-05 (14, 5)
5	3.6633E-04 (292, 4)	3.5599E-04 (292, 4)	3.2680E-04 (292, 4)	1.2126E-04 (357, 5)	7.8922E-05 (233, 4)
6	4.3316E-04 (85, 4)	4.2703E-04 (210, 6)	4.0483E-04 (210, 6)	1.7885E-04 (210, 6)	9.1815E-05 (85, 4)
7	3.9850E-04 (298, 5)	3.7493E-04 (299, 4)	3.3872E-04 (138, 4)	1.2811E-04 (309, 5)	6.5449E-05 (138, 4)
8	3.7261E-04 (153, 4)	3.7335E-04 (153, 4)	3.5578E-04 (153, 4)	1.3257E-04 (290, 4)	7.1550E-05 (177, 6)
9	6.8151E-04 (207, 4)	6.4250E-04 (207, 4)	5.6891E-04 (207, 4)	2.1718E-04 (207, 4)	9.4651E-05 (207, 4)
10	4.5260E-04 (183, 5)	4.2947E-04 (183, 5)	3.8436E-04 (183, 5)	1.6364E-04 (96, 6)	8.8650E-05 (209, 6)
11	2.8518E-04 (222, 5)	2.7414E-04 (222, 5)	2.4531E-04 (222, 5)	1.2993E-04 (44, 6)	7.3508E-05 (97, 7)
12	2.5427E-04 (245, 6)	2.6231E-04 (112, 4)	2.3202E-04 (112, 4)	1.0307E-04 (350, 8)	8.8287E-05 (245, 6)
13	2.2904E-04 (112, 4)	2.1612E-04 (112, 4)	2.4189E-04 (226, 6)	1.0781E-04 (50, 5)	6.8701E-05 (91, 7)
14	2.5494E-04 (282, 4)	2.3890E-04 (282, 4)	2.1013E-04 (282, 4)	1.3279E-04 (322, 5)	8.0429E-05 (322, 5)
15	1.8471E-04 (109, 6)	1.8504E-04 (109, 6)	1.7731E-04 (109, 6)	1.1164E-04 (50, 2)	8.5472E-05 (50, 1)
16	1.7338E-04 (260, 5)	1.7603E-04 (259, 6)	1.7144E-04 (259, 6)	1.0368E-04 (322, 4)	6.2347E-05 (217, 8)
17	1.7592E-04 (279, 5)	1.9797E-04 (326, 5)	2.3442E-04 (326, 5)	1.4013E-04 (326, 5)	7.0892E-05 (326, 2)
18	2.4266E-04 (260, 4)	2.4702E-04 (147, 4)	2.6859E-04 (147, 4)	1.1045E-04 (48, 1)	9.0650E-05 (320, 3)
19	1.9841E-04 (206, 4)	1.8762E-04 (206, 4)	1.6801E-04 (289, 4)	1.2169E-04 (16, 2)	8.9829E-05 (16, 2)
20	1.9841E-04 (206, 4)	1.8762E-04 (206, 4)	1.8029E-04 (7, 4)	1.0234E-04 (15, 8)	6.1476E-05 (15, 8)
21	2.6497E-04 (288, 5)	2.7166E-04 (288, 5)	2.6940E-04 (288, 5)	1.0421E-04 (16, 5)	7.8704E-05 (7, 3)
22	2.4561E-04 (189, 4)	2.3200E-04 (189, 4)	2.3084E-04 (279, 3)	1.2783E-04 (17, 1)	7.6607E-05 (278, 2)
23	2.4999E-04 (272, 3)	2.6489E-04 (272, 3)	2.7474E-04 (272, 3)	1.3963E-04 (337, 4)	9.3513E-05 (17, 8)
24	2.7110E-04 (158, 5)	2.6400E-04 (186, 4)	2.4188E-04 (288, 3)	1.2279E-04 (294, 4)	8.7691E-05 (339, 2)
25	3.6491E-04 (226, 4)	3.5796E-04 (226, 4)	3.3285E-04 (226, 4)	1.4094E-04 (264, 3)	8.9377E-05 (310, 1)
26	2.7838E-04 (246, 4)	2.6524E-04 (246, 4)	2.3884E-04 (246, 4)	1.4218E-04 (164, 3)	9.4523E-05 (66, 6)
27	2.8549E-04 (339, 4)	2.8839E-04 (337, 5)	2.9301E-04 (240, 4)	1.4473E-04 (306, 5)	1.1518E-04 (166, 1)
28	3.8616E-04 (297, 4)	3.7771E-04 (297, 4)	3.4707E-04 (297, 4)	1.5534E-04 (133, 7)	9.7345E-05 (133, 7)
29	2.4428E-04 (230, 4)	2.3339E-04 (339, 4)	2.2366E-04 (345, 5)	1.1201E-04 (53, 4)	7.6883E-05 (222, 8)
30	3.7332E-04 (1, 4)	3.7719E-04 (1, 4)	3.6574E-04 (1, 4)	1.6217E-04 (198, 4)	7.4608E-05 (345, 4)
31	2.9246E-04 (332, 5)	3.0091E-04 (332, 5)	2.9786E-04 (332, 5)	1.1727E-04 (241, 4)	6.4897E-05 (269, 4)
32	3.2395E-04 (61, 4)	3.1530E-04 (61, 4)	2.9789E-04 (161, 4)	1.1972E-04 (161, 4)	9.0308E-05 (349, 8)
33	4.7349E-04 (229, 4)	4.4851E-04 (229, 4)	3.9915E-04 (229, 4)	1.6588E-04 (171, 2)	7.7669E-05 (301, 8)
34	2.1177E-04 (54, 4)	2.1121E-04 (161, 4)	2.4715E-04 (161, 4)	1.4121E-04 (211, 3)	7.6753E-05 (111, 3)
35	2.7058E-04 (213, 5)	2.5454E-04 (213, 5)	2.2236E-04 (238, 4)	1.1485E-04 (319, 4)	6.7455E-05 (13, 8)
36	3.3698E-04 (136, 4)	3.2290E-04 (64, 4)	2.8976E-04 (64, 4)	1.2849E-04 (136, 4)	6.8082E-05 (89, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAX3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 9.4902E-05 DIRECTION= 9 DISTANCE= 5.5 KM DAY=132

YEAR= 73

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	4.6819E-05 (193)	4.9037E-05 (193)	5.0478E-05 (193)	2.8084E-05 (146)	1.5754E-05 (148)
2	5.4804E-05 (71)	5.4703E-05 (159)	5.0870E-05 (159)	2.6043E-05 (339)	1.6193E-05 (146)
3	5.3517E-05 (123)	5.2228E-05 (123)	4.6917E-05 (226)	2.3124E-05 (226)	1.4650E-05 (115)
4	5.4706E-05 (173)	5.2358E-05 (173)	4.7932E-05 (173)	2.2000E-05 (20)	1.3274E-05 (145)
5	8.2758E-05 (192)	7.7891E-05 (192)	6.8584E-05 (192)	2.4800E-05 (313)	1.2837E-05 (117)
6	7.3563E-05 (186)	7.0047E-05 (186)	6.1891E-05 (209)	3.1226E-05 (209)	1.5831E-05 (209)
7	7.5520E-05 (185)	7.0354E-05 (185)	6.1237E-05 (185)	2.7134E-05 (140)	1.6211E-05 (114)
8	7.8942E-05 (253)	7.8298E-05 (253)	7.4505E-05 (253)	3.2613E-05 (253)	1.3586E-05 (253)
9	9.4902E-05 (132)	8.8568E-05 (132)	7.7456E-05 (132)	2.9860E-05 (142)	2.0166E-05 (85)
10	7.5289E-05 (196)	7.1410E-05 (196)	6.2755E-05 (196)	3.1544E-05 (169)	2.2863E-05 (258)
11	5.1000E-05 (169)	4.8908E-05 (169)	4.5153E-05 (169)	3.6944E-05 (85)	1.7901E-05 (85)
12	4.7201E-05 (124)	4.6015E-05 (124)	4.2401E-05 (124)	2.7267E-05 (98)	2.0331E-05 (98)
13	2.6691E-05 (124)	2.8335E-05 (168)	3.0042E-05 (168)	4.5953E-05 (29)	2.2909E-05 (41)
14	4.1708E-05 (169)	4.0148E-05 (169)	3.7206E-05 (175)	2.9076E-05 (175)	2.0083E-05 (175)
15	3.4733E-05 (47)	3.5224E-05 (47)	3.4297E-05 (47)	2.4116E-05 (350)	1.5728E-05 (350)
16	3.7339E-05 (119)	3.4455E-05 (119)	3.6390E-05 (188)	1.8029E-05 (188)	1.2799E-05 (342)
17	4.0537E-05 (53)	3.9609E-05 (119)	3.8416E-05 (188)	2.8184E-05 (342)	2.0212E-05 (342)
18	5.8939E-05 (103)	5.7328E-05 (103)	5.2966E-05 (103)	2.2844E-05 (13)	1.8003E-05 (51)
19	4.2848E-05 (103)	4.0169E-05 (103)	3.5190E-05 (103)	2.2480E-05 (305)	1.5253E-05 (136)
20	4.7418E-05 (305)	4.5331E-05 (305)	4.5589E-05 (299)	2.6378E-05 (345)	2.0423E-05 (24)
21	6.6273E-05 (183)	6.0651E-05 (183)	5.2536E-05 (298)	3.3271E-05 (305)	2.2641E-05 (9)
22	5.9187E-05 (78)	5.6009E-05 (78)	4.9776E-05 (78)	3.0533E-05 (233)	2.2986E-05 (292)
23	7.1396E-05 (221)	6.5986E-05 (221)	5.7023E-05 (221)	3.9903E-05 (291)	2.3869E-05 (16)
24	6.9023E-05 (240)	6.8572E-05 (240)	6.5672E-05 (240)	3.4498E-05 (310)	1.9238E-05 (276)
25	8.5678E-05 (260)	8.5169E-05 (260)	8.1734E-05 (260)	3.5188E-05 (260)	2.2958E-05 (17)
26	7.1211E-05 (336)	7.1680E-05 (336)	6.9219E-05 (352)	3.0274E-05 (352)	1.6947E-05 (44)
27	5.3374E-05 (154)	4.8947E-05 (154)	4.4972E-05 (336)	3.7427E-05 (106)	2.2204E-05 (229)
28	5.9869E-05 (286)	5.8821E-05 (286)	5.2204E-05 (158)	3.9046E-05 (105)	2.1628E-05 (105)
29	6.6506E-05 (239)	6.3726E-05 (239)	5.8221E-05 (239)	3.0778E-05 (105)	2.3772E-05 (358)
30	4.6463E-05 (202)	4.4128E-05 (244)	4.1924E-05 (244)	2.9948E-05 (324)	2.1651E-05 (324)
31	5.4475E-05 (65)	5.5079E-05 (65)	5.2973E-05 (171)	2.5616E-05 (88)	2.1238E-05 (113)
32	6.2730E-05 (322)	6.0354E-05 (322)	5.5087E-05 (322)	3.8449E-05 (21)	2.5005E-05 (21)
33	7.1712E-05 (217)	6.6363E-05 (217)	5.7481E-05 (217)	2.4216E-05 (217)	1.5025E-05 (171)
34	5.5029E-05 (202)	5.1924E-05 (202)	4.5959E-05 (202)	2.4236E-05 (123)	1.6041E-05 (213)
35	5.0570E-05 (40)	5.0956E-05 (115)	5.1132E-05 (40)	3.2865E-05 (93)	2.0984E-05 (349)
36	4.7447E-05 (194)	4.6147E-05 (194)	4.2090E-05 (194)	2.3904E-05 (146)	1.8499E-05 (146)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 4.7041E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=132 TIME PERIOD= 5

YEAR= 73

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	2.2397E-04 (150, 4)	2.3331E-04 (150, 4)	2.3771E-04 (150, 4)	1.0898E-04 (150, 4)	7.1188E-05 (127, 7)
2	3.5099E-04 (71, 5)	3.5318E-04 (71, 5)	3.3879E-04 (71, 5)	1.2910E-04 (57, 4)	7.2338E-05 (339, 5)
3	3.3735E-04 (123, 4)	3.3013E-04 (123, 4)	3.0350E-04 (123, 4)	1.3130E-04 (222, 6)	6.9565E-05 (116, 5)
4	3.2367E-04 (194, 4)	3.2470E-04 (194, 4)	3.1734E-04 (194, 4)	1.3800E-04 (313, 4)	6.5300E-05 (210, 8)
5	4.6784E-04 (313, 4)	4.3847E-04 (313, 4)	3.8500E-04 (313, 4)	1.3888E-04 (313, 4)	7.5683E-05 (210, 8)
6	4.1303E-04 (209, 4)	3.8506E-04 (209, 4)	3.3616E-04 (209, 4)	1.3184E-04 (309, 4)	6.5644E-05 (117, 2)
7	3.8222E-04 (209, 4)	3.5971E-04 (219, 4)	3.2408E-04 (219, 4)	1.2059E-04 (181, 4)	7.7153E-05 (140, 6)
8	4.1643E-04 (187, 3)	4.2231E-04 (187, 3)	4.0057E-04 (27, 5)	1.6202E-04 (27, 5)	6.6950E-05 (27, 5)
9	4.7041E-04 (132, 5)	4.4088E-04 (132, 5)	3.8602E-04 (132, 5)	1.4559E-04 (85, 6)	7.5831E-05 (91, 6)
10	3.3402E-04 (194, 5)	3.2376E-04 (208, 4)	2.7791E-04 (208, 4)	1.2377E-04 (178, 4)	7.9730E-05 (258, 7)
11	2.6674E-04 (263, 5)	2.5256E-04 (263, 5)	2.2914E-04 (169, 3)	1.2514E-04 (208, 4)	7.3344E-05 (175, 1)
12	2.8001E-04 (100, 4)	2.6248E-04 (100, 4)	2.5996E-04 (139, 3)	1.2384E-04 (139, 3)	7.4724E-05 (98, 2)
13	2.0891E-04 (124, 5)	2.0260E-04 (124, 5)	1.9313E-04 (356, 5)	1.1244E-04 (41, 4)	9.8481E-05 (268, 7)
14	2.9703E-04 (175, 5)	2.8645E-04 (175, 5)	2.5759E-04 (175, 5)	1.2678E-04 (101, 6)	1.0216E-04 (86, 7)
15	2.7766E-04 (47, 4)	2.8137E-04 (47, 4)	2.4970E-04 (118, 4)	1.2653E-04 (51, 5)	7.1195E-05 (51, 5)
16	2.2133E-04 (188, 4)	2.3947E-04 (188, 4)	2.5890E-04 (188, 4)	1.0815E-04 (188, 4)	7.4466E-05 (12, 5)
17	2.5923E-04 (52, 4)	2.6488E-04 (52, 4)	2.5935E-04 (52, 4)	1.4630E-04 (12, 4)	7.7094E-05 (342, 1)
18	3.5111E-04 (103, 4)	3.4301E-04 (297, 5)	3.1558E-04 (297, 5)	1.0900E-04 (103, 4)	7.1273E-05 (14, 4)
19	3.0580E-04 (42, 5)	2.9856E-04 (42, 5)	2.6448E-04 (103, 4)	1.0294E-04 (10, 1)	6.5491E-05 (136, 4)
20	2.7211E-04 (305, 4)	2.5092E-04 (305, 4)	2.2705E-04 (345, 4)	1.6906E-04 (345, 4)	7.2284E-05 (299, 4)
21	2.9557E-04 (183, 4)	2.7754E-04 (298, 5)	2.5986E-04 (221, 6)	1.2076E-04 (221, 6)	8.1619E-05 (280, 2)
22	3.5508E-04 (233, 4)	3.3569E-04 (125, 4)	3.0509E-04 (125, 4)	1.2184E-04 (125, 4)	7.4925E-05 (280, 3)
23	2.6655E-04 (221, 4)	2.5046E-04 (221, 4)	2.2028E-04 (221, 4)	1.3464E-04 (290, 8)	7.9247E-05 (290, 8)
24	3.3328E-04 (59, 4)	3.3263E-04 (59, 4)	3.1540E-04 (59, 4)	1.2845E-04 (279, 6)	8.4935E-05 (220, 8)
25	3.7560E-04 (352, 4)	3.5637E-04 (352, 4)	3.1994E-04 (321, 4)	1.6597E-04 (290, 4)	9.6818E-05 (265, 4)
26	3.9328E-04 (352, 4)	3.9796E-04 (352, 4)	3.8910E-04 (336, 5)	1.4030E-04 (225, 4)	8.6175E-05 (234, 7)
27	3.3207E-04 (317, 4)	3.2284E-04 (242, 5)	2.8070E-04 (242, 5)	1.4614E-04 (17, 6)	1.1359E-04 (242, 7)
28	3.2030E-04 (18, 4)	3.0589E-04 (18, 4)	2.8280E-04 (55, 6)	1.2798E-04 (158, 4)	9.0742E-05 (60, 8)
29	3.2197E-04 (318, 4)	3.2652E-04 (318, 4)	3.2163E-04 (318, 4)	1.8345E-04 (318, 4)	1.0332E-04 (249, 4)
30	3.4254E-04 (121, 5)	3.3056E-04 (121, 5)	2.9281E-04 (106, 4)	1.3613E-04 (337, 4)	8.5616E-05 (353, 6)
31	3.5709E-04 (112, 4)	3.3823E-04 (112, 4)	2.9845E-04 (112, 4)	1.2661E-04 (87, 8)	8.3310E-05 (68, 2)
32	3.2580E-04 (269, 4)	3.0999E-04 (269, 4)	2.8394E-04 (157, 3)	1.3845E-04 (21, 8)	8.8345E-05 (89, 1)
33	3.5646E-04 (274, 4)	3.5503E-04 (274, 4)	3.2299E-04 (217, 4)	1.1315E-04 (89, 4)	9.3552E-05 (194, 1)
34	3.6106E-04 (217, 4)	3.3544E-04 (217, 4)	2.9144E-04 (217, 4)	1.5212E-04 (64, 4)	8.5175E-05 (123, 3)
35	2.5253E-04 (115, 4)	2.5356E-04 (115, 4)	2.4184E-04 (115, 4)	1.2704E-04 (93, 8)	8.7305E-05 (228, 1)
36	2.4037E-04 (173, 5)	2.4129E-04 (173, 5)	2.2904E-04 (173, 5)	1.0814E-04 (97, 7)	7.2838E-05 (79, 6)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.1338E-04 DIRECTION= 9 DISTANCE= 5.5 KM DAY=231

YEAR= 74

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	3.5935E-05 (203)	3.5929E-05 (203)	3.4472E-05 (203)	2.6454E-05 (98)	1.5707E-05 (52)
2	5.2814E-05 (207)	4.8630E-05 (207)	4.1362E-05 (207)	2.6495E-05 (91)	1.4602E-05 (28)
3	3.7916E-05 (207)	3.5201E-05 (166)	3.3324E-05 (103)	2.0068E-05 (80)	1.4391E-05 (39)
4	5.8745E-05 (90)	5.6580E-05 (90)	5.1413E-05 (229)	4.8439E-05 (229)	1.1517E-05 (210)
5	5.3728E-05 (158)	4.9741E-05 (158)	4.2942E-05 (158)	1.8941E-05 (210)	1.0858E-05 (88)
6	5.6486E-05 (129)	5.1148E-05 (86)	4.4513E-05 (200)	2.5715E-05 (89)	1.5678E-05 (88)
7	5.6329E-05 (191)	5.4314E-05 (191)	5.1120E-05 (232)	3.0593E-05 (16)	1.4589E-05 (173)
8	7.0462E-05 (148)	6.5909E-05 (148)	5.9783E-05 (315)	2.3207E-05 (163)	1.2711E-05 (203)
9	1.1338E-04 (231)	1.0898E-04 (231)	9.7913E-05 (231)	4.5001E-05 (192)	2.4997E-05 (71)
10	7.8220E-05 (192)	7.4607E-05 (192)	6.6767E-05 (192)	2.9789E-05 (211)	1.8091E-05 (47)
11	5.7543E-05 (200)	5.4738E-05 (200)	4.8617E-05 (200)	2.3725E-05 (72)	1.3103E-05 (335)
12	5.0982E-05 (200)	4.9399E-05 (200)	4.4867E-05 (200)	2.4227E-05 (167)	1.3022E-05 (240)
13	3.0719E-05 (257)	2.9106E-05 (167)	2.5987E-05 (167)	2.4529E-05 (335)	1.3100E-05 (76)
14	2.4300E-05 (222)	2.4437E-05 (222)	2.3329E-05 (222)	3.2240E-05 (40)	1.7477E-05 (336)
15	2.6832E-05 (96)	2.7016E-05 (96)	2.5805E-05 (99)	3.2328E-05 (40)	1.6446E-05 (96)
16	5.5814E-05 (291)	5.6284E-05 (291)	5.4512E-05 (291)	2.8647E-05 (338)	1.5840E-05 (326)
17	3.2723E-05 (234)	3.0447E-05 (234)	3.0844E-05 (317)	2.1714E-05 (350)	1.4571E-05 (355)
18	4.6171E-05 (332)	4.5254E-05 (332)	4.1955E-05 (332)	3.4596E-05 (279)	2.1038E-05 (279)
19	3.5275E-05 (311)	3.4895E-05 (364)	3.3830E-05 (332)	2.5231E-05 (311)	1.5506E-05 (311)
20	4.8956E-05 (281)	4.7779E-05 (281)	4.3963E-05 (281)	2.9232E-05 (279)	1.7357E-05 (18)
21	5.6672E-05 (263)	5.8142E-05 (263)	5.5606E-05 (265)	3.0762E-05 (278)	2.1526E-05 (107)
22	4.2047E-05 (254)	4.1869E-05 (254)	3.9789E-05 (254)	4.2712E-05 (312)	2.4512E-05 (276)
23	5.5388E-05 (171)	5.4108E-05 (297)	5.0283E-05 (297)	2.8251E-05 (266)	1.9990E-05 (293)
24	1.0618E-04 (286)	1.0190E-04 (286)	9.1948E-05 (286)	3.5636E-05 (348)	2.3901E-05 (284)
25	7.9776E-05 (305)	7.6652E-05 (305)	7.0379E-05 (305)	3.5184E-05 (285)	1.9098E-05 (194)
26	7.0021E-05 (110)	6.6737E-05 (171)	6.2611E-05 (171)	2.7477E-05 (306)	1.5281E-05 (349)
27	7.5859E-05 (110)	7.1191E-05 (110)	6.1918E-05 (116)	3.2343E-05 (194)	1.8962E-05 (194)
28	5.9268E-05 (236)	5.9113E-05 (236)	5.6908E-05 (236)	3.2592E-05 (101)	1.8799E-05 (36)
29	4.5924E-05 (118)	4.5163E-05 (118)	4.2384E-05 (118)	3.8252E-05 (357)	2.6799E-05 (140)
30	5.4208E-05 (237)	5.2114E-05 (67)	4.7594E-05 (329)	2.4177E-05 (329)	1.5054E-05 (334)
31	6.7295E-05 (136)	6.9081E-05 (215)	6.9223E-05 (215)	3.6988E-05 (134)	2.1999E-05 (219)
32	5.9472E-05 (63)	5.7802E-05 (63)	5.4635E-05 (6)	2.3815E-05 (6)	1.5921E-05 (165)
33	5.5524E-05 (221)	5.4123E-05 (63)	4.8278E-05 (11)	2.5116E-05 (94)	1.4933E-05 (94)
34	5.1850E-05 (236)	4.8505E-05 (236)	4.2233E-05 (236)	2.4936E-05 (184)	1.9076E-05 (84)
35	4.7148E-05 (164)	4.5440E-05 (164)	4.0918E-05 (164)	2.1806E-05 (212)	1.2235E-05 (175)
36	3.9804E-05 (93)	4.0763E-05 (208)	4.1077E-05 (208)	2.8297E-05 (341)	2.2403E-05 (341)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 4.8750E-04 DIRECTION= 24 DISTANCE= 5.5 KM DAY=284 TIME PERIOD= 4

YEAR= 74

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	2.5603E-04 (210, 4)	2.5969E-04 (208, 4)	2.5311E-04 (208, 4)	1.5171E-04 (154, 4)	8.4880E-05 (354, 5)
2	3.1642E-04 (207, 5)	2.9485E-04 (207, 5)	2.7175E-04 (21, 4)	1.2305E-04 (91, 6)	6.6878E-05 (38, 5)
3	2.2791E-04 (250, 5)	2.1485E-04 (148, 4)	1.9738E-04 (127, 4)	9.7369E-05 (80, 6)	8.2099E-05 (83, 2)
4	4.4863E-04 (90, 5)	4.2998E-04 (229, 4)	3.7380E-04 (229, 4)	1.2035E-04 (212, 3)	5.5692E-05 (229, 4)
5	[illegible]	3.3428E-04 (229, [illegible]	[illegible]	1.0820E-04 (157, 4)	5.6666E-05 (329, 7)
6	[illegible]	[illegible]	3.8728E-04 (200, 4)	[illegible]	6.9152E-05 (143, 6)
7	3.2748E-04 (146, 4)	3.2451E-04 (146, 4)	2.9013E-04 (7, 5)	1.3759E-04 (232[illegible]	[illegible]
8	3.5992E-04 (156, 4)	3.5320E-04 (315, 5)	3.2521E-04 (145, 4)	1.1206E-04 (85, 5)	7.6441E-05 (203, 1[illegible]
9	4.2601E-04 (64, 5)	4.1803E-04 (64, 5)	3.8551E-04 (64, 5)	1.3842E-04 (18, 5)	7.1142E-05 (120, 5)
10	4.1107E-04 (211, 5)	3.9949E-04 (211, 5)	3.7227E-04 (211, 5)	1.2586E-04 (173, 6)	7.0897E-05 (65, 6)
11	3.1469E-04 (228, 6)	3.1129E-04 (228, 6)	2.9414E-04 (228, 6)	1.1293E-04 (193, 2)	7.1354E-05 (193, 2)
12	2.4263E-04 (228, 6)	2.3505E-04 (228, 6)	2.2199E-04 (167, 3)	1.0153E-04 (167, 3)	6.2497E-05 (240, 7)
13	2.3170E-04 (211, 4)	2.1498E-04 (211, 4)	1.8832E-04 (211, 4)	1.0055E-04 (120, 6)	7.2670E-05 (48, 1)
14	1.6452E-04 (99, 4)	1.6175E-04 (99, 4)	1.6139E-04 (223, 4)	1.1531E-04 (95, 6)	8.4830E-05 (56, 6)
15	1.7830E-04 (170, 6)	1.7803E-04 (170, 6)	1.6868E-04 (170, 6)	9.9114E-05 (40, 2)	6.6848E-05 (90, 3)
16	2.4202E-04 (338, 4)	2.5354E-04 (338, 4)	2.4772E-04 (338, 5)	1.3516E-04 (316, 3)	7.1011E-05 (316, 3)
17	2.5990E-04 (234, 4)	2.4111E-04 (234, 4)	2.4424E-04 (317, 5)	1.1780E-04 (106, 7)	8.4554E-05 (350, 3)
18	2.9897E-04 (332, 4)	2.9205E-04 (332, 4)	2.6762E-04 (332, 4)	1.3117E-04 (279, 8)	7.3625E-05 (182, 5)
19	1.8351E-04 (332, 5)	1.7930E-04 (332, 5)	1.6736E-04 (258, 5)	9.3561E-05 (57, 1)	6.5607E-05 (57, 4)
20	2.7503E-04 (114, 4)	2.6912E-04 (282, 5)	2.6027E-04 (282, 5)	1.1903E-04 (96, 3)	7.1098E-05 (18, 8)
21	3.6410E-04 (263, 5)	3.6453E-04 (263, 5)	3.3168E-04 (265, 4)	1.2572E-04 (77, 4)	9.5183E-05 (107, 2)
22	3.3428E-04 (254, 6)	3.3225E-04 (254, 6)	3.1429E-04 (254, 6)	1.2493E-04 (254, 6)	7.2004E-05 (8, 3)
23	3.0353E-04 (171, 6)	2.8992E-04 (171, 6)	2.5938E-04 (171, 6)	1.1836E-04 (315, 4)	8.3656E-05 (58, 4)
24	4.8750E-04 (284, 4)	4.8537E-04 (284, 4)	4.6265E-04 (284, 4)	1.8784E-04 (284, 4)	9.3240E-05 (59, 2)
25	3.9162E-04 (110, 5)	3.6637E-04 (110, 5)	3.1736E-04 (110, 5)	1.3688E-04 (73, 8)	9.8543E-05 (183, 1)
26	3.1566E-04 (51, 4)	3.0208E-04 (51, 4)	2.7417E-04 (51, 4)	1.1517E-04 (115, 7)	8.7901E-05 (188, 8)
27	3.2277E-04 (299, 5)	3.2930E-04 (299, 5)	3.2269E-04 (299, 5)	1.3634E-04 (288, 4)	1.1331E-04 (318, 8)
28	3.0056E-04 (172, 3)	2.9795E-04 (169, 4)	2.8081E-04 (236, 3)	1.4550E-04 (328, 4)	8.7366E-05 (2, 4)
29	3.0312E-04 (225, 4)	2.8685E-04 (221, 4)	2.5159E-04 (221, 4)	1.1726E-04 (140, 3)	8.0203E-05 (310, 1)
30	2.7661E-04 (243, 4)	2.5929E-04 (67, 4)	2.4068E-04 (67, 4)	1.2417E-04 (138, 3)	7.2965E-05 (111, 8)
31	3.6620E-04 (136, 4)	3.4571E-04 (243, 4)	3.1302E-04 (219, 4)	1.1789E-04 (136, 4)	6.8797E-05 (212, 2)
32	4.5338E-04 (64, 4)	4.4291E-04 (6, 4)	4.3708E-04 (6, 4)	1.8340E-04 (65, 4)	7.6510E-05 (6, 4)
33	3.2955E-04 (25, 4)	3.4002E-04 (25, 4)	3.4252E-04 (25, 4)	1.3537E-04 (9, 4)	7.5627E-05 (94, 2)
34	3.4514E-04 (199, 4)	3.1606E-04 (199, 4)	2.7110E-04 (14, 5)	1.3243E-04 (84, 3)	8.4479E-05 (53, 1)
35	2.7777E-04 (236, 5)	2.7010E-04 (242, 4)	2.4961E-04 (242, 4)	1.0733E-04 (106, 4)	6.2497E-05 (205, 8)
36	3.1698E-04 (144, 3)	3.0023E-04 (93, 4)	2.7379E-04 (93, 4)	1.6888E-04 (33, 4)	9.3599E-05 (209, 1)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 9.4756E-05 DIRECTION= 9 DISTANCE= 5.5 KM DAY=189

YEAR= 75

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	4.2693E-05 (249)	4.0928E-05 (43)	3.8874E-05 (43)	3.0043E-05 (50)	2.2090E-05 (49)
2	7.1685E-05 (66)	7.0145E-05 (48)	6.7145E-05 (48)	3.2722E-05 (75)	1.9576E-05 (19)
3	7.2919E-05 (118)	6.9331E-05 (118)	6.1009E-05 (118)	2.5400E-05 (71)	1.5437E-05 (82)
4	7.1043E-05 (24)	6.8564E-05 (24)	6.1826E-05 (109)	2.7135E-05 (24)	1.5721E-05 (187)
5	6.8839E-05 (161)	6.3568E-05 (161)	5.7854E-05 (229)	2.6245E-05 (171)	1.3830E-05 (190)
6	4.8083E-05 (208)	4.6273E-05 (208)	4.2031E-05 (208)	1.9456E-05 (205)	1.2446E-05 (191)
7	6.5861E-05 (178)	5.9662E-05 (178)	5.1494E-05 (80)	2.1080E-05 (208)	1.3671E-05 (188)
8	7.0371E-05 (185)	6.4877E-05 (185)	5.5493E-05 (185)	2.5296E-05 (189)	1.2257E-05 (190)
9	9.4756E-05 (189)	9.1868E-05 (189)	8.4818E-05 (189)	3.2350E-05 (180)	1.9266E-05 (158)
10	5.5931E-05 (179)	5.1179E-05 (179)	4.4066E-05 (165)	2.1647E-05 (59)	1.2569E-05 (44)
11	4.7024E-05 (170)	4.5819E-05 (170)	4.1824E-05 (170)	2.0393E-05 (162)	1.1269E-05 (155)
12	3.6496E-05 (224)	3.7391E-05 (224)	3.7304E-05 (224)	2.1559E-05 (336)	1.2443E-05 (336)
13	5.0438E-05 (230)	5.5387E-05 (230)	5.2312E-05 (230)	2.5899E-05 (139)	1.4066E-05 (78)
14	3.9163E-05 (180)	3.6981E-05 (180)	3.2945E-05 (180)	1.8145E-05 (55)	1.4913E-05 (13)
15	3.4076E-05 (177)	3.3020E-05 (243)	3.4538E-05 (244)	2.5427E-05 (38)	1.7450E-05 (56)
16	4.0006E-05 (244)	4.2968E-05 (244)	3.7566E-05 (244)	2.6302E-05 (352)	1.4482E-05 (317)
17	4.6727E-05 (105)	4.5010E-05 (105)	4.0468E-05 (105)	2.3304E-05 (268)	2.0102E-05 (268)
18	3.7933E-05 (361)	3.7473E-05 (361)	3.6757E-05 (297)	3.0728E-05 (270)	2.6112E-05 (269)
19	2.3165E-05 (300)	2.3150E-05 (300)	2.2275E-05 (300)	1.8729E-05 (14)	1.4852E-05 (96)

20	4.6599E-05 (106)	4.5650E-05 (57)	4.6220E-05 (57)	3.3557E-05 (64)	2.0789E-05 (94)
21	6.1251E-05 (14)	6.0411E-05 (64)	5.5463E-05 (64)	2.7213E-05 (14)	1.7963E-05 (361)
22	6.2089E-05 (176)	5.7919E-05 (176)	5.0852E-05 (176)	2.4314E-05 (353)	1.7691E-05 (353)
23	5.0332E-05 (15)	5.1516E-05 (15)	5.1060E-05 (15)	3.1331E-05 (304)	1.9091E-05 (304)
24	4.7214E-05 (285)	4.7199E-05 (285)	4.4715E-05 (285)	2.6091E-05 (17)	1.7651E-05 (22)
25	6.6406E-05 (142)	6.4654E-05 (142)	5.9360E-05 (142)	3.0602E-05 (116)	2.1194E-05 (239)
26	8.2444E-05 (247)	7.7547E-05 (247)	6.8186E-05 (247)	3.1495E-05 (253)	1.5291E-05 (176)
27	9.1111E-05 (248)	8.7216E-05 (322)	8.6320E-05 (322)	4.4363E-05 (86)	2.6876E-05 (86)
28	5.8032E-05 (330)	5.7900E-05 (330)	5.1984E-05 (250)	3.7647E-05 (288)	2.4077E-05 (287)
29	5.3199E-05 (251)	5.1139E-05 (217)	4.6535E-05 (113)	2.9733E-05 (313)	2.2237E-05 (313)
30	7.4255E-05 (143)	7.3877E-05 (143)	7.0888E-05 (143)	3.3774E-05 (143)	2.5394E-05 (263)
31	5.7248E-05 (222)	5.5492E-05 (168)	5.2186E-05 (127)	2.5643E-05 (289)	1.7348E-05 (364)
32	5.6262E-05 (161)	5.4557E-05 (161)	5.0222E-05 (161)	2.3967E-05 (290)	1.3715E-05 (359)
33	5.9200E-05 (242)	5.7000E-05 (242)	5.2431E-05 (242)	3.0712E-05 (12)	2.1099E-05 (151)
34	4.6214E-05 (198)	4.4835E-05 (198)	4.1188E-05 (198)	2.5178E-05 (152)	2.3653E-05 (10)
35	4.2776E-05 (169)	4.2558E-05 (334)	4.0514E-05 (334)	2.1479E-05 (12)	1.4078E-05 (207)
36	4.6465E-05 (331)	4.7023E-05 (331)	4.5913E-05 (331)	3.3488E-05 (351)	2.2496E-05 (12)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 4.3512E-04 DIRECTION= 7 DISTANCE= 5.5 KM DAY= 80 TIME PERIOD= 5

YEAR= 75

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	2.8446E-04 (255, 4)	2.7376E-04 (255, 4)	2.4698E-04 (255, 4)	1.0984E-04 (89, 4)	6.5917E-05 (19, 7)
2	4.1293E-04 (19, 5)	4.2990E-04 (48, 4)	4.1734E-04 (48, 4)	1.7181E-04 (48, 4)	9.1225E-05 (19, 5)
3	3.6651E-04 (203, 4)	3.5426E-04 (216, 5)	3.0955E-04 (24, 5)	1.2974E-04 (25, 5)	8.0987E-05 (50, 5)
4	3.5898E-04 (203, 4)	3.3369E-04 (203, 4)	3.0254E-04 (130, 5)	1.1731E-04 (37, 5)	7.5838E-05 (209, 6)
5	3.8033E-04 (137, 4)	3.6574E-04 (137, 4)	3.2856E-04 (137, 4)	1.2785E-04 (171, 3)	6.2055E-05 (48, 6)
6	2.6414E-04 (137, 4)	2.4980E-04 (137, 4)	2.1808E-04 (137, 4)	1.0845E-04 (61, 1)	6.9307E-05 (61, 1)
7	4.3512E-04 (80, 5)	4.2736E-04 (80, 5)	3.9511E-04 (80, 5)	1.1476E-04 (204, 4)	6.2904E-05 (124, 3)
8	3.1648E-04 (185, 4)	3.0347E-04 (31, 5)	2.8308E-04 (299, 4)	1.0331E-04 (27, 5)	5.8160E-05 (43, 7)
9	4.1173E-04 (180, 4)	3.8942E-04 (125, 4)	3.6527E-04 (179, 4)	1.3541E-04 (180, 3)	7.7175E-05 (158, 3)
10	3.2140E-04 (134, 6)	3.1491E-04 (134, 6)	2.8169E-04 (267, 4)	1.1490E-04 (44, 4)	6.5911E-05 (171, 6)
11	2.7493E-04 (126, 5)	2.5734E-04 (126, 5)	2.4202E-04 (40, 5)	1.1273E-04 (162, 6)	6.6149E-05 (162, 6)
12	2.4538E-04 (140, 6)	2.5740E-04 (139, 3)	2.6405E-04 (139, 3)	1.2341E-04 (226, 4)	6.4491E-05 (78, 5)
13	2.6846E-04 (226, 4)	2.5569E-04 (226, 4)	2.2798E-04 (226, 4)	1.3545E-04 (328, 6)	6.6293E-05 (55, 3)
14	1.9217E-04 (163, 5)	1.8421E-04 (163, 5)	1.6795E-04 (155, 4)	1.0493E-04 (105, 6)	9.2629E-05 (325, 7)
15	2.4222E-04 (243, 5)	2.5285E-04 (177, 4)	2.2143E-04 (177, 4)	1.4571E-04 (56, 6)	7.9375E-05 (243, 5)
16	2.3247E-04 (65, 4)	2.2245E-04 (65, 4)	2.1010E-04 (6, 6)	1.3499E-04 (291, 5)	7.8708E-05 (268, 8)
17	3.0240E-04 (95, 4)	2.8921E-04 (95, 4)	2.6313E-04 (95, 4)	1.0851E-04 (352, 6)	8.8214E-05 (270, 6)
18	2.7157E-04 (326, 4)	2.7142E-04 (326, 4)	2.6333E-04 (297, 3)	1.5236E-04 (270, 4)	9.9999E-05 (270, 4)
19	1.8532E-04 (300, 4)	1.8520E-04 (300, 4)	1.7820E-04 (300, 4)	7.3798E-05 (300, 4)	6.8493E-05 (96, 7)
20	2.9350E-04 (94, 4)	2.8564E-04 (94, 4)	2.6369E-04 (94, 4)	1.2815E-04 (353, 1)	8.1307E-05 (301, 6)
21	4.0651E-04 (56, 4)	3.9734E-04 (56, 4)	3.6988E-04 (56, 4)	1.4296E-04 (56, 4)	8.3930E-05 (353, 2)
22	3.0461E-04 (111, 4)	2.9955E-04 (111, 4)	2.8786E-04 (302, 4)	1.2830E-04 (176, 4)	9.2797E-05 (257, 8)
23	3.3789E-04 (181, 4)	3.3041E-04 (15, 5)	3.2622E-04 (15, 5)	1.3112E-04 (304, 2)	6.7141E-05 (357, 3)
24	2.8020E-04 (285, 5)	2.7974E-04 (285, 5)	2.8342E-04 (338, 4)	1.2730E-04 (338, 4)	7.6447E-05 (240, 7)
25	3.7958E-04 (116, 4)	3.5080E-04 (116, 4)	3.0618E-04 (337, 4)	1.4274E-04 (309, 5)	9.5327E-05 (320, 8)
26	3.5011E-04 (286, 5)	3.4375E-04 (286, 5)	3.1971E-04 (286, 5)	1.1776E-04 (286, 5)	7.9460E-05 (5, 4)
27	4.1144E-04 (284, 4)	3.9270E-04 (284, 4)	3.5250E-04 (322, 5)	1.5176E-04 (301, 4)	9.5515E-05 (212, 2)
28	3.1372E-04 (320, 5)	3.1561E-04 (320, 5)	3.0499E-04 (320, 5)	1.2848E-04 (324, 4)	8.6156E-05 (333, 7)
29	2.5868E-04 (223, 4)	2.4205E-04 (223, 4)	2.1240E-04 (284, 5)	9.3055E-05 (241, 4)	7.5287E-05 (75, 1)
30	4.0432E-04 (217, 4)	3.7122E-04 (217, 4)	3.1880E-04 (217, 4)	1.4817E-04 (315, 4)	7.8823E-05 (315, 4)
31	4.2287E-04 (127, 3)	4.2844E-04 (127, 3)	4.1725E-04 (127, 3)	1.7333E-04 (127, 3)	8.4382E-05 (222, 5)
32	3.4641E-04 (196, 3)	3.4853E-04 (281, 4)	3.3753E-04 (196, 3)	1.3119E-04 (196, 3)	6.9432E-05 (146, 3)
33	3.7704E-04 (242, 4)	3.6132E-04 (28, 4)	3.3857E-04 (218, 4)	1.2510E-04 (218, 4)	9.0096E-05 (364, 8)
34	3.3579E-04 (260, 4)	3.0971E-04 (216, 4)	2.7005E-04 (216, 4)	1.4408E-04 (54, 4)	7.2166E-05 (54, 4)
35	3.0665E-04 (147, 4)	2.8702E-04 (147, 4)	2.5197E-04 (147, 4)	1.0621E-04 (172, 4)	5.5005E-05 (231, 1)
36	2.7535E-04 (145, 3)	2.6475E-04 (145, 3)	2.3840E-04 (145, 3)	1.1779E-04 (202, 4)	7.8433E-05 (151, 4)

COMPOSITE HIGHEST,SECOND-HIGHEST 24-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	55.	53.	50.	30.	22.
2	72.	70.	67.	40.	21.
3	73.	69.	61.	29.	20.
4	71.	69.	62.	27.	16.
5	83.	78.	69.	26.	14.
6	74.	70.	62.	33.	21.
7	76.	70.	64.	31.	16.
8	79.	78.	75.	34.	20.
9	131.	129.	121.	82.	45.
10	91.	86.	78.	39.	23.
11	58.	55.	50.	37.	18.
12	65.	59.	49.	39.	20.
13	56.	55.	52.	46.	23.
14	42.	40.	37.	32.	20.
15	45.	45.	43.	32.	17.
16	56.	56.	55.	29.	16.
17	47.	45.	40.	32.	20.
18	59.	57.	53.	35.	28.
19	43.	40.	35.	26.	18.
20	49.	48.	46.	34.	21.
21	66.	61.	56.	33.	23.
22	62.	58.	51.	43.	25.
23	71.	66.	57.	45.	28.
24	106.	102.	92.	39.	32.
25	86.	85.	82.	36.	23.
26	90.	89.	83.	35.	22.
27	91.	87.	86.	51.	35.
28	61.	60.	57.	58.	36.
29	67.	64.	59.	38.	27.
30	74.	74.	71.	34.	27.
31	67.	69.	69.	37.	22.
32	70.	66.	58.	38.	25.
33	72.	69.	65.	36.	22.
34	75.	72.	63.	25.	24.
35	55.	52.	51.	33.	21.
36	64.	60.	52.	33.	22.

COMPOSITE HIGHEST, SECOND-HIGHEST 3-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	353.	334.	291.	152.	95.
2	413.	430.	417.	172.	91.
3	367.	354.	310.	131.	82.
4	449.	430.	374.	138.	76.
5	468.	438.	385.	156.	79.
6	433.	427.	405.	179.	92.
7	435.	427.	395.	159.	77.
8	416.	422.	401.	162.	79.
9	682.	643.	569.	217.	96.
10	470.	451.	399.	164.	92.
11	315.	311.	294.	130.	74.
12	321.	294.	264.	136.	88.
13	293.	287.	262.	135.	98.
14	297.	286.	280.	133.	102.
15	323.	304.	273.	146.	85.
16	317.	309.	288.	138.	79.
17	302.	289.	263.	146.	88.
18	351.	343.	316.	152.	100.
19	306.	299.	264.	122.	90.
20	293.	286.	264.	169.	81.
21	407.	397.	370.	143.	105.
22	355.	336.	314.	128.	95.
23	338.	330.	326.	155.	94.
24	487.	485.	463.	188.	110.
25	392.	379.	371.	166.	99.
26	393.	398.	389.	142.	95.
27	411.	393.	352.	178.	115.
28	386.	378.	347.	155.	97.
29	322.	327.	322.	183.	103.
30	430.	429.	380.	162.	108.
31	423.	428.	417.	173.	84.
32	453.	443.	437.	183.	90.
33	473.	462.	456.	166.	100.
34	448.	434.	387.	152.	85.
35	307.	287.	252.	127.	99.
36	387.	362.	318.	174.	97.

TECO

UNITS 1-4

PROJECTED 24- AND 3-HOUR SO_2

100 PERCENT LOAD

RING DISTANCES(KM)= 0.50 1.00 1.50 2.00 2.50

STACK # 1--TECO 1&2 100% 0.1#/HR TSP
STACK # 2--TECO 3 0.1#/HR, & 0.03#/HR

STACK	MONTH	EMISSION RATE (GMS/SEC)	HEIGHT (METERS)	DIAMETER (METERS)	EXIT VELOCITY (M/SEC)	TEMP (DEG.K)	VOLUMETRIC FLOW (MAA3/SEC)
1	ALL	101.2200	149.40	7.32	28.60	422.00	1203.59
2	ALL	69.5900	149.40	7.32	34.30	370.00	1443.46

PLANT NAME: TECO BIG BEND POLLUTANT: TSP EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAA3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 2.4115E-06 DIRECTION= 9 DISTANCE= 2.5 KM DAY=128

YEAR= 71

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
DIR					
1	1.2302E-18 (238)	2.6405E-07 (260)	7.1219E-07 (236)	7.7677E-07 (236)	1.0966E-06 (229)
2	7.8045E-18 (238)	4.5648E-07 (234)	1.7569E-06 (236)	1.6149E-06 (236)	1.4755E-06 (260)
3	2.7283E-17 (238)	7.2815E-07 (236)	2.0395E-06 (236)	1.7626E-06 (236)	1.5590E-06 (236)
4	5.2648E-17 (238)	8.8590E-07 (238)	1.1348E-06 (238)	8.9041E-07 (236)	1.0664E-06 (177)
5	5.7000E-17 (238)	9.5835E-07 (238)	1.2339E-06 (238)	9.8724E-07 (206)	1.4735E-06 (206)
6	2.4770E-17 (234)	5.9400E-07 (238)	1.1704E-06 (230)	1.2939E-06 (206)	1.8027E-06 (234)
7	4.4823E-17 (238)	5.7328E-07 (238)	9.1960E-07 (234)	1.4185E-06 (103)	1.6916E-06 (230)
8	7.6323E-17 (238)	6.4838E-07 (230)	1.6678E-06 (230)	1.5805E-06 (238)	1.5178E-06 (179)
9	8.9215E-17 (238)	2.6126E-07 (230)	6.5675E-07 (230)	1.4471E-06 (128)	2.4115E-06 (128)
10	8.0056E-17 (152)	5.7742E-08 (257)	5.1655E-07 (257)	8.2430E-07 (197)	1.5548E-06 (204)
11	2.9425E-17 (152)	1.6404E-07 (257)	3.7267E-07 (238)	8.5696E-07 (197)	1.1817E-06 (257)
12	4.2610E-18 (238)	8.2272E-08 (159)	2.6770E-07 (198)	1.2674E-06 (198)	1.8288E-06 (257)
13	2.8299E-18 (262)	1.4404E-07 (257)	5.8410E-07 (159)	9.0937E-07 (198)	1.1801E-06 (257)
14	1.5014E-17 (262)	2.1533E-07 (262)	5.0556E-07 (257)	4.2392E-07 (257)	9.3219E-07 (104)
15	2.4374E-17 (159)	7.5817E-07 (262)	1.2113E-06 (262)	9.1322E-07 (262)	1.2494E-06 (159)
16	1.6060E-17 (159)	7.6694E-07 (159)	1.1000E-06 (159)	8.4894E-07 (159)	1.1172E-06 (121)
17	5.8309E-18 (159)	2.3359E-07 (159)	2.9659E-07 (159)	3.6860E-07 (164)	6.6948E-07 (317)
18	1.1065E-18 (159)	3.5355E-08 (159)	1.0869E-07 (173)	4.7602E-07 (173)	6.8105E-07 (164)
19	1.2859E-19 (159)	2.6591E-09 (159)	1.2153E-07 (98)	3.0283E-07 (257)	6.0677E-07 (257)
20	7.8109E-21 (159)	6.7540E-10 (98)	3.6858E-08 (157)	2.3330E-07 (157)	5.2518E-07 (46)
21	2.6561E-22 (164)	5.4610E-10 (164)	4.8762E-08 (157)	3.1441E-07 (157)	6.0412E-07 (157)
22	8.0903E-22 (164)	2.1904E-10 (124)	6.8741E-08 (124)	3.5343E-07 (124)	7.2745E-07 (137)
23	8.1288E-22 (164)	1.0445E-09 (240)	1.0452E-07 (156)	7.2878E-07 (156)	1.3899E-06 (164)
24	1.5097E-19 (231)	2.6867E-09 (152)	1.3095E-07 (164)	5.8087E-07 (90)	1.1221E-06 (90)
25	1.7381E-18 (231)	2.3480E-08 (152)	1.2673E-07 (240)	3.2687E-07 (231)	4.3066E-07 (90)
26	1.1027E-17 (231)	1.2232E-07 (231)	5.9232E-07 (240)	6.9703E-07 (156)	6.5728E-07 (101)
27	3.8548E-17 (231)	5.3071E-07 (231)	1.2805E-06 (240)	9.8841E-07 (240)	1.6620E-06 (152)
28	5.6243E-17 (240)	1.1376E-06 (240)	1.3024E-06 (231)	1.3792E-06 (231)	1.7083E-06 (231)
29	3.0991E-17 (240)	5.6530E-07 (240)	1.2279E-06 (152)	1.0501E-06 (152)	1.1903E-06 (138)
30	9.4097E-18 (240)	1.3959E-07 (240)	2.8378E-07 (152)	6.1717E-07 (207)	1.0775E-06 (182)
31	1.5743E-18 (240)	1.7130E-08 (240)	1.6659E-07 (236)	5.6970E-07 (236)	8.1674E-07 (236)
32	1.4513E-19 (240)	3.1808E-09 (218)	8.6987E-08 (105)	5.7446E-07 (230)	1.1914E-06 (218)
33	9.0810E-22 (218)	1.4915E-09 (231)	5.9440E-08 (145)	4.3532E-07 (230)	9.8443E-07 (218)
34	2.0621E-21 (260)	1.5775E-09 (211)	1.7307E-07 (218)	5.9449E-07 (260)	1.0353E-06 (218)
35	2.3046E-21 (260)	6.2672E-09 (236)	2.9802E-07 (211)	1.1062E-06 (211)	1.7133E-06 (211)
36	1.0685E-19 (238)	5.8737E-08 (236)	1.9447E-07 (229)	9.2868E-07 (229)	1.6971E-06 (229)

PLANT NAME: TECO BIG BEND POLLUTANT: TSP EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 2.6829E-06 DIRECTION= 9 DISTANCE= 1.5 KM DAY=249

YEAR= 72

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	1.2223E-20 (215)	2.3325E-09 (211)	1.4174E-07 (136)	4.6856E-07 (111)	8.6066E-07 (211)
2	1.6054E-19 (229)	1.4044E-09 (211)	1.2713E-07 (111)	5.5757E-07 (111)	9.2444E-07 (111)
3	1.8945E-18 (229)	1.9291E-08 (215)	2.4589E-07 (110)	6.7355E-07 (135)	1.1972E-06 (135)
4	1.2019E-17 (229)	1.4659E-07 (215)	1.9686E-07 (110)	6.7482E-07 (195)	1.1611E-06 (102)
5	4.2016E-17 (229)	5.5539E-07 (229)	8.1263E-07 (229)	1.1716E-06 (211)	1.7713E-06 (211)
6	8.0934E-17 (229)	1.0878E-06 (238)	1.4344E-06 (238)	1.1675E-06 (211)	1.6718E-06 (194)
7	8.5905E-17 (229)	1.2856E-06 (229)	1.8134E-06 (238)	1.5109E-06 (238)	1.8017E-06 (194)
8	5.9965E-17 (222)	1.0589E-06 (222)	1.8247E-06 (249)	1.4318E-06 (249)	1.9060E-06 (195)
9	5.5814E-17 (207)	1.2625E-06 (207)	2.6829E-06 (249)	2.1657E-06 (249)	2.2152E-06 (124)
10	3.2641E-17 (207)	1.1619E-06 (150)	1.8668E-06 (189)	1.5536E-06 (189)	2.2216E-06 (242)
11	1.2616E-17 (150)	5.7731E-07 (150)	7.9943E-07 (189)	6.2491E-07 (189)	9.1740E-07 (242)
12	3.8305E-18 (150)	1.2596E-07 (222)	1.5835E-07 (189)	2.3478E-07 (248)	4.6846E-07 (222)
13	6.4086E-19 (150)	1.2909E-08 (222)	3.7631E-08 (146)	2.9537E-07 (23)	5.9974E-07 (23)
14	7.6216E-19 (222)	1.0667E-09 (150)	4.0044E-08 (282)	2.9510E-07 (282)	6.0603E-07 (289)
15	1.9183E-19 (189)	6.0758E-10 (189)	2.5371E-08 (263)	1.7251E-07 (240)	4.2971E-07 (240)
16	2.3442E-18 (189)	1.1460E-08 (189)	1.1067E-07 (263)	1.8576E-07 (93)	3.9137E-07 (93)
17	1.5786E-17 (189)	1.0747E-07 (189)	2.0496E-07 (263)	5.8560E-07 (247)	4.8759E-07 (247)
18	5.8572E-17 (189)	5.0204E-07 (189)	5.1352E-07 (189)	7.9135E-07 (263)	8.8348E-07 (247)
19	1.0886E-16 (247)	1.0352E-06 (247)	1.1143E-06 (247)	6.9735E-07 (247)	9.7964E-07 (252)
20	8.2946E-17 (163)	9.6059E-07 (163)	1.3593E-06 (163)	1.0573E-06 (163)	1.2382E-06 (252)
21	8.3753E-17 (189)	1.2740E-06 (189)	1.8976E-06 (189)	1.5995E-06 (163)	1.3164E-06 (163)
22	2.8650E-17 (189)	9.6059E-07 (163)	1.3593E-06 (163)	1.0573E-06 (163)	8.4942E-07 (163)
23	1.2019E-17 (248)	7.0907E-07 (189)	1.4879E-06 (189)	1.3233E-06 (189)	1.2847E-06 (189)
24	7.6466E-18 (163)	9.9712E-07 (247)	1.9270E-06 (247)	1.3406E-06 (247)	1.5035E-06 (158)
25	9.4964E-19 (163)	1.1883E-06 (248)	2.2915E-06 (186)	1.7679E-06 (186)	1.4291E-06 (186)
26	6.4985E-20 (163)	1.2744E-06 (248)	2.0783E-06 (156)	1.7626E-06 (156)	1.5451E-06 (156)
27	3.3980E-21 (217)	5.6022E-07 (247)	1.0766E-06 (247)	9.1010E-07 (156)	8.5492E-07 (267)
28	7.1625E-22 (217)	1.2573E-07 (156)	2.0959E-07 (248)	5.7568E-07 (154)	8.2364E-07 (154)
29	2.7923E-22 (154)	1.7744E-08 (156)	1.1107E-07 (214)	5.4354E-07 (27)	8.8836E-07 (186)
30	1.4520E-21 (212)	1.2444E-09 (156)	1.0672E-07 (241)	3.1891E-07 (223)	7.2948E-07 (228)
31	3.1626E-21 (212)	2.8215E-09 (212)	1.9908E-07 (212)	5.5241E-07 (248)	8.4255E-07 (196)
32	3.8397E-22 (248)	1.9220E-09 (212)	1.3336E-07 (212)	5.6767E-07 (196)	8.7971E-07 (248)
33	3.4083E-22 (248)	7.6805E-10 (186)	1.2878E-07 (196)	5.5057E-07 (196)	8.8334E-07 (196)
34	1.6670E-22 (248)	4.5983E-10 (186)	6.8098E-08 (186)	2.7379E-07 (186)	4.8169E-07 (240)
35	3.1176E-22 (136)	6.3408E-10 (136)	4.6251E-08 (136)	1.8868E-07 (87)	4.8533E-07 (238)
36	8.4826E-22 (136)	2.0110E-09 (136)	8.0041E-08 (211)	3.0313E-07 (315)	6.4994E-07 (64)

PLANT NAME: TECO BIG BEND POLLUTANT: TSP EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 2.9421E-06 DIRECTION= 6 DISTANCE= 1.5 KM DAY=222

YEAR= 73

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	1.0214E-17 (236)	5.8730E-07 (163)	1.2991E-06 (199)	1.0094E-06 (199)	1.0458E-06 (160)
2	2.6504E-17 (236)	8.5939E-07 (236)	1.3913E-06 (236)	1.3531E-06 (151)	1.1566E-06 (199)
3	3.7897E-17 (236)	9.0017E-07 (199)	1.6771E-06 (173)	1.5351E-06 (151)	1.5459E-06 (215)
4	3.7149E-17 (192)	9.8843E-07 (236)	2.6641E-06 (173)	2.1820E-06 (173)	1.9056E-06 (173)
5	4.5983E-17 (222)	1.4254E-06 (222)	2.5019E-06 (192)	2.3880E-06 (192)	2.4827E-06 (192)
6	5.8362E-17 (222)	1.6888E-06 (182)	2.9421E-06 (222)	2.2974E-06 (222)	1.9292E-06 (209)
7	4.0816E-17 (222)	1.2402E-06 (222)	1.9009E-06 (222)	1.7852E-06 (182)	2.4867E-06 (187)
8	1.5731E-17 (222)	4.0731E-07 (222)	7.1814E-07 (222)	1.4869E-06 (181)	2.3017E-06 (181)
9	4.9701E-18 (259)	8.6778E-08 (259)	3.7767E-07 (132)	1.5910E-06 (132)	2.2474E-06 (152)
10	5.6604E-18 (218)	4.9807E-07 (259)	6.8355E-07 (259)	1.0584E-06 (132)	1.7546E-06 (132)
11	7.9206E-19 (218)	1.2231E-07 (218)	2.8588E-07 (218)	8.6378E-07 (208)	1.3512E-06 (169)
12	4.1082E-20 (218)	1.5343E-08 (218)	1.6600E-07 (143)	5.2835E-07 (143)	9.1360E-07 (100)
13	3.6965E-20 (119)	1.6007E-08 (119)	7.0547E-08 (138)	2.8377E-07 (103)	6.3393E-07 (103)
14	4.6971E-19 (238)	1.3886E-07 (119)	3.0719E-07 (119)	5.0362E-07 (197)	7.8948E-07 (197)
15	4.2610E-18 (238)	8.6688E-08 (259)	9.3910E-08 (259)	3.4974E-07 (118)	8.7376E-07 (119)
16	3.2287E-18 (119)	2.4794E-07 (238)	2.5253E-07 (238)	5.1061E-07 (95)	8.7123E-07 (95)
17	4.3495E-18 (119)	8.1404E-07 (238)	9.3655E-07 (238)	6.9160E-07 (238)	6.3761E-07 (95)
18	3.2287E-18 (119)	1.0956E-06 (119)	1.6066E-06 (238)	1.2347E-06 (238)	1.0150E-06 (238)
19	4.1441E-18 (221)	3.5124E-07 (119)	5.3361E-07 (233)	6.5153E-07 (233)	7.8041E-07 (238)
20	1.9516E-17 (221)	4.3382E-07 (238)	4.6793E-07 (238)	6.3195E-07 (183)	1.2135E-06 (183)
21	3.2183E-17 (191)	8.3358E-07 (233)	1.3472E-06 (221)	1.2030E-06 (221)	1.6010E-06 (183)
22	7.2413E-17 (221)	1.3369E-06 (221)	2.1496E-06 (221)	1.9005E-06 (221)	1.8520E-06 (191)
23	5.7054E-17 (221)	1.0111E-06 (221)	1.6663E-06 (221)	1.7977E-06 (221)	2.1032E-06 (221)
24	2.4770E-17 (221)	3.8025E-07 (221)	6.3659E-07 (221)	9.1665E-07 (221)	1.2729E-06 (221)
25	5.9255E-18 (221)	5.1935E-07 (260)	1.3993E-06 (191)	1.3473E-06 (191)	1.3578E-06 (191)
26	7.8108E-19 (221)	1.9297E-07 (191)	3.2025E-07 (191)	8.0567E-07 (154)	1.4323E-06 (154)
27	5.6733E-20 (221)	2.0035E-08 (191)	2.4085E-07 (158)	8.7958E-07 (158)	1.3544E-06 (154)
28	1.7628E-19 (191)	2.7515E-09 (158)	2.7405E-07 (158)	9.1290E-07 (239)	1.5303E-06 (239)
29	9.2547E-22 (204)	2.3421E-08 (233)	1.2365E-07 (260)	6.9778E-07 (238)	1.4197E-06 (238)
30	2.8140E-21 (204)	1.4915E-08 (261)	1.6871E-07 (204)	4.9776E-07 (238)	9.2106E-07 (171)
31	3.8878E-21 (217)	1.2154E-07 (261)	2.7467E-07 (261)	6.5240E-07 (233)	7.7323E-07 (217)
32	7.1122E-21 (217)	4.9221E-07 (261)	1.2838E-06 (261)	1.2993E-06 (217)	1.7794E-06 (224)
33	1.0825E-19 (199)	9.9050E-07 (261)	1.5965E-06 (233)	1.3150E-06 (224)	1.9206E-06 (202)
34	1.4904E-18 (199)	5.4486E-07 (233)	6.8366E-07 (233)	9.8865E-07 (217)	1.7589E-06 (217)
35	9.6886E-18 (233)	4.9221E-07 (261)	1.2838E-06 (261)	9.5204E-07 (261)	1.0895E-06 (228)
36	2.1688E-18 (236)	3.8894E-07 (199)	4.4143E-07 (199)	1.0760E-06 (160)	1.5577E-06 (160)

PLANT NAME: TECO BIG BEND POLLUTANT: TSP EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 2.6387E-06 DIRECTION= 28 DISTANCE= 1.5 KM DAY=227

YEAR= 74

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
DIR					
1	5.2771E-17 (237)	4.4264E-07 (237)	4.9874E-07 (237)	9.1482E-07 (242)	1.3720E-06 (242)
2	1.3399E-17 (237)	8.8618E-08 (237)	2.1641E-07 (207)	8.6750E-07 (207)	1.1102E-06 (221)
3	1.5729E-17 (199)	2.8242E-07 (199)	3.4562E-07 (152)	9.2287E-07 (207)	1.3995E-06 (207)
4	1.2728E-17 (221)	3.8454E-07 (200)	1.0235E-06 (199)	7.9833E-07 (200)	1.2154E-06 (229)
5	1.8902E-18 (221)	8.2990E-07 (200)	1.6255E-06 (199)	1.2558E-06 (199)	1.6919E-06 (158)
6	6.6694E-18 (156)	8.9006E-07 (200)	1.1942E-06 (199)	1.0909E-06 (151)	1.8881E-06 (151)
7	1.9963E-17 (199)	4.7435E-07 (200)	6.5718E-07 (156)	1.0299E-06 (256)	1.5597E-06 (190)
8	4.7757E-18 (199)	4.7678E-07 (109)	1.2222E-06 (109)	1.0075E-06 (109)	1.4806E-06 (196)
9	6.2951E-19 (199)	7.2534E-07 (109)	1.8407E-06 (156)	1.5620E-06 (156)	1.5629E-06 (173)
10	6.3136E-20 (173)	7.3184E-07 (156)	1.4259E-06 (109)	1.1889E-06 (109)	1.3689E-06 (173)
11	2.0763E-20 (173)	4.5136E-07 (211)	1.3906E-06 (223)	1.1030E-06 (223)	9.5405E-07 (223)
12	2.2457E-21 (173)	4.2058E-07 (223)	7.0005E-07 (223)	5.9649E-07 (223)	1.1681E-06 (167)
13	1.9883E-21 (211)	1.1138E-07 (223)	1.6130E-07 (223)	4.8057E-07 (237)	7.4721E-07 (237)
14	1.4760E-21 (211)	3.2584E-08 (234)	6.9320E-08 (234)	1.4570E-07 (237)	4.3167E-07 (99)
15	3.8678E-22 (234)	2.0074E-07 (234)	5.1454E-07 (234)	3.6313E-07 (234)	3.7737E-07 (109)
16	1.0037E-21 (234)	3.6984E-08 (211)	7.8224E-08 (211)	3.4713E-07 (282)	8.3134E-07 (338)
17	1.4352E-21 (234)	3.7625E-08 (243)	6.2517E-08 (243)	2.7455E-07 (180)	6.7050E-07 (338)
18	3.8781E-20 (233)	2.1614E-07 (243)	4.2962E-07 (243)	4.1370E-07 (108)	8.2038E-07 (108)
19	6.0151E-19 (233)	2.6553E-07 (234)	7.0041E-07 (234)	5.0570E-07 (234)	6.6012E-07 (108)
20	5.1409E-18 (233)	6.5851E-07 (196)	7.3490E-07 (196)	5.1318E-07 (196)	7.3623E-07 (114)
21	2.4219E-17 (233)	6.1702E-07 (243)	1.3657E-06 (243)	1.0812E-06 (196)	8.9664E-07 (243)
22	4.2373E-17 (196)	1.1522E-06 (196)	1.3617E-06 (196)	9.9525E-07 (196)	1.1075E-06 (233)
23	2.4740E-17 (204)	1.2522E-06 (190)	2.3107E-06 (190)	1.8019E-06 (190)	1.4739E-06 (190)
24	5.0583E-17 (204)	1.2522E-06 (190)	2.1475E-06 (233)	1.6401E-06 (233)	1.4214E-06 (286)
25	3.0728E-17 (233)	6.2225E-07 (190)	1.1033E-06 (260)	8.1456E-07 (260)	1.3415E-06 (305)
26	3.7147E-17 (227)	8.6330E-07 (180)	1.6348E-06 (180)	1.6724E-06 (180)	1.6851E-06 (180)
27	6.7415E-17 (227)	1.4066E-06 (180)	2.6362E-06 (227)	2.1999E-06 (260)	2.1064E-06 (116)
28	6.7415E-17 (227)	1.2739E-06 (172)	2.6387E-06 (227)	2.0692E-06 (227)	1.7433E-06 (116)
29	3.7147E-17 (227)	8.3008E-07 (227)	1.6299E-06 (243)	1.2508E-06 (243)	1.1161E-06 (227)
30	1.6192E-17 (172)	4.6264E-07 (164)	1.2496E-06 (164)	9.3118E-07 (164)	8.0093E-07 (219)
31	2.7357E-17 (221)	7.6739E-07 (243)	1.2016E-06 (159)	1.0495E-06 (237)	1.5712E-06 (237)
32	6.6908E-17 (221)	1.0091E-06 (221)	1.5224E-06 (159)	1.3428E-06 (97)	1.2955E-06 (221)
33	9.0552E-17 (221)	1.1450E-06 (97)	1.6201E-06 (97)	1.6407E-06 (97)	1.8552E-06 (97)
34	7.1236E-17 (221)	8.3060E-07 (237)	9.9942E-07 (237)	1.2338E-06 (159)	1.5610E-06 (221)
35	5.0456E-17 (221)	5.6842E-07 (221)	8.5738E-07 (221)	1.2739E-06 (159)	1.2462E-06 (242)
36	7.3696E-17 (221)	8.1819E-07 (221)	1.2057E-06 (221)	1.0558E-06 (237)	1.0927E-06 (221)

PLANT NAME: TECO BIG BEND POLLUTANT: TSP EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 2.4719E-06 DIRECTION= 1 DISTANCE= 1.5 KM DAY=162

YEAR= 75

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
DIR					
1	8.5905E-17 (162)	1.4396E-06 (162)	2.4719E-06 (162)	1.9272E-06 (162)	1.6244E-06 (120)
2	5.0242E-17 (162)	1.2969E-06 (126)	2.0901E-06 (126)	1.6662E-06 (126)	1.4173E-06 (218)
3	4.3451E-17 (171)	1.0791E-06 (179)	1.4269E-06 (179)	1.2997E-06 (126)	1.2632E-06 (135)
4	5.8536E-17 (171)	1.3052E-06 (145)	1.6641E-06 (179)	1.3211E-06 (179)	1.5923E-06 (161)
5	5.4545E-17 (145)	9.3083E-07 (171)	1.2594E-06 (171)	1.3331E-06 (161)	1.6468E-06 (132)
6	8.5987E-17 (181)	1.0792E-06 (181)	1.2907E-06 (181)	1.2285E-06 (181)	1.4428E-06 (176)
7	3.4256E-17 (181)	8.0112E-07 (185)	2.2493E-06 (185)	1.9413E-06 (176)	2.1377E-06 (178)
8	9.7993E-18 (181)	6.4961E-07 (185)	1.2075E-06 (176)	1.3832E-06 (115)	1.9652E-06 (115)
9	1.5446E-18 (181)	1.9523E-07 (176)	5.3117E-07 (230)	1.0830E-06 (165)	2.0712E-06 (179)
10	2.8753E-18 (176)	5.2302E-08 (185)	1.9047E-07 (167)	8.9913E-07 (166)	1.6400E-06 (166)
11	3.1492E-19 (177)	6.2394E-09 (177)	2.1215E-07 (231)	6.6064E-07 (231)	1.1145E-06 (140)
12	2.6915E-18 (177)	7.1080E-08 (177)	1.7970E-07 (128)	5.5970E-07 (128)	1.0656E-06 (97)
13	6.2672E-18 (97)	4.3723E-07 (177)	5.5930E-07 (177)	5.2017E-07 (230)	8.9812E-07 (230)
14	2.1438E-18 (97)	1.9154E-07 (97)	2.2717E-07 (144)	4.7609E-07 (180)	8.3593E-07 (180)
15	4.0406E-19 (97)	4.2145E-07 (144)	9.8299E-07 (144)	7.8244E-07 (144)	7.6472E-07 (244)
16	4.1965E-20 (97)	7.9082E-07 (144)	1.9674E-06 (144)	1.6484E-06 (144)	1.3516E-06 (144)
17	2.4016E-21 (97)	5.7834E-07 (177)	7.5495E-07 (177)	6.2961E-07 (95)	1.1564E-06 (95)
18	8.6148E-20 (176)	1.5176E-07 (143)	3.5701E-07 (143)	4.6615E-07 (143)	5.8710E-07 (95)
19	5.0730E-19 (177)	7.8677E-08 (144)	1.5450E-07 (144)	3.1510E-07 (94)	5.6671E-07 (94)
20	3.6847E-20 (177)	1.9289E-07 (176)	2.2830E-07 (176)	6.5612E-07 (106)	1.1546E-06 (106)
21	8.6107E-22 (143)	6.5902E-07 (143)	1.1466E-06 (176)	9.9706E-07 (176)	1.1455E-06 (176)
22	4.5933E-22 (236)	2.6552E-07 (143)	6.3405E-07 (143)	6.3275E-07 (143)	8.3110E-07 (141)
23	2.7226E-21 (236)	1.6964E-07 (116)	3.9622E-07 (116)	6.0016E-07 (181)	1.1202E-06 (181)
24	1.1654E-19 (217)	7.0962E-07 (116)	1.4279E-06 (176)	1.0846E-06 (236)	1.1279E-06 (116)
25	1.5116E-18 (217)	2.7363E-07 (176)	3.3000E-07 (176)	8.3714E-07 (250)	1.3325E-06 (250)
26	1.5053E-18 (176)	8.7737E-08 (217)	2.5425E-07 (250)	9.1413E-07 (247)	1.7370E-06 (247)
27	7.6466E-18 (219)	4.3824E-07 (217)	5.1352E-07 (217)	1.1564E-06 (248)	2.0254E-06 (248)
28	3.3927E-17 (219)	3.3707E-07 (219)	4.9718E-07 (143)	1.1268E-06 (217)	1.4823E-06 (248)
29	8.2946E-17 (219)	9.6223E-07 (219)	1.4069E-06 (219)	1.1173E-06 (219)	1.2563E-06 (250)
30	7.2755E-17 (217)	8.3532E-07 (143)	1.8185E-06 (143)	1.7228E-06 (217)	1.6998E-06 (219)
31	4.3451E-17 (242)	9.6223E-07 (219)	1.5587E-06 (143)	1.3176E-06 (143)	1.1352E-06 (143)
32	3.3927E-17 (219)	3.3707E-07 (219)	6.4431E-07 (143)	7.2829E-07 (114)	1.0801E-06 (258)
33	7.6466E-18 (219)	6.7426E-08 (143)	2.0604E-07 (254)	9.1213E-07 (114)	1.4891E-06 (114)
34	1.2019E-17 (162)	1.4322E-07 (162)	2.1235E-07 (114)	6.9344E-07 (260)	1.2168E-06 (260)
35	2.6414E-17 (218)	3.4484E-07 (218)	4.5667E-07 (218)	5.9545E-07 (161)	8.9309E-07 (147)
36	7.2753E-17 (218)	1.1322E-06 (218)	1.6793E-06 (218)	1.2573E-06 (218)	1.0984E-06 (120)

COMPOSITE HIGHEST,SECOND-HIGHEST 24-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	0.	1.	2.	2.	2.
2	0.	1.	2.	2.	1.
3	0.	1.	2.	2.	2.
4	0.	1.	3.	2.	2.
5	0.	1.	3.	2.	2.
6	0.	2.	3.	2.	2.
7	0.	1.	2.	2.	2.
8	0.	1.	2.	2.	2.
9	0.	1.	3.	2.	2.
10	0.	1.	2.	2.	2.
11	0.	1.	1.	1.	1.
12	0.	0.	1.	1.	2.
13	0.	0.	1.	1.	1.
14	0.	0.	1.	1.	1.
15	0.	1.	1.	1.	1.
16	0.	1.	2.	2.	1.
17	0.	1.	1.	1.	1.
18	0.	1.	2.	1.	1.
19	0.	1.	1.	1.	1.
20	0.	1.	1.	1.	1.
21	0.	1.	2.	2.	2.
22	0.	1.	2.	2.	2.
23	0.	1.	2.	2.	2.
24	0.	1.	2.	2.	2.
25	0.	1.	2.	2.	1.
26	0.	1.	2.	2.	2.
27	0.	1.	3.	2.	2.
28	0.	1.	3.	2.	2.
29	0.	1.	2.	1.	1.
30	0.	1.	2.	2.	2.
31	0.	1.	2.	1.	2.
32	0.	1.	2.	1.	2.
33	0.	1.	2.	2.	2.
34	0.	1.	1.	1.	2.
35	0.	1.	1.	1.	2.
36	0.	1.	2.	1.	2.

RING DISTANCES(KM)= 3.00 3.50 4.00 4.50 5.00

STACK # 1--TECO 182 100% 0.1#/HR TSP
STACK # 2--TECO 3 0.1#/HR, 4 0.03#/HR

STACK	MONTH	EMISSION RATE (GMS/SEC)	HEIGHT (METERS)	DIAMETER (METERS)	EXIT VELOCITY (M/SEC)	TEMP (DEG.K)	VOLUMETRIC FLOW (M**3/SEC)
1	ALL	101.2200	149.40	7.32	28.60	422.00	1203.59
2	ALL	69.5900	149.40	7.32	34.30	370.00	1443.46

PLANT NAME: TECO BIG BEND POLLUTANT: TSP EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 3.3013E-06 DIRECTION= 9 DISTANCE= 4.0 KM DAY=128

YEAR= 71

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
DIR					
1	1.4032E-06 (229)	1.5656E-06 (229)	1.5494E-06 (260)	1.4065E-06 (260)	1.2841E-06 (260)
2	1.4653E-06 (113)	1.7933E-06 (113)	1.7754E-06 (236)	1.6796E-06 (331)	1.7734E-06 (331)
3	1.7945E-06 (331)	1.7506E-06 (234)	1.6470E-06 (205)	1.6915E-06 (205)	1.6840E-06 (205)
4	1.2533E-06 (177)	1.3028E-06 (205)	1.4689E-06 (205)	1.5688E-06 (205)	1.6213E-06 (205)
5	1.5954E-06 (200)	1.6435E-06 (288)	1.6528E-06 (288)	1.6054E-06 (288)	1.5304E-06 (288)
6	1.6105E-06 (200)	1.6434E-06 (200)	1.7751E-06 (159)	1.8153E-06 (159)	1.6199E-06 (206)
7	1.7464E-06 (179)	1.8425E-06 (207)	1.8526E-06 (207)	1.8016E-06 (207)	1.6529E-06 (103)
8	1.7546E-06 (179)	1.7840E-06 (128)	1.7783E-06 (139)	1.8139E-06 (139)	1.7276E-06 (297)
9	2.9949E-06 (238)	3.2394E-06 (128)	3.3013E-06 (128)	3.2421E-06 (128)	3.1152E-06 (128)
10	1.9975E-06 (220)	2.2296E-06 (220)	2.2940E-06 (220)	2.2608E-06 (220)	2.1741E-06 (220)
11	1.2887E-06 (198)	1.2749E-06 (151)	1.4122E-06 (196)	1.5438E-06 (196)	1.5960E-06 (196)
12	1.5603E-06 (257)	1.3710E-06 (136)	1.7615E-06 (136)	2.0205E-06 (136)	2.0488E-06 (198)
13	9.8581E-07 (257)	1.1603E-06 (141)	1.2329E-06 (141)	1.3008E-06 (123)	1.3294E-06 (123)
14	9.2264E-07 (159)	8.9042E-07 (222)	1.0327E-06 (222)	1.1151E-06 (222)	1.1487E-06 (222)
15	1.0660E-06 (159)	1.1325E-06 (121)	1.1748E-06 (121)	1.1613E-06 (121)	1.2120E-06 (221)
16	1.2385E-06 (262)	1.0814E-06 (262)	1.1058E-06 (169)	1.1367E-06 (169)	1.1926E-06 (124)
17	1.0265E-06 (317)	8.9314E-07 (262)	8.7557E-07 (99)	8.5410E-07 (99)	8.7603E-07 (169)
18	8.6499E-07 (173)	1.0281E-06 (99)	1.1302E-06 (99)	1.1551E-06 (99)	1.1376E-06 (99)
19	7.6963E-07 (98)	8.0861E-07 (257)	8.0357E-07 (221)	8.5502E-07 (316)	9.4680E-07 (316)
20	6.0815E-07 (98)	7.5757E-07 (99)	9.3027E-07 (99)	9.5990E-07 (46)	9.2477E-07 (46)
21	7.4982E-07 (157)	9.5127E-07 (41)	1.1008E-06 (41)	1.2327E-06 (311)	1.3161E-06 (311)
22	9.7086E-07 (137)	1.1200E-06 (47)	1.1792E-06 (47)	1.1723E-06 (47)	1.1334E-06 (47)
23	1.4988E-06 (164)	1.6085E-06 (68)	1.7614E-06 (270)	1.7647E-06 (156)	1.5974E-06 (156)
24	1.6076E-06 (90)	1.9479E-06 (90)	2.1304E-06 (90)	2.1578E-06 (156)	2.0348E-06 (156)
25	9.3205E-07 (90)	1.1724E-06 (90)	1.3276E-06 (90)	1.4040E-06 (90)	1.4629E-06 (285)
26	8.8215E-07 (101)	9.9947E-07 (101)	1.0894E-06 (267)	1.2734E-06 (267)	1.3791E-06 (267)
27	1.4074E-06 (152)	1.7429E-06 (190)	2.0817E-06 (190)	2.2859E-06 (190)	2.3865E-06 (190)
28	1.6372E-06 (101)	1.9266E-06 (101)	2.0813E-06 (101)	2.0817E-06 (231)	2.0102E-06 (231)
29	1.3469E-06 (231)	1.3499E-06 (231)	1.4236E-06 (138)	1.4698E-06 (214)	1.6163E-06 (214)
30	1.4900E-06 (182)	1.7004E-06 (182)	1.7733E-06 (182)	1.7631E-06 (182)	1.7056E-06 (182)
31	8.6746E-07 (230)	9.5116E-07 (218)	1.0166E-06 (143)	1.2241E-06 (278)	1.2189E-06 (250)
32	1.4836E-06 (2)	1.8948E-06 (2)	2.0918E-06 (2)	2.1358E-06 (2)	2.0885E-06 (2)
33	1.1427E-06 (218)	1.5081E-06 (91)	1.8224E-06 (230)	1.8171E-06 (230)	1.7621E-06 (230)
34	1.1669E-06 (218)	1.5318E-06 (187)	1.9011E-06 (187)	2.1178E-06 (187)	2.2128E-06 (187)
35	1.9604E-06 (211)	1.9804E-06 (211)	1.8884E-06 (211)	1.7502E-06 (211)	1.6501E-06 (229)
36	2.2154E-06 (229)	2.3237E-06 (260)	2.2331E-06 (260)	2.1066E-06 (260)	1.9696E-06 (260)

PLANT NAME: TECO BIG BEND POLLUTANT: TSP EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 3.6493E-06 DIRECTION= 9 DISTANCE= 5.0 KM DAY=207

YEAR= 72

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	1.0245E-06 (25)	1.1706E-06 (25)	1.2248E-06 (25)	1.3391E-06 (107)	1.3891E-06 (107)
2	1.1338E-06 (110)	1.2659E-06 (57)	1.6127E-06 (57)	1.8316E-06 (57)	1.9427E-06 (57)
3	1.0303E-06 (110)	1.0587E-06 (110)	1.5936E-06 (110)	1.6533E-06 (105)	1.6845E-06 (105)
4	1.4774E-06 (150)	1.5714E-06 (150)	1.5189E-06 (150)	1.4492E-06 (136)	1.4245E-06 (136)
5	2.0406E-06 (150)	2.1923E-06 (150)	2.2089E-06 (211)	2.2251E-06 (211)	2.2114E-06 (211)
6	2.0394E-06 (211)	2.0515E-06 (211)	2.1726E-06 (210)	2.1076E-06 (261)	2.0130E-06 (261)
7	2.1218E-06 (194)	2.1939E-06 (194)	2.1346E-06 (309)	2.1718E-06 (309)	2.1466E-06 (309)
8	2.0720E-06 (195)	1.9772E-06 (195)	2.0512E-06 (220)	2.0790E-06 (216)	2.0101E-06 (220)
9	3.0958E-06 (124)	3.5192E-06 (124)	3.6190E-06 (124)	3.5444E-06 (207)	3.6493E-06 (207)
10	2.7384E-06 (242)	2.9045E-06 (242)	2.8945E-06 (242)	2.8063E-06 (242)	2.6857E-06 (242)
11	1.2501E-06 (131)	1.4820E-06 (131)	1.6082E-06 (131)	1.6505E-06 (131)	1.6342E-06 (131)
12	6.7968E-07 (146)	8.2291E-07 (112)	9.7705E-07 (231)	1.0565E-06 (143)	1.0289E-06 (143)
13	7.6750E-07 (23)	8.1359E-07 (23)	8.1238E-07 (112)	8.5644E-07 (112)	8.6593E-07 (185)
14	7.0085E-07 (362)	8.8192E-07 (362)	9.0295E-07 (362)	1.0100E-06 (282)	9.6772E-07 (282)
15	6.1304E-07 (240)	6.8766E-07 (240)	7.6702E-07 (146)	8.5218E-07 (146)	8.8971E-07 (146)
16	5.3861E-07 (93)	6.1194E-07 (93)	6.3383E-07 (93)	6.2925E-07 (259)	7.2649E-07 (322)
17	4.8027E-07 (283)	5.1692E-07 (283)	5.6588E-07 (260)	6.2325E-07 (260)	6.4799E-07 (260)
18	9.4102E-07 (247)	1.0246E-06 (247)	1.0741E-06 (247)	1.0807E-06 (247)	1.0544E-06 (247)
19	1.1772E-06 (189)	1.1720E-06 (189)	1.1276E-06 (189)	1.0587E-06 (252)	9.4424E-07 (252)
20	1.5207E-06 (189)	1.4810E-06 (189)	1.3944E-06 (189)	1.2892E-06 (189)	1.2759E-06 (336)
21	1.3532E-06 (252)	1.6677E-06 (252)	1.6233E-06 (189)	1.5039E-06 (189)	1.3837E-06 (189)
22	9.1770E-07 (265)	9.8183E-07 (265)	1.0477E-06 (252)	1.0507E-06 (252)	1.1137E-06 (191)
23	1.2716E-06 (189)	1.3123E-06 (156)	1.2721E-06 (156)	1.3341E-06 (266)	1.3363E-06 (266)
24	1.7158E-06 (158)	1.5083E-06 (186)	1.3846E-06 (156)	1.3880E-06 (158)	1.4546E-06 (288)
25	1.3850E-06 (86)	1.7402E-06 (247)	1.6398E-06 (157)	1.7550E-06 (157)	1.7853E-06 (157)
26	1.5795E-06 (257)	1.9531E-06 (257)	2.1706E-06 (265)	2.3086E-06 (257)	2.3601E-06 (257)
27	1.2219E-06 (339)	1.4726E-06 (339)	1.5924E-06 (339)	1.6370E-06 (254)	1.6490E-06 (247)
28	1.1707E-06 (339)	1.2196E-06 (186)	1.4834E-06 (230)	1.6861E-06 (339)	1.7189E-06 (339)
29	1.0403E-06 (228)	1.3000E-06 (101)	1.4957E-06 (27)	1.4135E-06 (27)	1.3150E-06 (27)
30	1.2159E-06 (228)	1.4884E-06 (241)	1.5359E-06 (241)	1.5306E-06 (345)	1.6028E-06 (345)
31	1.1404E-06 (196)	1.3520E-06 (212)	1.4377E-06 (196)	1.4652E-06 (196)	1.5443E-06 (332)
32	1.0842E-06 (307)	1.2191E-06 (61)	1.4845E-06 (61)	1.6322E-06 (61)	1.6896E-06 (61)
33	1.0235E-06 (196)	1.2333E-06 (298)	1.3994E-06 (1)	1.6890E-06 (1)	1.7737E-06 (229)
34	7.1743E-07 (141)	8.5777E-07 (141)	8.9273E-07 (141)	9.2771E-07 (211)	1.0167E-06 (211)
35	7.3820E-07 (213)	9.2002E-07 (238)	1.0032E-06 (238)	1.0212E-06 (238)	9.9815E-07 (238)
36	9.6214E-07 (64)	1.1540E-06 (64)	1.2282E-06 (113)	1.2321E-06 (136)	1.2219E-06 (136)

PLANT NAME: TECO BIG BEND POLLUTANT: TSP EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 3.1984E-06 DIRECTION= 9 DISTANCE= 4.0 KM DAY=152

YEAR= 73

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	9.7992E-07 (163)	1.1248E-06 (149)	1.2116E-06 (149)	1.2230E-06 (149)	1.1906E-06 (149)
2	1.3719E-06 (147)	1.5524E-06 (147)	1.5932E-06 (147)	1.5544E-06 (147)	1.5358E-06 (159)
3	1.7826E-06 (215)	1.7981E-06 (215)	1.7174E-06 (215)	1.6053E-06 (215)	1.5029E-06 (123)
4	1.8642E-06 (313)	2.0436E-06 (182)	1.8730E-06 (182)	1.7186E-06 (182)	1.6231E-06 (173)
5	2.6080E-06 (192)	2.6774E-06 (192)	2.6703E-06 (192)	2.6009E-06 (192)	2.4921E-06 (192)
6	2.3764E-06 (209)	2.5600E-06 (209)	2.3815E-06 (186)	2.4479E-06 (186)	2.4160E-06 (186)
7	2.5448E-06 (218)	2.5179E-06 (185)	2.4775E-06 (185)	2.3538E-06 (216)	2.2315E-06 (185)
8	2.5213E-06 (236)	2.5770E-06 (181)	2.4726E-06 (187)	2.3536E-06 (236)	2.1838E-06 (253)
9	2.8877E-06 (152)	3.1689E-06 (152)	3.1984E-06 (152)	3.0853E-06 (132)	2.9035E-06 (132)
10	2.0302E-06 (140)	2.0634E-06 (140)	2.1631E-06 (196)	2.2429E-06 (196)	2.2247E-06 (196)
11	1.5560E-06 (169)	1.5915E-06 (169)	1.5614E-06 (169)	1.5795E-06 (263)	1.5531E-06 (208)
12	1.3628E-06 (100)	1.4445E-06 (259)	1.3300E-06 (135)	1.3235E-06 (135)	1.3240E-06 (124)
13	9.1773E-07 (103)	8.9417E-07 (259)	7.8278E-07 (259)	7.3009E-07 (124)	7.5633E-07 (124)
14	8.8015E-07 (197)	9.8520E-07 (118)	1.1024E-06 (169)	1.1839E-06 (169)	1.2047E-06 (169)
15	7.5864E-07 (103)	8.5590E-07 (103)	8.7464E-07 (30)	8.8239E-07 (30)	8.6126E-07 (30)
16	1.1056E-06 (95)	1.2272E-06 (95)	1.2691E-06 (95)	1.2628E-06 (95)	1.1688E-06 (119)
17	8.2747E-07 (95)	9.4853E-07 (95)	1.0128E-06 (53)	1.0864E-06 (53)	1.1218E-06 (53)
18	1.0197E-06 (119)	1.2393E-06 (103)	1.4743E-06 (103)	1.5969E-06 (221)	1.6102E-06 (14)
19	8.7792E-07 (305)	1.0211E-06 (305)	1.1195E-06 (305)	1.1887E-06 (305)	1.2323E-06 (305)
20	1.5320E-06 (183)	1.6061E-06 (183)	1.5418E-06 (183)	1.4184E-06 (183)	1.3822E-06 (305)
21	2.1308E-06 (183)	2.3393E-06 (183)	2.2836E-06 (233)	2.0747E-06 (233)	2.0659E-06 (183)
22	1.8643E-06 (191)	1.8590E-06 (191)	1.8070E-06 (191)	1.8161E-06 (78)	1.7701E-06 (78)
23	2.3009E-06 (221)	2.3475E-06 (221)	2.2838E-06 (221)	2.1585E-06 (221)	2.0084E-06 (221)
24	1.5337E-06 (125)	1.6941E-06 (125)	1.6447E-06 (183)	1.7159E-06 (316)	1.9081E-06 (316)
25	1.6499E-06 (240)	1.9541E-06 (260)	2.1485E-06 (260)	2.2884E-06 (260)	2.3717E-06 (260)
26	1.7903E-06 (154)	1.9462E-06 (154)	1.9814E-06 (154)	2.0075E-06 (240)	2.0715E-06 (336)
27	1.6616E-06 (260)	1.6202E-06 (260)	1.6247E-06 (287)	1.7331E-06 (287)	1.7220E-06 (154)
28	1.7887E-06 (239)	1.8056E-06 (239)	1.7088E-06 (239)	1.5716E-06 (239)	1.6627E-06 (286)
29	1.7938E-06 (239)	1.9243E-06 (238)	1.8616E-06 (238)	1.9959E-06 (239)	1.9487E-06 (239)
30	1.2362E-06 (171)	1.4866E-06 (238)	1.4506E-06 (238)	1.3569E-06 (238)	1.3437E-06 (106)
31	9.5486E-07 (112)	1.1924E-06 (112)	1.3090E-06 (112)	1.3394E-06 (112)	1.4547E-06 (65)
32	2.0468E-06 (224)	1.9769E-06 (217)	1.9449E-06 (224)	1.8177E-06 (322)	1.8126E-06 (322)
33	2.3037E-06 (224)	2.3897E-06 (217)	2.3284E-06 (217)	2.1849E-06 (217)	2.0146E-06 (217)
34	1.5126E-06 (261)	1.6435E-06 (202)	1.7062E-06 (202)	1.6927E-06 (202)	1.6373E-06 (202)
35	1.5443E-06 (177)	1.7070E-06 (163)	1.6691E-06 (163)	1.5918E-06 (163)	1.4953E-06 (163)
36	1.6626E-06 (160)	1.7158E-06 (148)	1.6486E-06 (163)	1.5070E-06 (163)	1.3758E-06 (163)

PLANT NAME: TECO BIG BEND POLLUTANT: TSP EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAA3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 3.0891E-06 DIRECTION= 9 DISTANCE= 5.0 KM DAY=231

YEAR= 74

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
DIR					
1	1.3930E-06 (98)	1.4388E-06 (242)	1.3031E-06 (242)	1.1515E-06 (242)	1.0122E-06 (210)
2	1.0873E-06 (127)	1.4419E-06 (127)	1.6620E-06 (127)	1.7491E-06 (207)	1.6327E-06 (207)
3	1.4808E-06 (152)	1.3690E-06 (152)	1.3011E-06 (166)	1.2451E-06 (166)	1.1650E-06 (166)
4	1.6179E-06 (158)	1.5240E-06 (189)	1.6170E-06 (189)	1.6370E-06 (90)	1.6662E-06 (90)
5	1.7267E-06 (234)	1.6722E-06 (234)	1.5725E-06 (206)	1.5808E-06 (157)	1.6537E-06 (158)
6	2.2380E-06 (200)	2.2353E-06 (129)	2.1375E-06 (129)	1.9739E-06 (129)	1.7925E-06 (129)
7	1.8972E-06 (197)	1.8985E-06 (197)	1.7673E-06 (197)	1.5911E-06 (197)	1.6203E-06 (191)
8	1.9286E-06 (196)	2.0654E-06 (196)	2.0174E-06 (196)	1.9111E-06 (163)	2.0127E-06 (163)
9	1.8596E-06 (173)	2.4274E-06 (231)	2.8315E-06 (231)	3.0346E-06 (231)	3.0891E-06 (231)
10	1.6996E-06 (121)	2.0333E-06 (121)	2.1997E-06 (192)	2.2741E-06 (192)	2.2518E-06 (192)
11	1.4928E-06 (167)	1.5304E-06 (200)	1.6640E-06 (200)	1.7083E-06 (200)	1.6911E-06 (200)
12	1.3129E-06 (211)	1.1141E-06 (211)	1.3067E-06 (200)	1.4169E-06 (200)	1.4564E-06 (200)
13	8.9998E-07 (167)	9.8711E-07 (167)	9.8677E-07 (167)	9.4834E-07 (167)	8.9749E-07 (167)
14	7.6760E-07 (99)	7.6288E-07 (211)	6.6749E-07 (211)	5.9303E-07 (211)	6.4595E-07 (222)
15	5.3971E-07 (96)	6.4539E-07 (96)	7.6930E-07 (99)	7.3735E-07 (364)	7.5224E-07 (364)
16	1.0697E-06 (282)	1.1891E-06 (282)	1.1906E-06 (282)	1.3402E-06 (291)	1.4820E-06 (291)
17	1.1459E-06 (338)	1.3776E-06 (234)	1.2268E-06 (234)	1.1080E-06 (234)	1.0119E-06 (234)
18	1.1003E-06 (311)	1.2475E-06 (108)	1.2824E-06 (108)	1.2620E-06 (108)	1.2751E-06 (332)
19	7.6980E-07 (243)	8.1644E-07 (108)	8.9395E-07 (332)	9.8763E-07 (311)	9.8637E-07 (311)
20	1.0936E-06 (282)	1.1344E-06 (311)	1.2181E-06 (311)	1.3198E-06 (281)	1.3712E-06 (281)
21	1.0990E-06 (264)	1.2783E-06 (264)	1.4068E-06 (264)	1.4860E-06 (264)	1.5204E-06 (264)
22	1.2779E-06 (171)	1.3260E-06 (171)	1.2867E-06 (171)	1.2070E-06 (171)	1.1411E-06 (254)
23	1.6035E-06 (233)	1.4201E-06 (286)	1.5200E-06 (286)	1.6603E-06 (298)	1.6731E-06 (171)
24	1.2885E-06 (117)	1.6605E-06 (297)	2.1958E-06 (284)	2.5938E-06 (284)	2.8397E-06 (284)
25	1.7251E-06 (286)	1.9515E-06 (307)	2.2648E-06 (307)	2.3614E-06 (305)	2.3182E-06 (305)
26	2.2512E-06 (305)	2.4500E-06 (110)	2.3318E-06 (110)	2.1690E-06 (110)	1.9949E-06 (110)
27	2.4109E-06 (110)	2.5187E-06 (110)	2.4879E-06 (110)	2.3916E-06 (110)	2.2668E-06 (110)
28	2.0506E-06 (172)	2.1564E-06 (172)	2.0987E-06 (116)	1.9344E-06 (116)	1.7551E-06 (116)
29	1.2321E-06 (227)	1.2864E-06 (164)	1.1408E-06 (164)	1.2123E-06 (225)	1.2621E-06 (118)
30	1.0451E-06 (67)	1.3499E-06 (67)	1.4474E-06 (243)	1.3950E-06 (243)	1.3942E-06 (237)
31	1.7685E-06 (237)	1.7899E-06 (237)	1.7331E-06 (237)	1.8444E-06 (219)	1.9571E-06 (136)
32	1.4259E-06 (97)	1.4822E-06 (64)	1.7405E-06 (65)	1.7168E-06 (234)	1.6771E-06 (63)
33	2.0008E-06 (97)	2.0375E-06 (97)	1.8728E-06 (221)	1.6985E-06 (221)	1.5856E-06 (159)
34	1.4949E-06 (199)	1.6378E-06 (199)	1.6384E-06 (236)	1.6240E-06 (236)	1.5639E-06 (236)
35	1.5459E-06 (242)	1.6690E-06 (242)	1.5279E-06 (159)	1.3426E-06 (159)	1.3602E-06 (164)
36	1.3234E-06 (144)	1.4339E-06 (144)	1.4094E-06 (144)	1.3264E-06 (144)	1.2381E-06 (242)

PLANT NAME: TECO BIG BEND POLLUTANT: TSP EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 3.0492E-06 DIRECTION= 9 DISTANCE= 4.0 KM DAY=179

YEAR= 75

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	1.5940E-06 (99)	1.5892E-06 (120)	1.4177E-06 (120)	1.2686E-06 (249)	1.2589E-06 (249)
2	1.4246E-06 (119)	1.8015E-06 (66)	2.0316E-06 (92)	1.9380E-06 (91)	1.9421E-06 (91)
3	1.4408E-06 (122)	1.7704E-06 (118)	1.9920E-06 (24)	2.1370E-06 (118)	2.1387E-06 (118)
4	1.8584E-06 (161)	1.8471E-06 (171)	1.9154E-06 (24)	2.0233E-06 (24)	2.0419E-06 (24)
5	1.7304E-06 (132)	2.1218E-06 (137)	2.4164E-06 (161)	2.2807E-06 (161)	2.1237E-06 (161)
6	1.2667E-06 (176)	1.2881E-06 (201)	1.3460E-06 (137)	1.3987E-06 (137)	1.3859E-06 (137)
7	2.5354E-06 (178)	2.5961E-06 (178)	2.4822E-06 (178)	2.2941E-06 (178)	2.0870E-06 (178)
8	2.0683E-06 (115)	2.4698E-06 (189)	2.5028E-06 (185)	2.3475E-06 (185)	2.1777E-06 (185)
9	2.7399E-06 (179)	3.0250E-06 (179)	3.0492E-06 (179)	2.9307E-06 (179)	2.7479E-06 (179)
10	2.0337E-06 (166)	2.1437E-06 (179)	2.0556E-06 (179)	1.9036E-06 (179)	1.7372E-06 (179)
11	1.3304E-06 (140)	1.3525E-06 (140)	1.2772E-06 (140)	1.2999E-06 (166)	1.3296E-06 (170)
12	9.9750E-07 (97)	9.6847E-07 (231)	9.8316E-07 (231)	9.5833E-07 (231)	9.4528E-07 (180)
13	1.2888E-06 (244)	1.6940E-06 (226)	1.7305E-06 (226)	1.6845E-06 (226)	1.5995E-06 (226)
14	1.0696E-06 (180)	1.1882E-06 (180)	1.2243E-06 (180)	1.2077E-06 (180)	1.1616E-06 (180)
15	1.1162E-06 (244)	1.3082E-06 (244)	1.2865E-06 (177)	1.1617E-06 (177)	1.0605E-06 (177)
16	1.1493E-06 (144)	1.2069E-06 (95)	1.3309E-06 (95)	1.3851E-06 (95)	1.3886E-06 (95)
17	1.0484E-06 (144)	1.0340E-06 (105)	1.2201E-06 (105)	1.3145E-06 (105)	1.3414E-06 (105)
18	7.3986E-07 (95)	9.2840E-07 (143)	9.2970E-07 (96)	1.0285E-06 (96)	1.0687E-06 (96)
19	7.9250E-07 (94)	7.5951E-07 (94)	7.7866E-07 (94)	7.3986E-07 (143)	6.6230E-07 (143)
20	1.2831E-06 (143)	1.1529E-06 (293)	1.4977E-06 (293)	1.4531E-06 (106)	1.3926E-06 (106)
21	1.2591E-06 (106)	1.4345E-06 (64)	1.4704E-06 (176)	1.5842E-06 (14)	1.6745E-06 (14)
22	1.3563E-06 (141)	1.7775E-06 (141)	2.0598E-06 (141)	2.1052E-06 (176)	2.0457E-06 (176)
23	1.4425E-06 (181)	1.5003E-06 (176)	1.6207E-06 (181)	1.5985E-06 (181)	1.5501E-06 (181)
24	1.0782E-06 (247)	1.1992E-06 (142)	1.2970E-06 (142)	1.3185E-06 (142)	1.2883E-06 (142)
25	1.5362E-06 (250)	1.5574E-06 (97)	1.6352E-06 (142)	1.8065E-06 (142)	1.8765E-06 (142)
26	2.2763E-06 (247)	2.1929E-06 (116)	2.2508E-06 (253)	2.5690E-06 (253)	2.4763E-06 (247)
27	2.5500E-06 (248)	2.7978E-06 (248)	2.8654E-06 (248)	2.8239E-06 (248)	2.7224E-06 (248)
28	1.7716E-06 (248)	1.9515E-06 (250)	2.0110E-06 (250)	1.9617E-06 (184)	1.7540E-06 (184)
29	1.5598E-06 (250)	1.6348E-06 (250)	1.5797E-06 (250)	1.5147E-06 (251)	1.5324E-06 (251)
30	1.8919E-06 (219)	2.1238E-06 (219)	2.1784E-06 (217)	2.0663E-06 (217)	2.0625E-06 (143)
31	1.2269E-06 (114)	1.1978E-06 (219)	1.2304E-06 (219)	1.3530E-06 (222)	1.5306E-06 (222)
32	1.4334E-06 (258)	1.5464E-06 (258)	1.5413E-06 (161)	1.6659E-06 (242)	1.6454E-06 (242)
33	1.6901E-06 (114)	1.7163E-06 (218)	1.7511E-06 (218)	1.7695E-06 (242)	1.7300E-06 (242)
34	1.4874E-06 (260)	1.5569E-06 (260)	1.5123E-06 (260)	1.4171E-06 (260)	1.3183E-06 (198)
35	1.1911E-06 (147)	1.2998E-06 (147)	1.3011E-06 (147)	1.2549E-06 (147)	1.2292E-06 (169)
36	1.2255E-06 (162)	1.0797E-06 (249)	1.1839E-06 (249)	1.2241E-06 (249)	1.2205E-06 (249)

COMPOSITE HIGHEST,SECOND-HIGHEST 24-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	2	2	2	1	1
2	1	2	2	2	2
3	2	2	2	2	2
4	2	2	2	2	2
5	3	3	3	3	2
6	2	3	2	2	2
7	3	3	2	2	2
8	3	3	3	2	2
9	3	4	4	4	4
10	3	3	3	3	3
11	2	2	2	2	2
12	2	1	2	2	2
13	1	2	2	2	2
14	1	1	1	1	1
15	1	1	1	1	1
16	1	1	1	1	1
17	1	1	1	1	1
18	1	1	1	2	2
19	1	1	1	1	1
20	2	2	2	1	1
21	2	2	2	2	2
22	2	2	2	2	2
23	2	2	2	2	2
24	2	2	2	3	3
25	2	2	2	2	2
26	2	2	2	3	2
27	3	3	3	3	3
28	2	2	2	2	2
29	2	2	2	2	2
30	2	2	2	2	2
31	2	2	2	2	2
32	2	2	2	2	2
33	2	2	2	2	2
34	2	2	2	2	2
35	2	2	2	2	2
36	2	2	2	2	2

RING DISTANCES(KM)= 5.50 6.00 7.00 20.80 53.20

STACK # 1--TECO 1&2 100% 0.1#/HR TSP
STACK # 2--TECO 3 0.1#/HR, 4 0.03#/HR

STACK	MONTH	EMISSION RATE (GMS/SEC)	HEIGHT (METERS)	DIAMETER (METERS)	EXIT VELOCITY (M/SEC)	TEMP (DEG.K)	VOLUMETRIC FLOW (M**3/SEC)
1	ALL	101.2200	149.40	7.32	28.60	422.00	1203.59
2	ALL	69.5900	149.40	7.32	34.30	370.00	1443.46

PLANT NAME: TECO BIG BEND POLLUTANT: TSP EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 2.9552E-06 DIRECTION= 9 DISTANCE= 5.5 KM DAY=128

YEAR= 71

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	1.1789E-06 (260)	1.1214E-06 (113)	1.0344E-06 (113)	8.1421E-07 (56)	5.0690E-07 (113)
2	1.8197E-06 (331)	1.8300E-06 (331)	1.7728E-06 (113)	1.1228E-06 (113)	5.8683E-07 (228)
3	1.6453E-06 (205)	1.5884E-06 (205)	1.4505E-06 (205)	6.1891E-07 (354)	4.0673E-07 (111)
4	1.6384E-06 (205)	1.5168E-06 (234)	1.3083E-06 (234)	5.7847E-07 (205)	2.8984E-07 (114)
5	1.4442E-06 (288)	1.4219E-06 (205)	1.3499E-06 (178)	6.3726E-07 (178)	3.8157E-07 (112)
6	1.4437E-06 (206)	1.2950E-06 (206)	1.0703E-06 (206)	8.4626E-07 (118)	5.8601E-07 (118)
7	1.5159E-06 (224)	1.4660E-06 (224)	1.3452E-06 (224)	6.8681E-07 (229)	3.8313E-07 (117)
8	1.6963E-06 (257)	1.6374E-06 (139)	1.4546E-06 (139)	6.5048E-07 (344)	4.6976E-07 (256)
9	2.9552E-06 (128)	2.7754E-06 (220)	2.4485E-06 (128)	1.5134E-06 (166)	8.6625E-07 (166)
10	2.1127E-06 (161)	2.0854E-06 (161)	1.9642E-06 (161)	9.5650E-07 (195)	6.1301E-07 (195)
11	1.5928E-06 (196)	1.5540E-06 (196)	1.4237E-06 (196)	8.0775E-07 (44)	4.0511E-07 (325)
12	1.8555E-06 (198)	1.6839E-06 (198)	1.4079E-06 (198)	1.0910E-06 (123)	5.7883E-07 (44)
13	1.3122E-06 (123)	1.2779E-06 (123)	1.1855E-06 (123)	6.3267E-07 (123)	3.9080E-07 (220)
14	1.1481E-06 (222)	1.1258E-06 (222)	1.0496E-06 (222)	7.3266E-07 (63)	4.0187E-07 (19)
15	1.2688E-06 (221)	1.2835E-06 (221)	1.2359E-06 (221)	8.2197E-07 (121)	4.3074E-07 (121)
16	1.2164E-06 (124)	1.2094E-06 (124)	1.1472E-06 (124)	7.5800E-07 (121)	4.4092E-07 (76)
17	8.7898E-07 (169)	8.6592E-07 (169)	8.1401E-07 (169)	4.7077E-07 (181)	2.9076E-07 (67)
18	1.0983E-06 (99)	1.0489E-06 (99)	9.4189E-07 (99)	5.4147E-07 (226)	4.1187E-07 (89)
19	9.8779E-07 (316)	9.9193E-07 (316)	9.3851E-07 (316)	7.1323E-07 (67)	4.8555E-07 (314)
20	8.7477E-07 (46)	8.2112E-07 (46)	7.2255E-07 (46)	4.6389E-07 (170)	2.9717E-07 (41)
21	1.3451E-06 (311)	1.3368E-06 (311)	1.2589E-06 (311)	8.1304E-07 (356)	6.4716E-07 (308)
22	1.0804E-06 (47)	1.0728E-06 (326)	1.1101E-06 (326)	8.0800E-07 (356)	5.6294E-07 (301)
23	1.4771E-06 (68)	1.4310E-06 (272)	1.3905E-06 (329)	1.2382E-06 (292)	7.8632E-07 (292)
24	1.8989E-06 (156)	1.7659E-06 (156)	1.5328E-06 (156)	9.5381E-07 (352)	8.8736E-07 (319)
25	1.4685E-06 (285)	1.4405E-06 (285)	1.3382E-06 (285)	7.5422E-07 (335)	5.7414E-07 (156)
26	1.4230E-06 (267)	1.4228E-06 (267)	1.3455E-06 (267)	8.8814E-07 (33)	6.1768E-07 (33)
27	2.4146E-06 (190)	2.3646E-06 (101)	2.1424E-06 (101)	1.0225E-06 (190)	6.2919E-07 (49)
28	1.9208E-06 (231)	1.8239E-06 (231)	1.6306E-06 (231)	7.6561E-07 (305)	5.9863E-07 (244)
29	1.6891E-06 (214)	1.7077E-06 (214)	1.6479E-06 (214)	7.8882E-07 (247)	5.7270E-07 (143)
30	1.7115E-06 (210)	1.7661E-06 (210)	1.7670E-06 (210)	9.3673E-07 (138)	7.5761E-07 (3)
31	1.2401E-06 (243)	1.2513E-06 (243)	1.2066E-06 (243)	6.6074E-07 (348)	5.6284E-07 (261)
32	1.9957E-06 (2)	1.8861E-06 (2)	1.6718E-06 (2)	6.5259E-07 (2)	3.8697E-07 (345)
33	1.8641E-06 (363)	1.9198E-06 (363)	1.8375E-06 (91)	9.4859E-07 (185)	6.1162E-07 (361)
34	2.1782E-06 (259)	2.0479E-06 (259)	1.8027E-06 (259)	6.4822E-07 (259)	3.8140E-07 (59)
35	1.5748E-06 (229)	1.4942E-06 (229)	1.3349E-06 (229)	4.605BE-07 (229)	3.4576E-07 (255)
36	1.8345E-06 (260)	1.7073E-06 (260)	1.4853E-06 (260)	7.4934E-07 (58)	5.6542E-07 (229)

PLANT NAME: TECO BIG BEND POLLUTANT: TSP EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 3.6712E-06 DIRECTION= 9 DISTANCE= 5.5 KM DAY=207

YEAR= 72

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	1.3930E-06 (107)	1.3679E-06 (107)	1.2738E-06 (107)	6.9154E-07 (330)	4.6261E-07 (65)
2	1.9762E-06 (57)	1.9593E-06 (57)	1.8573E-06 (114)	8.7082E-07 (341)	4.6349E-07 (21)
3	1.0621E-06 (105)	1.0095E-06 (105)	1.4788E-06 (57)	8.1477E-07 (129)	5.6801E-07 (89)
4	1.3754E-06 (130)	1.3853E-06 (269)	1.2111E-06 (195)	4.4333E-07 (269)	2.5687E-07 (245)
5	2.1728E-06 (211)	2.1152E-06 (211)	1.8753E-06 (261)	6.9710E-07 (261)	3.7944E-07 (312)
6	1.9227E-06 (261)	1.8409E-06 (261)	1.6981E-06 (261)	9.3800E-07 (85)	4.4361E-07 (107)
7	2.0454E-06 (298)	1.8935E-06 (298)	1.8131E-06 (316)	7.7734E-07 (172)	4.6531E-07 (99)
8	1.9399E-06 (220)	1.8603E-06 (220)	1.6979E-06 (220)	9.6558E-07 (172)	5.7575E-07 (180)
9	3.6712E-06 (207)	3.6322E-06 (207)	3.4471E-06 (207)	2.2836E-06 (174)	1.2878E-06 (174)
10	2.5542E-06 (242)	2.4221E-06 (242)	2.1757E-06 (242)	1.1026E-06 (178)	4.9818E-07 (124)
11	1.5809E-06 (131)	1.5066E-06 (131)	1.3350E-06 (131)	8.2141E-07 (143)	5.0116E-07 (143)
12	1.0410E-06 (238)	1.0490E-06 (238)	1.0195E-06 (245)	5.2374E-07 (49)	4.1727E-07 (331)
13	9.2994E-07 (185)	9.0566E-07 (185)	9.7504E-07 (185)	8.0498E-07 (44)	5.0753E-07 (361)
14	9.1289E-07 (282)	8.6144E-07 (146)	7.5883E-07 (146)	5.3746E-07 (360)	4.1468E-07 (358)
15	8.9481E-07 (146)	8.7982E-07 (146)	8.2161E-07 (146)	6.7092E-07 (362)	4.7826E-07 (44)
16	7.9972E-07 (322)	8.4524E-07 (322)	8.1564E-07 (263)	6.0389E-07 (362)	3.4579E-07 (325)
17	7.6337E-07 (326)	8.8223E-07 (326)	1.0566E-06 (326)	8.8201E-07 (351)	5.5941E-07 (351)
18	1.0081E-06 (247)	9.5178E-07 (247)	9.3346E-07 (147)	9.2683E-07 (320)	7.9496E-07 (320)
19	8.5155E-07 (313)	8.4399E-07 (189)	7.1974E-07 (189)	7.1751E-07 (16)	5.1825E-07 (16)
20	1.1476E-06 (252)	1.0242E-06 (252)	9.4734E-07 (193)	4.7101E-07 (92)	3.4667E-07 (336)
21	1.2731E-06 (189)	1.1747E-06 (189)	1.0971E-06 (256)	6.1149E-07 (336)	3.9719E-07 (92)
22	1.1386E-06 (288)	1.1710E-06 (288)	1.1553E-06 (288)	9.8281E-07 (66)	6.0933E-07 (69)
23	1.2980E-06 (158)	1.1757E-06 (191)	1.1010E-06 (279)	1.2426E-06 (117)	7.9087E-07 (117)
24	1.6162E-06 (288)	1.7120E-06 (267)	1.6991E-06 (267)	1.0941E-06 (294)	6.6937E-07 (353)
25	1.7587E-06 (157)	1.6975E-06 (157)	1.5289E-06 (157)	9.9199E-07 (156)	6.5692E-07 (156)
26	2.3618E-06 (257)	2.3300E-06 (257)	2.2068E-06 (257)	9.6700E-07 (265)	6.1181E-07 (66)
27	1.6040E-06 (268)	1.6540E-06 (268)	1.6991E-06 (268)	1.3624E-06 (306)	9.8746E-07 (268)
28	1.7132E-06 (339)	1.6818E-06 (339)	1.5762E-06 (339)	1.5927E-06 (121)	1.0295E-06 (121)
29	1.3217E-06 (230)	1.3391E-06 (230)	1.3125E-06 (230)	9.9042E-07 (169)	5.1720E-07 (101)
30	1.6237E-06 (345)	1.6093E-06 (345)	1.4848E-06 (228)	6.7724E-07 (332)	4.8249E-07 (365)
31	1.6409E-06 (332)	1.6395E-06 (241)	1.5262E-06 (241)	6.2870E-07 (213)	3.9881E-07 (308)
32	1.6862E-06 (61)	1.6456E-06 (61)	1.5128E-06 (61)	7.3046E-07 (364)	5.5633E-07 (1)
33	1.7643E-06 (12)	1.8077E-06 (12)	1.7736E-06 (12)	9.3274E-07 (301)	6.1961E-07 (301)
34	1.0615E-06 (211)	1.0734E-06 (211)	1.0371E-06 (211)	5.0408E-07 (90)	3.7352E-07 (2)
35	9.6602E-07 (213)	9.1021E-07 (213)	7.9672E-07 (238)	5.7186E-07 (309)	3.3265E-07 (309)
36	1.1974E-06 (130)	1.1467E-06 (64)	1.0329E-06 (64)	7.0045E-07 (91)	4.3770E-07 (357)

PLANT NAME: TECO BIG BEND POLLUTANT: TSP EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 2.7160E-06 DIRECTION= 9 DISTANCE= 5.5 KM DAY=132

YEAR= 73

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	1.3039E-06 (193)	1.3781E-06 (193)	1.4320E-06 (193)	7.9311E-07 (146)	4.4766E-07 (148)
2	1.5343E-06 (71)	1.5491E-06 (71)	1.4483E-06 (159)	7.2231E-07 (148)	4.3569E-07 (146)
3	1.5122E-06 (123)	1.4824E-06 (123)	1.3312E-06 (226)	6.5645E-07 (226)	4.1901E-07 (115)
4	1.5598E-06 (173)	1.4950E-06 (173)	1.3710E-06 (173)	6.3066E-07 (20)	3.7395E-07 (145)
5	2.3632E-06 (192)	2.2277E-06 (192)	1.9647E-06 (192)	6.5025E-07 (313)	3.6623E-07 (117)
6	2.3240E-06 (209)	2.2116E-06 (186)	1.9584E-06 (186)	1.0295E-06 (144)	5.1339E-07 (209)
7	2.0873E-06 (185)	1.9475E-06 (185)	1.6981E-06 (185)	8.7192E-07 (140)	4.5712E-07 (6)
8	2.2228E-06 (253)	2.2119E-06 (253)	2.1028E-06 (187)	9.3268E-07 (253)	3.8941E-07 (253)
9	2.7160E-06 (132)	2.5363E-06 (132)	2.2195E-06 (132)	8.4175E-07 (142)	5.8942E-07 (85)
10	2.1475E-06 (132)	2.0412E-06 (196)	1.7965E-06 (196)	8.5365E-07 (169)	6.4375E-07 (258)
11	1.4481E-06 (208)	1.3515E-06 (208)	1.2409E-06 (306)	9.8892E-07 (85)	5.0377E-07 (169)
12	1.3219E-06 (124)	1.2915E-06 (124)	1.1921E-06 (124)	7.4562E-07 (98)	5.7475E-07 (98)
13	7.5418E-07 (124)	7.8811E-07 (168)	8.4877E-07 (168)	1.2740E-06 (29)	6.5208E-07 (41)
14	1.1862E-06 (169)	1.1441E-06 (169)	1.0291E-06 (169)	8.0012E-07 (175)	5.6916E-07 (175)
15	8.8936E-07 (345)	9.0633E-07 (345)	8.9782E-07 (345)	6.6017E-07 (350)	4.4418E-07 (350)
16	1.0704E-06 (119)	9.8769E-07 (119)	1.0135E-06 (188)	5.0443E-07 (188)	3.6127E-07 (342)
17	1.1312E-06 (53)	1.1245E-06 (53)	1.0882E-06 (53)	7.5865E-07 (305)	5.6195E-07 (342)
18	1.6647E-06 (103)	1.6268E-06 (103)	1.5079E-06 (103)	6.1867E-07 (13)	5.0174E-07 (51)
19	1.2220E-06 (103)	1.1480E-06 (103)	1.0076E-06 (103)	6.3759E-07 (305)	4.3553E-07 (136)
20	1.3369E-06 (305)	1.2830E-06 (305)	1.2876E-06 (299)	7.3979E-07 (345)	5.4834E-07 (24)
21	1.8982E-06 (183)	1.7384E-06 (183)	1.6275E-06 (221)	1.0344E-06 (50)	6.3984E-07 (9)
22	1.6533E-06 (233)	1.5244E-06 (233)	1.3177E-06 (233)	8.1453E-07 (293)	6.5529E-07 (292)
23	1.8569E-06 (221)	1.7161E-06 (221)	1.4810E-06 (221)	1.1119E-06 (291)	6.7394E-07 (16)
24	1.9279E-06 (183)	1.8936E-06 (59)	1.8001E-06 (59)	9.7179E-07 (310)	5.4366E-07 (310)
25	2.4045E-06 (260)	2.3406E-06 (240)	2.2813E-06 (321)	9.4400E-07 (271)	6.4784E-07 (321)
26	2.2137E-06 (330)	2.2770E-06 (336)	2.2479E-06 (336)	8.7726E-07 (336)	4.8015E-07 (154)
27	1.6057E-06 (154)	1.4891E-06 (154)	1.3085E-06 (336)	1.0341E-06 (106)	6.2671E-07 (229)
28	1.6857E-06 (286)	1.6634E-06 (286)	1.4916E-06 (158)	1.0924E-06 (105)	6.1485E-07 (105)
29	1.8834E-06 (239)	1.8102E-06 (239)	1.6602E-06 (239)	8.5004E-07 (105)	6.7145E-07 (358)
30	1.3005E-06 (106)	1.2398E-06 (106)	1.1028E-06 (106)	8.3017E-07 (324)	6.1546E-07 (324)
31	1.5293E-06 (65)	1.5546E-06 (65)	1.3469E-06 (171)	6.8916E-07 (113)	5.9293E-07 (113)
32	1.7717E-06 (322)	1.7116E-06 (322)	1.5699E-06 (322)	1.0597E-06 (21)	7.0912E-07 (21)
33	1.8471E-06 (217)	1.6954E-06 (217)	1.4501E-06 (217)	6.6764E-07 (70)	4.2620E-07 (171)
34	1.5882E-06 (123)	1.6227E-06 (123)	1.4330E-06 (217)	6.9475E-07 (123)	4.5319E-07 (213)
35	1.3936E-06 (163)	1.4014E-06 (115)	1.2798E-06 (177)	9.0575E-07 (93)	5.7915E-07 (349)
36	1.3397E-06 (194)	1.3076E-06 (194)	1.1951E-06 (194)	6.6292E-07 (146)	5.1667E-07 (146)

PLANT NAME: TECO BIG BEND POLLUTANT: TSP EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAX3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 3.0453E-06 DIRECTION= 9 DISTANCE= 5.5 KM DAY=231

YEAR= 74

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	1.0115E-06 (203)	1.0173E-06 (203)	9.8198E-07 (203)	7.4583E-07 (98)	4.4622E-07 (52)
2	1.5102E-06 (207)	1.3922E-06 (207)	1.1855E-06 (207)	7.5084E-07 (91)	4.1462E-07 (28)
3	1.0853E-06 (207)	1.0079E-06 (166)	9.4443E-07 (103)	5.5149E-07 (80)	4.0705E-07 (39)
4	1.6558E-06 (90)	1.5405E-06 (229)	1.3394E-06 (229)	5.2321E-07 (90)	3.2697E-07 (210)
5	1.5343E-06 (158)	1.4227E-06 (158)	1.2304E-06 (158)	5.2999E-07 (210)	3.0878E-07 (88)
6	1.6162E-06 (129)	1.4552E-06 (129)	1.2520E-06 (158)	7.1692E-07 (89)	4.4628E-07 (88)
7	1.6017E-06 (191)	1.5494E-06 (191)	1.4410E-06 (232)	8.7627E-07 (16)	4.1486E-07 (173)
8	2.0087E-06 (148)	1.8813E-06 (148)	1.6970E-06 (315)	6.6388E-07 (269)	3.5955E-07 (203)
9	3.0453E-06 (231)	2.9419E-06 (231)	2.6544E-06 (231)	1.2561E-06 (192)	7.1261E-07 (71)
10	2.1747E-06 (192)	2.0709E-06 (192)	1.8450E-06 (192)	8.2935E-07 (211)	5.1421E-07 (47)
11	1.6363E-06 (200)	1.5613E-06 (200)	1.3912E-06 (200)	6.6441E-07 (72)	3.7277E-07 (335)
12	1.4474E-06 (200)	1.4077E-06 (200)	1.2835E-06 (200)	6.7962E-07 (167)	3.6539E-07 (240)
13	8.4523E-07 (167)	7.9589E-07 (167)	7.1111E-07 (167)	6.8616E-07 (335)	3.7142E-07 (76)
14	6.8017E-07 (222)	6.9004E-07 (222)	6.6469E-07 (222)	8.8541E-07 (40)	4.9422E-07 (336)
15	7.4814E-07 (364)	7.3153E-07 (364)	7.1211E-07 (96)	8.8416E-07 (40)	4.6917E-07 (96)
16	1.5569E-06 (291)	1.5827E-06 (291)	1.5463E-06 (291)	8.1494E-07 (338)	4.5233E-07 (326)
17	9.3272E-07 (234)	8.6647E-07 (234)	8.5065E-07 (317)	5.3724E-07 (350)	4.0709E-07 (355)
18	1.2840E-06 (332)	1.2597E-06 (332)	1.1617E-06 (332)	9.6409E-07 (279)	5.9818E-07 (279)
19	9.6425E-07 (311)	9.7823E-07 (364)	9.5307E-07 (332)	6.9226E-07 (311)	4.4122E-07 (311)
20	1.3737E-06 (281)	1.3441E-06 (281)	1.2361E-06 (281)	8.2189E-07 (279)	4.7718E-07 (18)
21	1.5536E-06 (263)	1.6159E-06 (263)	1.5944E-06 (265)	8.6017E-07 (278)	6.0772E-07 (107)
22	1.1704E-06 (254)	1.1667E-06 (254)	1.1057E-06 (254)	1.1374E-06 (312)	6.9906E-07 (276)
23	1.5737E-06 (171)	1.5284E-06 (297)	1.4303E-06 (297)	7.8352E-07 (266)	5.6043E-07 (293)
24	2.8428E-06 (286)	2.7348E-06 (286)	2.5391E-06 (297)	9.3763E-07 (348)	6.5147E-07 (284)
25	2.2437E-06 (305)	2.1563E-06 (305)	1.9774E-06 (305)	9.6834E-07 (307)	5.4961E-07 (303)
26	1.9613E-06 (171)	1.9388E-06 (171)	1.8294E-06 (171)	7.7548E-07 (306)	4.6551E-07 (349)
27	2.1578E-06 (171)	2.0494E-06 (116)	1.7694E-06 (116)	9.0235E-07 (194)	5.7376E-07 (171)
28	1.6093E-06 (195)	1.6102E-06 (2)	1.5355E-06 (195)	1.0187E-06 (101)	5.3467E-07 (36)
29	1.2865E-06 (139)	1.3228E-06 (139)	1.3232E-06 (139)	1.0367E-06 (357)	7.6586E-07 (140)
30	1.4186E-06 (237)	1.4200E-06 (237)	1.3368E-06 (329)	6.7726E-07 (244)	4.2572E-07 (301)
31	1.8984E-06 (130)	1.9043E-06 (215)	1.9282E-06 (215)	1.0226E-06 (134)	6.1957E-07 (136)
32	1.6770E-06 (63)	1.6374E-06 (63)	1.5506E-06 (6)	6.8270E-07 (6)	4.4776E-07 (165)
33	1.5485E-06 (63)	1.5291E-06 (63)	1.3556E-06 (62)	6.9887E-07 (103)	4.0531E-07 (94)
34	1.4810E-06 (236)	1.3895E-06 (236)	1.2105E-06 (236)	7.0346E-07 (159)	5.3794E-07 (84)
35	1.3440E-06 (164)	1.2986E-06 (164)	1.1722E-06 (164)	6.0312E-07 (208)	3.4545E-07 (175)
36	1.1800E-06 (210)	1.1458E-06 (208)	1.1660E-06 (208)	7.7291E-07 (33)	6.3363E-07 (341)

PLANT NAME: TECO BIG BEND POLLUTANT: TSP EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 2.6108E-06 DIRECTION= 9 DISTANCE= 5.5 KM DAY=189

YEAR= 75

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	1.2216E-06 (99)	1.1588E-06 (249)	1.1002E-06 (43)	8.5201E-07 (50)	6.2331E-07 (49)
2	2.0617E-06 (19)	2.1906E-06 (19)	2.2968E-06 (19)	9.0226E-07 (66)	5.5987E-07 (19)
3	2.0766E-06 (118)	1.9793E-06 (118)	1.7462E-06 (118)	7.1662E-07 (71)	4.3833E-07 (82)
4	2.0077E-06 (24)	1.9451E-06 (24)	1.7688E-06 (109)	7.6892E-07 (24)	4.4111E-07 (187)
5	1.9664E-06 (161)	1.8184E-06 (161)	1.6400E-06 (229)	7.5234E-07 (171)	3.8640E-07 (190)
6	1.3345E-06 (137)	1.2632E-06 (137)	1.1020E-06 (137)	5.5774E-07 (205)	3.5289E-07 (191)
7	1.8885E-06 (178)	1.7109E-06 (178)	1.4650E-06 (80)	5.3859E-07 (124)	3.8585E-07 (188)
8	2.0114E-06 (185)	1.8565E-06 (185)	1.5899E-06 (185)	6.2383E-07 (189)	3.5091E-07 (190)
9	2.6108E-06 (189)	2.5289E-06 (189)	2.3235E-06 (189)	9.2716E-07 (180)	5.4796E-07 (158)
10	1.5791E-06 (179)	1.4383E-06 (179)	1.2271E-06 (156)	6.0632E-07 (155)	3.6747E-07 (59)
11	1.3343E-06 (170)	1.3055E-06 (170)	1.1968E-06 (170)	5.6672E-07 (162)	3.2289E-07 (155)
12	9.9879E-07 (224)	1.0348E-06 (224)	1.0448E-06 (224)	6.0575E-07 (336)	3.5552E-07 (336)
13	1.5761E-06 (230)	1.5567E-06 (230)	1.4804E-06 (230)	7.1170E-07 (139)	3.9703E-07 (78)
14	1.1018E-06 (180)	1.0380E-06 (180)	9.1815E-07 (180)	4.9200E-07 (55)	4.2405E-07 (13)
15	9.7667E-07 (177)	9.0612E-07 (177)	9.8989E-07 (244)	6.9923E-07 (38)	4.9286E-07 (13)
16	1.3173E-06 (244)	1.2310E-06 (244)	1.0767E-06 (244)	7.2945E-07 (352)	4.1334E-07 (317)
17	1.3239E-06 (105)	1.2795E-06 (105)	1.1547E-06 (105)	6.3093E-07 (268)	5.6590E-07 (268)
18	1.0684E-06 (96)	1.0559E-06 (185)	1.0429E-06 (297)	8.1652E-07 (270)	7.4058E-07 (269)
19	6.5660E-07 (300)	6.5881E-07 (300)	6.3653E-07 (300)	5.0805E-07 (14)	4.1751E-07 (96)
20	1.3273E-06 (106)	1.2774E-06 (57)	1.3083E-06 (57)	9.1671E-07 (64)	5.9073E-07 (94)
21	1.7042E-06 (14)	1.6823E-06 (64)	1.5438E-06 (64)	7.6209E-07 (14)	4.9541E-07 (361)
22	1.9756E-06 (176)	1.9008E-06 (176)	1.7494E-06 (176)	6.9119E-07 (176)	4.9225E-07 (353)
23	1.4906E-06 (181)	1.4312E-06 (15)	1.4371E-06 (15)	7.9826E-07 (85)	5.4225E-07 (304)
24	1.3228E-06 (285)	1.3327E-06 (285)	1.2726E-06 (285)	7.1806E-07 (17)	4.8784E-07 (22)
25	1.8761E-06 (142)	1.8321E-06 (142)	1.6854E-06 (142)	8.7682E-07 (116)	5.9506E-07 (239)
26	2.3097E-06 (247)	2.2132E-06 (247)	1.9461E-06 (247)	8.6271E-07 (253)	4.2942E-07 (176)
27	2.5927E-06 (248)	2.4540E-06 (248)	2.4359E-06 (322)	1.2175E-06 (86)	7.6499E-07 (86)
28	1.6262E-06 (74)	1.6240E-06 (330)	1.4867E-06 (250)	1.0237E-06 (112)	6.5943E-07 (315)
29	1.5112E-06 (251)	1.4675E-06 (251)	1.3504E-06 (251)	7.9881E-07 (313)	6.3302E-07 (313)
30	2.0932E-06 (143)	2.0884E-06 (143)	2.0079E-06 (143)	9.5145E-07 (143)	7.2221E-07 (263)
31	1.6434E-06 (222)	1.7026E-06 (222)	1.6846E-06 (168)	7.2332E-07 (222)	4.8677E-07 (88)
32	1.6219E-06 (242)	1.5925E-06 (242)	1.5157E-06 (242)	6.6841E-07 (290)	3.8949E-07 (359)
33	1.6788E-06 (242)	1.6205E-06 (242)	1.4957E-06 (242)	8.4882E-07 (12)	5.9597E-07 (151)
34	1.3064E-06 (198)	1.2734E-06 (198)	1.1759E-06 (198)	7.1729E-07 (152)	6.6309E-07 (10)
35	1.2143E-06 (169)	1.1940E-06 (334)	1.1482E-06 (334)	5.7643E-07 (12)	3.9296E-07 (207)
36	1.2753E-06 (331)	1.2984E-06 (331)	1.2723E-06 (331)	9.2014E-07 (351)	6.4153E-07 (12)

COMPOSITE HIGHEST,SECOND-HIGHEST 24-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	1	1	1	1	1
2	2	2	2	1	1
3	2	2	2	1	1
4	2	2	2	1	0
5	2	2	2	1	0
6	2	2	2	1	1
7	2	2	2	1	0
8	2	2	2	1	1
9	4	4	3	2	1
10	3	2	2	1	1
11	2	2	1	1	1
12	2	2	1	1	1
13	2	2	1	1	1
14	1	1	1	1	1
15	1	1	1	1	0
16	2	2	2	1	0
17	1	1	1	1	1
18	2	2	2	1	1
19	1	1	1	1	1
20	1	1	1	1	1
21	2	2	2	1	1
22	2	2	2	1	1
23	2	2	1	1	1
24	3	3	3	1	1
25	2	2	2	1	1
26	2	2	2	1	1
27	3	2	2	1	1
28	2	2	2	2	1
29	2	2	2	1	1
30	2	2	2	1	1
31	2	2	2	1	1
32	2	2	2	1	1
33	2	2	2	1	1
34	2	2	2	1	1
35	2	1	1	1	1
36	2.	2.	1.	1.	1.

TECO

UNITS 1, 2, AND 4

PROJECTED 24-HOUR TSP

100 PERCENT LOAD

RING DISTANCES(KM)= 0.50 1.00 1.50 2.00 2.50

STACK # 1--TECO 1&2 100% 0.1#/HR TSP
STACK # 2--TECO 4 100% 0.03# TSP

STACK	MONTH	EMISSION RATE (GMS/SEC)	HEIGHT (METERS)	DIAMETER (METERS)	EXIT VELOCITY (M/SEC)	TEMP (DEG.K)	VOLUMEIRIC FLOW (M**3/SEC)
1	ALL	101.2200	149.40	7.32	28.60	422.00	1203.59
2	ALL	17.7400	149.40	7.32	20.00	342.00	841.67

PLANT NAME: TECO BIG BEND POLLUTANT: TSP EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 2.0827E-06 DIRECTION= 9 DISTANCE= 2.5 KM DAY=128

YEAR= 71

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
DIR					
1	2.0041E-12 (238)	2.6881E-07 (236)	6.2140E-07 (236)	7.2161E-07 (236)	8.8869E-07 (229)
2	1.6521E-11 (238)	3.6418E-07 (260)	1.3313E-06 (236)	1.2655E-06 (260)	1.0289E-06 (260)
3	5.7753E-11 (238)	6.9850E-07 (236)	1.4648E-06 (236)	1.2908E-06 (236)	1.1583E-06 (331)
4	1.1141E-10 (238)	3.9873E-07 (236)	7.7565E-07 (236)	6.2650E-07 (236)	7.8346E-07 (177)
5	1.1471E-10 (234)	4.0679E-07 (215)	4.0000E-07 (206)	8.4390E-07 (206)	1.1070E-06 (206)
6	5.1210E-11 (234)	4.6126E-07 (230)	8.2716E-07 (230)	1.1353E-06 (206)	1.2565E-06 (234)
7	1.2871E-11 (234)	4.0385E-07 (238)	6.8388E-07 (234)	1.2073E-06 (103)	1.2080E-06 (230)
8	4.3840E-12 (159)	6.3157E-07 (230)	1.3118E-06 (238)	1.1681E-06 (238)	1.2111E-06 (128)
9	1.0672E-11 (159)	7.7651E-07 (194)	7.5282E-07 (194)	1.3826E-06 (128)	2.0827E-06 (128)
10	8.6207E-12 (159)	5.4598E-07 (194)	5.5407E-07 (217)	8.4989E-07 (220)	1.2940E-06 (220)
11	3.2480E-12 (159)	2.9458E-07 (257)	4.0417E-07 (217)	7.8029E-07 (197)	8.8619E-07 (198)
12	7.3312E-12 (159)	1.2762E-07 (217)	5.2142E-07 (198)	1.1783E-06 (198)	1.2737E-06 (257)
13	5.4918E-12 (262)	2.9445E-07 (257)	4.8196E-07 (159)	8.9973E-07 (198)	8.2188E-07 (257)
14	2.9137E-11 (262)	1.7016E-07 (262)	3.5885E-07 (257)	4.2354E-07 (104)	7.3956E-07 (159)
15	7.2932E-11 (159)	5.9913E-07 (262)	8.4480E-07 (262)	7.0777E-07 (222)	8.7050E-07 (159)
16	4.8055E-11 (159)	6.1306E-07 (159)	7.6895E-07 (159)	5.9125E-07 (159)	9.0791E-07 (121)
17	1.7447E-11 (159)	1.8672E-07 (159)	2.0733E-07 (159)	3.2331E-07 (164)	5.7630E-07 (317)
18	3.4904E-12 (159)	2.8261E-08 (159)	1.8384E-07 (173)	3.8701E-07 (262)	5.2032E-07 (164)
19	5.6856E-13 (263)	8.4555E-08 (262)	1.2211E-07 (257)	3.1256E-07 (257)	4.8892E-07 (257)
20	1.3900E-12 (263)	1.3355E-08 (98)	1.3328E-07 (98)	2.4598E-07 (46)	4.2412E-07 (98)
21	1.9510E-13 (262)	1.3574E-08 (137)	2.0537E-07 (137)	3.1682E-07 (157)	4.7941E-07 (157)
22	5.6977E-14 (164)	3.5290E-08 (164)	2.4415E-07 (164)	3.8463E-07 (137)	6.4114E-07 (164)
23	2.9663E-13 (240)	5.1447E-08 (164)	3.2039E-07 (156)	7.7842E-07 (156)	1.0386E-06 (164)
24	2.7491E-13 (231)	2.6904E-08 (231)	2.2953E-07 (90)	6.3585E-07 (90)	1.0254E-06 (90)
25	2.9762E-12 (231)	4.0781E-08 (152)	1.3651E-07 (152)	3.7602E-07 (90)	6.1410E-07 (90)
26	1.8805E-11 (231)	1.7711E-07 (152)	2.7754E-07 (156)	5.7103E-07 (152)	5.6541E-07 (101)
27	6.5728E-11 (231)	3.8222E-07 (152)	3.3283E-07 (101)	8.8577E-07 (101)	1.1597E-06 (152)
28	1.1495E-10 (240)	4.0991E-07 (152)	5.1740E-07 (231)	7.0535E-07 (231)	1.0373E-06 (101)
29	6.3342E-11 (240)	2.1845E-07 (152)	4.3969E-07 (231)	6.6582E-07 (138)	5.7427E-07 (152)
30	1.9232E-11 (240)	5.7851E-08 (152)	2.4191E-07 (207)	5.5605E-07 (182)	8.9544E-07 (182)
31	3.2176E-12 (240)	3.7076E-08 (218)	2.1597E-07 (236)	4.6899E-07 (236)	6.0716E-07 (236)
32	2.9663E-13 (240)	1.8209E-08 (230)	2.6836E-07 (230)	6.9409E-07 (230)	9.3763E-07 (218)
33	6.5356E-14 (218)	1.3275E-08 (230)	2.1881E-07 (230)	5.6026E-07 (230)	8.0750E-07 (218)
34	5.1079E-14 (211)	3.6501E-08 (218)	2.6943E-07 (260)	6.0206E-07 (218)	8.1692E-07 (218)
35	8.9765E-14 (211)	5.7157E-08 (211)	4.3356E-07 (211)	9.6772E-07 (211)	1.3261E-06 (211)
36	2.2617E-13 (238)	6.0021E-08 (236)	3.6731E-07 (229)	8.9207E-07 (229)	1.3706E-06 (229)

PLANT NAME: TECO BIG BEND POLLUTANT: TSP EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.9252E-06 DIRECTION= 9 DISTANCE= 2.5 KM DAY=242

YEAR= 72

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	7.0128E-14 (211)	3.3685E-08 (211)	1.8381E-07 (136)	4.3380E-07 (113)	6.4661E-07 (211)
2	4.5544E-13 (241)	6.0189E-08 (241)	2.2916E-07 (110)	5.2361E-07 (111)	7.5770E-07 (110)
3	3.3727E-12 (229)	2.8033E-07 (241)	3.9126E-07 (215)	6.8290E-07 (135)	1.0610E-06 (135)
4	2.1397E-11 (229)	3.1178E-07 (215)	3.2045E-07 (206)	6.6911E-07 (195)	9.3450E-07 (150)
5	7.4800E-11 (229)	5.4898E-07 (206)	6.5679E-07 (206)	1.0460E-06 (211)	1.4435E-06 (211)
6	1.4408E-10 (229)	8.5695E-07 (238)	1.0058E-06 (238)	1.0329E-06 (211)	1.3413E-06 (261)
7	1.5294E-10 (229)	1.0218E-06 (229)	1.3010E-06 (238)	1.0950E-06 (238)	1.4242E-06 (194)
8	1.1129E-10 (207)	8.2235E-07 (222)	1.2752E-06 (249)	1.1873E-06 (216)	1.4310E-06 (195)
9	1.1808E-10 (207)	1.0058E-06 (207)	1.8747E-06 (249)	1.5715E-06 (222)	1.9252E-06 (242)
10	6.9060E-11 (207)	9.3464E-07 (150)	1.3093E-06 (189)	1.4000E-06 (183)	1.7840E-06 (242)
11	6.7557E-11 (222)	4.6200E-07 (150)	5.6069E-07 (189)	5.1095E-07 (242)	8.0135E-07 (131)
12	1.8832E-11 (222)	1.2475E-07 (222)	2.7481E-07 (222)	3.4351E-07 (222)	4.3424E-07 (143)
13	2.7307E-12 (222)	1.3984E-08 (150)	1.1763E-07 (23)	3.5659E-07 (184)	4.8330E-07 (23)
14	1.3867E-12 (247)	1.1842E-08 (289)	1.3225E-07 (289)	3.0611E-07 (282)	4.8122E-07 (289)
15	1.1852E-11 (247)	3.7503E-08 (247)	6.9423E-08 (198)	2.2730E-07 (240)	3.7353E-07 (240)
16	3.8379E-12 (184)	2.9321E-08 (263)	1.9541E-07 (247)	1.9580E-07 (240)	3.1928E-07 (240)
17	2.3662E-11 (189)	8.4518E-08 (189)	3.8605E-07 (263)	4.3948E-07 (247)	3.7523E-07 (247)
18	8.7822E-11 (189)	3.9501E-07 (189)	3.6271E-07 (189)	6.6275E-07 (263)	7.4041E-07 (247)
19	1.6317E-10 (247)	8.1367E-07 (247)	8.0160E-07 (247)	5.6293E-07 (247)	7.7850E-07 (252)
20	1.3549E-10 (163)	7.5649E-07 (163)	9.4930E-07 (163)	7.3637E-07 (163)	9.9918E-07 (252)
21	1.2933E-10 (189)	1.0731E-06 (163)	1.3958E-06 (163)	1.1145E-06 (163)	9.1781E-07 (163)
22	4.8708E-11 (189)	7.5649E-07 (163)	9.4990E-07 (163)	7.4448E-07 (163)	6.1204E-07 (163)
23	2.1397E-11 (248)	6.5427E-07 (189)	1.0989E-06 (189)	1.0415E-06 (186)	9.5433E-07 (189)
24	1.2491E-11 (163)	9.3397E-07 (247)	1.3620E-06 (247)	9.3881E-07 (247)	1.1530E-06 (158)
25	8.7220E-12 (247)	9.3782E-07 (248)	1.5995E-06 (186)	1.2331E-06 (186)	1.0880E-06 (156)
26	7.7338E-12 (247)	1.0057E-06 (248)	1.4719E-06 (156)	1.2971E-06 (156)	1.1932E-06 (156)
27	3.8795E-12 (247)	5.3601E-07 (248)	7.9444E-07 (156)	6.7344E-07 (156)	7.0360E-07 (339)
28	1.0962E-12 (247)	1.4260E-07 (248)	2.5521E-07 (186)	4.7582E-07 (154)	7.1489E-07 (339)
29	1.7382E-13 (247)	3.0992E-08 (186)	2.2877E-07 (186)	4.9508E-07 (186)	6.7289E-07 (186)
30	6.1312E-14 (212)	6.5875E-08 (248)	2.1118E-07 (241)	3.3716E-07 (228)	6.6441E-07 (228)
31	1.3354E-13 (212)	1.0195E-07 (163)	2.0213E-07 (223)	4.7134E-07 (196)	7.5676E-07 (196)
32	9.5661E-14 (212)	2.8040E-08 (196)	2.2453E-07 (196)	4.1152E-07 (212)	6.8339E-07 (307)
33	2.2536E-14 (212)	2.7077E-08 (196)	2.1658E-07 (196)	4.8296E-07 (196)	6.6901E-07 (196)
34	1.9873E-13 (215)	1.5555E-08 (186)	1.1513E-07 (223)	2.5478E-07 (240)	4.1756E-07 (240)
35	2.5788E-13 (248)	9.3251E-09 (136)	9.5268E-08 (262)	2.4561E-07 (238)	4.1106E-07 (213)
36	5.4716E-14 (136)	2.9628E-08 (136)	1.2339E-07 (315)	3.3296E-07 (315)	5.8212E-07 (64)

PLANT NAME: TECO BIG BEND POLLUTANT: TSP EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 2.2277E-06 DIRECTION= 6 DISTANCE= 1.5 KM DAY=222

YEAR= 73

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	2.5692E-11 (236)	5.5039E-07 (163)	9.0821E-07 (199)	7.0302E-07 (199)	7.7373E-07 (160)
2	6.6670E-11 (236)	6.8372E-07 (236)	9.7082E-07 (236)	9.7904E-07 (199)	8.0556E-07 (199)
3	9.5330E-11 (236)	7.0739E-07 (199)	1.1765E-06 (173)	1.2231E-06 (236)	1.1850E-06 (215)
4	7.2194E-11 (192)	9.8118E-07 (222)	1.8765E-06 (173)	1.5721E-06 (173)	1.3977E-06 (173)
5	9.7288E-11 (222)	1.5612E-06 (222)	1.9840E-06 (222)	1.8321E-06 (192)	1.8935E-06 (192)
6	1.2348E-10 (222)	1.5314E-06 (182)	2.2277E-06 (222)	1.7260E-06 (222)	1.5398E-06 (209)
7	8.6394E-11 (222)	1.0053E-06 (222)	1.3863E-06 (222)	1.4173E-06 (187)	1.8780E-06 (187)
8	3.3384E-11 (222)	3.5095E-07 (222)	6.2595E-07 (222)	1.2663E-06 (185)	1.6489E-06 (185)
9	9.6454E-12 (259)	8.1119E-08 (222)	5.5783E-07 (132)	1.3706E-06 (132)	1.8253E-06 (152)
10	1.4204E-11 (218)	3.9239E-07 (259)	5.8166E-07 (259)	9.4591E-07 (132)	1.3836E-06 (140)
11	2.3939E-12 (218)	1.1275E-07 (218)	3.4887E-07 (208)	8.0762E-07 (208)	1.0767E-06 (169)
12	1.4722E-12 (235)	3.2280E-08 (143)	2.1133E-07 (143)	4.3852E-07 (143)	7.5958E-07 (100)
13	1.0522E-11 (235)	4.2069E-08 (235)	1.1543E-07 (103)	3.3298E-07 (103)	5.7767E-07 (103)
14	4.1440E-11 (235)	2.0694E-07 (235)	2.1535E-07 (119)	4.3706E-07 (197)	5.9475E-07 (197)
15	1.6898E-11 (131)	5.1355E-07 (235)	3.8337E-07 (235)	3.7606E-07 (118)	6.0853E-07 (119)
16	5.5656E-11 (131)	6.3342E-07 (235)	4.8313E-07 (235)	4.7428E-07 (95)	7.1483E-07 (95)
17	1.0100E-10 (131)	6.4243E-07 (238)	6.5549E-07 (238)	4.8168E-07 (238)	5.4088E-07 (95)
18	1.0100E-10 (131)	9.3884E-07 (119)	1.1245E-06 (238)	8.5993E-07 (238)	7.9918E-07 (221)
19	5.5656E-11 (131)	2.9645E-07 (119)	4.5820E-07 (233)	5.3975E-07 (233)	6.3026E-07 (233)
20	3.7873E-11 (221)	3.4237E-07 (238)	3.3489E-07 (221)	6.6302E-07 (183)	9.8637E-07 (183)
21	6.2455E-11 (191)	6.9893E-07 (221)	1.0221E-06 (221)	9.3687E-07 (221)	1.3383E-06 (183)
22	1.4053E-10 (221)	1.0649E-06 (221)	1.6087E-06 (221)	1.4799E-06 (221)	1.4006E-06 (221)
23	1.1073E-10 (221)	8.2731E-07 (221)	1.4159E-06 (221)	1.6367E-06 (221)	1.8425E-06 (221)
24	4.8079E-11 (221)	3.2669E-07 (221)	6.5604E-07 (221)	9.4064E-07 (221)	1.1741E-06 (221)
25	2.9244E-11 (232)	4.8779E-07 (260)	1.0671E-06 (191)	1.0118E-06 (191)	1.2377E-06 (260)
26	2.9688E-11 (191)	4.2692E-07 (232)	3.2777E-07 (154)	7.8080E-07 (154)	1.1706E-06 (154)
27	4.2925E-12 (191)	6.4169E-07 (260)	5.4830E-07 (232)	7.7690E-07 (158)	1.1042E-06 (154)
28	1.8398E-12 (260)	2.5801E-07 (260)	4.8717E-07 (232)	8.5078E-07 (239)	1.2105E-06 (239)
29	4.4978E-12 (233)	5.1527E-08 (260)	2.6296E-07 (238)	7.0872E-07 (238)	1.1693E-06 (238)
30	8.8792E-12 (232)	3.5494E-08 (232)	2.0140E-07 (171)	4.9545E-07 (171)	7.8906E-07 (202)
31	1.1704E-12 (232)	1.0897E-07 (261)	3.3745E-07 (171)	4.4905E-07 (217)	5.7051E-07 (217)
32	1.3998E-12 (261)	4.4127E-07 (261)	8.9557E-07 (261)	9.9502E-07 (224)	1.3802E-06 (224)
33	2.5403E-12 (261)	8.8800E-07 (261)	1.1161E-06 (233)	1.1467E-06 (224)	1.5615E-06 (224)
34	2.5403E-12 (261)	4.3091E-07 (233)	4.7796E-07 (233)	8.3921E-07 (217)	1.1759E-06 (217)
35	1.6946E-11 (199)	4.4127E-07 (261)	8.9557E-07 (261)	6.6305E-07 (261)	8.9618E-07 (177)
36	5.4555E-12 (236)	3.0564E-07 (199)	4.2901E-07 (160)	8.9661E-07 (160)	1.1593E-06 (160)

PLANT NAME: TECO BIG BEND POLLUTANT: TSP EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.8949E-06 DIRECTION= 27 DISTANCE= 1.5 KM DAY=180

YEAR= 74

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	7.9096E-11 (237)	4.2930E-07 (161)	3.9811E-07 (161)	7.8641E-07 (242)	9.4238E-07 (221)
2	2.0084E-11 (237)	2.6313E-07 (161)	3.6125E-07 (207)	8.1514E-07 (207)	7.7250E-07 (221)
3	3.3278E-11 (199)	2.2384E-07 (199)	4.2614E-07 (152)	8.0891E-07 (207)	1.0561E-06 (152)
4	2.0791E-11 (221)	3.5309E-07 (200)	7.1661E-07 (199)	5.8659E-07 (152)	1.0210E-06 (229)
5	3.0876E-12 (221)	7.6534E-07 (200)	1.1381E-06 (199)	9.9067E-07 (158)	1.2588E-06 (200)
6	1.4192E-11 (156)	7.8814E-07 (199)	8.3611E-07 (199)	1.0326E-06 (151)	1.4800E-06 (151)
7	4.2237E-11 (199)	3.8981E-07 (156)	5.0851E-07 (156)	1.0196E-06 (190)	1.2567E-06 (197)
8	1.0104E-11 (199)	4.6039E-07 (109)	8.5976E-07 (109)	8.4604E-07 (197)	1.2200E-06 (148)
9	2.7235E-12 (223)	7.0041E-07 (109)	1.3166E-06 (156)	1.1206E-06 (156)	1.4222E-06 (173)
10	5.2445E-12 (223)	5.2950E-07 (109)	1.0031E-06 (109)	8.8958E-07 (156)	1.2707E-06 (173)
11	5.5663E-12 (223)	4.1163E-07 (223)	3.6529E-07 (223)	5.2401E-07 (200)	8.8655E-07 (167)
12	4.3358E-12 (211)	2.1994E-07 (223)	2.2563E-07 (167)	6.0892E-07 (167)	1.0227E-06 (167)
13	1.0491E-12 (223)	5.8175E-08 (223)	1.9263E-07 (237)	4.1596E-07 (237)	5.7325E-07 (167)
14	2.7567E-13 (234)	2.9850E-08 (234)	6.2873E-08 (237)	1.9343E-07 (99)	4.2163E-07 (99)
15	1.2982E-12 (234)	1.8389E-07 (234)	3.5929E-07 (234)	2.6473E-07 (265)	3.0573E-07 (96)
16	3.9955E-13 (211)	3.5092E-08 (211)	1.5748E-07 (282)	4.1719E-07 (282)	6.9717E-07 (338)
17	5.8311E-13 (243)	3.4647E-08 (243)	1.2376E-07 (282)	3.3641E-07 (282)	5.8686E-07 (338)
18	3.4725E-12 (196)	1.9904E-07 (243)	3.0140E-07 (243)	4.5794E-07 (108)	7.0987E-07 (108)
19	6.3252E-12 (243)	2.4325E-07 (234)	4.8907E-07 (234)	3.6445E-07 (108)	5.2890E-07 (108)
20	9.1521E-12 (233)	5.2303E-07 (196)	5.1487E-07 (196)	4.2273E-07 (114)	7.2037E-07 (282)
21	4.3101E-11 (233)	5.6819E-07 (243)	9.5804E-07 (243)	7.5305E-07 (196)	7.7397E-07 (264)
22	9.7747E-11 (196)	9.1515E-07 (196)	9.5404E-07 (196)	6.9321E-07 (196)	8.5778E-07 (171)
23	5.2344E-11 (204)	9.9920E-07 (190)	1.6107E-06 (190)	1.2549E-06 (190)	1.1217E-06 (171)
24	1.0702E-10 (204)	9.9920E-07 (190)	1.5046E-06 (233)	1.1754E-06 (233)	1.0265E-06 (190)
25	5.4704E-11 (233)	4.9653E-07 (190)	7.7034E-07 (260)	7.8823E-07 (110)	1.1658E-06 (305)
26	7.4800E-11 (172)	8.0339E-07 (204)	1.2390E-06 (180)	1.2841E-06 (110)	1.3594E-06 (305)
27	1.3083E-10 (227)	1.1322E-06 (180)	1.8949E-06 (180)	1.5321E-06 (260)	1.6319E-06 (110)
28	1.3083E-10 (227)	1.0116E-06 (172)	1.8522E-06 (227)	1.4588E-06 (227)	1.3912E-06 (172)
29	8.2070E-11 (240)	6.4681E-07 (227)	1.1386E-06 (243)	8.7305E-07 (243)	9.5950E-07 (240)
30	9.0009E-11 (159)	6.4217E-07 (240)	8.7315E-07 (164)	8.1819E-07 (240)	9.1647E-07 (240)
31	1.4893E-10 (240)	7.0424E-07 (243)	8.4128E-07 (159)	9.1151E-07 (237)	1.2314E-06 (237)
32	1.1949E-10 (221)	8.3514E-07 (221)	1.0754E-06 (159)	1.0241E-06 (97)	9.4594E-07 (234)
33	1.5410E-10 (159)	9.4200E-07 (97)	1.2549E-06 (97)	1.2994E-06 (97)	1.4253E-06 (97)
34	1.2618E-10 (221)	6.5310E-07 (237)	6.9993E-07 (237)	1.1628E-06 (159)	1.1132E-06 (221)
35	8.6434E-11 (221)	4.5807E-07 (221)	6.7709E-07 (221)	9.4270E-07 (237)	1.0395E-06 (242)
36	1.2129E-10 (221)	6.5136E-07 (221)	8.9484E-07 (221)	7.4210E-07 (221)	7.5723E-07 (144)

PLANT NAME: TECO BIG BEND POLLUTANT: TSP EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAX3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.7226E-06 DIRECTION= 1 DISTANCE= 1.5 KM DAY=162

YEAR= 75

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	1.5293E-10 (162)	1.1290E-06 (162)	1.7226E-06 (162)	1.3422E-06 (162)	1.1995E-06 (120)
2	1.0753E-10 (126)	1.0299E-06 (126)	1.4590E-06 (126)	1.1604E-06 (126)	9.8711E-07 (218)
3	9.1943E-11 (171)	8.6091E-07 (179)	1.0035E-06 (17.)	9.0521E-07 (126)	1.0213E-06 (135)
4	1.2386E-10 (171)	1.0339E-06 (145)	1.1652E-06 (179)	1.0141E-06 (145)	1.2587E-06 (161)
5	9.7139E-11 (145)	6.0458E-07 (145)	7.4175E-07 (145)	1.0605E-06 (171)	1.2183E-06 (132)
6	1.2062E-10 (181)	4.6866E-07 (185)	9.2893E-07 (185)	8.9027E-07 (146)	1.0244E-06 (176)
7	6.5745E-11 (181)	7.8035E-07 (185)	1.7055E-06 (176)	1.4353E-06 (176)	1.6404E-06 (178)
8	2.9137E-11 (243)	5.8921E-07 (176)	9.2141E-07 (176)	1.1455E-06 (115)	1.4622E-06 (115)
9	2.8825E-11 (176)	2.5790E-07 (185)	4.5990E-07 (227)	1.0981E-06 (179)	1.6960E-06 (179)
10	1.8594E-11 (97)	4.5429E-07 (206)	4.6485E-07 (206)	9.0586E-07 (166)	1.3332E-06 (166)
11	3.7990E-11 (97)	4.8482E-07 (243)	4.0864E-07 (206)	6.2835E-07 (166)	9.1908E-07 (177)
12	4.2797E-11 (97)	2.2081E-07 (206)	2.5980E-07 (226)	6.5058E-07 (226)	7.4223E-07 (97)
13	2.0567E-11 (97)	3.3721E-07 (177)	4.1186E-07 (177)	5.2045E-07 (230)	7.9639E-07 (230)
14	9.0876E-12 (97)	1.5442E-07 (97)	1.9387E-07 (180)	4.6365E-07 (180)	7.0941E-07 (244)
15	2.0942E-12 (144)	3.9269E-07 (144)	6.8951E-07 (144)	5.4493E-07 (144)	6.6283E-07 (244)
16	4.0065E-12 (144)	7.3687E-07 (144)	1.3800E-06 (144)	1.1481E-06 (144)	9.4133E-07 (144)
17	4.3400E-12 (144)	4.4399E-07 (177)	5.2586E-07 (177)	6.3657E-07 (95)	8.6237E-07 (144)
18	2.2531E-12 (144)	1.4991E-07 (143)	3.5336E-07 (143)	4.2508E-07 (144)	4.8597E-07 (95)
19	2.2880E-12 (176)	2.4470E-07 (181)	1.9296E-07 (181)	3.0448E-07 (94)	4.6816E-07 (94)
20	4.3401E-12 (181)	5.2824E-07 (181)	4.5140E-07 (181)	6.1632E-07 (106)	9.2042E-07 (106)
21	4.6079E-12 (181)	6.1764E-07 (143)	8.7214E-07 (176)	8.0307E-07 (176)	8.5819E-07 (143)
22	2.6998E-12 (181)	3.1706E-07 (181)	5.1752E-07 (143)	5.4335E-07 (143)	8.4316E-07 (141)
23	8.8496E-13 (116)	1.6190E-07 (116)	3.1010E-07 (116)	5.8105E-07 (181)	9.1413E-07 (181)
24	3.0224E-12 (116)	6.6598E-07 (116)	9.9920E-07 (176)	9.0274E-07 (236)	8.0782E-07 (116)
25	5.6929E-12 (116)	2.1002E-07 (176)	3.5548E-07 (250)	7.6183E-07 (250)	1.0349E-06 (250)
26	5.9135E-12 (116)	6.9095E-08 (217)	4.0215E-07 (247)	9.7305E-07 (247)	1.4821E-06 (247)
27	1.2491E-11 (219)	3.4521E-07 (217)	4.8683E-07 (247)	1.1345E-06 (248)	1.6817E-06 (248)
28	5.5420E-11 (219)	2.6563E-07 (219)	5.3767E-07 (184)	8.2576E-07 (248)	1.1816E-06 (248)
29	1.3549E-10 (219)	7.5820E-07 (219)	1.0027E-06 (219)	8.2418E-07 (219)	1.0126E-06 (250)
30	1.1894E-10 (217)	7.7396E-07 (143)	1.3231E-06 (143)	1.3556E-06 (219)	1.3604E-06 (219)
31	9.1931E-11 (242)	7.5848E-07 (219)	1.1138E-06 (143)	9.5052E-07 (143)	8.5077E-07 (114)
32	5.5420E-11 (219)	2.9645E-07 (143)	5.1332E-07 (143)	6.2180E-07 (114)	8.9340E-07 (258)
33	1.2491E-11 (219)	4.6742E-07 (205)	5.2422E-07 (205)	8.2596E-07 (114)	1.1426E-06 (114)
34	2.1397E-11 (162)	3.4012E-07 (242)	4.6893E-07 (242)	6.4017E-07 (260)	9.3830E-07 (260)
35	4.3147E-11 (218)	3.1088E-07 (205)	3.5832E-07 (205)	4.9695E-07 (162)	7.5486E-07 (114)
36	1.1884E-10 (218)	8.7415E-07 (218)	1.1706E-06 (218)	8.7645E-07 (218)	8.1116E-07 (120)

COMPOSITE HIGHEST,SECOND-HIGHEST 24-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	0.	1.	2.	1.	1.
2	0.	1.	1.	1.	1.
3	0.	1.	1.	1.	1.
4	0.	1.	2.	2.	1.
5	0.	2.	2.	2.	2.
6	0.	2.	2.	2.	2.
7	0.	1.	2.	1.	2.
8	0.	1.	1.	1.	2.
9	0.	1.	2.	2.	2.
10	0.	1.	1.	1.	2.
11	0.	0.	1.	1.	1.
12	0.	0.	1.	1.	1.
13	0.	0.	0.	1.	1.
14	0.	0.	0.	0.	1.
15	0.	1.	1.	1.	1.
16	0.	1.	1.	1.	1.
17	0.	1.	1.	1.	1.
18	0.	1.	1.	1.	1.
19	0.	1.	1.	1.	1.
20	0.	1.	1.	1.	1.
21	0.	1.	1.	1.	1.
22	0.	1.	2.	1.	1.
23	0.	1.	2.	2.	2.
24	0.	1.	2.	1.	1.
25	0.	1.	2.	1.	1.
26	0.	1.	1.	1.	1.
27	0.	1.	2.	2.	2.
28	0.	1.	2.	1.	1.
29	0.	1.	1.	1.	1.
30	0.	1.	1.	1.	1.
31	0.	1.	1.	1.	1.
32	0.	1.	1.	1.	1.
33	0.	1.	1.	1.	2.
34	0.	1.	1.	1.	1.
35	0.	0.	1.	1.	1.
36	0.	1.	1.	1.	1.

RING DISTANCES(KM)= 3.00 3.50 4.00 4.50 5.00

STACK # 1--TECO 1&2 100% 0.1# ~~Ambie~~ MMBtu TSP
STACK # 2--TECO 4 100% 0.03# TSP

STACK	MONTH	EMISSION RATE (GMS/SEC)	HEIGHT (METERS)	DIAMETER (METERS)	EXIT VELOCITY (M/SEC)	TEMP (DEG.K)	VOLUMETRIC FLOW (M**3/SEC)
1	ALL	101.2200	149.40	7.32	28.60	422.00	1203.59
2	ALL	17.7400	149.40	7.32	20.00	342.00	841.67

PLANT NAME: TECO BIG BEND POLLUTANT: TSP EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 2.5638E-06 DIRECTION= 9 DISTANCE= 3.5 KM DAY=220

YEAR= 71

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	1.0665E-06 (229)	1.1513E-06 (229)	1.0834E-06 (260)	9.8189E-07 (260)	8.9553E-07 (260)
2	1.1516E-06 (113)	1.3215E-06 (236)	1.2679E-06 (236)	1.2826E-06 (331)	1.3223E-06 (331)
3	1.3329E-06 (234)	1.2449E-06 (234)	1.2459E-06 (205)	1.2541E-06 (205)	1.2309E-06 (205)
4	9.1656E-07 (205)	1.0777E-06 (205)	1.1674E-06 (205)	1.2098E-06 (205)	1.2219E-06 (205)
5	1.1528E-06 (200)	1.1814E-06 (288)	1.1716E-06 (288)	1.1293E-06 (288)	1.0718E-06 (288)
6	1.1893E-06 (200)	1.2518E-06 (159)	1.3147E-06 (159)	1.2800E-06 (206)	1.1353E-06 (206)
7	1.2954E-06 (207)	1.3515E-06 (207)	1.3353E-06 (207)	1.2848E-06 (207)	1.1901E-06 (224)
8	1.3844E-06 (128)	1.4063E-06 (128)	1.3452E-06 (128)	1.3126E-06 (139)	1.2690E-06 (257)
9	2.4227E-06 (220)	2.5638E-06 (220)	2.5310E-06 (220)	2.4124E-06 (220)	2.2599E-06 (220)
10	1.5117E-06 (204)	1.6683E-06 (220)	1.6764E-06 (220)	1.6287E-06 (220)	1.6535E-06 (161)
11	9.3684E-07 (198)	9.2192E-07 (196)	1.0571E-06 (196)	1.1277E-06 (196)	1.1489E-06 (196)
12	1.0867E-06 (257)	1.1311E-06 (136)	1.3565E-06 (136)	1.5005E-06 (136)	1.4402E-06 (198)
13	8.1518E-07 (141)	9.3791E-07 (141)	9.8361E-07 (141)	9.8052E-07 (141)	9.7080E-07 (123)
14	6.4726E-07 (159)	7.2657E-07 (222)	8.0115E-07 (222)	8.3805E-07 (222)	8.4585E-07 (222)
15	7.7596E-07 (121)	8.5471E-07 (121)	8.7752E-07 (121)	8.6794E-07 (121)	9.0751E-07 (221)
16	8.6293E-07 (262)	8.2093E-07 (169)	8.4791E-07 (169)	8.5239E-07 (124)	8.8964E-07 (124)
17	7.1781E-07 (262)	6.3016E-07 (99)	6.3732E-07 (99)	6.4448E-07 (169)	6.4935E-07 (169)
18	6.7196E-07 (99)	7.8711E-07 (99)	8.3236E-07 (99)	8.3341E-07 (99)	8.1077E-07 (99)
19	5.6416E-07 (99)	5.8895E-07 (257)	5.7588E-07 (221)	5.9792E-07 (316)	6.4673E-07 (316)
20	4.4872E-07 (98)	5.8586E-07 (99)	6.8248E-07 (46)	6.7460E-07 (46)	6.4679E-07 (46)
21	6.1341E-07 (41)	7.6239E-07 (41)	8.5239E-07 (311)	9.3584E-07 (311)	9.7453E-07 (311)
22	7.3542E-07 (137)	7.6188E-07 (137)	7.8157E-07 (68)	7.7387E-07 (68)	7.5338E-07 (68)
23	1.1070E-06 (68)	1.2033E-06 (68)	1.3232E-06 (270)	1.2474E-06 (156)	1.1240E-06 (156)
24	1.3233E-06 (90)	1.5109E-06 (90)	1.5965E-06 (90)	1.5619E-06 (156)	1.4649E-06 (156)
25	8.0858E-07 (90)	9.4591E-07 (90)	1.0243E-06 (90)	1.0531E-06 (90)	1.0752E-06 (285)
26	6.9753E-07 (101)	7.5712E-07 (101)	8.7434E-07 (267)	9.7247E-07 (267)	1.0233E-06 (267)
27	1.1225E-06 (190)	1.4070E-06 (190)	1.5981E-06 (190)	1.7072E-06 (190)	1.7542E-06 (190)
28	1.0744E-06 (152)	1.0320E-06 (231)	1.1440E-06 (248)	1.2287E-06 (248)	1.2581E-06 (248)
29	6.9353E-07 (305)	9.3064E-07 (247)	1.0289E-06 (138)	1.1390E-06 (214)	1.2167E-06 (214)
30	1.1237E-06 (182)	1.2349E-06 (182)	1.2653E-06 (182)	1.2463E-06 (182)	1.2019E-06 (210)
31	6.8735E-07 (182)	8.1360E-07 (143)	8.8209E-07 (250)	9.1293E-07 (143)	8.9832E-07 (143)
32	1.1472E-06 (2)	1.3871E-06 (2)	1.4940E-06 (2)	1.5067E-06 (2)	1.4640E-06 (2)
33	9.2197E-07 (91)	1.2068E-06 (91)	1.3301E-06 (230)	1.3070E-06 (230)	1.3266E-06 (363)
34	9.2992E-07 (187)	1.2205E-06 (187)	1.4152E-06 (187)	1.5182E-06 (187)	1.5510E-06 (187)
35	1.4512E-06 (211)	1.4349E-06 (211)	1.3517E-06 (211)	1.2434E-06 (211)	1.1656E-06 (229)
36	1.6772E-06 (229)	1.6604E-06 (260)	1.5791E-06 (260)	1.4807E-06 (260)	1.3794E-06 (260)

PLANT NAME: TECO BIG BEND POLLUTANT: TSP EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAX3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 2.6823E-06 DIRECTION= 9 DISTANCE= 5.0 KM DAY=207

YEAR= 72

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	7.7865E-07 (25)	9.2305E-07 (107)	1.0506E-06 (107)	1.1248E-06 (107)	1.1460E-06 (107)
2	8.6187E-07 (110)	1.0577E-06 (57)	1.2611E-06 (57)	1.3825E-06 (57)	1.4371E-06 (57)
3	1.2174E-06 (110)	1.2108E-06 (110)	1.1646E-06 (149)	1.2256E-06 (105)	1.2350E-06 (105)
4	1.1131E-06 (150)	1.1420E-06 (150)	1.0856E-06 (150)	1.0626E-06 (136)	1.0361E-06 (136)
5	1.6112E-06 (211)	1.6612E-06 (211)	1.6645E-06 (211)	1.6458E-06 (211)	1.6123E-06 (211)
6	1.5292E-06 (211)	1.5545E-06 (210)	1.6142E-06 (210)	1.5655E-06 (261)	1.4828E-06 (261)
7	1.5907E-06 (194)	1.6027E-06 (194)	1.6072E-06 (309)	1.6026E-06 (309)	1.5620E-06 (309)
8	1.4944E-06 (195)	1.5011E-06 (220)	1.5509E-06 (220)	1.5354E-06 (220)	1.4871E-06 (220)
9	2.4281E-06 (183)	2.5702E-06 (124)	2.6005E-06 (124)	2.6514E-06 (207)	2.6823E-06 (207)
10	2.0701E-06 (242)	2.1421E-06 (242)	2.1072E-06 (242)	2.0271E-06 (242)	1.9308E-06 (242)
11	1.0126E-06 (131)	1.1004E-06 (131)	1.1994E-06 (131)	1.2069E-06 (131)	1.1799E-06 (131)
12	5.2952E-07 (146)	6.4713E-07 (231)	7.6331E-07 (231)	7.7267E-07 (143)	7.6963E-07 (245)
13	5.7212E-07 (23)	6.2496E-07 (116)	6.6406E-07 (116)	6.6813E-07 (116)	6.7473E-07 (185)
14	5.6012E-07 (362)	6.2916E-07 (362)	7.1193E-07 (249)	7.0870E-07 (282)	6.7639E-07 (282)
15	4.6976E-07 (240)	5.0822E-07 (146)	5.9387E-07 (146)	6.4153E-07 (146)	6.5981E-07 (146)
16	4.0660E-07 (93)	4.5293E-07 (93)	4.6609E-07 (93)	5.2521E-07 (260)	5.7015E-07 (322)
17	3.5614E-07 (283)	3.9033E-07 (260)	4.4377E-07 (260)	4.7304E-07 (260)	5.3548E-07 (326)
18	7.5424E-07 (247)	7.7902E-07 (247)	7.8911E-07 (247)	7.7809E-07 (247)	7.5029E-07 (247)
19	8.5159E-07 (189)	8.3693E-07 (189)	7.9892E-07 (189)	7.4675E-07 (252)	6.6350E-07 (252)
20	1.1031E-06 (189)	1.0574E-06 (189)	9.8678E-07 (189)	9.0768E-07 (189)	9.0510E-07 (252)
21	1.1182E-06 (252)	1.2318E-06 (189)	1.1510E-06 (189)	1.0597E-06 (189)	9.7132E-07 (189)
22	6.9284E-07 (265)	7.4359E-07 (252)	7.7246E-07 (252)	7.8638E-07 (191)	8.2275E-07 (191)
23	9.5017E-07 (156)	9.5732E-07 (156)	9.4039E-07 (266)	9.7037E-07 (266)	9.6006E-07 (266)
24	1.2027E-06 (186)	1.0531E-06 (186)	9.8996E-07 (156)	1.0319E-06 (52)	1.1125E-06 (288)
25	1.1855E-06 (80)	1.2776E-06 (247)	1.2648E-06 (265)	1.2945E-06 (157)	1.2960E-06 (157)
26	1.4083E-06 (257)	1.5424E-06 (247)	1.7245E-06 (265)	1.8278E-06 (265)	1.8661E-06 (265)
27	9.6491E-07 (339)	1.1138E-06 (339)	1.1746E-06 (339)	1.1792E-06 (339)	1.1878E-06 (254)
28	9.6457E-07 (230)	1.1320E-06 (339)	1.2212E-06 (339)	1.2595E-06 (339)	1.2635E-06 (339)
29	8.0184E-07 (228)	1.0727E-06 (101)	1.0961E-06 (27)	1.0698E-06 (230)	1.1014E-06 (230)
30	9.4366E-07 (228)	1.0984E-06 (228)	1.1040E-06 (241)	1.1300E-06 (228)	1.0806E-06 (228)
31	9.6390E-07 (212)	1.0913E-06 (241)	1.1631E-06 (196)	1.1696E-06 (196)	1.1501E-06 (241)
32	8.1966E-07 (196)	9.8103E-07 (61)	1.1364E-06 (61)	1.2097E-06 (307)	1.2424E-06 (61)
33	7.5622E-07 (298)	9.1800E-07 (1)	1.1486E-06 (1)	1.2854E-06 (229)	1.2643E-06 (12)
34	5.4610E-07 (211)	7.2262E-07 (211)	8.5244E-07 (211)	8.9576E-07 (54)	8.8849E-07 (54)
35	5.7219E-07 (238)	6.6989E-07 (238)	7.1468E-07 (238)	7.1948E-07 (238)	7.2023E-07 (213)
36	7.7318E-07 (64)	8.7436E-07 (136)	8.9286E-07 (136)	8.8995E-07 (136)	8.7410E-07 (136)

PLANT NAME: TECO BIG BEND POLLUTANT: TSP EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 2.3008E-06 DIRECTION= 9 DISTANCE= 3.5 KM DAY=152

YEAR= 73

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	7.6524E-07 (160)	8.3581E-07 (149)	8.8346E-07 (149)	8.8379E-07 (149)	8.9196E-07 (193)
2	1.0303E-06 (147)	1.1368E-06 (147)	1.1552E-06 (147)	1.1237E-06 (147)	1.0991E-06 (71)
3	1.2985E-06 (215)	1.2829E-06 (215)	1.2130E-06 (215)	1.1276E-06 (215)	1.0982E-06 (123)
4	1.3846E-06 (313)	1.4402E-06 (182)	1.3141E-06 (182)	1.2022E-06 (182)	1.1511E-06 (173)
5	1.9478E-06 (192)	1.9608E-06 (192)	1.9278E-06 (192)	1.8594E-06 (192)	1.7698E-06 (192)
6	1.8053E-06 (209)	1.8628E-06 (182)	1.6584E-06 (182)	1.6066E-06 (186)	1.5745E-06 (186)
7	1.8792E-06 (185)	1.9085E-06 (185)	1.8113E-06 (216)	1.7241E-06 (216)	1.6346E-06 (216)
8	1.7931E-06 (187)	1.8329E-06 (187)	1.8057E-06 (236)	1.6735E-06 (236)	1.6009E-06 (253)
9	2.1715E-06 (152)	2.3008E-06 (152)	2.2810E-06 (152)	2.1726E-06 (132)	2.0405E-06 (152)
10	1.5126E-06 (140)	1.5051E-06 (140)	1.5897E-06 (196)	1.6206E-06 (196)	1.5912E-06 (196)
11	1.2052E-06 (169)	1.2207E-06 (169)	1.1885E-06 (169)	1.1692E-06 (208)	1.0931E-06 (169)
12	1.0477E-06 (100)	1.0059E-06 (259)	9.5733E-07 (135)	9.5455E-07 (124)	9.7380E-07 (124)
13	7.2578E-07 (259)	6.2322E-07 (259)	5.4759E-07 (135)	5.4200E-07 (124)	5.5180E-07 (124)
14	6.8793E-07 (103)	7.3773E-07 (118)	8.2449E-07 (169)	8.6520E-07 (169)	8.6873E-07 (169)
15	5.8766E-07 (103)	6.3135E-07 (103)	6.2745E-07 (30)	6.3450E-07 (47)	6.8926E-07 (47)
16	8.5760E-07 (95)	9.2386E-07 (95)	9.4093E-07 (95)	8.9716E-07 (119)	8.1404E-07 (119)
17	6.6091E-07 (95)	7.2910E-07 (95)	7.6374E-07 (53)	8.0358E-07 (53)	8.1982E-07 (53)
18	8.1481E-07 (103)	1.0034E-06 (103)	1.1283E-06 (103)	1.1318E-06 (221)	1.2076E-06 (14)
19	7.1906E-07 (305)	8.1373E-07 (305)	8.7139E-07 (305)	9.0568E-07 (305)	9.1337E-07 (103)
20	1.1047E-06 (183)	1.1609E-06 (183)	1.0976E-06 (183)	1.0307E-06 (305)	1.0038E-06 (305)
21	1.0223E-06 (183)	1.7132E-06 (183)	1.6794E-06 (183)	1.5822E-06 (183)	1.4609E-06 (183)
22	1.3463E-06 (191)	1.3222E-06 (191)	1.2878E-06 (78)	1.2823E-06 (78)	1.2420E-06 (78)
23	1.9329E-06 (221)	1.9157E-06 (221)	1.8247E-06 (191)	1.7000E-06 (191)	1.5785E-06 (191)
24	1.2787E-06 (221)	1.2794E-06 (221)	1.2659E-06 (183)	1.3612E-06 (183)	1.4157E-06 (240)
25	1.3828E-06 (260)	1.5140E-06 (260)	1.6175E-06 (260)	1.6878E-06 (260)	1.7250E-06 (260)
26	1.3779E-06 (154)	1.4757E-06 (240)	1.5249E-06 (240)	1.5123E-06 (240)	1.4642E-06 (240)
27	1.1996E-06 (260)	1.1545E-06 (158)	1.2465E-06 (287)	1.2713E-06 (154)	1.1784E-06 (154)
28	1.3475E-06 (239)	1.3351E-06 (239)	1.2528E-06 (239)	1.1791E-06 (286)	1.2221E-06 (286)
29	1.4058E-06 (239)	1.4822E-06 (239)	1.4421E-06 (238)	1.4576E-06 (239)	1.4075E-06 (239)
30	1.0178E-06 (202)	1.1342E-06 (238)	1.1371E-06 (202)	1.0995E-06 (202)	1.0367E-06 (202)
31	7.5048E-07 (112)	8.9451E-07 (112)	9.6019E-07 (112)	9.9186E-07 (322)	1.0661E-06 (65)
32	1.4900E-06 (217)	1.4865E-06 (224)	1.3898E-06 (224)	1.3426E-06 (322)	1.3192E-06 (322)
33	1.7516E-06 (217)	1.8391E-06 (217)	1.8094E-06 (217)	1.7180E-06 (217)	1.6027E-06 (217)
34	1.1635E-06 (202)	1.2546E-06 (202)	1.2673E-06 (202)	1.2356E-06 (202)	1.1751E-06 (217)
35	1.1563E-06 (177)	1.2460E-06 (163)	1.2012E-06 (163)	1.1352E-06 (163)	1.0600E-06 (163)
36	1.1947E-06 (160)	1.2629E-06 (148)	1.1586E-06 (163)	1.0557E-06 (163)	9.7900E-07 (194)

PLANT NAME: TECO BIG BEND POLLUTANT: TSP EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 2.4082E-06 DIRECTION= 9 DISTANCE= 4.5 KM DAY=231

YEAR= 74

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
DIR					
1	1.0801E-06 (98)	1.0223E-06 (242)	9.1869E-07 (242)	8.0845E-07 (242)	7.2299E-07 (203)
2	8.9691E-07 (127)	1.1044E-06 (127)	1.2275E-06 (127)	1.2490E-06 (207)	1.1584E-06 (207)
3	1.0578E-06 (152)	9.6691E-07 (152)	9.3626E-07 (166)	8.8568E-07 (166)	8.2320E-07 (166)
4	1.1641E-06 (158)	1.1217E-06 (189)	1.1953E-06 (90)	1.2402E-06 (90)	1.2382E-06 (90)
5	1.2054E-06 (234)	1.1867E-06 (234)	1.1270E-06 (229)	1.1901E-06 (157)	1.1767E-06 (158)
6	1.6548E-06 (200)	1.6213E-06 (129)	1.5297E-06 (129)	1.4016E-06 (129)	1.2665E-06 (129)
7	1.3899E-06 (197)	1.3590E-06 (197)	1.2516E-06 (197)	1.1634E-06 (191)	1.1716E-06 (191)
8	1.4562E-06 (196)	1.5054E-06 (196)	1.4457E-06 (196)	1.4211E-06 (163)	1.4665E-06 (163)
9	1.6920E-06 (198)	2.0384E-06 (230)	2.3192E-06 (230)	2.4082E-06 (231)	2.4016E-06 (231)
10	1.3395E-06 (121)	1.5274E-06 (121)	1.6495E-06 (192)	1.6824E-06 (192)	1.6559E-06 (192)
11	1.0883E-06 (211)	1.1808E-06 (200)	1.2419E-06 (200)	1.2489E-06 (200)	1.2201E-06 (200)
12	9.1454E-07 (211)	8.8206E-07 (200)	9.9224E-07 (200)	1.0462E-06 (200)	1.0573E-06 (200)
13	7.1034E-07 (167)	7.5796E-07 (167)	7.5015E-07 (167)	7.0649E-07 (211)	6.4326E-07 (211)
14	6.1952E-07 (211)	5.3131E-07 (211)	4.6487E-07 (211)	4.5378E-07 (222)	4.8715E-07 (222)
15	4.2406E-07 (96)	5.1324E-07 (99)	5.5620E-07 (265)	5.4600E-07 (96)	5.5225E-07 (96)
16	8.2060E-07 (282)	8.7477E-07 (282)	9.1394E-07 (291)	1.0391E-06 (291)	1.1133E-06 (291)
17	9.0471E-07 (338)	9.6015E-07 (234)	8.5598E-07 (234)	7.7424E-07 (234)	7.0844E-07 (234)
18	8.6419E-07 (108)	9.2630E-07 (108)	9.2914E-07 (108)	9.1462E-07 (332)	9.4380E-07 (332)
19	5.9540E-07 (108)	5.9261E-07 (108)	6.9881E-07 (332)	7.4478E-07 (311)	7.3933E-07 (311)
20	9.1163E-07 (243)	8.6299E-07 (311)	9.2720E-07 (281)	9.8873E-07 (281)	1.0090E-06 (281)
21	9.4203E-07 (264)	1.0427E-06 (264)	1.1011E-06 (264)	1.1276E-06 (264)	1.1285E-06 (264)
22	9.7090E-07 (171)	9.7917E-07 (171)	9.3438E-07 (171)	8.6709E-07 (171)	8.8926E-07 (293)
23	1.1189E-06 (233)	1.0983E-06 (286)	1.1832E-06 (298)	1.2749E-06 (171)	1.2026E-06 (171)
24	1.1343E-06 (284)	1.5731E-06 (284)	1.9208E-06 (284)	2.1574E-06 (284)	2.2582E-06 (286)
25	1.4039E-06 (110)	1.5920E-06 (307)	1.7222E-06 (305)	1.7150E-06 (305)	1.6718E-06 (305)
26	1.7653E-06 (305)	1.8893E-06 (110)	1.8032E-06 (110)	1.6877E-06 (110)	1.5643E-06 (110)
27	1.8365E-06 (110)	1.8712E-06 (110)	1.8215E-06 (110)	1.7350E-06 (110)	1.6353E-06 (110)
28	1.4976E-06 (172)	1.5402E-06 (172)	1.5025E-06 (116)	1.3732E-06 (116)	1.2394E-06 (116)
29	1.0282E-06 (240)	9.4087E-07 (221)	9.3617E-07 (221)	9.0992E-07 (240)	9.0508E-07 (139)
30	9.4326E-07 (240)	1.0526E-06 (67)	1.0589E-06 (237)	1.1039E-06 (237)	1.1241E-06 (237)
31	1.2951E-06 (243)	1.3267E-06 (237)	1.2663E-06 (237)	1.3999E-06 (219)	1.4190E-06 (136)
32	1.0432E-06 (97)	1.1243E-06 (64)	1.2561E-06 (234)	1.2072E-06 (234)	1.2259E-06 (63)
33	1.4932E-06 (97)	1.4907E-06 (97)	1.4395E-06 (97)	1.3618E-06 (97)	1.2497E-06 (221)
34	1.1438E-06 (199)	1.2062E-06 (199)	1.1966E-06 (236)	1.1694E-06 (236)	1.1161E-06 (236)
35	1.2086E-06 (242)	1.2124E-06 (159)	1.0792E-06 (159)	9.6155E-07 (164)	9.7175E-07 (164)
36	9.5575E-07 (144)	1.0132E-06 (144)	9.8706E-07 (144)	9.2558E-07 (144)	8.7447E-07 (242)

PLANT NAME: TECO BIG BEND POLLUTANT: TSP EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 2.1958E-06 DIRECTION= 9 DISTANCE= 3.5 KM DAY=179

YEAR= 75

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
DIR					
1	1.1867E-06 (99)	1.1247E-06 (120)	9.9745E-07 (120)	9.1514E-07 (249)	9.3509E-07 (255)
2	1.1243E-06 (119)	1.2443E-06 (119)	1.3990E-06 (66)	1.4097E-06 (91)	1.3977E-06 (19)
3	1.1011E-06 (118)	1.3647E-06 (118)	1.5075E-06 (118)	1.5542E-06 (118)	1.5365E-06 (118)
4	1.3922E-06 (161)	1.3443E-06 (109)	1.4320E-06 (24)	1.4809E-06 (24)	1.4751E-06 (24)
5	1.3199E-06 (137)	1.6293E-06 (137)	1.7446E-06 (161)	1.6313E-06 (161)	1.5093E-06 (161)
6	1.0060E-06 (167)	9.9221E-07 (167)	1.0180E-06 (208)	1.0344E-06 (208)	9.9861E-07 (146)
7	1.8462E-06 (178)	1.8509E-06 (178)	1.7517E-06 (178)	1.6103E-06 (178)	1.4606E-06 (178)
8	1.8277E-06 (189)	1.8958E-06 (185)	1.7954E-06 (185)	1.6705E-06 (185)	1.5412E-06 (185)
9	2.0616E-06 (179)	2.1958E-06 (179)	2.1751E-06 (179)	2.0720E-06 (179)	1.9831E-06 (189)
10	1.5356E-06 (179)	1.5477E-06 (179)	1.4674E-06 (179)	1.3536E-06 (179)	1.2358E-06 (179)
11	1.0648E-06 (160)	1.0711E-06 (166)	1.0084E-06 (166)	9.4639E-07 (170)	9.6887E-07 (170)
12	6.8049E-07 (231)	7.1792E-07 (231)	7.1759E-07 (231)	6.9476E-07 (231)	7.2592E-07 (224)
13	1.1096E-06 (244)	1.2446E-06 (226)	1.2432E-06 (226)	1.1960E-06 (226)	1.1735E-06 (230)
14	8.2907E-07 (180)	8.8919E-07 (180)	8.9881E-07 (180)	8.7784E-07 (180)	8.4056E-07 (180)
15	8.5581E-07 (244)	9.5599E-07 (244)	8.9598E-07 (177)	8.0905E-07 (177)	7.3861E-07 (177)
16	8.0042E-07 (144)	9.1817E-07 (95)	9.8445E-07 (95)	1.0091E-06 (95)	9.8441E-07 (244)
17	7.3019E-07 (144)	8.1251E-07 (105)	9.1845E-07 (105)	9.6599E-07 (105)	9.7150E-07 (105)
18	5.7615E-07 (95)	6.7186E-07 (143)	7.1035E-07 (96)	7.6288E-07 (96)	7.7889E-07 (96)
19	5.5200E-07 (94)	5.8274E-07 (94)	5.7947E-07 (143)	5.1857E-07 (143)	4.6528E-07 (300)
20	8.9568E-07 (143)	9.9464E-07 (293)	1.0805E-06 (106)	1.0374E-06 (106)	9.8712E-07 (106)
21	9.5187E-07 (106)	1.0465E-06 (176)	1.0984E-06 (14)	1.1921E-06 (14)	1.2364E-06 (14)
22	1.1862E-06 (141)	1.4374E-06 (141)	1.5300E-06 (176)	1.4502E-06 (176)	1.3596E-06 (176)
23	1.0869E-06 (181)	1.1206E-06 (181)	1.0798E-06 (181)	1.0115E-06 (181)	9.8130E-07 (15)
24	8.0428E-07 (247)	9.0267E-07 (142)	9.4767E-07 (142)	9.4727E-07 (142)	9.4985E-07 (285)
25	1.1275E-06 (250)	1.1297E-06 (97)	1.2425E-06 (142)	1.3323E-06 (142)	1.3611E-06 (142)
26	1.7409E-06 (116)	1.6007E-06 (253)	1.8876E-06 (253)	1.8583E-06 (247)	1.7706E-06 (247)
27	1.9829E-06 (248)	2.0997E-06 (248)	2.1040E-06 (248)	2.0445E-06 (248)	1.9524E-06 (248)
28	1.3592E-06 (250)	1.4614E-06 (250)	1.4713E-06 (250)	1.3857E-06 (184)	1.2345E-06 (184)
29	1.1676E-06 (250)	1.1864E-06 (250)	1.1292E-06 (250)	1.1095E-06 (251)	1.1069E-06 (251)
30	1.4716E-06 (219)	1.5978E-06 (219)	1.5549E-06 (217)	1.4521E-06 (217)	1.4850E-06 (143)
31	8.8890E-07 (114)	9.0149E-07 (219)	9.1245E-07 (219)	9.9161E-07 (222)	1.0957E-06 (222)
32	1.0786E-06 (258)	1.1221E-06 (258)	1.1358E-06 (161)	1.1770E-06 (161)	1.1793E-06 (161)
33	1.2316E-06 (114)	1.2361E-06 (218)	1.2743E-06 (198)	1.2687E-06 (242)	1.2319E-06 (242)
34	1.0842E-06 (260)	1.1151E-06 (216)	1.0827E-06 (216)	1.0190E-06 (216)	9.5862E-07 (198)
35	9.0393E-07 (147)	9.5024E-07 (147)	9.3469E-07 (147)	8.9397E-07 (169)	8.9468E-07 (169)
36	8.5348E-07 (162)	8.1283E-07 (249)	8.6475E-07 (249)	8.7901E-07 (249)	9.2698E-07 (331)

COMPOSITE HIGHEST,SECOND-HIGHEST 24-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	1.	1.	1.	1.	1.
2	1.	1.	1.	1.	1.
3	1.	1.	2.	2.	2.
4	1.	1.	1.	1.	1.
5	2.	2.	2.	2.	2.
6	2.	2.	2.	2.	2.
7	2.	2.	2.	2.	2.
8	2.	2.	2.	2.	2.
9	2.	3.	3.	3.	3.
10	2.	2.	2.	2.	2.
11	1.	1.	1.	1.	1.
12	1.	1.	1.	2.	1.
13	1.	1.	1.	1.	1.
14	1.	1.	1.	1.	1.
15	1.	1.	1.	1.	1.
16	1.	1.	1.	1.	1.
17	1.	1.	1.	1.	1.
18	1.	1.	1.	1.	1.
19	1.	1.	1.	1.	1.
20	1.	1.	1.	1.	1.
21	2.	2.	2.	2.	1.
22	1.	1.	2.	1.	1.
23	2.	2.	2.	2.	2.
24	1.	2.	2.	2.	2.
25	1.	2.	2.	2.	2.
26	2.	2.	2.	2.	2.
27	2.	2.	2.	2.	2.
28	1.	2.	2.	1.	1.
29	1.	1.	1.	1.	1.
30	1.	2.	2.	1.	1.
31	1.	1.	1.	1.	1.
32	1.	1.	1.	2.	1.
33	2.	2.	2.	2.	2.
34	1.	1.	1.	2.	2.
35	1.	1.	1.	1.	1.
36	2.	2.	2.	1.	1.

RING DISTANCES(KM)= 5.50 6.00 7.00 20.80 53.20

STACK # 1--TECO 1&2 100% 0.1~~#/HR~~ MMBtu TSP
STACK # 2--TECO 4 100% 0.03# TSP

STACK	MONTH	EMISSION RATE (GMS/SEC)	HEIGHT (METERS)	DIAMETER (METERS)	EXIT VELOCITY (M/SEC)	TEMP (DEG.K)	VOLUMETRIC FLOW (M**3/SEC)
1	ALL	101.2200	149.40	7.32	28.60	422.00	1203.59
2	ALL	17.7400	149.40	7.32	20.00	342.00	841.67

PLANT NAME: TECO BIG BEND POLLUTANT: TSP EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 2.1006E-06 DIRECTION= 9 DISTANCE= 5.5 KM DAY=220

YEAR= 71

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	8.6516E-07 (113)	8.3599E-07 (113)	7.7742E-07 (113)	6.0703E-07 (56)	3.6446E-07 (113)
2	1.3341E-06 (331)	1.3256E-06 (331)	1.2697E-06 (331)	7.9825E-07 (113)	4.2149E-07 (228)
3	1.1900E-06 (205)	1.1399E-06 (205)	1.0302E-06 (205)	4.4590E-07 (354)	2.9140E-07 (111)
4	1.1490E-06 (234)	1.0570E-06 (234)	9.1351E-07 (127)	4.0311E-07 (205)	1.6236E-07 (114)
5	1.0586E-06 (205)	1.0459E-06 (234)	9.6299E-07 (178)	4.4382E-07 (178)	2.7416E-07 (92)
6	1.0100E-06 (206)	9.0488E-07 (206)	7.4669E-07 (206)	6.7217E-07 (175)	4.1800E-07 (118)
7	1.1501E-06 (207)	1.0806E-06 (207)	9.5591E-07 (229)	4.7851E-07 (229)	2.7455E-07 (117)
8	1.2235E-06 (139)	1.1589E-06 (139)	1.0235E-06 (139)	4.8778E-07 (167)	3.1798E-07 (256)
9	2.1006E-06 (220)	2.0588E-06 (167)	1.9232E-06 (128)	1.1120E-06 (166)	6.1320E-07 (166)
10	1.6452E-06 (161)	1.6100E-06 (161)	1.4998E-06 (161)	7.0336E-07 (195)	4.3819E-07 (195)
11	1.1359E-06 (196)	1.1013E-06 (196)	1.0016E-06 (196)	5.8322E-07 (44)	2.8995E-07 (224)
12	1.3031E-06 (198)	1.1823E-06 (198)	9.8923E-07 (198)	7.9475E-07 (123)	4.0890E-07 (44)
13	9.5529E-07 (123)	9.2694E-07 (123)	8.5676E-07 (123)	4.5398E-07 (123)	2.8822E-07 (220)
14	8.3392E-07 (222)	8.0999E-07 (222)	7.4626E-07 (222)	5.3122E-07 (63)	2.9315E-07 (19)
15	9.3136E-07 (221)	9.3021E-07 (221)	8.8300E-07 (221)	5.9729E-07 (121)	3.0660E-07 (299)
16	8.9806E-07 (124)	8.8755E-07 (124)	8.3745E-07 (124)	5.4769E-07 (121)	3.1949E-07 (76)
17	6.4137E-07 (169)	6.2497E-07 (169)	5.8128E-07 (181)	3.3900E-07 (19)	2.0501E-07 (67)
18	7.7670E-07 (99)	7.3787E-07 (99)	6.5886E-07 (99)	4.1526E-07 (226)	2.9440E-07 (89)
19	6.6691E-07 (316)	6.6592E-07 (316)	6.2797E-07 (316)	5.2689E-07 (67)	3.4557E-07 (314)
20	5.1037E-07 (46)	5.7230E-07 (46)	5.0326E-07 (46)	3.2854E-07 (170)	2.1054E-07 (41)
21	9.8030E-07 (311)	9.6398E-07 (311)	8.9633E-07 (311)	6.1490E-07 (356)	4.5755E-07 (308)
22	7.5456E-07 (326)	7.8357E-07 (326)	7.9460E-07 (326)	6.1137E-07 (356)	4.0268E-07 (301)
23	1.0720E-06 (272)	1.0398E-06 (272)	9.9344E-07 (329)	9.2017E-07 (292)	5.5685E-07 (292)
24	1.3638E-06 (156)	1.2675E-06 (156)	1.1019E-06 (156)	7.1636E-07 (352)	6.4151E-07 (319)
25	1.0701E-06 (285)	1.0453E-06 (285)	9.6974E-07 (285)	6.2945E-07 (335)	4.1059E-07 (156)
26	1.0374E-06 (267)	1.0255E-06 (267)	9.5718E-07 (267)	6.8280E-07 (33)	4.4011E-07 (33)
27	1.7583E-06 (190)	1.7119E-06 (101)	1.5416E-06 (101)	7.2362E-07 (190)	4.4917E-07 (49)
28	1.2489E-06 (248)	1.2147E-06 (248)	1.1093E-06 (248)	5.6539E-07 (305)	4.2564E-07 (244)
29	1.2501E-06 (214)	1.2513E-06 (214)	1.1962E-06 (214)	5.6934E-07 (305)	4.0404E-07 (143)
30	1.2585E-06 (210)	1.2821E-06 (210)	1.2648E-06 (210)	6.5754E-07 (138)	5.4222E-07 (3)
31	9.1054E-07 (243)	9.0758E-07 (243)	8.6204E-07 (243)	5.2092E-07 (242)	4.0573E-07 (261)
32	1.3943E-06 (2)	1.3155E-06 (2)	1.1646E-06 (2)	4.5450E-07 (2)	2.5241E-07 (132)
33	1.3832E-06 (363)	1.4027E-06 (363)	1.3448E-06 (185)	7.2691E-07 (185)	4.3701E-07 (361)
34	1.5347E-06 (259)	1.4389E-06 (259)	1.2625E-06 (259)	4.3687E-07 (187)	2.8216E-07 (59)
35	1.1076E-06 (229)	1.0478E-06 (229)	9.3289E-07 (229)	3.2325E-07 (260)	2.5204E-07 (255)
36	1.2819E-06 (260)	1.1913E-06 (260)	1.0351E-06 (260)	5.5219E-07 (58)	4.0362E-07 (229)

PLANT NAME: TECO BIG BEND POLLUTANT: TSP EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAX3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 2.6649E-06 DIRECTION= 9 DISTANCE= 5.5 KM DAY=207

YEAR= 72

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	1.1360E-06 (107)	1.1069E-06 (107)	1.0209E-06 (107)	5.1534E-07 (330)	3.3594E-07 (65)
2	1.4446E-06 (57)	1.4218E-06 (57)	1.3433E-06 (114)	6.2593E-07 (55)	3.3345E-07 (5)
3	1.2119E-06 (105)	1.1710E-06 (105)	1.0702E-06 (105)	6.0096E-07 (129)	4.0936E-07 (89)
4	1.0234E-06 (269)	9.9307E-07 (195)	8.4647E-07 (136)	3.0923E-07 (269)	1.8129E-07 (312)
5	1.5673E-06 (211)	1.5045E-06 (261)	1.3162E-06 (261)	4.8687E-07 (211)	2.7368E-07 (312)
6	1.4045E-06 (261)	1.3345E-06 (261)	1.2157E-06 (261)	6.6590E-07 (85)	3.1463E-07 (107)
7	1.4443E-06 (298)	1.3697E-06 (316)	1.2853E-06 (309)	5.5975E-07 (172)	3.2944E-07 (99)
8	1.4280E-06 (219)	1.3774E-06 (219)	1.2441E-06 (219)	7.0040E-07 (172)	4.1536E-07 (180)
9	2.6649E-06 (207)	2.6137E-06 (207)	2.4550E-06 (207)	1.6773E-06 (174)	9.0748E-07 (174)
10	1.8316E-06 (242)	1.7353E-06 (242)	1.5611E-06 (242)	7.7460E-07 (183)	3.5033E-07 (242)
11	1.1317E-06 (131)	1.0721E-06 (131)	9.4302E-07 (131)	5.9923E-07 (143)	3.5576E-07 (143)
12	8.3081E-07 (245)	8.5359E-07 (231)	7.9038E-07 (231)	3.7856E-07 (49)	3.0578E-07 (5)
13	7.0540E-07 (185)	7.1881E-07 (185)	7.0908E-07 (185)	5.9477E-07 (44)	3.6906E-07 (361)
14	6.4960E-07 (146)	6.1512E-07 (146)	5.3818E-07 (146)	4.4493E-07 (360)	3.0051E-07 (358)
15	6.5815E-07 (146)	6.4417E-07 (146)	5.9925E-07 (146)	4.8886E-07 (362)	3.4278E-07 (44)
16	6.1202E-07 (322)	6.3700E-07 (322)	6.0784E-07 (260)	4.3594E-07 (362)	2.4609E-07 (325)
17	6.2902E-07 (326)	7.0951E-07 (326)	8.2968E-07 (326)	6.5432E-07 (351)	3.9536E-07 (351)
18	7.1229E-07 (247)	6.6959E-07 (247)	6.9379E-07 (147)	6.9986E-07 (320)	5.6763E-07 (320)
19	6.1516E-07 (313)	5.9102E-07 (189)	5.2757E-07 (239)	5.2393E-07 (16)	3.6083E-07 (16)
20	8.0619E-07 (252)	7.1803E-07 (252)	6.3153E-07 (264)	3.4430E-07 (92)	2.5367E-07 (327)
21	8.9142E-07 (189)	8.5230E-07 (256)	7.9626E-07 (336)	4.5638E-07 (92)	2.8209E-07 (92)
22	8.4614E-07 (288)	8.5456E-07 (288)	8.2850E-07 (86)	7.2941E-07 (66)	4.3214E-07 (329)
23	9.0836E-07 (158)	8.6492E-07 (191)	8.0044E-07 (70)	9.2076E-07 (117)	5.5972E-07 (117)
24	1.2016E-06 (288)	1.2513E-06 (267)	1.2292E-06 (267)	7.8718E-07 (294)	4.8581E-07 (353)
25	1.2644E-06 (157)	1.2134E-06 (157)	1.0879E-06 (157)	7.3004E-07 (156)	4.6562E-07 (156)
26	1.8582E-06 (265)	1.8196E-06 (265)	1.6949E-06 (265)	7.0170E-07 (265)	4.3098E-07 (203)
27	1.2106E-06 (254)	1.2106E-06 (254)	1.1733E-06 (254)	1.0615E-06 (306)	6.9679E-07 (268)
28	1.2451E-06 (339)	1.2128E-06 (339)	1.1265E-06 (339)	1.1923E-06 (121)	7.2962E-07 (121)
29	1.1071E-06 (230)	1.0956E-06 (230)	1.0438E-06 (230)	7.0985E-07 (169)	3.6524E-07 (101)
30	1.0196E-06 (228)	9.6543E-07 (1)	9.3025E-07 (1)	4.8946E-07 (332)	3.4765E-07 (365)
31	1.0991E-06 (196)	1.0472E-06 (196)	9.8322E-07 (297)	4.7631E-07 (269)	2.9813E-07 (308)
32	1.2303E-06 (61)	1.1956E-06 (61)	1.0958E-06 (61)	5.0893E-07 (364)	4.0355E-07 (1)
33	1.3180E-06 (12)	1.3341E-06 (12)	1.2964E-06 (12)	6.9474E-07 (171)	4.4031E-07 (301)
34	8.6453E-07 (54)	8.3190E-07 (54)	7.5722E-07 (54)	3.7474E-07 (90)	2.6682E-07 (2)
35	6.8468E-07 (213)	6.4264E-07 (213)	5.5549E-07 (213)	4.2347E-07 (309)	2.3720E-07 (309)
36	8.5092E-07 (136)	8.1523E-07 (64)	7.5576E-07 (196)	5.4388E-07 (14)	3.1224E-07 (357)

PLANT NAME: TECO BIG BEND POLLUTANT: TSP EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.9021E-06 DIRECTION= 9 DISTANCE= 5.5 KM DAY=132

YEAR= 73

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	9.5792E-07 (193)	9.9729E-07 (193)	1.0189E-06 (193)	5.6822E-07 (146)	3.1741E-07 (148)
2	1.1258E-06 (71)	1.1150E-06 (159)	1.0313E-06 (159)	5.2649E-07 (339)	3.3240E-07 (146)
3	1.0915E-06 (123)	1.0613E-06 (123)	9.4536E-07 (226)	4.6331E-07 (226)	2.9459E-07 (115)
4	1.1017E-06 (173)	1.0527E-06 (173)	9.6136E-07 (173)	4.3923E-07 (20)	2.7056E-07 (145)
5	1.6706E-06 (192)	1.5696E-06 (192)	1.3786E-06 (192)	5.0579E-07 (313)	2.5845E-07 (117)
6	1.5137E-06 (186)	1.4371E-06 (209)	1.2706E-06 (209)	6.4193E-07 (209)	3.2308E-07 (209)
7	1.5296E-06 (185)	1.4230E-06 (185)	1.2364E-06 (185)	5.6285E-07 (140)	3.3018E-07 (114)
8	1.6119E-06 (253)	1.5928E-06 (253)	1.4986E-06 (187)	6.5329E-07 (253)	2.7151E-07 (253)
9	1.9021E-06 (132)	1.7738E-06 (132)	1.5498E-06 (132)	6.0526E-07 (85)	4.0848E-07 (85)
10	1.5242E-06 (132)	1.4438E-06 (132)	1.2652E-06 (196)	6.5188E-07 (169)	4.6364E-07 (258)
11	1.0464E-06 (169)	1.0027E-06 (169)	9.2549E-07 (169)	7.5568E-07 (85)	3.6282E-07 (85)
12	9.6441E-07 (124)	9.3776E-07 (124)	8.6152E-07 (124)	5.6152E-07 (98)	4.1083E-07 (98)
13	5.4439E-07 (124)	5.7241E-07 (168)	6.0325E-07 (168)	9.3679E-07 (29)	4.5985E-07 (41)
14	8.4848E-07 (169)	8.1438E-07 (169)	7.6687E-07 (175)	5.9855E-07 (175)	4.0642E-07 (175)
15	7.1708E-07 (47)	7.2466E-07 (47)	7.0277E-07 (47)	4.9395E-07 (350)	3.1720E-07 (350)
16	7.4546E-07 (119)	7.1980E-07 (188)	7.5362E-07 (188)	3.6540E-07 (188)	2.5735E-07 (342)
17	8.2040E-07 (53)	8.0497E-07 (188)	7.8128E-07 (53)	5.8350E-07 (342)	4.0898E-07 (342)
18	1.1916E-06 (103)	1.1559E-06 (103)	1.0644E-06 (103)	4.6889E-07 (13)	3.6519E-07 (51)
19	8.5982E-07 (103)	8.0478E-07 (103)	7.0374E-07 (103)	4.5152E-07 (305)	3.0641E-07 (136)
20	9.6442E-07 (305)	9.2141E-07 (305)	9.2115E-07 (299)	5.3156E-07 (345)	4.1828E-07 (24)
21	1.3372E-06 (183)	1.2213E-06 (183)	1.0639E-06 (298)	6.7546E-07 (305)	4.5577E-07 (9)
22	1.1840E-06 (78)	1.1193E-06 (78)	9.9399E-07 (78)	6.3381E-07 (233)	4.6303E-07 (292)
23	1.4623E-06 (221)	1.3508E-06 (221)	1.1669E-06 (221)	8.1725E-07 (291)	4.8237E-07 (16)
24	1.4229E-06 (240)	1.4091E-06 (240)	1.3457E-06 (240)	6.9715E-07 (310)	3.9518E-07 (276)
25	1.7333E-06 (260)	1.7187E-06 (260)	1.6448E-06 (260)	7.1584E-07 (260)	4.6447E-07 (17)
26	1.4885E-06 (336)	1.4909E-06 (336)	1.4230E-06 (336)	6.1183E-07 (352)	3.4269E-07 (111)
27	1.0830E-06 (154)	9.9310E-07 (154)	9.2147E-07 (336)	7.6704E-07 (106)	4.5014E-07 (229)
28	1.2236E-06 (286)	1.1920E-06 (158)	1.0467E-06 (158)	7.9491E-07 (105)	4.3540E-07 (105)
29	1.3493E-06 (239)	1.2889E-06 (239)	1.1722E-06 (239)	6.3060E-07 (105)	4.8102E-07 (105)
30	9.6460E-07 (202)	9.2564E-07 (244)	8.7540E-07 (244)	6.1598E-07 (32)	4.3585E-07 (324)
31	1.1088E-06 (65)	1.1132E-06 (65)	1.0733E-06 (65)	5.3067E-07 (88)	4.3076E-07 (113)
32	1.2762E-06 (322)	1.2238E-06 (322)	1.1116E-06 (322)	7.8986E-07 (21)	5.0481E-07 (21)
33	1.4849E-06 (217)	1.3755E-06 (217)	1.1936E-06 (217)	5.0459E-07 (217)	3.0281E-07 (171)
34	1.1172E-06 (202)	1.0510E-06 (202)	9.2614E-07 (202)	4.8386E-07 (123)	3.2630E-07 (213)
35	1.0679E-06 (40)	1.0510E-06 (115)	1.0460E-06 (115)	6.7767E-07 (93)	4.2717E-07 (349)
36	9.6809E-07 (194)	9.3840E-07 (194)	8.5235E-07 (194)	4.8655E-07 (146)	3.7573E-07 (146)

PLANT NAME: TECO BIG BEND POLLUTANT: TSP EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAA3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 2.3370E-06 DIRECTION= 9 DISTANCE= 5.5 KM DAY=231

YEAR= 74

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	7.3592E-07 (203)	7.3220E-07 (203)	6.9777E-07 (203)	5.3642E-07 (98)	3.1751E-07 (52)
2	1.0669E-06 (207)	9.8046E-07 (207)	8.3159E-07 (207)	5.3630E-07 (91)	2.9466E-07 (28)
3	7.6340E-07 (207)	7.0691E-07 (166)	6.7404E-07 (103)	4.1408E-07 (80)	2.9187E-07 (39)
4	1.2072E-06 (90)	1.1603E-06 (90)	1.0401E-06 (229)	3.7611E-07 (229)	2.3254E-07 (210)
5	1.0864E-06 (158)	1.0037E-06 (158)	8.6391E-07 (158)	3.8273E-07 (210)	2.1906E-07 (88)
6	1.1382E-06 (129)	1.0398E-06 (86)	8.9445E-07 (200)	5.2634E-07 (89)	3.1645E-07 (88)
7	1.1467E-06 (191)	1.1021E-06 (191)	1.0300E-06 (232)	6.1108E-07 (16)	2.9363E-07 (173)
8	1.4252E-06 (148)	1.3303E-06 (148)	1.2129E-06 (315)	4.6352E-07 (163)	2.5694E-07 (203)
9	2.3370E-06 (231)	2.2389E-06 (231)	2.0030E-06 (231)	9.1777E-07 (192)	5.0339E-07 (71)
10	1.5902E-06 (192)	1.5206E-06 (192)	1.3598E-06 (192)	6.0412E-07 (211)	3.6439E-07 (47)
11	1.1703E-06 (200)	1.1099E-06 (200)	9.8161E-07 (200)	4.8497E-07 (72)	2.6373E-07 (335)
12	1.0394E-06 (200)	1.0036E-06 (200)	9.0723E-07 (200)	4.9058E-07 (167)	2.6385E-07 (240)
13	6.2427E-07 (257)	5.9666E-07 (167)	5.3220E-07 (167)	4.9821E-07 (335)	2.6404E-07 (76)
14	5.0134E-07 (222)	5.0121E-07 (222)	4.7479E-07 (222)	6.6034E-07 (40)	3.5295E-07 (336)
15	5.5641E-07 (96)	5.6185E-07 (96)	5.2109E-07 (99)	6.6230E-07 (40)	3.3043E-07 (96)
16	1.1464E-06 (291)	1.1502E-06 (291)	1.1061E-06 (291)	5.8040E-07 (326)	3.1873E-07 (326)
17	6.5437E-07 (234)	6.1178E-07 (317)	6.3303E-07 (317)	4.6115E-07 (350)	2.9692E-07 (355)
18	9.4218E-07 (332)	9.2137E-07 (332)	8.5297E-07 (332)	7.0685E-07 (279)	4.2376E-07 (279)
19	7.2335E-07 (311)	7.1589E-07 (364)	6.8537E-07 (332)	5.1859E-07 (311)	3.1294E-07 (311)
20	1.0004E-06 (281)	9.7339E-07 (281)	8.9265E-07 (281)	5.9491E-07 (279)	3.5584E-07 (18)
21	1.1790E-06 (263)	1.2018E-06 (263)	1.1114E-06 (265)	6.3366E-07 (274)	4.3682E-07 (107)
22	8.8553E-07 (293)	8.6531E-07 (293)	8.1336E-07 (254)	8.8708E-07 (312)	4.9289E-07 (276)
23	1.1242E-06 (171)	1.1029E-06 (297)	1.0189E-06 (297)	5.8040E-07 (266)	4.0443E-07 (293)
24	2.1883E-06 (286)	2.0947E-06 (286)	1.8836E-06 (286)	7.4341E-07 (348)	4.8475E-07 (284)
25	1.6121E-06 (305)	1.5465E-06 (305)	1.4179E-06 (305)	7.2062E-07 (285)	3.8994E-07 (194)
26	1.4831E-06 (110)	1.3548E-06 (171)	1.2651E-06 (171)	5.5694E-07 (306)	3.1241E-07 (349)
27	1.5342E-06 (110)	1.4379E-06 (110)	1.2451E-06 (116)	6.6081E-07 (194)	3.8350E-07 (357)
28	1.2422E-06 (236)	1.2311E-06 (2)	1.1792E-06 (236)	6.7105E-07 (101)	3.7902E-07 (36)
29	9.4178E-07 (118)	9.2424E-07 (118)	8.6578E-07 (118)	7.9210E-07 (357)	5.3980E-07 (140)
30	1.1117E-06 (67)	1.0564E-06 (67)	9.6394E-07 (329)	4.8278E-07 (329)	3.0668E-07 (334)
31	1.3927E-06 (215)	1.4238E-06 (215)	1.4166E-06 (215)	7.5617E-07 (134)	4.4893E-07 (134)
32	1.2112E-06 (63)	1.1731E-06 (63)	1.1001E-06 (6)	4.7547E-07 (6)	3.2319E-07 (165)
33	1.1460E-06 (221)	1.0956E-06 (97)	9.8455E-07 (11)	5.2353E-07 (94)	3.0432E-07 (94)
34	1.0506E-06 (236)	9.8172E-07 (236)	8.5080E-07 (236)	5.1708E-07 (84)	3.8692E-07 (84)
35	9.5232E-07 (164)	9.1557E-07 (164)	8.2209E-07 (164)	4.3773E-07 (212)	2.4826E-07 (175)
36	8.1427E-07 (93)	8.3075E-07 (208)	8.3042E-07 (208)	5.9363E-07 (341)	4.5426E-07 (341)

PLANT NAME: TECO BIG BEND POLLUTANT: TSP EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.9403E-06 DIRECTION= 9 DISTANCE= 5.5 KM DAY=189

YEAR= 75

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	8.6230E-07 (249)	8.3413E-07 (43)	7.8737E-07 (43)	6.2100E-07 (50)	4.4724E-07 (49)
2	1.5053E-06 (66)	1.4630E-06 (66)	1.3506E-06 (48)	6.8190E-07 (75)	3.9595E-07 (75)
3	1.4803E-06 (118)	1.4035E-06 (118)	1.2304E-06 (118)	5.1601E-07 (71)	3.1180E-07 (82)
4	1.4380E-06 (24)	1.3851E-06 (24)	1.2473E-06 (109)	5.4467E-07 (24)	3.2073E-07 (187)
5	1.3912E-06 (161)	1.2822E-06 (161)	1.1664E-06 (229)	5.2399E-07 (171)	2.8221E-07 (190)
6	9.9734E-07 (208)	9.5983E-07 (208)	8.7247E-07 (208)	3.8856E-07 (205)	2.5238E-07 (191)
7	1.3194E-06 (178)	1.1942E-06 (178)	1.0413E-06 (80)	4.3737E-07 (185)	2.7816E-07 (208)
8	1.4184E-06 (185)	1.3052E-06 (185)	1.1137E-06 (185)	5.2499E-07 (189)	2.4620E-07 (190)
9	1.9403E-06 (189)	1.8774E-06 (189)	1.7305E-06 (189)	6.4590E-07 (180)	3.8886E-07 (158)
10	1.1268E-06 (179)	1.0313E-06 (179)	8.9039E-07 (166)	4.3994E-07 (59)	2.5618E-07 (159)
11	9.6043E-07 (170)	9.3219E-07 (170)	8.4649E-07 (170)	4.2133E-07 (162)	2.2558E-07 (155)
12	7.5847E-07 (224)	7.7248E-07 (224)	7.6445E-07 (224)	4.3559E-07 (336)	2.4895E-07 (336)
13	1.1591E-06 (230)	1.1331E-06 (230)	1.0638E-06 (230)	5.3510E-07 (139)	2.8449E-07 (78)
14	7.9646E-07 (180)	7.5137E-07 (180)	6.6922E-07 (180)	3.7386E-07 (55)	3.0015E-07 (13)
15	6.8034E-07 (177)	6.9300E-07 (243)	6.8979E-07 (244)	5.2061E-07 (38)	3.5282E-07 (56)
16	9.2110E-07 (244)	8.5928E-07 (244)	7.5039E-07 (244)	5.3768E-07 (352)	2.9050E-07 (317)
17	9.4988E-07 (105)	9.1228E-07 (105)	8.1693E-07 (105)	4.8282E-07 (268)	4.0772E-07 (268)
18	7.7303E-07 (361)	7.6137E-07 (361)	7.3796E-07 (297)	6.3342E-07 (270)	5.2600E-07 (269)
19	4.7061E-07 (300)	4.6778E-07 (300)	4.4717E-07 (300)	3.8269E-07 (14)	3.0120E-07 (96)
20	9.4136E-07 (94)	9.3112E-07 (94)	9.2665E-07 (57)	6.8754E-07 (64)	4.1803E-07 (94)
21	1.2436E-06 (14)	1.2254E-06 (14)	1.1253E-06 (64)	5.4876E-07 (14)	3.6573E-07 (361)
22	1.2696E-06 (176)	1.1861E-06 (176)	1.0441E-06 (176)	4.9417E-07 (353)	3.5814E-07 (353)
23	1.0272E-06 (15)	1.0469E-06 (15)	1.0320E-06 (15)	6.3821E-07 (304)	3.8449E-07 (304)
24	9.7091E-07 (285)	9.6550E-07 (285)	9.0837E-07 (285)	5.3251E-07 (17)	3.5954E-07 (22)
25	1.3480E-06 (142)	1.3092E-06 (142)	1.1987E-06 (142)	6.1104E-07 (116)	4.3061E-07 (239)
26	1.6699E-06 (247)	1.5670E-06 (247)	1.3737E-06 (247)	6.3640E-07 (253)	3.1108E-07 (176)
27	1.8473E-06 (248)	1.7821E-06 (322)	1.7515E-06 (322)	9.1448E-07 (86)	5.4221E-07 (86)
28	1.1880E-06 (330)	1.1801E-06 (330)	1.0455E-06 (250)	7.7402E-07 (288)	4.9348E-07 (287)
29	1.0816E-06 (251)	1.0437E-06 (251)	9.5936E-07 (217)	6.2153E-07 (313)	4.5025E-07 (313)
30	1.4953E-06 (143)	1.4847E-06 (143)	1.4217E-06 (143)	6.8114E-07 (143)	5.1429E-07 (263)
31	1.1602E-06 (222)	1.1422E-06 (168)	1.0473E-06 (127)	5.3175E-07 (289)	3.5288E-07 (364)
32	1.1566E-06 (161)	1.1196E-06 (161)	1.0282E-06 (161)	4.9138E-07 (290)	2.7631E-07 (359)
33	1.1893E-06 (242)	1.1435E-06 (242)	1.0497E-06 (242)	6.3047E-07 (12)	4.2673E-07 (151)
34	9.3990E-07 (198)	9.0937E-07 (198)	8.3205E-07 (198)	5.0434E-07 (152)	4.7785E-07 (10)
35	8.7618E-07 (334)	8.7119E-07 (334)	8.2378E-07 (334)	4.4663E-07 (12)	2.8692E-07 (207)
36	9.5852E-07 (331)	9.6595E-07 (331)	9.3850E-07 (331)	7.0762E-07 (351)	4.5336E-07 (12)

COMPOSITE HIGHEST,SECOND-HIGHEST 24-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	1.	1.	1.	1.	0.
2	2.	1.	1.	1.	0.
3	1.	1.	1.	1.	0.
4	1.	1.	1.	1.	0.
5	2.	2.	1.	1.	0.
6	2.	1.	1.	1.	0.
7	2.	1.	1.	1.	0.
8	2.	2.	1.	1.	0.
9	3.	3.	2.	2.	1.
10	2.	2.	2.	1.	0.
11	1.	1.	1.	1.	0.
12	1.	1.	1.	1.	0.
13	1.	1.	1.	1.	0.
14	1.	1.	1.	1.	0.
15	1.	1.	1.	1.	0.
16	1.	1.	1.	1.	0.
17	1.	1.	1.	1.	0.
18	1.	1.	1.	1.	1.
19	1.	1.	1.	1.	0.
20	1.	1.	1.	1.	0.
21	1.	1.	1.	1.	0.
22	1.	1.	1.	1.	0.
23	1.	1.	1.	1.	1.
24	2.	2.	2.	1.	1.
25	2.	2.	2.	1.	0.
26	2.	2.	2.	1.	0.
27	2.	2.	2.	1.	1.
28	1.	1.	1.	1.	1.
29	1.	1.	1.	1.	1.
30	1.	1.	1.	1.	1.
31	1.	1.	1.	1.	0.
32	1.	1.	1.	1.	1.
33	1.	1.	1.	1.	0.
34	2.	1.	1.	1.	0.
35	1.	1.	1.	1.	0.
36	1.	1.	1.	1.	0.

TECO BIG BEND

UNIT 4 ONLY

24- AND 3-HOUR SO_2

24-HOUR TSP

100 PERCENT LOAD

RING DISTANCES(KM)= 0.50 1.00 1.50 2.00 2.50

STACK # 1--TECO # 100X ~~[illegible]~~ 1.2 # SO2

STACK	MONTH	EMISSION RATE (GMS/SEC)	HEIGHT (METERS)	DIAMETER (METERS)	EXIT VELOCITY (M/SEC)	TEMP (DEG.K)	VOLUMETRIC FLOW (MA*3/SEC)
1	ALL	709.4299	149.40	7.32	20.00	342.00	841.67

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 3.4133E-05 DIRECTION= 9 DISTANCE= 2.5 KM DAY=220

YEAR= 71

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	1.0414E-10 (238)	5.9376E-06 (236)	8.5363E-06 (236)	1.2631E-05 (236)	1.3243E-05 (229)
2	6.0067E-10 (238)	1.1596E-05 (260)	1.0139E-05 (260)	1.3382E-05 (207)	1.5770E-05 (236)
3	2.3096E-09 (238)	1.4623E-05 (234)	1.1043E-05 (236)	1.4775E-05 (234)	1.4980E-05 (205)
4	4.4555E-09 (238)	1.5169E-05 (215)	1.3612E-05 (215)	1.4623E-05 (205)	1.4319E-05 (205)
5	4.5871E-09 (234)	1.6268E-05 (215)	1.4762E-05 (215)	1.5289E-05 (206)	1.4754E-05 (240)
6	2.0479E-09 (234)	9.9346E-06 (230)	1.2728E-05 (234)	1.5877E-05 (200)	1.6486E-05 (159)
7	5.1470E-10 (234)	7.8790E-06 (194)	1.2610E-05 (179)	1.6618E-05 (179)	1.7434E-05 (207)
8	1.7532E-10 (159)	1.3998E-05 (230)	1.7158E-05 (230)	1.7325E-05 (194)	1.8732E-05 (128)
9	4.2677E-10 (159)	1.7450E-05 (238)	2.0119E-05 (238)	3.1790E-05 (220)	3.4133E-05 (220)
10	3.4474E-10 (159)	1.7991E-05 (217)	1.9423E-05 (194)	1.8193E-05 (194)	2.2160E-05 (168)
11	1.2989E-10 (159)	9.5540E-06 (257)	1.0084E-05 (197)	1.3070E-05 (198)	1.1951E-05 (198)
12	2.9318E-10 (159)	5.1035E-06 (217)	1.2252E-05 (257)	9.2314E-06 (257)	1.4295E-05 (136)
13	2.1962E-10 (262)	5.3405E-06 (159)	8.3329E-06 (257)	7.6589E-06 (141)	1.0989E-05 (141)
14	1.1652E-09 (262)	3.3449E-06 (257)	4.2359E-06 (198)	6.7897E-06 (222)	9.5933E-06 (222)
15	2.9166E-09 (159)	8.9650E-06 (262)	8.2503E-06 (222)	8.6897E-06 (121)	1.0317E-05 (121)
16	1.9217E-09 (159)	9.4481E-06 (159)	7.0622E-06 (121)	9.4517E-06 (169)	1.1190E-05 (169)
17	6.9771E-10 (159)	2.8777E-06 (159)	4.6090E-06 (164)	6.9575E-06 (317)	8.4953E-06 (99)
18	1.3958E-10 (159)	8.7675E-07 (173)	5.3061E-06 (164)	7.9409E-06 (173)	1.0283E-05 (124)
19	2.2737E-11 (263)	1.2652E-06 (262)	4.3630E-06 (257)	7.2358E-06 (257)	8.1729E-06 (221)
20	5.5588E-11 (263)	5.2846E-07 (98)	3.7689E-06 (98)	5.7380E-06 (46)	6.4123E-06 (46)
21	7.8021E-12 (262)	5.4264E-07 (137)	7.5599E-06 (137)	1.2264E-05 (263)	1.0252E-05 (263)
22	2.2785E-12 (164)	1.3974E-06 (164)	6.9373E-06 (164)	1.0130E-05 (263)	1.1705E-05 (47)
23	1.1862E-11 (240)	2.0414E-06 (164)	1.0942E-05 (164)	1.3861E-05 (164)	1.4330E-05 (68)
24	1.0994E-11 (231)	1.0724E-06 (231)	6.9433E-06 (90)	1.4335E-05 (90)	1.8618E-05 (90)
25	1.1902E-10 (231)	1.2958E-06 (152)	4.3025E-06 (231)	8.8900E-06 (90)	1.2151E-05 (90)
26	7.5202E-10 (231)	5.6277E-06 (152)	6.0392E-06 (240)	8.1014E-06 (101)	1.0019E-05 (267)
27	2.6285E-09 (231)	1.2145E-05 (152)	1.1499E-05 (231)	1.3779E-05 (231)	1.8495E-05 (190)
28	4.5971E-09 (240)	1.6181E-05 (240)	1.3056E-05 (240)	1.3922E-05 (101)	1.7691E-05 (101)
29	2.5331E-09 (240)	8.0406E-06 (240)	9.3559E-06 (138)	1.3505E-05 (138)	1.3675E-05 (138)
30	7.6911E-10 (240)	1.9855E-06 (240)	8.1730E-06 (182)	1.4175E-05 (182)	1.4984E-05 (182)
31	1.2867E-10 (240)	1.4655E-06 (218)	5.9711E-06 (236)	8.7912E-06 (182)	1.0455E-05 (143)
32	1.1862E-11 (240)	7.2794E-07 (230)	9.1762E-06 (218)	1.2126E-05 (218)	1.2692E-05 (2)
33	2.6136E-12 (218)	5.3076E-07 (230)	7.7597E-06 (218)	1.0818E-05 (218)	1.3722E-05 (91)
34	2.0427E-12 (211)	1.4519E-06 (218)	8.4928E-06 (218)	1.1520E-05 (218)	1.5940E-05 (187)
35	3.5897E-12 (211)	2.2665E-06 (211)	1.2854E-05 (211)	1.7833E-05 (211)	1.7853E-05 (211)
36	9.0448E-12 (238)	1.5925E-06 (229)	1.1977E-05 (229)	1.8561E-05 (229)	1.9167E-05 (260)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAX3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 1.5474E-04 DIRECTION= 9 DISTANCE= 2.5 KM DAY=220 TIME PERIOD= 5

YEAR= 71

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	8.3310E-10 (238, 4)	4.5541E-05 (236, 5)	5.8719E-05 (229, 4)	7.9485E-05 (229, 4)	7.5352E-05 (229, 4)
2	5.2854E-09 (238, 4)	9.2638E-05 (260, 5)	8.0036E-05 (260, 5)	8.5022E-05 (261, 3)	9.6855E-05 (261, 3)
3	1.8477E-08 (238, 4)	1.1506E-04 (234, 4)	8.4558E-05 (219, 5)	1.1142E-04 (219, 5)	1.0361E-04 (219, 5)
4	3.5591E-08 (238, 4)	1.2135E-04 (215, 4)	1.0889E-04 (215, 4)	8.3835E-05 (215, 4)	8.1949E-05 (183, 4)
5	3.6697E-08 (234, 4)	1.3014E-04 (215, 4)	1.1762E-04 (215, 4)	1.2187E-04 (200, 4)	1.1624E-04 (200, 4)
6	1.6383E-08 (234, 4)	7.9167E-05 (230, 5)	8.8536E-05 (206, 5)	1.1818E-04 (206, 5)	1.1106E-04 (206, 5)
7	7.1203E-09 (238, 4)	6.3031E-05 (194, 4)	8.1374E-05 (230, 5)	8.3820E-05 (160, 4)	9.1492E-05 (207, 5)
8	1.4025E-09 (159, 5)	1.0678E-04 (230, 5)	9.2880E-05 (230, 5)	1.1108E-04 (262, 5)	1.1937E-04 (257, 5)
9	3.4142E-09 (159, 5)	1.3293E-04 (238, 5)	1.2498E-04 (217, 4)	1.4620E-04 (220, 5)	1.5474E-04 (220, 5)
10	2.7580E-09 (159, 5)	1.4392E-04 (217, 4)	1.5311E-04 (194, 4)	1.3635E-04 (194, 4)	1.2116E-04 (194, 4)
11	1.0391E-09 (159, 5)	7.6388E-05 (257, 4)	6.6684E-05 (237, 5)	7.9806E-05 (204, 5)	8.2089E-05 (192, 5)
12	2.3454E-09 (159, 5)	4.0827E-05 (217, 4)	8.3726E-05 (198, 4)	7.3850E-05 (257, 4)	7.6879E-05 (136, 4)
13	1.7569E-09 (262, 4)	4.0284E-05 (159, 5)	4.2773E-05 (198, 5)	5.5954E-05 (198, 3)	6.1476E-05 (198, 3)
14	9.3215E-09 (262, 4)	2.6759E-05 (257, 4)	2.3459E-05 (122, 4)	3.9284E-05 (159, 5)	4.7186E-05 (162, 4)
15	2.3333E-08 (159, 5)	1.1720E-05 (262, 4)	5.4025E-05 (222, 4)	5.1162E-05 (220, 4)	6.7095E-05 (222, 5)
16	1.5374E-08 (159, 5)	7.5584E-05 (159, 5)	4.4624E-05 (169, 4)	6.0005E-05 (121, 4)	5.8200E-05 (124, 6)
17	5.5817E-09 (159, 5)	2.3021E-05 (159, 5)	3.6872E-05 (164, 4)	4.9867E-05 (262, 4)	5.3015E-05 (273, 4)
18	1.1167E-09 (159, 5)	7.0140E-06 (173, 4)	4.2411E-05 (164, 4)	6.3527E-05 (173, 4)	6.0135E-05 (173, 4)
19	1.8190E-10 (263, 5)	1.0122E-05 (262, 4)	3.4901E-05 (257, 4)	5.7769E-05 (257, 4)	6.5379E-05 (221, 4)
20	4.4470E-10 (263, 5)	4.2277E-06 (98, 4)	3.0151E-05 (98, 4)	4.5904E-05 (46, 5)	5.1012E-05 (263, 5)
21	6.2417E-11 (262, 4)	3.7831E-06 (157, 4)	3.7616E-05 (157, 4)	5.8346E-05 (157, 4)	5.8994E-05 (137, 4)
22	1.6649E-11 (164, 4)	8.8062E-06 (164, 4)	4.2803E-05 (164, 4)	6.5657E-05 (142, 5)	7.8438E-05 (263, 5)
23	9.4897E-11 (240, 4)	8.8062E-06 (164, 4)	4.4733E-05 (164, 5)	6.8308E-05 (270, 4)	9.7188E-05 (156, 4)
24	8.2349E-11 (231, 4)	6.6194E-06 (164, 5)	4.9525E-05 (231, 5)	6.9902E-05 (90, 4)	8.0705E-05 (90, 4)
25	9.4814E-10 (231, 4)	1.0367E-05 (152, 4)	2.6291E-05 (276, 4)	4.3783E-05 (276, 4)	6.6790E-05 (137, 4)
26	6.0152E-09 (231, 4)	4.5022E-05 (152, 4)	4.0905E-05 (156, 5)	5.6009E-05 (360, 4)	6.2930E-05 (156, 3)
27	2.1028E-08 (231, 4)	9.7163E-05 (152, 4)	9.1159E-05 (231, 4)	8.0610E-05 (240, 4)	9.8050E-05 (231, 4)
28	3.6777E-08 (240, 4)	1.2944E-04 (240, 4)	1.0445E-04 (240, 4)	8.0610E-05 (240, 4)	9.5248E-05 (101, 5)
29	2.0265E-08 (240, 4)	6.4325E-05 (240, 4)	7.3375E-05 (138, 5)	1.0102E-04 (138, 5)	9.6083E-05 (138, 5)
30	6.1528E-09 (240, 4)	1.5884E-05 (240, 4)	6.5316E-05 (182, 4)	1.0135E-04 (138, 5)	9.4144E-05 (138, 5)
31	1.0294E-09 (240, 4)	1.1722E-05 (218, 4)	4.7731E-05 (236, 5)	6.1995E-05 (182, 4)	6.2531E-05 (182, 4)
32	9.4897E-11 (240, 4)	5.8200E-06 (230, 4)	7.1814E-05 (218, 4)	8.7522E-05 (218, 4)	7.8524E-05 (218, 4)
33	2.0182E-11 (218, 4)	4.2434E-06 (230, 4)	5.2056E-05 (218, 4)	7.0667E-05 (218, 4)	9.4621E-05 (91, 5)
34	1.6341E-11 (211, 4)	9.0797E-06 (211, 4)	5.3852E-05 (218, 5)	7.0168E-05 (259, 4)	9.0800E-05 (259, 4)
35	2.8718E-11 (211, 4)	1.8078E-05 (211, 4)	9.8793E-05 (211, 4)	1.2712E-04 (211, 4)	1.1742E-04 (211, 4)
36	7.2358E-11 (238, 4)	1.2133E-05 (229, 4)	7.3317E-05 (260, 4)	1.1703E-04 (260, 4)	1.1905E-04 (260, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 3.0252E-05 DIRECTION= 9 DISTANCE= 2.5 KM DAY=124

YEAR= 72

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	2.8044E-12 (211)	1.3313E-06 (211)	6.1401E-06 (215)	8.2883E-06 (187)	1.2316E-05 (107)
2	1.8213E-11 (241)	1.2925E-06 (241)	7.3226E-06 (110)	1.1034E-05 (215)	1.2675E-05 (57)
3	1.3488E-10 (229)	6.0199E-06 (241)	1.0820E-05 (110)	1.4786E-05 (135)	1.5236E-05 (110)
4	8.5568E-10 (229)	1.2468E-05 (215)	9.6552E-06 (195)	1.4729E-05 (150)	1.5046E-05 (195)
5	2.9913E-09 (229)	1.6105E-05 (241)	1.4629E-05 (261)	2.3229E-05 (206)	2.1493E-05 (211)
6	5.7620E-09 (229)	1.6667E-05 (215)	1.4414E-05 (211)	2.0275E-05 (261)	1.9522E-05 (211)
7	6.1160E-09 (229)	1.5703E-05 (229)	1.4173E-05 (194)	2.0194E-05 (194)	2.0617E-05 (194)
8	4.4504E-09 (207)	1.2659E-05 (87)	1.5724E-05 (185)	1.9727E-05 (195)	1.9549E-05 (220)
9	4.7221E-09 (207)	1.6547E-05 (222)	1.9021E-05 (183)	2.9378E-05 (242)	3.0252E-05 (124)
10	2.7617E-09 (207)	1.4909E-05 (222)	1.8362E-05 (183)	2.6501E-05 (183)	2.7292E-05 (242)
11	2.7016E-09 (222)	8.2926E-06 (87)	8.5904E-06 (184)	1.1513E-05 (131)	1.4358E-05 (131)
12	7.5311E-10 (222)	2.3926E-06 (222)	4.0191E-06 (222)	5.7367E-06 (143)	8.3368E-06 (231)
13	1.0920E-10 (222)	3.6590E-07 (289)	4.2062E-06 (23)	1.1504E-05 (146)	1.3616E-05 (184)
14	5.5455E-11 (247)	4.7335E-07 (289)	4.7153E-06 (289)	7.0560E-06 (282)	7.5914E-06 (216)
15	4.7395E-10 (247)	5.7358E-07 (247)	2.6788E-06 (198)	5.8268E-06 (198)	6.7726E-06 (198)
16	1.5348E-10 (184)	1.1704E-06 (263)	3.0117E-06 (240)	5.5915E-06 (240)	6.0536E-06 (189)
17	9.4626E-10 (189)	1.9647E-06 (263)	5.1818E-06 (247)	5.3443E-06 (59)	6.2369E-06 (59)
18	3.5120E-09 (189)	6.0575E-06 (189)	8.7861E-06 (247)	8.5224E-06 (247)	9.9307E-06 (247)
19	6.5252E-09 (247)	1.2448E-05 (247)	7.8326E-06 (252)	8.0379E-06 (189)	8.2754E-06 (208)
20	5.4183E-09 (163)	1.1563E-05 (163)	9.8412E-06 (252)	1.1678E-05 (189)	1.1414E-05 (189)
21	5.1721E-09 (189)	1.6403E-05 (163)	8.8403E-06 (163)	1.4049E-05 (252)	1.4226E-05 (189)
22	1.9479E-09 (189)	1.1563E-05 (163)	6.3551E-06 (158)	9.5973E-06 (265)	1.0334E-05 (252)
23	8.5568E-10 (248)	1.0777E-05 (186)	9.8940E-06 (189)	1.2666E-05 (156)	1.3046E-05 (156)
24	4.9950E-10 (163)	1.6395E-05 (186)	1.2184E-05 (158)	1.3655E-05 (156)	1.3717E-05 (156)
25	3.4880E-10 (247)	1.4364E-05 (248)	1.0292E-05 (156)	1.2139E-05 (265)	1.7087E-05 (86)
26	3.0928E-10 (247)	1.5724E-05 (156)	1.0384E-05 (156)	1.4326E-05 (265)	1.7826E-05 (257)
27	1.5514E-10 (247)	8.9776E-06 (156)	6.5119E-06 (267)	1.1913E-05 (310)	1.6034E-05 (208)
28	4.3839E-11 (247)	2.6503E-06 (247)	8.3828E-06 (186)	1.1706E-05 (186)	1.2444E-05 (197)
29	6.2511E-12 (247)	1.2301E-06 (186)	7.7067E-06 (27)	1.3175E-05 (163)	1.4314E-05 (27)
30	2.4519E-12 (212)	2.6042E-06 (248)	6.9478E-06 (241)	9.3919E-06 (163)	1.2375E-05 (241)
31	5.3405E-12 (212)	4.0769E-06 (163)	7.5867E-06 (212)	1.0311E-05 (196)	1.2461E-05 (212)
32	3.8255E-12 (212)	1.1178E-06 (196)	7.1225E-06 (196)	1.0551E-05 (307)	1.1482E-05 (61)
33	9.0124E-13 (212)	1.0794E-06 (196)	7.2325E-06 (229)	9.2556E-06 (248)	1.1811E-05 (314)
34	7.9472E-12 (215)	6.2003E-07 (186)	4.1030E-06 (223)	7.2705E-06 (240)	1.0351E-05 (54)
35	1.0313E-11 (248)	3.6859E-07 (136)	3.6688E-06 (262)	6.9391E-06 (262)	7.6758E-06 (238)
36	2.1881E-12 (136)	1.1711E-06 (136)	4.4238E-06 (315)	8.2708E-06 (64)	1.0506E-05 (136)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 1.5835E-04 DIRECTION= 9 DISTANCE= 2.5 KM DAY=124 TIME PERIOD= 4

YEAR= 72

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	2.2435E-11 (211, 4)	1.0649E-05 (211, 4)	4.9121E-05 (215, 4)	6.3393E-05 (233, 4)	7.0797E-05 (107, 4)
2	1.4571E-10 (241, 5)	1.0340E-05 (241, 5)	4.4982E-05 (110, 5)	7.4286E-05 (55, 5)	7.2005E-05 (215, 4)
3	1.0790E-09 (229, 4)	4.8159E-05 (241, 5)	8.2651E-05 (110, 5)	9.6572E-05 (215, 4)	9.0323E-05 (135, 5)
4	6.8454E-09 (229, 4)	9.9746E-05 (215, 4)	6.8973E-05 (102, 5)	8.3860E-05 (110, 5)	8.9633E-05 (110, 5)
5	2.3930E-08 (229, 4)	1.2824E-04 (241, 5)	8.0981E-05 (261, 5)	1.1924E-04 (261, 5)	1.1368E-04 (150, 4)
6	4.6096E-08 (229, 4)	1.3320E-04 (215, 4)	1.0492E-04 (215, 4)	1.2441E-04 (261, 5)	1.1888E-04 (194, 4)
7	4.8927E-08 (229, 4)	1.2325E-04 (229, 4)	9.5796E-05 (215, 4)	1.0034E-04 (216, 5)	1.1238E-04 (309, 5)
8	3.5591E-08 (207, 4)	9.7675E-05 (248, 4)	8.4615E-05 (207, 4)	9.3392E-05 (220, 4)	1.0118E-04 (220, 4)
9	3.7776E-08 (207, 4)	1.3237E-04 (222, 4)	1.1962E-04 (248, 4)	1.4644E-04 (242, 4)	1.5835E-04 (124, 4)
10	2.2094E-08 (207, 4)	1.1916E-04 (222, 4)	1.0812E-04 (222, 4)	1.3159E-04 (183, 5)	1.3323E-04 (242, 4)
11	2.1613E-08 (222, 4)	6.5356E-05 (222, 4)	6.8434E-05 (184, 4)	7.5415E-05 (248, 5)	6.5096E-05 (195, 4)
12	6.0249E-09 (222, 4)	1.9098E-05 (222, 4)	3.0261E-05 (222, 4)	4.0221E-05 (112, 4)	5.2475E-05 (250, 4)
13	8.7362E-10 (222, 4)	2.9272E-06 (289, 4)	3.3650E-05 (23, 5)	5.6870E-05 (23, 5)	7.7386E-05 (146, 4)
14	4.4364E-10 (247, 5)	3.7831E-06 (289, 4)	3.7616E-05 (289, 4)	5.6448E-05 (282, 4)	6.0676E-05 (216, 4)
15	3.7916E-09 (247, 5)	4.5886E-06 (247, 5)	2.1430E-05 (198, 6)	4.6614E-05 (198, 6)	5.4181E-05 (198, 6)
16	1.2278E-09 (184, 4)	8.2614E-06 (263, 4)	2.4094E-05 (240, 5)	4.4732E-05 (240, 5)	4.8429E-05 (189, 5)
17	7.5701E-09 (189, 5)	1.0354E-05 (189, 5)	3.8438E-05 (247, 5)	4.2754E-05 (59, 4)	4.9895E-05 (59, 4)
18	2.8096E-08 (189, 5)	4.8383E-05 (189, 5)	5.8284E-05 (263, 5)	6.1218E-05 (157, 5)	7.0763E-05 (260, 4)
19	5.2202E-08 (247, 5)	9.9538E-05 (247, 5)	4.4846E-05 (247, 5)	5.3200E-05 (252, 5)	5.6414E-05 (260, 4)
20	4.3347E-08 (163, 4)	9.2503E-05 (163, 4)	4.8090E-05 (163, 4)	5.8521E-05 (252, 4)	5.9225E-05 (252, 4)
21	4.1376E-08 (189, 5)	1.3122E-04 (163, 4)	7.0722E-05 (163, 4)	6.2244E-05 (265, 4)	7.6598E-05 (189, 4)
22	1.5583E-08 (189, 5)	9.2503E-05 (163, 4)	4.8281E-05 (163, 4)	6.4062E-05 (157, 6)	7.0711E-05 (264, 4)
23	6.8054E-09 (248, 5)	8.6215E-05 (186, 4)	6.6091E-05 (186, 4)	6.2042E-05 (217, 4)	6.6161E-05 (255, 3)
24	3.9960E-09 (163, 4)	9.9227E-05 (247, 4)	8.1418E-05 (158, 5)	8.1665E-05 (186, 4)	9.0556E-05 (255, 3)
25	1.7337E-09 (247, 5)	1.2368E-04 (247, 5)	7.7615E-05 (186, 4)	7.2194E-05 (247, 4)	7.9621E-05 (226, 4)
26	1.7337E-09 (247, 5)	1.2368E-04 (247, 5)	7.8943E-05 (156, 4)	8.4485E-05 (257, 4)	9.9387E-05 (247, 4)
27	9.5528E-10 (247, 5)	6.5673E-05 (248, 5)	5.1799E-05 (267, 4)	6.3947E-05 (265, 5)	7.8899E-05 (207, 3)
28	2.9005E-10 (247, 5)	2.0402E-05 (156, 4)	4.8537E-05 (154, 4)	6.2142E-05 (154, 4)	8.9255E-05 (230, 4)
29	4.8526E-11 (247, 5)	8.8638E-06 (186, 5)	5.0417E-05 (186, 5)	6.5260E-05 (186, 5)	6.3481E-05 (339, 4)
30	1.4972E-10 (248, 4)	2.0684E-05 (248, 4)	5.5514E-05 (241, 4)	7.5125E-05 (163, 4)	8.5004E-05 (345, 4)
31	4.2724E-11 (212, 5)	3.2615E-05 (163, 4)	5.3392E-05 (212, 5)	6.6130E-05 (223, 4)	6.7366E-05 (209, 3)
32	3.0604E-11 (212, 5)	8.2136E-06 (212, 5)	3.8020E-05 (229, 4)	7.1019E-05 (229, 4)	7.6338E-05 (229, 4)
33	7.2097E-12 (212, 5)	8.2849E-06 (186, 4)	5.7855E-05 (229, 4)	7.4043E-05 (248, 4)	9.0857E-05 (206, 3)
34	6.3577E-11 (215, 4)	4.9603E-06 (186, 4)	3.2573E-05 (223, 4)	5.3756E-05 (206, 3)	6.6380E-05 (206, 3)
35	8.2501E-11 (248, 4)	2.9487E-06 (136, 4)	2.9350E-05 (262, 4)	5.5513E-05 (262, 4)	6.1406E-05 (238, 4)
36	1.7505E-11 (136, 4)	9.3691E-06 (136, 4)	3.4392E-05 (315, 4)	6.6166E-05 (64, 4)	8.4046E-05 (136, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 3.0749E-05 DIRECTION= 5 DISTANCE= 1.0 KM DAY=222

YEAR= 73

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	1.0274E-09 (236)	1.1578E-05 (163)	8.1061E-06 (163)	7.3889E-06 (146)	9.2505E-06 (149)
2	2.6662E-09 (236)	1.0384E-05 (236)	8.1837E-06 (199)	1.0776E-05 (157)	1.2097E-05 (147)
3	3.8123E-09 (236)	1.4777E-05 (222)	1.4585E-05 (222)	1.6715E-05 (215)	1.5880E-05 (215)
4	2.8871E-09 (192)	2.1263E-05 (182)	1.7667E-05 (182)	1.5892E-05 (182)	1.4151E-05 (313)
5	3.8906E-09 (222)	3.0749E-05 (222)	2.8189E-05 (222)	2.1483E-05 (222)	2.1492E-05 (256)
6	4.9381E-09 (222)	2.3783E-05 (222)	1.9503E-05 (252)	2.0897E-05 (182)	2.1833E-05 (209)
7	3.4549E-09 (222)	1.2649E-05 (222)	1.9535E-05 (218)	2.4084E-05 (185)	2.4201E-05 (216)
8	1.3350E-09 (222)	5.0202E-06 (222)	1.8254E-05 (181)	2.4905E-05 (185)	2.4849E-05 (236)
9	3.8572E-10 (259)	2.6585E-06 (132)	1.6214E-05 (132)	2.2842E-05 (132)	2.3201E-05 (132)
10	5.6803E-10 (218)	4.4891E-06 (259)	1.1263E-05 (132)	1.6722E-05 (132)	1.8204E-05 (140)
11	9.5734E-11 (218)	2.3140E-06 (218)	1.0304E-05 (169)	1.4663E-05 (169)	1.5383E-05 (169)
12	5.8874E-11 (235)	1.2757E-06 (143)	5.8757E-06 (143)	8.3179E-06 (100)	9.2318E-06 (124)
13	4.2079E-10 (235)	1.6824E-06 (235)	4.1721E-06 (103)	6.4484E-06 (259)	5.4136E-06 (124)
14	1.6572E-09 (235)	4.0959E-06 (259)	5.8795E-06 (138)	8.2634E-06 (197)	9.5835E-06 (103)
15	6.7577E-10 (131)	1.0813E-05 (119)	6.6723E-06 (119)	8.6835E-06 (118)	9.4816E-06 (235)
16	2.2257E-09 (131)	2.3864E-05 (119)	1.5353E-05 (119)	1.1293E-05 (119)	1.0478E-05 (95)
17	4.0392E-09 (131)	2.0674E-05 (131)	1.6302E-05 (131)	1.2580E-05 (119)	1.0301E-05 (119)
18	4.0392E-09 (131)	1.6233E-05 (119)	9.3433E-06 (119)	1.3637E-05 (131)	1.1977E-05 (103)
19	2.2257E-09 (131)	1.0298E-05 (131)	6.6194E-06 (233)	1.0076E-05 (103)	1.1399E-05 (103)
20	1.5145E-09 (221)	5.2472E-06 (238)	1.0022E-05 (183)	1.5815E-05 (183)	1.5990E-05 (183)
21	2.4976E-09 (191)	1.0762E-05 (221)	1.2452E-05 (183)	2.1226E-05 (183)	2.2916E-05 (183)
22	5.6198E-09 (221)	1.6517E-05 (221)	1.4103E-05 (221)	1.6680E-05 (221)	1.7423E-05 (221)
23	4.4281E-09 (221)	1.3313E-05 (221)	1.8516E-05 (221)	1.8988E-05 (191)	1.7103E-05 (191)
24	1.9227E-09 (221)	5.6353E-06 (221)	1.2336E-05 (221)	1.7000E-05 (240)	2.0336E-05 (221)
25	1.1695E-09 (232)	1.0321E-05 (260)	1.0870E-05 (260)	1.4911E-05 (260)	1.7640E-05 (260)
26	1.1872E-09 (191)	1.6680E-05 (260)	1.2869E-05 (232)	1.6787E-05 (154)	1.8063E-05 (154)
27	1.7166E-10 (191)	1.3510E-05 (260)	1.1806E-05 (260)	1.6468E-05 (154)	1.7270E-05 (154)
28	7.3575E-11 (260)	5.4225E-06 (260)	1.4014E-05 (158)	2.0088E-05 (232)	1.9407E-05 (232)
29	1.7987E-10 (233)	1.7830E-06 (239)	9.1994E-06 (238)	1.5099E-05 (238)	1.6589E-05 (238)
30	3.5508E-10 (232)	1.4194E-06 (232)	6.5799E-06 (202)	1.2781E-05 (202)	1.4889E-05 (121)
31	4.6806E-11 (232)	1.8289E-06 (261)	6.6538E-06 (217)	8.3096E-06 (224)	1.1205E-05 (322)
32	5.5978E-11 (261)	7.4063E-06 (261)	1.4192E-05 (224)	1.8671E-05 (217)	1.9102E-05 (157)
33	1.0159E-10 (261)	1.4265E-05 (233)	1.5153E-05 (202)	2.1722E-05 (224)	2.3088E-05 (217)
34	1.0159E-10 (261)	6.6100E-06 (233)	1.1714E-05 (261)	1.5541E-05 (202)	1.7579E-05 (202)
35	6.7769E-10 (199)	7.4063E-06 (261)	9.0983E-06 (228)	1.3752E-05 (163)	1.3982E-05 (177)
36	2.1817E-10 (236)	4.6742E-06 (199)	1.2490E-05 (160)	1.3738E-05 (163)	1.3681E-05 (148)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAX3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 1.6064E-04 DIRECTION= 28 DISTANCE= 2.0 KM DAY=158 TIME PERIOD= 4

YEAR= 73

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	8.2195E-09 (230, 4)	9.2332E-05 (103, 4)	6.0488E-05 (160, 4)	5.4889E-05 (156, 5)	5.5740E-05 (226, 4)
2	2.1329E-08 (230, 4)	8.3069E-05 (236, 4)	6.5470E-05 (199, 4)	8.6206E-05 (157, 5)	8.4039E-05 (159, 6)
3	3.0498E-08 (230, 4)	1.1822E-04 (222, 4)	8.8100E-05 (151, 5)	9.5063E-05 (269, 5)	1.1477E-04 (151, 5)
4	2.3097E-08 (192, 4)	1.2290E-04 (173, 5)	9.2351E-05 (173, 5)	9.0018E-05 (165, 4)	9.7276E-05 (313, 4)
5	3.1124E-08 (222, 4)	1.3574E-04 (182, 4)	1.3756E-04 (182, 4)	1.4035E-04 (182, 4)	1.3908E-04 (222, 4)
6	3.9503E-08 (222, 4)	1.4521E-04 (252, 4)	1.1925E-04 (252, 4)	1.1259E-04 (132, 4)	1.0381E-04 (228, 5)
7	2.7627E-08 (222, 4)	9.7758E-05 (222, 4)	1.0183E-04 (216, 5)	1.2808E-04 (216, 5)	1.1969E-04 (209, 4)
8	1.0646E-08 (222, 4)	2.9235E-05 (222, 4)	9.4948E-05 (185, 4)	1.3553E-04 (181, 4)	1.3647E-04 (181, 4)
9	3.0857E-09 (259, 4)	1.2060E-05 (161, 4)	8.1404E-05 (132, 5)	1.1264E-04 (152, 4)	1.1392E-04 (152, 4)
10	4.5442E-09 (218, 4)	3.2985E-05 (259, 4)	5.6647E-05 (132, 5)	8.2876E-05 (132, 5)	9.0782E-05 (140, 4)
11	7.6587E-10 (218, 4)	1.8483E-05 (218, 4)	6.9736E-05 (259, 4)	6.4257E-05 (215, 5)	7.5138E-05 (235, 6)
12	4.7099E-10 (235, 5)	1.0173E-05 (143, 5)	4.5417E-05 (143, 5)	6.0513E-05 (208, 4)	5.8817E-05 (100, 4)
13	3.3063E-09 (235, 5)	1.3252E-05 (235, 5)	2.9321E-05 (103, 5)	4.9075E-05 (103, 5)	4.3201E-05 (78, 5)
14	1.3258E-08 (235, 5)	3.2767E-05 (259, 4)	4.7035E-05 (138, 4)	6.6107E-05 (197, 5)	7.1212E-05 (103, 5)
15	5.4062E-09 (131, 4)	5.7280E-05 (119, 4)	3.9790E-05 (119, 4)	6.0761E-05 (103, 5)	6.8215E-05 (103, 5)
16	1.7806E-08 (131, 4)	1.0748E-04 (119, 4)	7.9656E-05 (119, 4)	6.0827E-05 (119, 4)	6.0486E-05 (356, 5)
17	3.2314E-08 (131, 4)	1.2421E-04 (235, 5)	9.0100E-05 (235, 5)	6.7213E-05 (235, 5)	5.9666E-05 (53, 4)
18	3.2314E-08 (131, 4)	1.2851E-04 (238, 5)	6.1950E-05 (238, 5)	6.4644E-05 (190, 5)	7.4222E-05 (103, 4)
19	1.7806E-08 (131, 4)	8.2388E-05 (131, 4)	4.9158E-05 (238, 5)	7.8964E-05 (103, 4)	8.6716E-05 (103, 4)
20	1.2116E-08 (221, 5)	4.1977E-05 (238, 5)	4.7033E-05 (183, 4)	6.6081E-05 (183, 4)	8.1727E-05 (131, 4)
21	1.0659E-08 (191, 4)	8.4947E-05 (221, 5)	7.2274E-05 (183, 4)	9.8872E-05 (233, 5)	8.5544E-05 (233, 5)
22	2.9359E-08 (191, 4)	8.8837E-05 (233, 5)	7.7607E-05 (233, 4)	9.9389E-05 (78, 4)	1.1138E-04 (78, 4)
23	4.3898E-08 (191, 5)	1.2542E-04 (191, 5)	9.5255E-05 (221, 5)	9.4477E-05 (221, 5)	8.4325E-05 (125, 4)
24	3.7263E-08 (191, 4)	1.0534E-04 (191, 4)	6.6795E-05 (120, 4)	6.6861E-05 (221, 5)	7.0066E-05 (240, 5)
25	1.7172E-08 (191, 4)	4.7449E-05 (191, 4)	5.1402E-05 (260, 5)	8.9482E-05 (240, 5)	1.0199E-04 (240, 3)
26	5.1394E-09 (191, 5)	1.3179E-04 (260, 5)	8.8180E-05 (260, 5)	7.5496E-05 (154, 5)	7.0245E-05 (154, 5)
27	1.2773E-09 (260, 5)	1.0685E-04 (260, 5)	8.4080E-05 (158, 4)	1.0984E-04 (158, 4)	1.0152E-04 (158, 4)
28	5.8860E-10 (260, 5)	4.3040E-05 (260, 5)	1.1183E-04 (158, 4)	1.6064E-04 (158, 4)	1.5522E-04 (232, 4)
29	1.4390E-09 (233, 5)	8.9240E-06 (239, 5)	5.5648E-05 (239, 5)	7.1425E-05 (158, 4)	7.1843E-05 (158, 4)
30	2.8407E-09 (232, 4)	1.1355E-05 (232, 4)	4.6097E-05 (204, 5)	5.9517E-05 (206, 3)	8.6033E-05 (206, 3)
31	3.7445E-10 (232, 4)	1.4631E-05 (261, 4)	4.6417E-05 (204, 5)	5.6498E-05 (202, 5)	7.5221E-05 (112, 4)
32	4.4782E-10 (261, 4)	5.9250E-05 (261, 4)	6.6300E-05 (217, 4)	9.1339E-05 (157, 4)	9.4967E-05 (322, 5)
33	8.1271E-10 (261, 4)	1.1412E-04 (233, 5)	8.9467E-05 (224, 5)	1.1614E-04 (202, 5)	1.1461E-04 (202, 5)
34	8.1271E-10 (261, 4)	5.2880E-05 (233, 5)	6.8534E-05 (217, 4)	8.1218E-05 (289, 4)	9.6145E-05 (289, 4)
35	5.4215E-09 (199, 4)	5.9250E-05 (261, 4)	4.9684E-05 (150, 4)	6.4763E-05 (226, 4)	7.1188E-05 (40, 4)
36	1.7454E-09 (236, 4)	3.7394E-05 (199, 4)	5.7921E-05 (160, 4)	6.8939E-05 (160, 4)	7.7667E-05 (148, 5)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 2.5218E-05 DIRECTION= 9 DISTANCE= 2.5 KM DAY=230

YEAR= 74

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	3.1631E-09 (237)	1.6016E-05 (221)	1.1339E-05 (242)	1.2383E-05 (161)	1.2916E-05 (98)
2	8.0316E-10 (237)	1.0523E-05 (161)	9.2806E-06 (161)	1.0475E-05 (310)	1.3084E-05 (127)
3	1.3308E-09 (199)	3.4378E-06 (199)	1.1346E-05 (207)	1.3700E-05 (152)	1.3475E-05 (216)
4	8.3146E-10 (221)	9.9039E-06 (173)	8.5173E-06 (173)	1.2959E-05 (229)	1.3949E-05 (90)
5	1.2348E-10 (221)	1.5100E-05 (173)	1.3639E-05 (158)	1.6321E-05 (234)	1.5089E-05 (234)
6	5.6756E-10 (156)	1.2105E-05 (199)	1.4949E-05 (151)	2.0453E-05 (129)	2.0742E-05 (129)
7	1.6891E-09 (199)	6.1973E-06 (156)	1.3035E-05 (197)	1.8542E-05 (197)	1.7870E-05 (197)
8	4.0407E-10 (199)	9.9912E-06 (109)	1.1414E-05 (198)	1.8543E-05 (148)	2.0068E-05 (196)
9	1.0891E-10 (223)	1.5200E-05 (109)	1.4790E-05 (173)	2.2030E-05 (198)	2.5218E-05 (230)
10	2.0973E-10 (223)	1.5473E-05 (223)	1.2753E-05 (211)	1.5395E-05 (189)	1.9917E-05 (189)
11	2.2260E-10 (223)	1.6461E-05 (223)	1.2832E-05 (211)	1.2281E-05 (200)	1.5372E-05 (200)
12	1.7339E-10 (211)	8.7955E-06 (223)	8.3156E-06 (167)	8.7683E-06 (223)	1.1329E-05 (200)
13	4.1956E-11 (223)	2.3264E-06 (223)	6.0862E-06 (237)	8.7654E-06 (211)	7.2528E-06 (237)
14	1.1024E-11 (234)	5.8065E-07 (234)	1.9864E-06 (237)	5.3863E-06 (99)	4.5594E-06 (222)
15	5.1917E-11 (234)	3.5770E-06 (234)	2.9324E-06 (109)	5.1146E-06 (128)	6.5996E-06 (364)
16	1.5978E-11 (211)	7.5827E-07 (211)	5.7694E-06 (282)	7.2270E-06 (109)	9.1215E-06 (291)
17	2.3319E-11 (243)	7.4000E-07 (243)	4.6386E-06 (282)	9.3225E-06 (234)	8.4625E-06 (338)
18	1.3887E-10 (196)	4.2511E-06 (243)	5.8504E-06 (108)	1.0441E-05 (311)	1.2279E-05 (108)
19	2.5295E-10 (243)	4.7315E-06 (234)	4.8207E-06 (108)	7.1413E-06 (311)	7.7421E-06 (108)
20	3.6600E-10 (233)	8.0415E-06 (196)	5.1376E-06 (114)	8.6206E-06 (311)	1.0615E-05 (311)
21	1.7236E-09 (233)	1.2135E-05 (243)	9.2384E-06 (265)	1.1135E-05 (264)	1.4084E-05 (264)
22	3.9089E-09 (196)	1.3059E-05 (165)	1.1340E-05 (165)	1.6931E-05 (265)	1.8940E-05 (265)
23	2.0933E-09 (204)	1.6523E-05 (233)	1.9279E-05 (165)	1.6531E-05 (171)	1.7771E-05 (171)
24	4.2798E-09 (204)	1.5597E-05 (238)	1.4234E-05 (230)	1.2521E-05 (306)	2.0355E-05 (284)
25	2.1876E-09 (233)	1.6727E-05 (238)	1.2103E-05 (204)	1.7479E-05 (286)	2.0634E-05 (305)
26	2.9913E-09 (172)	1.4465E-05 (260)	1.4937E-05 (204)	2.0943E-05 (305)	2.4001E-05 (110)
27	5.2318E-09 (227)	1.6472E-05 (180)	1.5021E-05 (116)	2.2061E-05 (110)	2.3234E-05 (110)
28	5.2318E-09 (227)	1.5099E-05 (227)	1.2778E-05 (172)	1.5110E-05 (172)	1.4973E-05 (172)
29	3.2820E-09 (240)	1.5035E-05 (164)	1.9196E-05 (240)	1.9267E-05 (221)	1.7285E-05 (221)
30	3.5995E-09 (159)	1.6686E-05 (243)	1.5304E-05 (221)	1.3200E-05 (221)	1.3583E-05 (67)
31	5.9556E-09 (240)	1.4493E-05 (187)	1.3179E-05 (187)	1.6028E-05 (240)	1.6814E-05 (136)
32	4.7783E-09 (221)	1.6493E-05 (159)	1.2331E-05 (226)	1.3844E-05 (187)	1.5878E-05 (242)
33	6.1627E-09 (159)	1.4956E-05 (97)	1.6137E-05 (221)	1.7276E-05 (221)	1.6497E-05 (226)
34	5.0461E-09 (221)	1.2373E-05 (221)	1.5624E-05 (159)	1.4907E-05 (199)	1.6132E-05 (199)
35	3.4565E-09 (221)	7.0331E-06 (221)	1.0347E-05 (242)	1.5861E-05 (242)	1.6489E-05 (187)
36	4.8503E-09 (221)	1.3204E-05 (237)	1.1980E-05 (242)	9.8095E-06 (161)	9.4255E-06 (164)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 1.5414E-04 DIRECTION= 29 DISTANCE= 2.0 KM DAY=221 TIME PERIOD= 4

YEAR= 74

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	2.5305E-08 (237, 5)	1.2716E-04 (221, 5)	7.0497E-05 (221, 5)	7.0632E-05 (242, 5)	7.1457E-05 (98, 5)
2	6.4252E-09 (237, 5)	8.4181E-05 (161, 4)	6.0422E-05 (221, 5)	8.1170E-05 (207, 5)	9.3992E-05 (310, 4)
3	1.0646E-08 (199, 5)	2.7503E-05 (199, 5)	5.1815E-05 (158, 5)	8.8928E-05 (207, 4)	7.9439E-05 (207, 4)
4	6.6517E-09 (221, 5)	7.9231E-05 (173, 5)	6.8138E-05 (173, 5)	9.6992E-05 (229, 4)	1.0079E-04 (229, 4)
5	9.8780E-10 (221, 5)	1.2080E-04 (173, 5)	1.0083E-04 (234, 5)	1.0782E-04 (204, 5)	9.8774E-05 (158, 5)
6	4.5132E-09 (156, 4)	9.6840E-05 (199, 5)	9.3580E-05 (173, 5)	1.2023E-04 (151, 5)	1.1164E-04 (151, 5)
7	1.3512E-08 (199, 5)	4.6812E-05 (156, 4)	7.3763E-05 (200, 4)	9.4617E-05 (129, 4)	1.1209E-04 (205, 5)
8	3.2325E-09 (199, 5)	7.9930E-05 (109, 5)	8.5550E-05 (197, 5)	1.1455E-04 (148, 4)	1.1508E-04 (148, 4)
9	8.7099E-10 (223, 4)	1.2160E-04 (109, 5)	8.2625E-05 (151, 4)	1.2154E-04 (243, 5)	1.2625E-04 (151, 4)
10	1.6777E-09 (223, 4)	1.1813E-04 (211, 5)	9.9309E-05 (211, 5)	8.4156E-05 (211, 5)	9.1013E-05 (121, 4)
11	1.7808E-09 (223, 4)	1.0264E-04 (211, 5)	8.4006E-05 (211, 5)	7.7916E-05 (200, 5)	8.5918E-05 (200, 5)
12	1.3864E-09 (211, 4)	7.0099E-05 (223, 4)	5.6694E-05 (223, 4)	6.4129E-05 (195, 5)	6.2563E-05 (133, 5)
13	3.3565E-10 (223, 4)	1.8564E-05 (223, 4)	4.8690E-05 (237, 5)	6.2878E-05 (237, 5)	5.4647E-05 (211, 4)
14	8.8194E-11 (234, 4)	4.6448E-06 (234, 4)	1.5892E-05 (237, 5)	2.6823E-05 (99, 5)	3.5263E-05 (211, 4)
15	4.1534E-10 (234, 4)	2.8616E-05 (234, 4)	2.3459E-05 (109, 6)	4.0916E-05 (128, 4)	5.2797E-05 (364, 5)
16	1.2783E-10 (211, 4)	6.0661E-06 (211, 4)	3.5698E-05 (109, 6)	5.7769E-05 (282, 4)	5.9016E-05 (167, 6)
17	1.8655E-10 (243, 5)	5.9200E-06 (243, 5)	3.2905E-05 (180, 5)	5.1184E-05 (180, 5)	5.8250E-05 (282, 5)
18	1.1109E-09 (196, 4)	3.4009E-05 (243, 5)	4.1566E-05 (211, 4)	6.3395E-05 (211, 4)	7.8229E-05 (257, 5)
19	2.0236E-09 (243, 5)	3.7852E-05 (234, 4)	3.4572E-05 (108, 5)	4.5440E-05 (122, 3)	4.7470E-05 (108, 5)
20	2.9280E-09 (233, 4)	6.4332E-05 (196, 4)	4.1010E-05 (114, 4)	6.5883E-05 (282, 4)	7.6106E-05 (282, 4)
21	1.3789E-08 (233, 4)	9.7084E-05 (243, 5)	5.8004E-05 (196, 4)	7.8907E-05 (264, 5)	8.8128E-05 (264, 5)
22	3.1272E-08 (196, 4)	1.0447E-04 (165, 4)	8.9846E-05 (165, 4)	9.4183E-05 (265, 4)	1.1184E-04 (265, 4)
23	1.6746E-08 (204, 4)	1.3218E-04 (233, 4)	1.5413E-04 (165, 4)	1.1966E-04 (165, 4)	9.8379E-05 (165, 4)
24	3.4238E-08 (204, 4)	1.2478E-04 (238, 4)	1.1387E-04 (238, 4)	9.4566E-05 (306, 4)	1.0476E-04 (306, 4)
25	1.7501E-08 (233, 4)	1.3381E-04 (238, 4)	9.6813E-05 (204, 4)	1.0582E-04 (110, 5)	1.1984E-04 (110, 5)
26	2.3930E-08 (172, 4)	1.1572E-04 (260, 4)	9.7369E-05 (180, 4)	1.0350E-04 (110, 4)	9.6077E-05 (110, 4)
27	4.1855E-08 (227, 4)	1.3178E-04 (180, 4)	1.1609E-04 (180, 4)	1.2537E-04 (204, 4)	1.1324E-04 (170, 4)
28	4.1855E-08 (227, 4)	1.2079E-04 (227, 4)	9.2715E-05 (227, 4)	8.1555E-05 (221, 4)	7.0897E-05 (221, 4)
29	2.0256E-08 (240, 4)	1.2028E-04 (164, 4)	1.5356E-04 (240, 4)	1.5414E-04 (221, 4)	1.3828E-04 (221, 4)
30	2.8796E-08 (159, 5)	1.3349E-04 (243, 4)	1.2238E-04 (221, 4)	1.0555E-04 (221, 4)	9.0686E-05 (238, 4)
31	4.7645E-08 (240, 4)	1.1595E-04 (187, 4)	1.0543E-04 (187, 4)	1.2725E-04 (237, 4)	1.0618E-04 (240, 4)
32	3.8213E-08 (221, 4)	1.3138E-04 (159, 5)	9.8625E-05 (226, 4)	1.0287E-04 (226, 4)	1.0839E-04 (64, 4)
33	4.9300E-08 (159, 5)	1.1963E-04 (97, 5)	1.0334E-04 (97, 5)	1.1042E-04 (97, 5)	1.0458E-04 (97, 5)
34	3.8094E-08 (221, 4)	9.2077E-05 (221, 4)	6.9475E-05 (159, 5)	1.1202E-04 (226, 4)	1.0466E-04 (159, 4)
35	1.5581E-08 (221, 4)	5.3018E-05 (226, 4)	6.3995E-05 (237, 5)	7.9842E-05 (236, 5)	8.9747E-05 (236, 5)
36	3.5291E-08 (221, 5)	1.0563E-04 (237, 5)	5.3199E-05 (242, 5)	6.6957E-05 (242, 4)	7.0581E-05 (236, 5)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 2.7417E-05 DIRECTION= 27 DISTANCE= 2.5 KM DAY=248

YEAR= 75

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	6.1158E-09 (162)	1.5467E-05 (162)	1.1994E-05 (218)	1.5264E-05 (120)	1.3724E-05 (120)
2	4.3000E-09 (120)	1.3333E-05 (218)	9.5180E-06 (218)	1.2562E-05 (119)	1.9146E-05 (92)
3	3.6769E-09 (171)	1.3268E-05 (179)	9.7512E-06 (122)	1.3898E-05 (203)	1.6203E-05 (118)
4	4.9532E-09 (171)	1.5942E-05 (145)	1.3194E-05 (161)	1.7715E-05 (122)	1.7153E-05 (122)
5	3.8846E-09 (145)	1.2050E-05 (171)	1.3968E-05 (181)	1.5458E-05 (132)	1.9372E-05 (137)
6	5.0636E-09 (181)	1.4406E-05 (176)	1.3326E-05 (146)	1.6245E-05 (167)	1.7831E-05 (167)
7	2.6292E-09 (181)	1.5506E-05 (176)	1.6354E-05 (178)	2.2801E-05 (185)	2.1988E-05 (178)
8	1.1052E-09 (243)	1.1648E-05 (230)	1.7102E-05 (230)	2.0129E-05 (189)	2.2206E-05 (185)
9	1.1527E-09 (176)	1.0082E-05 (206)	1.4783E-05 (230)	2.5498E-05 (179)	2.6515E-05 (179)
10	7.4360E-10 (97)	1.8163E-05 (206)	1.7513E-05 (243)	2.0041E-05 (179)	1.9927E-05 (179)
11	1.5192E-09 (97)	1.7802E-05 (206)	1.5007E-05 (243)	1.4664E-05 (166)	1.4593E-05 (166)
12	1.7115E-09 (97)	8.8301E-06 (206)	7.7116E-06 (97)	8.3693E-06 (177)	9.4799E-06 (177)
13	1.0624E-09 (97)	3.5741E-06 (177)	6.8650E-06 (230)	1.4073E-05 (244)	1.7487E-05 (226)
14	3.6342E-10 (97)	2.3919E-06 (97)	6.2660E-06 (180)	1.0001E-05 (180)	1.1276E-05 (180)
15	1.0774E-10 (144)	8.4174E-06 (144)	6.0084E-06 (244)	9.7775E-06 (177)	8.0442E-06 (177)
16	1.8422E-10 (144)	1.2365E-05 (177)	9.2408E-06 (177)	9.2478E-06 (95)	1.1159E-05 (95)
17	1.7356E-10 (144)	4.6452E-06 (177)	7.4679E-06 (95)	7.0869E-06 (169)	9.2822E-06 (105)
18	9.0101E-11 (144)	3.3629E-06 (143)	3.9767E-06 (95)	6.4263E-06 (95)	7.2622E-06 (95)
19	9.1500E-11 (176)	9.7857E-06 (181)	7.7166E-06 (181)	6.9430E-06 (228)	7.1188E-06 (143)
20	1.7356E-10 (181)	1.0334E-05 (143)	1.0345E-05 (143)	1.2336E-05 (106)	1.1636E-05 (293)
21	1.8027E-10 (181)	1.3269E-05 (143)	8.7445E-06 (143)	1.0910E-05 (106)	1.2919E-05 (64)
22	1.0797E-10 (181)	1.2677E-05 (181)	1.3602E-05 (181)	1.3214E-05 (141)	1.4642E-05 (176)
23	3.5390E-11 (116)	4.0893E-06 (181)	8.2356E-06 (181)	1.0418E-05 (176)	1.3452E-05 (175)
24	1.2087E-10 (116)	8.2767E-06 (176)	8.6298E-06 (116)	1.1341E-05 (247)	1.1544E-05 (142)
25	2.2766E-10 (116)	2.1917E-06 (176)	1.0768E-05 (250)	1.4997E-05 (250)	1.4462E-05 (250)
26	2.3648E-10 (116)	2.1029E-06 (250)	1.3865E-05 (247)	1.5938E-05 (250)	2.1550E-05 (253)
27	4.9951E-10 (219)	5.2871E-06 (217)	1.5956E-05 (248)	2.4837E-05 (248)	2.7417E-05 (248)
28	2.2163E-09 (219)	4.5517E-06 (143)	1.2118E-05 (248)	1.7595E-05 (248)	1.9470E-05 (250)
29	5.4183E-09 (219)	1.1580E-05 (219)	1.0098E-05 (250)	1.3830E-05 (217)	1.5198E-05 (217)
30	4.7564E-09 (217)	1.6445E-05 (219)	1.1410E-05 (219)	1.4129E-05 (219)	1.6332E-05 (219)
31	3.6764E-09 (242)	1.1591E-05 (219)	8.9223E-06 (114)	1.1616E-05 (114)	1.4786E-05 (215)
32	2.2163E-09 (219)	8.0448E-06 (205)	8.7429E-06 (114)	1.2373E-05 (242)	1.4096E-05 (215)
33	4.9950E-10 (219)	1.1805E-05 (242)	1.2237E-05 (242)	1.6387E-05 (114)	1.5422E-05 (114)
34	8.5568E-10 (162)	4.2407E-06 (242)	1.3885E-05 (114)	2.0562E-05 (114)	2.0386E-05 (205)
35	1.7255E-09 (218)	6.6829E-06 (162)	7.1565E-06 (147)	1.2231E-05 (147)	1.2882E-05 (147)
36	4.7525E-09 (218)	1.0083E-05 (218)	8.8482E-06 (120)	1.0521E-05 (120)	1.0986E-05 (249)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 1.4214E-04 DIRECTION= 10 DISTANCE= 1.0 KM DAY=206 TIME PERIOD= 4

YEAR= 75

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	4.8927E-08 (162, 4)	1.2374E-04 (162, 4)	9.5955E-05 (218, 4)	1.2211E-04 (120, 4)	1.0979E-04 (120, 4)
2	3.4400E-08 (120, 4)	1.0660E-04 (218, 4)	7.2613E-05 (126, 4)	7.4060E-05 (125, 5)	9.1611E-05 (66, 4)
3	2.9411E-08 (171, 4)	1.0609E-04 (179, 5)	5.7619E-05 (126, 4)	9.3072E-05 (216, 5)	1.0871E-04 (216, 5)
4	3.9621E-08 (171, 4)	1.2731E-04 (145, 4)	7.8109E-05 (145, 4)	8.3499E-05 (122, 4)	8.6105E-05 (109, 5)
5	3.1013E-08 (145, 4)	9.3945E-05 (171, 4)	1.0352E-04 (161, 4)	1.2339E-04 (132, 4)	1.1140E-04 (132, 4)
6	4.0508E-08 (181, 5)	1.1519E-04 (176, 4)	8.9318E-05 (146, 4)	1.2577E-04 (146, 4)	1.1889E-04 (181, 5)
7	2.1033E-08 (181, 5)	1.2353E-04 (176, 4)	9.7172E-05 (185, 4)	1.0234E-04 (230, 4)	1.0887E-04 (181, 5)
8	9.3218E-09 (243, 4)	9.1594E-05 (230, 4)	1.0326E-04 (185, 4)	1.0808E-04 (185, 4)	9.9537E-05 (185, 4)
9	9.2218E-09 (170, 4)	7.0634E-05 (206, 4)	1.0012E-04 (166, 5)	1.3721E-04 (166, 5)	1.3351E-04 (156, 4)
10	5.9442E-09 (97, 4)	1.4214E-04 (206, 4)	1.2938E-04 (206, 4)	9.9857E-05 (206, 4)	8.9165E-05 (243, 4)
11	1.2153E-08 (97, 4)	1.4214E-04 (206, 4)	1.2005E-04 (243, 4)	9.2013E-05 (243, 4)	8.1684E-05 (206, 4)
12	1.3692E-08 (97, 4)	7.0634E-05 (206, 4)	5.9848E-05 (206, 4)	5.8222E-05 (128, 4)	6.3237E-05 (140, 6)
13	8.4995E-09 (97, 4)	2.8094E-05 (177, 4)	4.2002E-05 (180, 5)	6.5975E-05 (230, 5)	8.0685E-05 (226, 4)
14	2.9073E-09 (97, 4)	1.9135E-05 (97, 4)	4.4837E-05 (180, 5)	5.8893E-05 (180, 5)	7.3183E-05 (328, 5)
15	8.6193E-10 (144, 4)	6.7339E-05 (144, 4)	3.7659E-05 (144, 4)	5.8353E-05 (178, 4)	6.1378E-05 (134, 4)
16	1.4737E-09 (144, 4)	9.8920E-05 (177, 4)	7.3926E-05 (177, 4)	5.8577E-05 (244, 5)	5.8999E-05 (244, 5)
17	1.3885E-09 (144, 4)	3.7162E-05 (177, 4)	4.2937E-05 (95, 4)	5.3108E-05 (131, 4)	6.7316E-05 (105, 5)
18	7.2081E-10 (144, 4)	2.4353E-05 (143, 4)	2.9883E-05 (144, 4)	4.5475E-05 (95, 4)	5.1607E-05 (95, 4)
19	7.3200E-10 (170, 4)	7.8285E-05 (181, 4)	4.6762E-05 (143, 4)	4.7901E-05 (94, 4)	5.4260E-05 (94, 4)
20	1.3885E-09 (181, 4)	1.3048E-04 (143, 4)	8.0590E-05 (143, 4)	5.9875E-05 (143, 4)	6.9054E-05 (228, 6)
21	1.4742E-09 (181, 4)	1.0615E-04 (143, 4)	6.9890E-05 (143, 4)	7.6915E-05 (176, 4)	9.4947E-05 (64, 5)
22	8.6374E-10 (181, 4)	1.0142E-04 (181, 4)	1.0881E-04 (181, 4)	1.0177E-04 (181, 4)	9.2549E-05 (181, 4)
23	2.8312E-10 (110, 4)	3.2714E-05 (181, 4)	6.5885E-05 (181, 4)	8.1876E-05 (176, 4)	8.0668E-05 (85, 5)
24	9.0695E-10 (110, 4)	6.6211E-05 (176, 4)	6.8384E-05 (116, 4)	8.7314E-05 (247, 5)	8.7979E-05 (247, 5)
25	1.8213E-09 (110, 4)	1.7530E-05 (176, 4)	7.0985E-05 (236, 4)	1.0666E-04 (97, 4)	9.2307E-05 (116, 4)
26	1.8919E-09 (110, 4)	9.8503E-06 (247, 4)	7.9520E-05 (247, 4)	1.1730E-04 (116, 4)	9.6041E-05 (116, 4)
27	3.9961E-09 (219, 4)	4.2296E-05 (217, 4)	8.2269E-05 (248, 5)	1.1348E-04 (248, 5)	1.0767E-04 (248, 5)
28	1.7730E-08 (219, 4)	3.6327E-05 (143, 5)	5.9870E-05 (143, 5)	7.3186E-05 (250, 5)	8.1105E-05 (286, 4)
29	4.3347E-08 (219, 4)	9.2639E-05 (219, 4)	7.8429E-05 (221, 5)	9.3887E-05 (217, 4)	8.0874E-05 (217, 4)
30	3.8051E-08 (217, 4)	1.3155E-04 (219, 4)	8.9512E-05 (219, 4)	1.0065E-04 (219, 4)	1.0342E-04 (219, 4)
31	2.9411E-08 (242, 4)	9.2728E-05 (219, 4)	6.5502E-05 (217, 4)	7.9949E-05 (217, 4)	7.9137E-05 (215, 3)
32	1.7730E-08 (219, 4)	6.3199E-05 (205, 4)	5.7294E-05 (168, 4)	8.5732E-05 (168, 4)	9.1569E-05 (168, 4)
33	3.9960E-09 (219, 4)	9.4440E-05 (242, 4)	9.7510E-05 (242, 4)	1.1726E-04 (170, 4)	1.1674E-04 (170, 4)
34	9.8454E-09 (162, 4)	3.3926E-05 (242, 4)	1.0476E-04 (114, 5)	1.2419E-04 (205, 4)	1.1330E-04 (216, 4)
35	1.3804E-08 (218, 4)	5.3464E-05 (162, 4)	5.7225E-05 (147, 4)	9.7423E-05 (147, 4)	9.2181E-05 (205, 4)
36	3.8020E-08 (218, 4)	8.0663E-05 (218, 4)	7.0786E-05 (120, 4)	7.1719E-05 (205, 4)	7.0779E-05 (205, 4)

COMPOSITE HIGHEST,SECOND-HIGHEST 24-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	0.	16.	12.	15.	14.
2	0.	13.	10.	13.	19.
3	0.	15.	15.	17.	16.
4	0.	21.	18.	18.	17.
5	0.	31.	28.	23.	21.
6	0.	24.	20.	21.	22.
7	0.	16.	20.	24.	24.
8	0.	14.	18.	25.	25.
9	0.	17.	20.	32.	34.
10	0.	18.	19.	27.	27.
11	0.	18.	15.	15.	15.
12	0.	9.	12.	9.	14.
13	0.	5.	8.	14.	17.
14	0.	4.	6.	10.	11.
15	0.	11.	8.	10.	10.
16	0.	24.	15.	11.	11.
17	0.	21.	16.	13.	10.
18	0.	16.	9.	14.	12.
19	0.	12.	8.	10.	11.
20	0.	10.	10.	16.	16.
21	0.	16.	12.	21.	23.
22	0.	17.	14.	17.	19.
23	0.	17.	19.	19.	18.
24	0.	16.	14.	17.	20.
25	0.	17.	12.	17.	21.
26	0.	17.	15.	21.	24.
27	0.	16.	16.	25.	27.
28	0.	16.	14.	20.	19.
29	0.	15.	19.	19.	17.
30	0.	17.	15.	14.	16.
31	0.	14.	13.	16.	17.
32	0.	16.	14.	19.	19.
33	0.	15.	16.	22.	23.
34	0.	12.	16.	21.	20.
35	0.	7.	13.	18.	18.
36	0.	13.	12.	19.	19.

COMPOSITE HIGHEST, SECOND-HIGHEST 3-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	0.5 KM	1.0 KM	1.5 KM	2.0 KM	2.5 KM
1	0.	127.	96.	122.	110.
2	0.	107.	80.	86.	97.
3	0.	118.	88.	111.	115.
4	0.	127.	109.	97.	101.
5	0.	136.	138.	140.	139.
6	0.	145.	119.	126.	119.
7	0.	124.	102.	128.	120.
8	0.	107.	103.	136.	136.
9	0.	133.	125.	146.	158.
10	0.	144.	153.	136.	133.
11	0.	142.	120.	92.	86.
12	0.	71.	84.	74.	77.
13	0.	40.	49.	66.	81.
14	0.	33.	47.	66.	73.
15	0.	72.	54.	61.	68.
16	0.	107.	80.	61.	60.
17	0.	124.	90.	67.	67.
18	0.	129.	62.	65.	78.
19	0.	100.	49.	79.	87.
20	0.	130.	81.	66.	82.
21	0.	131.	72.	99.	95.
22	0.	104.	109.	102.	112.
23	0.	132.	154.	120.	98.
24	0.	125.	114.	95.	105.
25	0.	134.	97.	107.	120.
26	0.	132.	97.	117.	99.
27	0.	132.	116.	125.	113.
28	0.	129.	112.	161.	155.
29	0.	120.	154.	154.	138.
30	0.	133.	122.	106.	103.
31	0.	116.	105.	127.	106.
32	0.	131.	99.	103.	108.
33	0.	120.	103.	117.	117.
34	0.	92.	105.	124.	113.
35	0.	59.	99.	127.	117.
36	0.	106.	73.	117.	119.

RING DISTANCES(KM)= 3.00 3.50 4.00 4.50 5.00

STACK # 1--TECO 4 100X 31.5T/H SO2

STACK	MONTH	EMISSION RATE (GMS/SEC)	HEIGHT (METERS)	DIAMETER (METERS)	EXIT VELOCITY (M/SEC)	TEMP (DEG.K)	VOLUMETRIC FLOW (M**3/SEC)
1	ALL	709.4299	149.40	7.32	20.00	342.00	841.67

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 3.2703E-05 DIRECTION= 9 DISTANCE= 3.0 KM DAY=194

YEAR= 71

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	1.2112E-05 (236)	1.1490E-05 (207)	1.0638E-05 (207)	9.7075E-06 (207)	8.9914E-06 (113)
2	1.5985E-05 (113)	1.6172E-05 (113)	1.5808E-05 (113)	1.5284E-05 (331)	1.4166E-05 (331)
3	1.3913E-05 (205)	1.5578E-05 (205)	1.4619E-05 (205)	1.3421E-05 (205)	1.2193E-05 (205)
4	1.3066E-05 (234)	1.2147E-05 (127)	1.2433E-05 (287)	1.3386E-05 (287)	1.3620E-05 (287)
5	1.3127E-05 (205)	1.3715E-05 (289)	1.3785E-05 (289)	1.3414E-05 (289)	1.2843E-05 (289)
6	1.6271E-05 (159)	1.4108E-05 (206)	1.1624E-05 (206)	1.0700E-05 (17)	1.0041E-05 (17)
7	1.6554E-05 (103)	1.4580E-05 (224)	1.4261E-05 (224)	1.3632E-05 (224)	1.2867E-05 (224)
8	1.6808E-05 (230)	1.6650E-05 (240)	1.5790E-05 (128)	1.4200E-05 (257)	1.3163E-05 (257)
9	3.2703E-05 (194)	3.0794E-05 (194)	2.8430E-05 (194)	2.6063E-05 (194)	2.3874E-05 (194)
10	2.1911E-05 (220)	2.0850E-05 (161)	2.0666E-05 (161)	1.9871E-05 (161)	1.8831E-05 (161)
11	1.2492E-05 (196)	1.2727E-05 (196)	1.2190E-05 (196)	1.1547E-05 (183)	1.0939E-05 (197)
12	1.7165E-05 (136)	1.6857E-05 (198)	1.4074E-05 (198)	1.2123E-05 (217)	1.1981E-05 (217)
13	1.2380E-05 (141)	1.2611E-05 (141)	1.2299E-05 (141)	1.0919E-05 (198)	9.7051E-06 (123)
14	1.0956E-05 (222)	1.1168E-05 (222)	1.0715E-05 (222)	9.9567E-06 (222)	9.2562E-06 (199)
15	1.1153E-05 (221)	1.2295E-05 (221)	1.2395E-05 (221)	1.1925E-05 (221)	1.1190E-05 (221)
16	1.1659E-05 (169)	1.1375E-05 (169)	1.1350E-05 (222)	1.1080E-05 (222)	1.0467E-05 (121)
17	8.9754E-06 (169)	9.0393E-06 (169)	8.6374E-06 (169)	8.3304E-06 (181)	8.0607E-06 (317)
18	1.0748E-05 (99)	9.7824E-06 (99)	9.0449E-06 (316)	8.5541E-06 (316)	8.0095E-06 (316)
19	7.4754E-06 (221)	7.3466E-06 (316)	6.9882E-06 (316)	6.4816E-06 (316)	6.0026E-06 (275)
20	6.0975E-06 (41)	6.0412E-06 (311)	5.9907E-06 (150)	5.9049E-06 (334)	5.8944E-06 (334)
21	1.1474E-05 (311)	1.1808E-05 (312)	1.2127E-05 (312)	1.1692E-05 (311)	1.0928E-05 (334)
22	1.1739E-05 (47)	1.0945E-05 (47)	9.9500E-06 (47)	9.0452E-06 (311)	8.5605E-06 (311)
23	1.5727E-05 (270)	1.4520E-05 (156)	1.2798E-05 (272)	1.2092E-05 (272)	1.1399E-05 (271)
24	1.9806E-05 (90)	1.8965E-05 (156)	1.6717E-05 (156)	1.4717E-05 (156)	1.3037E-05 (156)
25	1.3482E-05 (90)	1.3478E-05 (90)	1.2766E-05 (90)	1.2622E-05 (318)	1.2546E-05 (318)
26	1.2795E-05 (267)	1.1736E-05 (156)	1.2067E-05 (48)	1.2258E-05 (48)	1.2131E-05 (267)
27	2.1096E-05 (190)	2.1438E-05 (190)	2.0629E-05 (190)	1.9366E-05 (190)	1.7930E-05 (101)
28	1.9064E-05 (101)	1.8944E-05 (101)	1.8052E-05 (101)	1.6843E-05 (101)	1.5562E-05 (101)
29	1.4173E-05 (214)	1.5173E-05 (231)	1.4348E-05 (247)	1.3743E-05 (247)	1.2951E-05 (247)
30	1.3609E-05 (182)	1.5085E-05 (210)	1.5395E-05 (210)	1.4965E-05 (210)	1.4186E-05 (210)
31	1.3000E-05 (143)	1.3997E-05 (143)	1.3982E-05 (143)	1.3409E-05 (143)	1.2134E-05 (278)
32	1.2801E-05 (2)	1.2008E-05 (2)	1.1080E-05 (347)	1.0829E-05 (347)	1.0279E-05 (347)
33	1.6730E-05 (91)	1.7046E-05 (363)	1.7522E-05 (185)	1.7262E-05 (363)	1.6403E-05 (363)
34	1.8430E-05 (259)	1.7088E-05 (259)	1.5500E-05 (259)	1.3951E-05 (259)	1.2543E-05 (259)
35	1.6120E-05 (211)	1.4033E-05 (211)	1.2048E-05 (260)	1.0230E-05 (260)	8.8291E-06 (260)
36	1.0713E-05 (260)	1.4202E-05 (260)	1.2097E-05 (260)	1.0443E-05 (260)	9.7238E-06 (179)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 1.4414E-04 DIRECTION= 9 DISTANCE= 3.0 KM DAY=220 TIME PERIOD= 5

YEAR= 71

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	7.0904E-05 (92, 4)	8.1502E-05 (261, 3)	7.2422E-05 (261, 3)	6.7256E-05 (92, 4)	6.3181E-05 (239, 4)
2	9.4124E-05 (236, 5)	8.3825E-05 (236, 5)	8.2126E-05 (331, 4)	7.8836E-05 (25, 4)	7.4134E-05 (25, 4)
3	8.7378E-05 (219, 5)	7.2569E-05 (331, 4)	8.2662E-05 (287, 5)	8.8612E-05 (287, 5)	8.9795E-05 (287, 5)
4	8.5089E-05 (163, 4)	8.4158E-05 (131, 4)	9.8213E-05 (127, 4)	9.5456E-05 (127, 4)	9.0148E-05 (127, 4)
5	9.9174E-05 (200, 4)	8.7417E-05 (240, 5)	7.7934E-05 (205, 6)	8.4442E-05 (205, 6)	8.4245E-05 (219, 6)
6	9.4328E-05 (206, 5)	8.4249E-05 (159, 4)	7.5340E-05 (200, 4)	6.7323E-05 (279, 4)	6.0632E-05 (279, 4)
7	8.8946E-05 (207, 5)	8.2078E-05 (280, 5)	8.1917E-05 (280, 5)	7.8275E-05 (280, 5)	7.3785E-05 (224, 4)
8	1.0984E-04 (262, 5)	9.9800E-05 (232, 5)	1.0267E-04 (232, 5)	1.0011E-04 (232, 5)	9.4772E-05 (232, 5)
9	1.4414E-04 (220, 5)	1.3083E-04 (178, 4)	1.1649E-04 (178, 4)	1.0943E-04 (256, 4)	1.0330E-04 (362, 5)
10	1.1611E-04 (168, 4)	1.0915E-04 (204, 5)	9.5949E-05 (204, 5)	8.7062E-05 (232, 6)	8.3868E-05 (298, 4)
11	7.8576E-05 (204, 5)	7.7322E-05 (196, 4)	7.0937E-05 (192, 5)	6.3563E-05 (192, 5)	5.6632E-05 (192, 5)
12	9.4381E-05 (136, 4)	8.3625E-05 (198, 4)	8.0470E-05 (217, 3)	8.2923E-05 (217, 3)	8.1885E-05 (217, 3)
13	6.9314E-05 (136, 4)	7.0928E-05 (136, 4)	6.7614E-05 (136, 4)	6.2438E-05 (136, 4)	5.6904E-05 (136, 4)
14	6.5263E-05 (199, 6)	7.5657E-05 (199, 6)	7.8860E-05 (199, 6)	7.7639E-05 (199, 6)	7.4049E-05 (199, 6)
15	8.0646E-05 (221, 5)	8.3963E-05 (222, 4)	7.6675E-05 (222, 5)	7.1303E-05 (29, 4)	7.0474E-05 (29, 4)
16	7.4716E-05 (124, 6)	8.1105E-05 (124, 6)	8.1016E-05 (124, 6)	7.7489E-05 (124, 6)	7.1007E-05 (169, 4)
17	5.5452E-05 (162, 4)	5.7800E-05 (162, 4)	5.7097E-05 (162, 4)	5.6319E-05 (315, 5)	5.3959E-05 (315, 5)
18	6.5642E-05 (124, 5)	6.5597E-05 (124, 5)	6.1913E-05 (124, 5)	5.6844E-05 (124, 5)	5.1514E-05 (124, 5)
19	5.9771E-05 (221, 4)	5.1610E-05 (221, 4)	4.8512E-05 (275, 4)	4.9062E-05 (275, 4)	4.8021E-05 (275, 4)
20	4.8224E-05 (40, 5)	4.6640E-05 (261, 5)	4.6667E-05 (261, 5)	4.4684E-05 (261, 5)	4.2243E-05 (203, 5)
21	6.1391E-05 (98, 4)	6.0714E-05 (98, 4)	5.4946E-05 (311, 4)	5.3407E-05 (329, 4)	5.3342E-05 (55, 4)
22	7.2666E-05 (263, 5)	6.7182E-05 (261, 4)	6.6726E-05 (261, 4)	6.3878E-05 (261, 4)	6.0000E-05 (261, 4)
23	8.6738E-05 (150, 4)	8.1568E-05 (271, 5)	8.1508E-05 (271, 5)	7.7954E-05 (271, 5)	7.2826E-05 (271, 5)
24	8.1822E-05 (90, 4)	8.0792E-05 (156, 4)	7.1670E-05 (90, 4)	6.8854E-05 (264, 4)	6.9979E-05 (269, 4)
25	8.3386E-05 (137, 4)	8.8847E-05 (137, 4)	8.7620E-05 (137, 4)	8.3044E-05 (137, 4)	7.7094E-05 (137, 4)
26	7.0267E-05 (267, 5)	7.4744E-05 (267, 5)	7.3503E-05 (267, 5)	7.0171E-05 (360, 4)	6.9324E-05 (142, 3)
27	9.0591E-05 (101, 4)	8.5770E-05 (265, 4)	8.6660E-05 (265, 4)	8.4332E-05 (265, 4)	7.7216E-05 (263, 4)
28	9.7850E-05 (101, 5)	9.3319E-05 (101, 5)	8.5790E-05 (101, 5)	7.7489E-05 (101, 5)	7.2901E-05 (192, 3)
29	8.3731E-05 (233, 4)	9.2228E-05 (233, 4)	9.0944E-05 (231, 4)	8.2046E-05 (231, 4)	7.4519E-05 (231, 4)
30	7.9266E-05 (138, 5)	8.3588E-05 (211, 3)	8.0897E-05 (182, 4)	7.8386E-05 (72, 4)	8.1576E-05 (211, 3)
31	6.5933E-05 (278, 4)	6.9460E-05 (87, 4)	7.1472E-05 (87, 4)	6.8668E-05 (193, 6)	6.5700E-05 (181, 3)
32	6.8961E-05 (295, 4)	7.0456E-05 (139, 3)	7.3588E-05 (139, 3)	7.3200E-05 (139, 3)	6.9771E-05 (230, 4)
33	1.1385E-04 (230, 4)	1.0520E-04 (77, 5)	1.0363E-04 (77, 5)	9.8063E-05 (77, 5)	9.0866E-05 (77, 5)
34	9.5766E-05 (259, 4)	9.3308E-05 (259, 4)	8.7843E-05 (259, 4)	8.1361E-05 (259, 4)	8.0858E-05 (200, 3)
35	9.8914E-05 (211, 4)	8.1439E-05 (211, 4)	6.7063E-05 (211, 4)	6.4363E-05 (176, 4)	6.2813E-05 (176, 4)
36	1.0533E-04 (260, 4)	8.9466E-05 (260, 4)	7.9270E-05 (179, 3)	7.9580E-05 (179, 3)	7.7791E-05 (179, 3)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 2.9615E-05 DIRECTION= 9 DISTANCE= 3.5 KM DAY=207

YEAR= 72

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	1.5477E-05 (107)	1.6719E-05 (107)	1.5951E-05 (113)	1.4750E-05 (113)	1.3553E-05 (113)
2	1.6092E-05 (57)	1.7335E-05 (57)	1.7246E-05 (57)	1.6490E-05 (57)	1.5461E-05 (57)
3	1.4548E-05 (149)	1.4732E-05 (105)	1.4349E-05 (57)	1.3544E-05 (57)	1.2531E-05 (105)
4	1.3731E-05 (150)	1.2421E-05 (135)	1.1503E-05 (135)	1.0518E-05 (58)	9.9618E-06 (58)
5	2.1443E-05 (211)	1.9102E-05 (261)	1.6741E-05 (261)	1.4740E-05 (261)	1.3074E-05 (261)
6	1.7701E-05 (211)	1.7095E-05 (210)	1.6186E-05 (210)	1.5131E-05 (210)	1.4067E-05 (210)
7	2.1081E-05 (309)	1.9592E-05 (298)	1.7668E-05 (316)	1.7063E-05 (316)	1.5528E-05 (309)
8	2.0063E-05 (220)	1.9364E-05 (220)	1.8165E-05 (220)	1.6805E-05 (220)	1.5453E-05 (220)
9	2.9060E-05 (207)	2.9615E-05 (207)	2.8938E-05 (207)	2.7608E-05 (207)	2.5995E-05 (207)
10	2.5077E-05 (242)	2.2256E-05 (242)	2.1261E-05 (181)	1.9998E-05 (181)	1.8595E-05 (181)
11	1.5154E-05 (131)	1.4720E-05 (131)	1.3706E-05 (131)	1.2494E-05 (131)	1.1276E-05 (131)
12	1.2342E-05 (245)	1.4886E-05 (245)	1.5848E-05 (245)	1.5792E-05 (245)	1.5192E-05 (245)
13	1.2914E-05 (184)	1.2125E-05 (184)	1.2277E-05 (116)	1.2350E-05 (116)	1.2118E-05 (116)
14	8.4454E-06 (146)	8.4435E-06 (146)	7.9574E-06 (146)	7.4845E-06 (194)	7.3014E-06 (48)
15	6.6786E-06 (259)	7.2738E-06 (259)	7.3255E-06 (259)	7.1133E-06 (259)	6.8022E-06 (259)
16	6.8510E-06 (210)	7.9306E-06 (260)	8.6465E-06 (260)	8.1737E-06 (263)	7.4191E-06 (322)
17	6.5443E-06 (45)	7.6247E-06 (45)	7.9492E-06 (45)	7.8023E-06 (45)	7.7033E-06 (326)
18	1.1026E-05 (208)	1.1450E-05 (208)	1.1018E-05 (208)	1.0291E-05 (208)	9.8302E-06 (147)
19	1.0335E-05 (252)	9.5120E-06 (239)	1.0333E-05 (239)	1.0612E-05 (239)	1.0544E-05 (239)
20	1.0282E-05 (189)	1.0780E-05 (336)	1.0330E-05 (193)	1.0053E-05 (193)	9.5784E-06 (193)
21	1.2620E-05 (189)	1.2547E-05 (256)	1.1974E-05 (256)	1.1085E-05 (256)	1.0112E-05 (256)
22	1.3466E-05 (189)	1.2250E-05 (288)	1.2342E-05 (288)	1.1790E-05 (288)	1.0952E-05 (288)
23	1.1723E-05 (156)	1.1531E-05 (266)	1.0885E-05 (266)	1.0057E-05 (279)	9.5239E-06 (227)
24	1.3328E-05 (158)	1.3305E-05 (288)	1.4005E-05 (288)	1.3920E-05 (288)	1.3415E-05 (288)
25	1.8950E-05 (86)	1.8932E-05 (86)	1.8079E-05 (86)	1.6947E-05 (86)	1.5779E-05 (86)
26	2.1864E-05 (257)	2.3994E-05 (257)	2.3940E-05 (265)	2.2466E-05 (265)	2.0784E-05 (265)
27	1.6015E-05 (247)	1.8127E-05 (208)	1.7096E-05 (208)	1.5794E-05 (208)	1.4515E-05 (208)
28	1.5230E-05 (197)	1.6660E-05 (197)	1.7045E-05 (197)	1.6779E-05 (197)	1.6158E-05 (197)
29	1.5840E-05 (101)	1.6935E-05 (101)	1.6852E-05 (101)	1.6234E-05 (101)	1.5440E-05 (101)
30	1.2743E-05 (228)	1.2776E-05 (228)	1.2448E-05 (228)	1.1761E-05 (345)	1.1455E-05 (228)
31	1.2504E-05 (241)	1.3496E-05 (332)	1.4132E-05 (332)	1.3832E-05 (196)	1.2990E-05 (196)
32	1.3977E-05 (61)	1.5309E-05 (307)	1.4583E-05 (307)	1.3696E-05 (61)	1.2825E-05 (61)
33	1.4170E-05 (229)	1.5962E-05 (12)	1.6620E-05 (12)	1.6395E-05 (12)	1.5723E-05 (12)
34	1.1413E-05 (54)	1.1303E-05 (54)	1.0631E-05 (54)	1.0111E-05 (210)	9.5399E-06 (210)
35	7.9416E-06 (87)	7.9612E-06 (87)	7.7570E-06 (213)	7.9313E-06 (307)	8.3732E-06 (319)
36	1.0455E-05 (136)	1.0573E-05 (64)	9.7559E-06 (64)	8.8376E-06 (64)	8.4120E-06 (341)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MM3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 1.4817E-04 DIRECTION= 9 DISTANCE= 3.0 KM DAY=207 TIME PERIOD= 4

YEAR= 72

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
DIR					
1	8.5065E-05 (107, 4)	8.4051E-05 (113, 4)	7.8756E-05 (113, 4)	7.2007E-05 (113, 4)	6.5112E-05 (113, 4)
2	7.8697E-05 (57, 4)	8.6343E-05 (57, 4)	8.6861E-05 (57, 4)	8.3507E-05 (57, 4)	7.8360E-05 (57, 4)
3	8.2880E-05 (110, 5)	8.1731E-05 (135, 5)	7.7555E-05 (149, 5)	7.3677E-05 (149, 5)	7.1966E-05 (162, 3)
4	8.6119E-05 (102, 5)	7.7384E-05 (124, 3)	7.4787E-05 (110, 5)	6.7893E-05 (124, 3)	6.5867E-05 (245, 5)
5	1.0059E-04 (261, 5)	9.1922E-05 (150, 4)	8.2541E-05 (211, 6)	8.1383E-05 (211, 6)	7.6539E-05 (233, 4)
6	1.0377E-04 (210, 6)	9.3833E-05 (206, 4)	9.7252E-05 (244, 4)	9.4840E-05 (210, 6)	8.8594E-05 (210, 6)
7	1.2404E-04 (309, 5)	1.1123E-04 (298, 5)	9.7467E-05 (298, 5)	8.7386E-05 (138, 4)	8.2614E-05 (138, 4)
8	9.8238E-05 (220, 4)	9.3413E-05 (290, 4)	8.8845E-05 (290, 4)	8.3393E-05 (290, 4)	7.7845E-05 (290, 4)
9	1.4817E-04 (207, 4)	1.3191E-04 (124, 4)	1.1734E-04 (207, 4)	1.1309E-04 (207, 6)	1.0596E-04 (182, 4)
10	1.2232E-04 (209, 6)	1.1247E-04 (183, 5)	1.0004E-04 (183, 5)	9.6184E-05 (215, 5)	9.0519E-05 (215, 5)
11	7.2796E-05 (131, 6)	7.3225E-05 (248, 5)	6.9729E-05 (222, 5)	6.4405E-05 (222, 5)	5.8615E-05 (222, 5)
12	5.9175E-05 (97, 5)	6.5667E-05 (245, 6)	6.7949E-05 (245, 6)	6.6175E-05 (245, 6)	6.2638E-05 (245, 6)
13	8.9055E-05 (146, 4)	9.0226E-05 (146, 4)	8.6054E-05 (146, 4)	7.9676E-05 (146, 4)	7.4172E-05 (226, 6)
14	5.8662E-05 (194, 3)	6.3106E-05 (194, 3)	6.2772E-05 (194, 3)	5.9876E-05 (194, 3)	5.8411E-05 (48, 4)
15	5.1546E-05 (240, 5)	4.8907E-05 (189, 5)	4.6898E-05 (109, 6)	4.5654E-05 (109, 6)	4.6512E-05 (194, 3)
16	5.4808E-05 (216, 4)	5.6518E-05 (216, 4)	5.5414E-05 (216, 4)	5.2858E-05 (216, 4)	4.9646E-05 (216, 4)
17	5.1481E-05 (45, 5)	6.0017E-05 (45, 5)	6.2617E-05 (45, 5)	6.1502E-05 (45, 5)	5.8529E-05 (45, 5)
18	7.0200E-05 (260, 4)	6.8719E-05 (326, 4)	7.4365E-05 (147, 4)	7.8415E-05 (147, 4)	7.6288E-05 (208, 5)
19	4.9419E-05 (260, 4)	4.9855E-05 (313, 5)	5.2797E-05 (239, 4)	5.5915E-05 (239, 4)	5.6874E-05 (239, 4)
20	5.4544E-05 (252, 5)	5.1833E-05 (256, 5)	4.7850E-05 (193, 5)	4.5410E-05 (193, 5)	4.2553E-05 (83, 3)
21	7.4066E-05 (157, 6)	8.1173E-05 (288, 5)	8.1760E-05 (288, 5)	7.8011E-05 (288, 5)	7.2375E-05 (288, 5)
22	6.5573E-05 (264, 4)	6.6101E-05 (122, 5)	6.6929E-05 (122, 5)	6.4671E-05 (122, 5)	6.0952E-05 (122, 5)
23	6.2223E-05 (255, 3)	6.5799E-05 (342, 5)	5.6385E-05 (227, 4)	5.9055E-05 (227, 4)	5.9058E-05 (227, 4)
24	8.6327E-05 (255, 3)	7.7753E-05 (255, 3)	6.4812E-05 (158, 5)	6.1217E-05 (192, 3)	5.9349E-05 (52, 4)
25	8.7170E-05 (220, 4)	8.6745E-05 (226, 4)	8.2557E-05 (226, 4)	7.8072E-05 (265, 3)	7.6189E-05 (265, 3)
26	8.4940E-05 (247, 4)	7.8871E-05 (208, 5)	7.2163E-05 (246, 4)	6.5072E-05 (246, 4)	6.1144E-05 (157, 3)
27	8.3233E-05 (208, 5)	7.8871E-05 (208, 5)	7.6499E-05 (240, 4)	7.5332E-05 (240, 4)	7.2668E-05 (240, 4)
28	1.1445E-04 (230, 4)	1.2782E-04 (197, 3)	1.3155E-04 (197, 3)	1.3000E-04 (197, 3)	1.2553E-04 (197, 3)
29	6.5876E-05 (197, 3)	6.4778E-05 (197, 3)	7.0143E-05 (253, 4)	7.1746E-05 (253, 4)	7.0740E-05 (253, 4)
30	9.2573E-05 (345, 4)	9.3049E-05 (1, 4)	9.3213E-05 (228, 3)	9.0194E-05 (228, 3)	8.6437E-05 (228, 3)
31	6.8324E-05 (209, 3)	6.9848E-05 (241, 4)	6.4334E-05 (1, 4)	6.1698E-05 (1, 4)	5.7611E-05 (1, 4)
32	7.9328E-05 (307, 5)	7.8357E-05 (61, 4)	7.6818E-05 (61, 4)	7.2545E-05 (61, 4)	6.8727E-05 (234, 4)
33	1.0815E-04 (1, 5)	9.9154E-05 (229, 4)	9.0823E-05 (12, 4)	9.0107E-05 (12, 4)	8.6419E-05 (12, 4)
34	6.5362E-05 (206, 3)	5.9402E-05 (206, 3)	6.0477E-05 (210, 3)	5.9117E-05 (237, 5)	6.3627E-05 (237, 5)
35	6.3533E-05 (87, 4)	6.3690E-05 (87, 4)	6.1352E-05 (87, 4)	5.8022E-05 (87, 4)	5.4469E-05 (87, 4)
36	8.3636E-05 (136, 4)	7.8593E-05 (136, 4)	7.1949E-05 (136, 4)	6.7177E-05 (341, 4)	6.3600E-05 (64, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 2.5125E-05 DIRECTION= 9 DISTANCE= 3.0 KM DAY=152

YEAR= 73

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	9.9417E-06 (149)	1.0564E-05 (193)	1.0899E-05 (193)	1.0686E-05 (193)	1.0207E-05 (193)
2	1.3287E-05 (159)	1.4132E-05 (71)	1.4103E-05 (159)	1.3401E-05 (159)	1.2465E-05 (159)
3	1.4848E-05 (269)	1.3836E-05 (269)	1.3039E-05 (123)	1.1743E-05 (151)	1.0160E-05 (3)
4	1.3249E-05 (313)	1.1972E-05 (313)	1.1217E-05 (194)	1.0464E-05 (222)	9.6912E-06 (222)
5	2.0921E-05 (182)	1.9391E-05 (192)	1.8150E-05 (313)	1.7036E-05 (313)	1.6012E-05 (313)
6	2.0749E-05 (209)	1.9353E-05 (209)	1.8032E-05 (209)	1.6881E-05 (209)	1.5918E-05 (209)
7	2.2702E-05 (216)	2.0621E-05 (185)	1.8185E-05 (185)	1.6083E-05 (252)	1.4853E-05 (252)
8	2.2114E-05 (236)	1.9501E-05 (253)	1.8472E-05 (185)	1.6343E-05 (185)	1.4589E-05 (185)
9	2.5125E-05 (152)	2.1722E-05 (152)	1.8653E-05 (152)	1.6123E-05 (152)	1.5200E-05 (66)
10	1.8197E-05 (132)	1.7145E-05 (132)	1.5788E-05 (132)	1.5350E-05 (326)	1.4538E-05 (196)
11	1.4093E-05 (208)	1.3837E-05 (263)	1.3408E-05 (169)	1.2525E-05 (169)	1.1709E-05 (169)
12	1.1155E-05 (124)	1.1679E-05 (124)	1.1441E-05 (124)	1.0864E-05 (124)	1.0315E-05 (138)
13	6.5320E-06 (124)	7.5236E-06 (6)	8.1941E-06 (6)	8.2025E-06 (6)	7.8631E-06 (6)
14	1.0289E-05 (169)	1.0462E-05 (169)	1.0002E-05 (169)	9.4940E-06 (175)	9.0428E-06 (38)
15	7.9809E-06 (235)	7.9844E-06 (47)	8.5296E-06 (47)	8.6552E-06 (47)	8.5312E-06 (47)
16	1.0798E-05 (356)	1.1006E-05 (356)	1.1047E-05 (188)	1.1398E-05 (188)	1.1268E-05 (188)
17	9.5395E-06 (188)	1.1056E-05 (188)	1.1121E-05 (131)	1.0787E-05 (131)	1.0323E-05 (131)
18	1.3292E-05 (103)	1.2159E-05 (221)	1.2466E-05 (103)	1.1507E-05 (103)	1.0530E-05 (103)
19	1.0891E-05 (103)	1.0988E-05 (233)	1.0216E-05 (131)	9.8381E-06 (305)	9.4241E-06 (305)
20	1.4078E-05 (183)	1.1855E-05 (183)	1.0333E-05 (268)	1.0764E-05 (268)	1.0456E-05 (233)
21	2.1279E-05 (183)	1.8792E-05 (183)	1.8677E-05 (305)	1.8281E-05 (221)	1.7504E-05 (221)
22	1.6808E-05 (221)	1.5621E-05 (221)	1.4275E-05 (221)	1.2960E-05 (221)	1.1754E-05 (221)
23	1.5027E-05 (191)	1.3208E-05 (191)	1.1740E-05 (191)	1.0567E-05 (191)	9.6257E-06 (277)
24	1.8744E-05 (221)	1.7521E-05 (183)	1.7919E-05 (316)	1.7603E-05 (316)	1.6788E-05 (316)
25	1.8572E-05 (260)	2.0789E-05 (321)	2.1737E-05 (321)	2.1538E-05 (321)	2.0750E-05 (321)
26	2.0385E-05 (229)	2.0844E-05 (336)	2.1978E-05 (336)	2.1912E-05 (336)	2.1191E-05 (336)
27	1.6103E-05 (154)	1.4467E-05 (154)	1.3067E-05 (336)	1.2864E-05 (336)	1.2303E-05 (336)
28	1.7747E-05 (232)	1.5860E-05 (232)	1.4152E-05 (232)	1.2727E-05 (232)	1.2797E-05 (161)
29	1.6379E-05 (229)	1.6825E-05 (249)	1.6214E-05 (239)	1.4575E-05 (239)	1.3043E-05 (239)
30	1.6269E-05 (202)	1.5849E-05 (202)	1.5031E-05 (244)	1.4862E-05 (244)	1.4377E-05 (244)
31	1.2731E-05 (322)	1.2894E-05 (322)	1.2314E-05 (322)	1.1408E-05 (322)	1.0411E-05 (322)
32	1.7592E-05 (322)	1.7041E-05 (322)	1.5773E-05 (322)	1.4344E-05 (322)	1.3433E-05 (328)
33	2.3001E-05 (217)	2.2008E-05 (202)	1.9318E-05 (202)	1.6878E-05 (202)	1.4779E-05 (202)
34	1.7232E-05 (202)	1.5878E-05 (202)	1.4942E-05 (226)	1.4164E-05 (226)	1.3329E-05 (226)
35	1.2873E-05 (177)	1.2500E-05 (115)	1.3461E-05 (115)	1.3611E-05 (115)	1.3272E-05 (115)
36	1.1614E-05 (160)	1.2025E-05 (194)	1.1716E-05 (194)	1.1005E-05 (194)	1.0152E-05 (194)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 1.3675E-04 DIRECTION= 28 DISTANCE= 3.0 KM DAY=158 TIME PERIOD= 4

YEAR= 73

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	5.4586E-05 (150, 4)	6.4649E-05 (150, 4)	6.4922E-05 (39, 4)	6.1746E-05 (39, 4)	6.0983E-05 (364, 5)
2	8.0548E-05 (71, 5)	8.9888E-05 (71, 5)	9.1541E-05 (71, 5)	8.8785E-05 (71, 5)	8.3842E-05 (71, 5)
3	9.7868E-05 (151, 5)	8.2601E-05 (123, 4)	8.1377E-05 (123, 4)	7.8057E-05 (3, 5)	7.4701E-05 (3, 5)
4	9.2561E-05 (313, 4)	8.8038E-05 (194, 4)	8.5806E-05 (194, 4)	7.9913E-05 (222, 4)	7.2637E-05 (222, 4)
5	1.1694E-04 (222, 4)	1.1201E-04 (313, 4)	1.0929E-04 (313, 4)	9.9639E-05 (132, 4)	9.0556E-05 (132, 4)
6	9.9444E-05 (235, 5)	1.0043E-04 (235, 5)	9.3550E-05 (132, 4)	8.4675E-05 (140, 3)	8.2798E-05 (140, 3)
7	1.0238E-04 (209, 4)	9.0584E-05 (219, 4)	8.2504E-05 (219, 4)	7.4499E-05 (219, 4)	6.8728E-05 (252, 6)
8	1.2825E-04 (181, 4)	1.1026E-04 (181, 4)	9.8701E-05 (289, 5)	9.5098E-05 (289, 5)	8.9234E-05 (289, 5)
9	1.0815E-04 (66, 5)	1.0240E-04 (132, 5)	1.0451E-04 (180, 3)	1.0513E-04 (180, 3)	1.0266E-04 (180, 3)
10	8.8709E-05 (140, 4)	8.1785E-05 (140, 4)	7.4749E-05 (196, 5)	6.9090E-05 (173, 6)	6.4195E-05 (173, 6)
11	8.5738E-05 (235, 6)	8.9589E-05 (235, 6)	7.9242E-05 (208, 4)	6.7526E-05 (208, 4)	6.4928E-05 (166, 3)
12	5.7822E-05 (135, 3)	6.0189E-05 (6, 4)	5.9171E-05 (138, 3)	5.9483E-05 (138, 3)	5.8326E-05 (138, 3)
13	4.6898E-05 (6, 4)	5.2972E-05 (124, 5)	5.2554E-05 (231, 5)	5.9451E-05 (231, 5)	6.2780E-05 (231, 5)
14	7.3951E-05 (175, 5)	7.5679E-05 (175, 5)	7.2571E-05 (175, 5)	6.7382E-05 (175, 5)	6.1577E-05 (175, 5)
15	6.3845E-05 (235, 5)	6.3874E-05 (47, 4)	6.5695E-05 (118, 4)	6.0256E-05 (118, 4)	5.7110E-05 (200, 4)
16	6.4381E-05 (356, 5)	6.8877E-05 (188, 4)	6.5421E-05 (235, 5)	6.0194E-05 (182, 4)	5.6751E-05 (131, 3)
17	6.4252E-05 (53, 4)	6.0991E-05 (131, 4)	6.2525E-05 (53, 4)	5.9831E-05 (53, 4)	5.6909E-05 (53, 4)
18	8.0527E-05 (297, 5)	7.1116E-05 (131, 4)	6.7478E-05 (14, 4)	6.7257E-05 (14, 4)	6.5269E-05 (14, 4)
19	8.0695E-05 (103, 4)	7.0937E-05 (103, 4)	6.9544E-05 (268, 5)	7.0558E-05 (233, 3)	6.6025E-05 (131, 4)
20	7.4188E-05 (233, 5)	6.9845E-05 (299, 4)	7.4661E-05 (299, 4)	6.9144E-05 (131, 4)	6.2825E-05 (131, 4)
21	8.4859E-05 (305, 4)	8.4517E-05 (183, 4)	7.5499E-05 (221, 6)	7.8541E-05 (221, 6)	7.8221E-05 (221, 6)
22	1.0434E-04 (78, 4)	9.2614E-05 (78, 4)	8.3852E-05 (182, 3)	7.7115E-05 (182, 3)	7.0570E-05 (182, 3)
23	8.4874E-05 (191, 4)	7.4940E-05 (182, 3)	7.0371E-05 (182, 3)	6.4921E-05 (221, 3)	5.9126E-05 (221, 3)
24	7.3226E-05 (310, 4)	7.8743E-05 (59, 4)	7.6578E-05 (310, 4)	7.2972E-05 (310, 4)	6.8489E-05 (310, 4)
25	1.0244E-04 (235, 4)	1.0508E-04 (235, 4)	1.0139E-04 (240, 5)	9.1303E-05 (240, 5)	8.4408E-05 (352, 4)
26	8.7531E-05 (336, 5)	1.0056E-04 (336, 5)	1.0428E-04 (336, 5)	1.0233E-04 (336, 5)	9.7381E-05 (336, 5)
27	8.4946E-05 (158, 4)	8.2993E-05 (242, 5)	8.0729E-05 (206, 3)	8.1376E-05 (232, 4)	7.3737E-05 (232, 4)
28	1.3675E-04 (158, 4)	1.1475E-04 (158, 4)	9.6206E-05 (161, 3)	1.0103E-04 (161, 3)	9.2424E-05 (232, 4)
29	8.2938E-05 (249, 4)	8.2725E-05 (198, 3)	7.9412E-05 (318, 4)	7.8392E-05 (318, 4)	7.5534E-05 (318, 4)
30	9.2518E-05 (200, 3)	8.3398E-05 (121, 5)	8.0540E-05 (121, 5)	7.5204E-05 (121, 5)	6.9044E-05 (121, 5)
31	8.3413E-05 (112, 4)	8.2854E-05 (112, 4)	7.9554E-05 (160, 3)	8.0420E-05 (160, 3)	7.2767E-05 (171, 4)
32	8.0651E-05 (269, 4)	8.2576E-05 (329, 4)	8.8392E-05 (329, 4)	8.1556E-05 (157, 4)	7.2525E-05 (157, 4)
33	9.9855E-05 (202, 5)	9.4228E-05 (274, 4)	9.4474E-05 (274, 4)	8.9771E-05 (289, 4)	8.2036E-05 (217, 3)
34	8.7506E-05 (217, 4)	8.4392E-05 (123, 3)	8.2398E-05 (289, 4)	7.4672E-05 (289, 4)	6.7853E-05 (289, 4)
35	7.9100E-05 (234, 4)	8.2077E-05 (234, 4)	8.6218E-05 (234, 4)	8.5483E-05 (234, 4)	8.2166E-05 (234, 4)
36	8.2540E-05 (148, 5)	7.9578E-05 (148, 5)	7.3444E-05 (148, 5)	6.6473E-05 (148, 5)	5.9693E-05 (148, 5)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MA*3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 3.1508E-05 DIRECTION= 24 DISTANCE= 3.5 KM DAY=286

YEAR= 74

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
DIR					
1	1.1058E-05 (242)	9.1859E-06 (203)	9.1626E-06 (203)	8.7433E-06 (203)	8.2190E-06 (208)
2	1.3992E-05 (127)	1.3593E-05 (127)	1.2689E-05 (127)	1.1080E-05 (207)	9.6584E-06 (207)
3	1.2736E-05 (207)	1.0793E-05 (207)	9.2976E-06 (103)	9.2183E-06 (309)	8.6548E-06 (216)
4	1.4913E-05 (229)	1.4080E-05 (229)	1.3834E-05 (229)	1.3122E-05 (229)	1.2406E-05 (229)
5	1.4962E-05 (157)	1.5061E-05 (158)	1.3164E-05 (158)	1.1469E-05 (158)	1.0016E-05 (158)
6	1.8627E-05 (129)	1.5763E-05 (151)	1.3663E-05 (129)	1.2825E-05 (7)	1.1801E-05 (7)
7	1.5357E-05 (200)	1.4478E-05 (191)	1.3812E-05 (191)	1.3019E-05 (146)	1.3072E-05 (16)
8	1.8215E-05 (196)	1.6725E-05 (315)	1.6650E-05 (315)	1.4839E-05 (148)	1.3788E-05 (163)
9	2.9443E-05 (230)	3.0108E-05 (230)	2.8937E-05 (230)	2.7003E-05 (230)	2.4867E-05 (230)
10	2.1124E-05 (189)	2.0582E-05 (189)	1.9319E-05 (189)	1.7853E-05 (189)	1.6533E-05 (192)
11	1.6193E-05 (200)	1.6727E-05 (192)	1.6666E-05 (192)	1.6046E-05 (192)	1.5149E-05 (192)
12	1.3031E-05 (200)	1.3275E-05 (200)	1.2728E-05 (200)	1.1832E-05 (200)	1.0830E-05 (200)
13	6.0983E-06 (237)	6.6829E-06 (222)	6.8727E-06 (222)	6.6903E-06 (222)	6.3192E-06 (222)
14	6.1382E-06 (222)	6.8227E-06 (222)	6.8957E-06 (222)	6.6299E-06 (222)	6.2045E-06 (222)
15	6.9482E-06 (99)	6.2711E-06 (364)	6.1309E-06 (197)	6.1944E-06 (96)	6.0449E-06 (99)
16	1.1071E-05 (282)	1.0676E-05 (338)	1.0626E-05 (338)	1.0327E-05 (338)	9.9322E-06 (338)
17	9.9016E-06 (338)	9.4389E-06 (282)	8.6304E-06 (257)	8.0443E-06 (257)	7.9752E-06 (317)
18	1.5277E-05 (257)	1.5885E-05 (311)	1.5227E-05 (311)	1.4212E-05 (311)	1.3103E-05 (311)
19	8.8093E-06 (332)	9.2739E-06 (332)	9.1863E-06 (332)	8.8006E-06 (121)	8.4777E-06 (121)
20	1.2149E-05 (281)	1.2590E-05 (281)	1.2237E-05 (281)	1.1518E-05 (281)	1.0681E-05 (281)
21	1.5467E-05 (264)	1.5600E-05 (264)	1.4969E-05 (264)	1.3964E-05 (264)	1.2828E-05 (264)
22	1.7852E-05 (265)	1.6271E-05 (172)	1.4273E-05 (172)	1.2676E-05 (172)	1.1408E-05 (172)
23	1.6657E-05 (172)	1.5698E-05 (306)	1.5199E-05 (306)	1.4283E-05 (306)	1.3219E-05 (306)
24	2.7848E-05 (284)	3.1508E-05 (286)	3.0441E-05 (286)	2.8666E-05 (286)	2.6635E-05 (286)
25	2.1106E-05 (110)	2.0676E-05 (110)	1.9543E-05 (110)	1.8515E-05 (194)	1.7898E-05 (194)
26	2.3136E-05 (110)	2.1770E-05 (110)	1.9986E-05 (305)	1.7999E-05 (305)	1.6257E-05 (305)
27	2.1836E-05 (110)	2.0209E-05 (171)	1.8584E-05 (116)	1.6228E-05 (116)	1.5257E-05 (244)
28	1.7728E-05 (230)	1.5652E-05 (116)	1.4725E-05 (2)	1.5058E-05 (2)	1.4960E-05 (2)
29	1.5071E-05 (221)	1.3910E-05 (225)	1.4315E-05 (225)	1.4041E-05 (225)	1.3318E-05 (240)
30	1.5616E-05 (237)	1.6471E-05 (237)	1.5661E-05 (240)	1.3993E-05 (240)	1.2648E-05 (240)
31	1.7464E-05 (245)	1.7388E-05 (215)	1.8267E-05 (215)	1.8224E-05 (215)	1.7677E-05 (215)
32	1.7366E-05 (241)	1.5968E-05 (241)	1.4373E-05 (241)	1.3710E-05 (227)	1.3345E-05 (227)
33	1.6159E-05 (207)	1.6913E-05 (221)	1.6157E-05 (221)	1.5211E-05 (221)	1.4184E-05 (221)
34	1.5017E-05 (236)	1.3989E-05 (236)	1.2638E-05 (236)	1.1266E-05 (236)	9.9976E-06 (236)
35	1.5856E-05 (187)	1.4355E-05 (187)	1.2846E-05 (187)	1.1573E-05 (187)	1.0543E-05 (187)
36	9.7114E-06 (210)	9.8842E-06 (210)	9.9175E-06 (208)	9.6956E-06 (33)	9.4881E-06 (33)

PLANT NAME: TEPCO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAX3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 1.2709E-04 DIRECTION= 9 DISTANCE= 3.0 KM DAY=230 TIME PERIOD= 4

YEAR= 74

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	6.9336E-05 (161, 4)	6.8858E-05 (208, 4)	7.0493E-05 (208, 4)	6.7012E-05 (98, 5)	6.1765E-05 (98, 5)
2	8.7256E-05 (310, 4)	7.6808E-05 (6, 5)	7.3056E-05 (6, 5)	6.8052E-05 (21, 4)	6.2167E-05 (6, 5)
3	7.4132E-05 (103, 5)	7.4776E-05 (103, 5)	7.1006E-05 (103, 5)	6.5466E-05 (103, 5)	5.9510E-05 (103, 5)
4	9.6403E-05 (130, 5)	8.9733E-05 (130, 5)	8.0978E-05 (130, 5)	7.2128E-05 (130, 5)	6.3973E-05 (130, 5)
5	9.6635E-05 (157, 4)	8.7049E-05 (158, 5)	7.7946E-05 (158, 5)	6.9133E-05 (158, 5)	6.1169E-05 (158, 5)
6	1.0048E-04 (200, 4)	8.9404E-05 (9, 5)	9.4009E-05 (9, 5)	9.3126E-05 (9, 5)	8.9212E-05 (9, 5)
7	9.6482E-05 (205, 5)	8.2611E-05 (146, 4)	8.1864E-05 (146, 4)	7.7927E-05 (146, 4)	7.2606E-05 (146, 4)
8	1.0114E-04 (148, 4)	9.2647E-05 (260, 5)	9.1177E-05 (145, 4)	8.5315E-05 (145, 4)	7.8376E-05 (145, 4)
9	1.2709E-04 (230, 4)	1.1892E-04 (173, 4)	1.1772E-04 (191, 3)	1.1820E-04 (230, 4)	1.0847E-04 (230, 4)
10	9.2305E-05 (121, 4)	9.9065E-05 (173, 6)	1.0184E-04 (173, 6)	9.9234E-05 (173, 6)	9.3884E-05 (173, 6)
11	8.2849E-05 (200, 5)	7.7453E-05 (228, 6)	7.4215E-05 (228, 6)	6.9976E-05 (173, 6)	6.6401E-05 (173, 6)
12	6.7445E-05 (167, 5)	6.3672E-05 (167, 3)	6.5026E-05 (167, 3)	6.4677E-05 (167, 3)	6.2986E-05 (167, 3)
13	4.8786E-05 (237, 5)	5.2104E-05 (222, 6)	5.0653E-05 (167, 3)	4.7361E-05 (167, 3)	4.5903E-05 (257, 6)
14	4.3334E-05 (99, 5)	4.2881E-05 (99, 5)	4.3983E-05 (239, 6)	4.4006E-05 (239, 6)	4.2484E-05 (239, 6)
15	5.4260E-05 (364, 5)	5.0075E-05 (265, 5)	4.4691E-05 (170, 6)	4.3152E-05 (170, 6)	4.0951E-05 (225, 6)
16	5.3105E-05 (282, 4)	4.9561E-05 (338, 5)	4.6225E-05 (338, 5)	4.6201E-05 (54, 5)	4.7000E-05 (54, 5)
17	5.7954E-05 (282, 5)	5.4366E-05 (317, 5)	6.1349E-05 (317, 5)	5.7661E-05 (257, 5)	5.6580E-05 (338, 4)
18	9.3599E-05 (311, 5)	8.9982E-05 (311, 5)	8.3276E-05 (311, 5)	7.5698E-05 (311, 5)	6.8333E-05 (311, 5)
19	5.7126E-05 (122, 3)	5.5179E-05 (122, 3)	5.4976E-05 (291, 4)	5.7711E-05 (291, 4)	5.8359E-05 (291, 4)
20	7.6259E-05 (282, 4)	7.1783E-05 (282, 4)	7.3256E-05 (282, 5)	6.6203E-05 (311, 4)	5.9482E-05 (311, 4)
21	8.9779E-05 (263, 5)	9.6038E-05 (281, 4)	8.9809E-05 (281, 4)	8.2235E-05 (281, 4)	7.4522E-05 (281, 4)
22	1.0894E-04 (265, 4)	9.9023E-05 (265, 4)	8.8130E-05 (265, 4)	8.3647E-05 (254, 6)	7.8892E-05 (254, 6)
23	8.8090E-05 (171, 6)	8.6201E-05 (306, 5)	8.6087E-05 (306, 5)	8.2376E-05 (306, 5)	7.7033E-05 (306, 5)
24	1.1012E-04 (284, 4)	1.1942E-04 (284, 4)	1.1922E-04 (284, 4)	1.1399E-04 (284, 4)	1.0654E-04 (284, 4)
25	1.0947E-04 (286, 5)	9.2275E-05 (286, 5)	8.4165E-05 (305, 4)	7.7229E-05 (307, 5)	7.0501E-05 (307, 5)
26	8.0611E-05 (110, 4)	7.1714E-05 (109, 4)	6.6918E-05 (109, 4)	6.3653E-05 (303, 4)	5.9643E-05 (303, 4)
27	1.0619E-04 (170, 4)	9.5202E-05 (170, 4)	8.7356E-05 (299, 5)	8.6055E-05 (299, 5)	8.2192E-05 (299, 5)
28	7.5509E-05 (204, 4)	6.7998E-05 (195, 3)	6.9409E-05 (195, 3)	6.7406E-05 (195, 3)	6.7421E-05 (158, 3)
29	1.2057E-04 (221, 4)	1.0562E-04 (221, 4)	9.3862E-05 (221, 4)	8.4572E-05 (221, 4)	7.7068E-05 (221, 4)
30	8.9643E-05 (228, 4)	8.3454E-05 (228, 4)	7.5329E-05 (228, 4)	6.7859E-05 (228, 4)	6.7348E-05 (353, 4)
31	9.9707E-05 (210, 5)	9.0809E-05 (136, 4)	8.6475E-05 (219, 4)	8.3850E-05 (136, 4)	7.7576E-05 (219, 4)
32	1.1350E-04 (64, 4)	1.0901E-04 (64, 4)	1.0941E-04 (227, 3)	1.0942E-04 (227, 3)	1.0652E-04 (227, 3)
33	9.1228E-05 (97, 5)	9.4566E-05 (226, 4)	9.4030E-05 (62, 4)	9.0335E-05 (62, 4)	8.6280E-05 (184, 3)
34	1.0697E-04 (159, 4)	9.6244E-05 (199, 4)	8.1372E-05 (199, 4)	6.8806E-05 (199, 4)	5.9067E-05 (200, 3)
35	8.1108E-05 (187, 3)	7.7830E-05 (242, 4)	7.1131E-05 (321, 5)	6.6322E-05 (321, 5)	6.1253E-05 (242, 4)
36	7.4552E-05 (93, 4)	7.7090E-05 (93, 4)	7.7622E-05 (210, 4)	7.4803E-05 (210, 4)	7.1459E-05 (210, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 2.6775E-05 DIRECTION= 27 DISTANCE= 3.0 KM DAY=248

YEAR= 75

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	1.1388E-05 (120)	1.0762E-05 (91)	1.0351E-05 (82)	1.0118E-05 (82)	9.7208E-06 (82)
2	1.8057E-05 (92)	1.6516E-05 (91)	1.5626E-05 (91)	1.5054E-05 (19)	1.4538E-05 (19)
3	1.8395E-05 (118)	1.8416E-05 (118)	1.7376E-05 (118)	1.5931E-05 (118)	1.4408E-05 (118)
4	1.6595E-05 (161)	1.5553E-05 (118)	1.4689E-05 (118)	1.3737E-05 (24)	1.2837E-05 (24)
5	2.1539E-05 (161)	1.9068E-05 (161)	1.6657E-05 (161)	1.4511E-05 (161)	1.4157E-05 (153)
6	1.5461E-05 (140)	1.3175E-05 (208)	1.3163E-05 (208)	1.1955E-05 (167)	1.0737E-05 (205)
7	1.8934E-05 (178)	1.5911E-05 (178)	1.3880E-05 (167)	1.3010E-05 (80)	1.2086E-05 (80)
8	2.0442E-05 (185)	1.8135E-05 (185)	1.5867E-05 (185)	1.3843E-05 (185)	1.2113E-05 (185)
9	2.5618E-05 (156)	2.5610E-05 (189)	2.4437E-05 (189)	2.2842E-05 (189)	2.1223E-05 (189)
10	1.8321E-05 (177)	1.7078E-05 (177)	1.4859E-05 (166)	1.2795E-05 (166)	1.1612E-05 (29)
11	1.3656E-05 (155)	1.4417E-05 (155)	1.4436E-05 (155)	1.4028E-05 (155)	1.3090E-05 (177)
12	8.9499E-06 (177)	1.0118E-05 (224)	1.0548E-05 (224)	1.0454E-05 (224)	9.9228E-06 (226)
13	1.5974E-05 (226)	1.5774E-05 (230)	1.5286E-05 (230)	1.3865E-05 (244)	1.2441E-05 (244)
14	1.1145E-05 (180)	1.0960E-05 (328)	1.0631E-05 (328)	1.0026E-05 (328)	9.3427E-06 (328)
15	1.0180E-05 (40)	9.2949E-06 (244)	9.7271E-06 (243)	1.0094E-05 (40)	9.6387E-06 (226)
16	1.1767E-05 (95)	1.0208E-05 (244)	8.7491E-06 (244)	7.5743E-06 (244)	7.4478E-06 (226)
17	1.0984E-05 (105)	1.1328E-05 (105)	1.0933E-05 (105)	1.0205E-05 (105)	9.3677E-06 (105)
18	8.7400E-06 (96)	9.2042E-06 (96)	8.9988E-06 (96)	8.4720E-06 (96)	7.8233E-06 (96)
19	6.9561E-06 (94)	6.6607E-06 (94)	6.3041E-06 (94)	6.0021E-06 (94)	5.9924E-06 (356)
20	1.2173E-05 (106)	1.1524E-05 (256)	1.2472E-05 (256)	1.2654E-05 (256)	1.2358E-05 (256)
21	1.3505E-05 (303)	1.4473E-05 (303)	1.4400E-05 (303)	1.3706E-05 (64)	1.2757E-05 (64)
22	1.4730E-05 (176)	1.4606E-05 (176)	1.4267E-05 (176)	1.3777E-05 (176)	1.3217E-05 (176)
23	1.4313E-05 (175)	1.3975E-05 (175)	1.3391E-05 (285)	1.2981E-05 (285)	1.2234E-05 (285)
24	1.1810E-05 (230)	1.2722E-05 (285)	1.2800E-05 (285)	1.2272E-05 (285)	1.1465E-05 (285)
25	1.3889E-05 (116)	1.3494E-05 (337)	1.3346E-05 (337)	1.2696E-05 (337)	1.2253E-05 (182)
26	2.4938E-05 (247)	2.2747E-05 (247)	2.0246E-05 (247)	1.7872E-05 (247)	1.5781E-05 (247)
27	2.6775E-05 (248)	2.4764E-05 (248)	2.4057E-05 (253)	2.1711E-05 (236)	2.0162E-05 (236)
28	1.8479E-05 (184)	1.5505E-05 (184)	1.5231E-05 (212)	1.3729E-05 (330)	1.2960E-05 (330)
29	1.4240E-05 (250)	1.3761E-05 (251)	1.2944E-05 (251)	1.1879E-05 (251)	1.1199E-05 (287)
30	1.6879E-05 (219)	1.6373E-05 (217)	1.4492E-05 (217)	1.2824E-05 (217)	1.2443E-05 (172)
31	1.5796E-05 (215)	1.5441E-05 (215)	1.4536E-05 (215)	1.3472E-05 (215)	1.2410E-05 (215)
32	1.4714E-05 (274)	1.4456E-05 (161)	1.4167E-05 (108)	1.3592E-05 (108)	1.2809E-05 (108)
33	1.3109E-05 (216)	1.3184E-05 (198)	1.2816E-05 (222)	1.2415E-05 (222)	1.1789E-05 (222)
34	1.8127E-05 (114)	1.5408E-05 (114)	1.2972E-05 (114)	1.0941E-05 (114)	9.9755E-06 (152)
35	1.2670E-05 (169)	1.2385E-05 (169)	1.1542E-05 (169)	1.0919E-05 (334)	1.0305E-05 (334)
36	1.3951E-05 (351)	1.6471E-05 (351)	1.6154E-05 (202)	1.5233E-05 (202)	1.5768E-05 (19)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 1.2382E-04 DIRECTION= 9 DISTANCE= 3.0 KM DAY=227 TIME PERIOD= 5

YEAR= 75

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	9.1107E-05 (120, 4)	8.1778E-05 (82, 4)	7.7536E-05 (99, 5)	6.7641E-05 (244, 4)	6.2726E-05 (210, 4)
2	9.9794E-05 (91, 5)	1.0009E-04 (91, 5)	9.4709E-05 (91, 5)	8.7110E-05 (91, 5)	7.9813E-05 (19, 5)
3	1.0275E-04 (203, 4)	9.2012E-05 (100, 5)	9.0240E-05 (100, 5)	8.5185E-05 (216, 5)	7.7713E-05 (24, 5)
4	9.9041E-05 (203, 4)	8.4571E-05 (118, 4)	8.1676E-05 (130, 5)	7.6660E-05 (130, 5)	7.0972E-05 (133, 4)
5	9.3925E-05 (137, 4)	9.3759E-05 (229, 4)	9.1021E-05 (137, 4)	8.4295E-05 (137, 4)	8.2300E-05 (186, 3)
6	1.0382E-04 (146, 4)	8.6446E-05 (146, 4)	7.2385E-05 (136, 4)	6.9181E-05 (187, 3)	7.2161E-05 (181, 5)
7	1.0050E-04 (181, 5)	1.0567E-04 (80, 5)	1.0516E-04 (80, 5)	1.0023E-04 (80, 5)	9.3374E-05 (80, 5)
8	9.4324E-05 (156, 4)	8.7235E-05 (225, 4)	8.1288E-05 (225, 4)	7.7177E-05 (31, 5)	7.2958E-05 (31, 5)
9	1.2382E-04 (227, 5)	1.0752E-04 (227, 5)	1.0087E-04 (156, 4)	9.0793E-05 (225, 4)	8.4059E-05 (188, 4)
10	8.3768E-05 (166, 6)	7.9743E-05 (177, 3)	7.5641E-05 (177, 3)	7.1337E-05 (267, 4)	6.8602E-05 (267, 4)
11	7.7849E-05 (177, 5)	7.3747E-05 (126, 5)	6.7790E-05 (157, 3)	6.6576E-05 (157, 3)	6.3698E-05 (177, 3)
12	6.7206E-05 (140, 6)	6.5492E-05 (140, 6)	6.1295E-05 (140, 6)	5.6339E-05 (140, 6)	5.1429E-05 (140, 6)
13	7.6106E-05 (226, 4)	6.6730E-05 (226, 4)	5.7236E-05 (226, 4)	4.9155E-05 (226, 4)	4.7050E-05 (155, 3)
14	8.3263E-05 (328, 5)	7.7646E-05 (244, 5)	6.8252E-05 (244, 5)	6.7496E-05 (206, 3)	7.1065E-05 (206, 3)
15	6.7083E-05 (299, 4)	7.2349E-05 (299, 4)	7.7815E-05 (243, 5)	8.0728E-05 (40, 4)	7.4712E-05 (40, 4)
16	5.2696E-05 (65, 4)	4.9315E-05 (169, 6)	4.8751E-05 (169, 6)	4.7548E-05 (62, 5)	4.6376E-05 (291, 5)
17	6.8974E-05 (95, 4)	6.3923E-05 (95, 4)	5.8352E-05 (95, 4)	5.4148E-05 (293, 5)	5.1384E-05 (293, 5)
18	5.7084E-05 (185, 4)	5.2625E-05 (79, 4)	5.0732E-05 (79, 4)	4.7968E-05 (79, 4)	4.4590E-05 (185, 4)
19	5.4236E-05 (94, 4)	5.1876E-05 (300, 4)	4.7623E-05 (300, 4)	4.2946E-05 (94, 4)	3.8961E-05 (94, 4)
20	7.1440E-05 (94, 4)	6.6617E-05 (181, 4)	6.7483E-05 (256, 4)	6.3150E-05 (94, 4)	5.8835E-05 (199, 4)
21	8.9681E-05 (56, 4)	8.9461E-05 (56, 4)	8.4900E-05 (56, 4)	7.8766E-05 (56, 4)	7.2432E-05 (56, 4)
22	8.3747E-05 (181, 4)	7.5653E-05 (181, 4)	6.8345E-05 (181, 4)	6.1955E-05 (353, 5)	5.8814E-05 (176, 4)
23	9.9072E-05 (85, 5)	9.8205E-05 (181, 4)	9.4773E-05 (181, 4)	9.0328E-05 (181, 4)	8.5642E-05 (181, 4)
24	7.7118E-05 (247, 5)	7.4426E-05 (285, 5)	7.4813E-05 (285, 5)	7.1745E-05 (285, 5)	7.0057E-05 (175, 4)
25	9.1428E-05 (204, 3)	8.7506E-05 (97, 4)	8.2338E-05 (276, 4)	8.0690E-05 (276, 4)	7.6667E-05 (204, 3)
26	9.5719E-05 (142, 4)	8.7924E-05 (286, 5)	8.5444E-05 (142, 4)	8.2501E-05 (286, 5)	7.7498E-05 (286, 5)
27	1.1104E-04 (218, 3)	1.1393E-04 (247, 4)	1.0377E-04 (239, 3)	1.0907E-04 (239, 3)	1.0978E-04 (239, 3)
28	8.0990E-05 (286, 4)	8.6715E-05 (86, 5)	8.7626E-05 (86, 5)	8.4516E-05 (86, 5)	7.9489E-05 (86, 5)
29	7.4709E-05 (132, 3)	7.4254E-05 (132, 3)	7.1277E-05 (132, 3)	6.7191E-05 (132, 3)	6.2836E-05 (132, 3)
30	9.6753E-05 (219, 4)	9.2803E-05 (172, 3)	8.9673E-05 (162, 3)	8.8865E-05 (162, 3)	8.6802E-05 (162, 3)
31	7.9240E-05 (222, 5)	8.4329E-05 (340, 5)	8.4990E-05 (340, 5)	8.2680E-05 (222, 5)	7.8631E-05 (222, 5)
32	8.9796E-05 (168, 4)	8.9977E-05 (281, 4)	8.8710E-05 (281, 4)	8.4048E-05 (281, 4)	7.8769E-05 (130, 4)
33	1.0178E-04 (218, 4)	8.5880E-05 (170, 4)	7.6623E-05 (274, 4)	7.0521E-05 (274, 4)	7.0252E-05 (167, 3)
34	1.0186E-04 (216, 4)	8.7042E-05 (216, 4)	8.1071E-05 (152, 3)	6.9677E-05 (114, 5)	6.4697E-05 (280, 4)
35	8.0991E-05 (205, 4)	7.1321E-05 (205, 4)	6.3125E-05 (205, 4)	5.6258E-05 (205, 4)	5.0550E-05 (205, 4)
36	7.7531E-05 (351, 4)	9.1391E-05 (202, 4)	9.1560E-05 (202, 4)	8.7779E-05 (202, 4)	8.2189E-05 (202, 4)

COMPOSITE HIGHEST,SECOND-HIGHEST 24-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	15	17	16	15	14
2	18	17	17	16	15
3	18	18	17	16	14
4	17	16	15	14	14
5	22	19	18	17	16
6	21	19	18	17	16
7	23	21	18	17	16
8	22	20	18	17	15
9	33	31	29	28	26
10	25	22	21	20	19
11	16	17	17	16	15
12	17	17	16	16	15
13	16	16	15	14	12
14	11	11	11	10	9
15	11	12	12	12	11
16	12	11	11	11	11
17	11	11	11	11	10
18	15	16	15	14	13
19	11	11	10	11	11
20	14	13	12	13	12
21	21	19	19	18	18
22	18	16	14	14	13
23	17	16	15	14	13
24	28	32	30	29	27
25	21	21	22	22	21
26	25	24	24	22	21
27	27	25	24	22	20
28	19	19	18	17	16
29	16	17	17	16	15
30	17	16	16	15	14
31	17	17	18	18	18
32	18	17	16	14	13
33	23	22	19	17	16
34	18	17	15	14	13
35	16	14	13	14	13
36	17.	16.	16.	15.	16.

COMPOSITE HIGHEST, SECOND-HIGHEST 3-HOUR CONCENTRATION TABLE,UG/CU.M

RANGE / DIR	SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR 3.0 KM	3.5 KM	4.0 KM	4.5 KM	5.0 KM
1	91.	84.	79.	72.	65.
2	100.	100.	95.	89.	84.
3	103.	92.	90.	89.	90.
4	99.	90.	98.	95.	90.
5	117.	112.	109.	100.	91.
6	108.	100.	97.	95.	89.
7	120.	111.	105.	100.	93.
8	120.	110.	103.	100.	95.
9	148.	132.	118.	118.	108.
10	122.	112.	102.	99.	94.
11	86.	90.	79.	70.	66.
12	94.	84.	80.	83.	82.
13	89.	90.	86.	80.	74.
14	83.	78.	79.	78.	74.
15	81.	84.	78.	81.	75.
16	75.	81.	81.	77.	71.
17	69.	64.	63.	62.	59.
18	94.	90.	83.	78.	76.
19	81.	71.	70.	71.	66.
20	76.	72.	75.	69.	63.
21	90.	96.	90.	82.	78.
22	109.	99.	88.	84.	79.
23	99.	98.	95.	90.	86.
24	110.	119.	119.	114.	107.
25	109.	105.	101.	91.	84.
26	96.	101.	104.	102.	97.
27	111.	114.	104.	109.	110.
28	137.	128.	132.	130.	126.
29	121.	106.	94.	85.	77.
30	97.	93.	93.	90.	87.
31	100.	91.	86.	84.	79.
32	114.	109.	109.	109.	107.
33	114.	105.	104.	98.	91.
34	107.	96.	88.	81.	81.
35	99.	82.	86.	85.	82.
36	105.	91.	92.	88.	82.

RING DISTANCES(KM)= 5.50 6.00 7.00 20.80 53.20

STACK # 1--TECO 4 100% 31.5T/H SO2

STACK	MONTH	EMISSION RATE (GMS/SEC)	HEIGHT (METERS)	DIAMETER (METERS)	EXIT VELOCITY (M/SEC)	TEMP (DEG.K)	VOLUMETRIC FLOW (MA*3/SEC)
1	ALL	709.4299	149.40	7.32	20.00	342.00	841.67

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAX3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 2.2191E-05 DIRECTION= 9 DISTANCE= 5.5 KM DAY=167

YEAR= 71

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	8.6609E-06 (113)	8.3856E-06 (113)	7.9643E-06 (113)	5.9935E-06 (38)	2.8417E-06 (113)
2	1.3024E-05 (331)	1.1946E-05 (331)	1.1469E-05 (61)	7.4133E-06 (30)	3.2091E-06 (61)
3	1.1036E-05 (205)	1.0560E-05 (287)	9.4591E-06 (287)	4.1698E-06 (111)	2.4159E-06 (111)
4	1.3010E-05 (205)	1.1925E-05 (205)	1.0015E-05 (205)	4.0324E-06 (287)	1.6903E-06 (180)
5	1.2193E-05 (289)	1.1525E-05 (289)	1.0242E-05 (289)	3.6917E-06 (118)	2.6353E-06 (118)
6	9.3365E-06 (17)	8.6634E-06 (17)	7.4961E-06 (17)	7.5360E-06 (114)	3.2890E-06 (118)
7	1.2063E-05 (224)	1.1271E-05 (224)	9.8172E-06 (224)	5.5069E-06 (118)	2.3316E-06 (117)
8	1.2181E-05 (257)	1.1288E-05 (257)	9.9405E-06 (256)	5.7694E-06 (167)	2.5423E-06 (256)
9	2.2191E-05 (167)	2.1654E-05 (167)	2.0835E-05 (167)	1.1709E-05 (166)	4.7163E-06 (166)
10	1.7730E-05 (161)	1.6657E-05 (161)	1.4724E-05 (161)	7.3459E-06 (195)	3.5991E-06 (195)
11	1.0124E-05 (161)	9.5646E-06 (161)	8.5590E-06 (161)	4.9459E-06 (44)	2.1612E-06 (325)
12	1.1038E-05 (217)	1.1204E-05 (217)	1.0306E-05 (217)	7.0201E-06 (123)	3.1063E-06 (217)
13	9.0744E-06 (123)	8.4852E-06 (123)	7.4752E-06 (123)	3.8527E-06 (141)	2.4716E-06 (79)
14	8.6719E-06 (199)	8.0444E-06 (199)	6.8350E-06 (199)	4.5495E-06 (63)	2.6988E-06 (214)
15	1.0361E-05 (221)	9.5308E-06 (221)	8.5310E-06 (121)	5.7126E-06 (121)	2.8183E-06 (299)
16	9.9300E-06 (121)	9.3863E-06 (222)	8.1736E-06 (89)	4.9470E-06 (9)	2.6744E-06 (76)
17	7.4984E-06 (317)	6.9538E-06 (317)	5.9913E-06 (317)	3.7592E-06 (67)	1.5499E-06 (226)
18	7.4712E-06 (316)	7.4617E-06 (155)	6.5162E-06 (124)	4.6035E-06 (155)	2.5032E-06 (129)
19	5.7563E-06 (275)	5.8457E-06 (203)	5.7584E-06 (203)	4.9228E-06 (67)	2.5349E-06 (314)
20	5.7480E-06 (334)	5.8457E-06 (203)	5.7584E-06 (203)	3.4512E-06 (41)	2.1122E-06 (150)
21	1.0659E-05 (334)	1.0197E-05 (312)	9.3636E-06 (334)	6.8949E-06 (356)	3.4945E-06 (356)
22	8.0522E-06 (311)	7.5711E-06 (311)	6.8687E-06 (2)	6.8311E-06 (356)	3.3850E-06 (313)
23	1.0849E-05 (271)	1.0305E-05 (271)	9.3912E-06 (271)	1.0048E-05 (292)	4.2664E-06 (292)
24	1.1063E-05 (156)	1.0552E-05 (156)	9.4612E-06 (90)	8.8279E-06 (319)	5.5363E-06 (319)
25	1.1972E-05 (156)	1.1257E-05 (156)	1.0089E-05 (156)	5.0057E-06 (156)	3.2966E-06 (156)
26	1.1063E-05 (48)	1.0815E-05 (48)	9.9147E-06 (154)	8.2806E-06 (33)	3.5200E-06 (304)
27	1.6395E-05 (101)	1.5026E-05 (101)	1.2786E-05 (101)	7.8808E-06 (49)	3.6717E-06 (13)
28	1.4333E-05 (101)	1.3206E-05 (101)	1.1300E-05 (101)	5.9314E-06 (327)	3.2706E-06 (244)
29	1.2235E-05 (188)	1.1881E-05 (188)	1.1133E-05 (188)	6.5443E-06 (143)	3.6482E-06 (231)
30	1.3282E-05 (210)	1.2372E-05 (210)	1.0786E-05 (72)	7.2873E-06 (143)	4.9434E-06 (343)
31	1.1666E-05 (143)	1.0766E-05 (143)	9.1577E-06 (143)	5.8799E-06 (242)	3.4048E-06 (261)
32	9.0025E-06 (347)	8.8927E-06 (347)	7.5510E-06 (347)	4.0509E-06 (345)	2.4973E-06 (202)
33	1.5335E-05 (363)	1.4217E-05 (363)	1.2856E-05 (361)	7.1299E-06 (227)	4.3068E-06 (205)
34	1.1306E-05 (259)	1.0239E-05 (259)	8.7598E-06 (200)	4.0553E-06 (157)	2.8455E-06 (59)
35	7.7852E-06 (211)	6.9140E-06 (260)	5.7885E-06 (229)	3.3798E-06 (252)	2.3117E-06 (255)
36	9.3675E-06 (179)	8.9503E-06 (179)	8.5836E-06 (290)	7.4449E-06 (9)	4.3254E-06 (9)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAA3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 9.0526E-05 DIRECTION= 9 DISTANCE= 5.5 KM DAY=362 TIME PERIOD= 5

YEAR= 71

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	6.5977E-05 (239, 4)	6.6762E-05 (239, 4)	6.2903E-05 (217, 4)	2.7465E-05 (201, 4)	1.6856E-05 (8, 8)
2	6.8889E-05 (25, 4)	6.3709E-05 (25, 4)	5.4509E-05 (25, 4)	2.7867E-05 (30, 6)	1.2835E-05 (103, 3)
3	8.3260E-05 (331, 5)	7.5297E-05 (331, 5)	6.2533E-05 (331, 5)	2.4518E-05 (65, 6)	1.3306E-05 (112, 2)
4	8.3797E-05 (127, 4)	7.7238E-05 (127, 4)	6.4988E-05 (127, 4)	2.4152E-05 (114, 1)	1.0746E-05 (116, 1)
5	7.8731E-05 (219, 6)	7.2935E-05 (219, 6)	6.1930E-05 (219, 6)	1.9341E-05 (205, 6)	1.2288E-05 (118, 8)
6	5.8266E-05 (224, 4)	5.4634E-05 (159, 4)	4.6547E-05 (159, 4)	2.2591E-05 (117, 2)	1.6584E-05 (117, 2)
7	6.9967E-05 (224, 4)	6.6100E-05 (224, 4)	5.8742E-05 (224, 4)	2.7602E-05 (114, 5)	1.2214E-05 (73, 6)
8	8.8261E-05 (232, 5)	8.1472E-05 (232, 5)	6.6936E-05 (257, 5)	2.1395E-05 (240, 4)	1.2496E-05 (344, 6)
9	9.6526E-05 (362, 5)	8.9674E-05 (362, 5)	7.7130E-05 (362, 5)	3.7357E-05 (166, 1)	2.0437E-05 (229, 7)
10	8.0375E-05 (298, 4)	7.6607E-05 (298, 4)	6.6895E-05 (161, 3)	3.4511E-05 (172, 8)	1.4391E-05 (104, 7)
11	5.0495E-05 (220, 6)	4.7729E-05 (220, 6)	4.1453E-05 (183, 3)	1.9312E-05 (96, 8)	1.2803E-05 (346, 6)
12	7.6333E-05 (136, 4)	7.0423E-05 (136, 4)	6.0317E-05 (136, 4)	2.5580E-05 (217, 3)	1.2449E-05 (337, 7)
13	5.1636E-05 (136, 4)	4.6846E-05 (136, 4)	3.8790E-05 (136, 4)	1.9666E-05 (79, 1)	1.3209E-05 (200, 7)
14	6.9375E-05 (199, 6)	6.4355E-05 (199, 6)	5.4011E-05 (104, 4)	2.0950E-05 (100, 6)	2.1590E-05 (214, 1)
15	6.7633E-05 (29, 4)	6.3992E-05 (29, 4)	5.6684E-05 (29, 4)	2.4004E-05 (89, 1)	1.3482E-05 (235, 7)
16	6.4594E-05 (169, 4)	5.8784E-05 (169, 4)	4.9141E-05 (169, 4)	2.4107E-05 (9, 6)	1.5647E-05 (9, 8)
17	5.0691E-05 (315, 5)	4.7100E-05 (315, 5)	4.0104E-05 (315, 5)	2.0971E-05 (67, 4)	1.0669E-05 (289, 6)
18	4.6434E-05 (124, 5)	4.3393E-05 (275, 4)	3.8445E-05 (275, 4)	2.7346E-05 (89, 3)	1.5241E-05 (226, 1)
19	4.5391E-05 (203, 5)	4.3634E-05 (275, 4)	3.8637E-05 (275, 4)	2.3849E-05 (338, 3)	1.1400E-05 (67, 3)
20	4.5391E-05 (203, 5)	4.6765E-05 (203, 5)	4.6067E-05 (203, 5)	2.1153E-05 (301, 5)	1.2430E-05 (357, 8)
21	5.2009E-05 (329, 4)	4.9899E-05 (329, 4)	4.5675E-05 (170, 3)	2.5733E-05 (115, 3)	1.5954E-05 (357, 1)
22	5.9857E-05 (2, 4)	5.6975E-05 (142, 5)	4.6458E-05 (142, 5)	2.6200E-05 (32, 6)	1.6909E-05 (301, 8)
23	6.7196E-05 (271, 5)	6.1619E-05 (271, 5)	5.4692E-05 (273, 4)	3.0782E-05 (309, 2)	1.4066E-05 (267, 3)
24	6.3899E-05 (269, 4)	5.8236E-05 (269, 4)	5.3510E-05 (317, 4)	3.0149E-05 (204, 6)	2.0325E-05 (310, 1)
25	7.0819E-05 (137, 4)	6.7097E-05 (232, 4)	5.9692E-05 (285, 4)	2.9215E-05 (94, 2)	1.5451E-05 (17, 1)
26	6.8439E-05 (142, 3)	6.6251E-05 (142, 3)	6.0322E-05 (142, 3)	2.4696E-05 (294, 3)	1.8525E-05 (336, 7)
27	7.1938E-05 (153, 3)	6.7255E-05 (153, 3)	5.8676E-05 (153, 3)	2.8181E-05 (305, 6)	1.7561E-05 (13, 4)
28	7.5318E-05 (192, 3)	7.5432E-05 (192, 3)	6.8496E-05 (231, 4)	3.0906E-05 (244, 6)	1.5161E-05 (241, 7)
29	6.8188E-05 (231, 4)	6.2845E-05 (231, 4)	5.4379E-05 (231, 4)	3.3080E-05 (233, 4)	1.7981E-05 (3, 6)
30	7.7495E-05 (211, 3)	7.3215E-05 (211, 3)	6.5034E-05 (211, 3)	3.1782E-05 (156, 8)	2.1888E-05 (253, 1)
31	6.1989E-05 (87, 4)	5.7978E-05 (87, 4)	5.0897E-05 (87, 4)	2.7635E-05 (181, 3)	1.5268E-05 (349, 2)
32	6.1099E-05 (230, 4)	5.8133E-05 (199, 3)	5.7695E-05 (139, 3)	2.6329E-05 (345, 4)	1.6045E-05 (328, 4)
33	8.4456E-05 (185, 4)	8.0443E-05 (185, 4)	7.2183E-05 (185, 4)	2.8871E-05 (333, 1)	1.7755E-05 (205, 2)
34	7.9182E-05 (200, 3)	7.6565E-05 (200, 3)	6.4871E-05 (187, 4)	2.5789E-05 (180, 3)	1.4267E-05 (59, 1)
35	5.9558E-05 (260, 4)	5.3181E-05 (260, 4)	4.4167E-05 (260, 4)	1.9279E-05 (252, 1)	1.8493E-05 (255, 8)
36	7.4940E-05 (179, 3)	7.1603E-05 (179, 3)	6.8669E-05 (290, 4)	2.7763E-05 (282, 4)	1.6098E-05 (9, 3)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 2.3873E-05 DIRECTION= 9 DISTANCE= 5.5 KM DAY=242

YEAR= 72

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

DIR \ RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	1.2449E-05 (113)	1.1462E-05 (113)	9.8223E-06 (113)	5.6452E-06 (330)	2.7711E-06 (357)
2	1.4370E-05 (57)	1.3319E-05 (57)	1.1486E-05 (57)	5.6820E-06 (89)	3.6565E-06 (114)
3	1.1660E-05 (105)	1.0872E-05 (105)	1.0107E-05 (162)	6.6058E-06 (89)	3.5420E-06 (89)
4	9.2885E-06 (58)	8.5883E-06 (58)	7.2708E-06 (58)	3.5157E-06 (98)	2.1051E-06 (98)
5	1.1941E-05 (292)	1.0993E-05 (292)	9.3379E-06 (292)	3.8195E-06 (130)	2.3859E-06 (312)
6	1.2968E-05 (261)	1.2160E-05 (210)	1.0662E-05 (210)	6.2490E-06 (210)	3.1349E-06 (88)
7	1.3990E-05 (309)	1.2612E-05 (309)	1.0353E-05 (309)	5.1565E-06 (172)	2.4134E-06 (99)
8	1.4193E-05 (220)	1.3059E-05 (220)	1.2018E-05 (177)	6.8931E-06 (99)	3.7010E-06 (180)
9	2.3873E-05 (242)	2.1845E-05 (242)	1.8583E-05 (242)	1.7177E-05 (173)	6.6136E-06 (175)
10	1.7229E-05 (181)	1.5973E-05 (181)	1.3859E-05 (181)	6.2614E-06 (124)	2.7030E-06 (220)
11	1.0137E-05 (131)	9.6806E-06 (143)	8.0796E-06 (222)	5.7611E-06 (143)	2.7345E-06 (143)
12	1.4368E-05 (245)	1.3505E-05 (245)	1.1971E-05 (245)	6.5333E-06 (245)	3.0273E-06 (184)
13	1.1723E-05 (116)	1.1256E-05 (116)	9.4453E-06 (146)	5.9849E-06 (44)	3.2620E-06 (361)
14	7.1019E-06 (48)	6.8578E-06 (48)	6.3770E-06 (48)	5.7824E-06 (360)	3.6804E-06 (65)
15	6.6559E-06 (26)	6.8714E-06 (26)	6.7939E-06 (26)	5.7172E-06 (44)	3.7439E-06 (6)
16	7.1765E-06 (322)	6.8962E-06 (322)	6.3551E-06 (322)	4.6065E-06 (325)	1.9596E-06 (325)
17	8.0716E-06 (326)	8.3907E-06 (326)	8.4070E-06 (263)	6.3293E-06 (351)	2.7398E-06 (351)
18	9.5664E-06 (147)	9.1402E-06 (147)	8.1034E-06 (147)	8.5490E-06 (328)	4.3875E-06 (326)
19	1.0269E-05 (239)	9.8797E-06 (239)	8.9770E-06 (239)	4.9857E-06 (16)	2.3633E-06 (16)
20	9.0884E-06 (83)	8.7957E-06 (83)	8.0673E-06 (83)	3.7332E-06 (336)	2.5496E-06 (40)
21	9.1738E-06 (256)	8.3190E-06 (256)	6.9412E-06 (336)	5.2901E-06 (16)	2.1507E-06 (92)
22	1.0028E-05 (288)	9.1201E-06 (288)	7.8444E-06 (86)	8.0652E-06 (69)	4.1914E-06 (40)
23	9.2883E-06 (227)	8.8899E-06 (227)	8.9255E-06 (70)	9.4340E-06 (117)	4.5071E-06 (353)
24	1.2720E-05 (288)	1.1960E-05 (288)	1.0851E-05 (192)	7.8254E-06 (271)	4.3703E-06 (353)
25	1.4671E-05 (86)	1.3658E-05 (86)	1.1939E-05 (86)	7.4293E-06 (156)	3.6388E-06 (311)
26	1.9132E-05 (265)	1.7612E-05 (265)	1.5080E-05 (265)	7.5257E-06 (203)	3.6869E-06 (66)
27	1.3357E-05 (208)	1.3272E-05 (306)	1.4086E-05 (306)	1.1810E-05 (268)	5.9282E-06 (167)
28	1.5371E-05 (197)	1.4532E-05 (197)	1.2933E-05 (197)	1.3304E-05 (121)	5.6506E-06 (121)
29	1.4642E-05 (101)	1.3911E-05 (101)	1.2629E-05 (230)	6.7627E-06 (127)	2.9246E-06 (324)
30	1.1024E-05 (198)	1.0445E-05 (198)	9.5411E-06 (228)	6.4319E-06 (102)	3.8231E-06 (324)
31	1.2228E-05 (318)	1.1747E-05 (332)	1.0083E-05 (332)	5.4518E-06 (318)	2.9583E-06 (213)
32	1.1945E-05 (61)	1.1119E-05 (61)	9.6944E-06 (61)	5.3002E-06 (120)	3.5895E-06 (1)
33	1.4873E-05 (12)	1.3993E-05 (12)	1.2186E-05 (1)	7.4246E-06 (12)	3.5794E-06 (301)
34	8.9089E-06 (210)	8.5550E-06 (237)	8.4881E-06 (237)	5.4107E-06 (22)	2.8864E-06 (22)
35	8.1507E-06 (319)	7.8697E-06 (319)	7.2597E-06 (319)	3.8869E-06 (309)	2.1575E-06 (13)
36	8.1558E-06 (341)	7.8415E-06 (341)	7.2235E-06 (319)	5.7603E-06 (301)	2.4847E-06 (357)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAA3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 1.1963E-04 DIRECTION= 28 DISTANCE= 5.5 KM DAY=197 TIME PERIOD= 3

YEAR= 72

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	5.9456E-05 (341, 4)	5.6438E-05 (341, 4)	5.0300E-05 (341, 4)	2.9664E-05 (38, 2)	1.4241E-05 (330, 7)
2	7.2606E-05 (57, 4)	6.5497E-05 (55, 5)	5.6567E-05 (57, 4)	2.8268E-05 (5, 6)	1.4313E-05 (5, 6)
3	6.6660E-05 (57, 5)	6.0731E-05 (57, 5)	5.0338E-05 (57, 5)	2.8218E-05 (162, 3)	1.2374E-05 (319, 6)
4	6.4581E-05 (245, 5)	6.2640E-05 (245, 5)	5.7755E-05 (245, 5)	2.0416E-05 (43, 6)	1.0905E-05 (274, 8)
5	7.0433E-05 (233, 4)	6.5061E-05 (233, 4)	5.6366E-05 (233, 4)	2.5265E-05 (130, 3)	1.2900E-05 (130, 3)
6	8.2285E-05 (210, 6)	7.6241E-05 (210, 6)	6.5486E-05 (210, 6)	2.7801E-05 (85, 4)	1.7137E-05 (350, 6)
7	7.6942E-05 (138, 4)	7.1106E-05 (138, 4)	6.0280E-05 (138, 4)	2.5731E-05 (220, 2)	1.1067E-05 (316, 6)
8	7.2523E-05 (290, 4)	6.7561E-05 (290, 4)	5.8836E-05 (290, 4)	2.7628E-05 (177, 6)	1.3713E-05 (153, 1)
9	9.6500E-05 (182, 4)	8.7703E-05 (182, 4)	7.4698E-05 (183, 4)	3.1068E-05 (174, 2)	1.7992E-05 (334, 8)
10	8.4022E-05 (215, 5)	7.7435E-05 (215, 5)	6.5281E-05 (215, 5)	2.5323E-05 (219, 6)	1.3109E-05 (96, 6)
11	5.2998E-05 (222, 5)	4.7823E-05 (222, 5)	4.2829E-05 (239, 5)	3.2933E-05 (144, 6)	1.2967E-05 (97, 7)
12	5.8662E-05 (245, 6)	5.4888E-05 (245, 6)	4.8715E-05 (245, 6)	2.8247E-05 (245, 6)	2.3550E-05 (5, 8)
13	7.2302E-05 (184, 4)	6.7312E-05 (184, 4)	5.8732E-05 (184, 4)	2.1303E-05 (116, 3)	1.5352E-05 (320, 1)
14	5.6815E-05 (48, 4)	5.4862E-05 (48, 4)	5.1016E-05 (48, 4)	3.0191E-05 (281, 4)	1.7802E-05 (142, 3)
15	4.2976E-05 (194, 3)	3.9717E-05 (194, 3)	3.4309E-05 (194, 3)	2.9712E-05 (50, 1)	2.1024E-05 (299, 7)
16	4.6158E-05 (263, 4)	4.0297E-05 (263, 4)	3.7600E-05 (216, 4)	2.1437E-05 (148, 6)	1.1663E-05 (327, 1)
17	5.4905E-05 (45, 5)	5.3457E-05 (23, 4)	4.8914E-05 (23, 4)	2.2020E-05 (351, 8)	1.1209E-05 (160, 1)
18	7.0754E-05 (208, 5)	6.5860E-05 (208, 5)	5.7725E-05 (208, 5)	2.5815E-05 (48, 1)	1.3857E-05 (39, 6)
19	5.6345E-05 (239, 4)	5.4866E-05 (239, 4)	5.0544E-05 (239, 4)	2.4031E-05 (275, 3)	1.5639E-05 (208, 5)
20	4.2738E-05 (83, 3)	4.1929E-05 (83, 3)	3.8806E-05 (83, 3)	2.0256E-05 (31, 4)	1.2616E-05 (40, 7)
21	6.5960E-05 (256, 5)	5.9865E-05 (256, 5)	4.9585E-05 (288, 5)	2.3881E-05 (338, 5)	1.7048E-05 (114, 7)
22	5.6693E-05 (122, 5)	5.2383E-05 (122, 5)	4.4432E-05 (122, 5)	2.4472E-05 (40, 5)	1.4286E-05 (278, 2)
23	5.7411E-05 (227, 4)	5.4496E-05 (342, 5)	4.6034E-05 (342, 5)	3.1132E-05 (70, 1)	1.6120E-05 (240, 7)
24	5.8979E-05 (52, 4)	5.7729E-05 (52, 4)	5.2532E-05 (192, 3)	2.5045E-05 (100, 7)	1.7583E-05 (339, 2)
25	7.2835E-05 (265, 3)	6.8903E-05 (265, 3)	6.3112E-05 (204, 3)	2.7912E-05 (100, 5)	1.5728E-05 (268, 3)
26	5.8272E-05 (157, 3)	5.5105E-05 (157, 3)	5.2872E-05 (194, 3)	2.8656E-05 (126, 8)	1.6604E-05 (293, 3)
27	6.9221E-05 (240, 4)	6.5480E-05 (240, 4)	5.8179E-05 (240, 4)	3.5437E-05 (268, 8)	2.0489E-05 (166, 1)
28	1.1963E-04 (197, 3)	1.1321E-04 (197, 3)	1.0073E-04 (197, 3)	3.5358E-05 (133, 7)	1.7649E-05 (161, 1)
29	6.8133E-05 (231, 3)	6.4729E-05 (231, 3)	5.7468E-05 (231, 3)	2.5246E-05 (47, 2)	1.6465E-05 (21, 1)
30	8.2408E-05 (228, 3)	7.6537E-05 (1, 4)	6.4815E-05 (1, 4)	2.8231E-05 (102, 4)	1.3152E-05 (343, 4)
31	5.5062E-05 (318, 3)	5.2552E-05 (318, 3)	4.6995E-05 (318, 3)	2.1994E-05 (155, 7)	1.7291E-05 (236, 7)
32	7.1507E-05 (234, 4)	7.2042E-05 (234, 4)	6.9158E-05 (234, 4)	2.8078E-05 (234, 4)	1.6022E-05 (1, 8)
33	8.1303E-05 (12, 4)	7.5666E-05 (12, 4)	6.4598E-05 (12, 4)	2.7625E-05 (301, 8)	1.4125E-05 (365, 6)
34	6.5319E-05 (237, 5)	6.5065E-05 (237, 5)	6.5121E-05 (149, 3)	3.3746E-05 (237, 1)	1.6379E-05 (211, 3)
35	5.1013E-05 (87, 4)	4.7765E-05 (87, 4)	4.7555E-05 (236, 4)	2.1091E-05 (90, 7)	1.2845E-05 (13, 8)
36	5.7185E-05 (64, 4)	5.3121E-05 (319, 5)	5.3075E-05 (341, 4)	2.4540E-05 (302, 3)	1.1973E-05 (299, 3)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MM3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 2.0150E-05 DIRECTION= 26 DISTANCE= 5.5 KM DAY=336

YEAR= 73

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	9.6266E-06 (193)	9.0334E-06 (193)	8.5307E-06 (148)	6.0229E-06 (364)	3.1003E-06 (364)
2	1.1469E-05 (159)	1.0503E-05 (159)	9.0856E-06 (201)	6.1978E-06 (146)	3.2269E-06 (148)
3	9.5721E-06 (3)	8.9496E-06 (3)	7.7981E-06 (3)	4.7913E-06 (200)	2.4211E-06 (200)
4	9.0439E-06 (222)	8.4820E-06 (222)	7.5336E-06 (222)	4.8655E-06 (145)	2.7973E-06 (194)
5	1.5081E-05 (313)	1.4231E-05 (313)	1.2729E-05 (313)	4.5420E-06 (117)	1.9063E-06 (117)
6	1.5126E-05 (209)	1.4476E-05 (209)	1.3059E-05 (186)	6.9520E-06 (209)	3.1122E-06 (209)
7	1.3638E-05 (252)	1.2624E-05 (181)	1.1040E-05 (181)	5.8268E-06 (209)	2.9486E-06 (20)
8	1.3171E-05 (185)	1.2118E-05 (187)	1.0696E-05 (187)	4.2643E-06 (253)	1.9550E-06 (27)
9	1.4390E-05 (236)	1.3623E-05 (236)	1.2143E-05 (236)	8.1676E-06 (134)	4.5000E-06 (180)
10	1.3097E-05 (196)	1.1795E-05 (196)	1.0287E-05 (166)	7.2815E-06 (258)	3.9777E-06 (258)
11	1.1002E-05 (169)	1.0243E-05 (263)	9.5734E-06 (169)	7.3047E-06 (76)	3.0783E-06 (222)
12	9.8070E-06 (138)	9.2672E-06 (138)	8.6107E-06 (76)	6.2421E-06 (98)	3.2832E-06 (98)
13	7.9389E-06 (231)	7.8139E-06 (231)	7.9927E-06 (41)	8.2067E-06 (41)	3.5565E-06 (162)
14	8.4181E-06 (38)	7.8386E-06 (38)	6.8540E-06 (38)	6.6149E-06 (175)	3.5157E-06 (289)
15	8.2688E-06 (47)	7.9384E-06 (47)	7.1023E-06 (118)	4.8054E-06 (77)	2.4326E-06 (350)
16	1.0859E-05 (188)	1.0304E-05 (188)	9.0687E-06 (188)	3.8609E-06 (342)	2.2597E-06 (5)
17	9.7877E-06 (131)	9.2280E-06 (131)	7.8182E-06 (188)	6.9931E-06 (342)	3.3605E-06 (12)
18	9.6194E-06 (103)	8.8106E-06 (103)	7.5209E-06 (103)	4.6471E-06 (51)	3.0834E-06 (297)
19	8.9556E-06 (305)	8.4707E-06 (305)	7.5382E-06 (305)	5.3227E-06 (136)	2.9030E-06 (10)
20	9.3495E-06 (233)	8.4352E-06 (233)	7.4068E-06 (305)	7.3921E-06 (24)	4.2743E-06 (24)
21	1.6571E-05 (221)	1.5588E-05 (221)	1.3688E-05 (221)	8.2738E-06 (11)	4.4351E-06 (11)
22	1.0716E-05 (125)	9.8383E-06 (125)	8.3447E-06 (125)	7.8697E-06 (233)	3.4582E-06 (292)
23	9.7743E-06 (277)	9.8276E-06 (277)	9.7860E-06 (277)	8.3513E-06 (291)	3.8612E-06 (16)
24	1.5753E-05 (316)	1.4658E-05 (316)	1.2593E-05 (316)	6.6211E-06 (276)	4.1473E-06 (240)
25	1.9711E-05 (321)	1.8608E-05 (321)	1.6545E-05 (321)	6.7619E-06 (235)	4.2523E-06 (271)
26	2.0150E-05 (336)	1.8984E-05 (336)	1.6651E-05 (336)	6.1442E-06 (154)	3.0547E-06 (154)
27	1.2031E-05 (121)	1.1440E-05 (287)	9.8939E-06 (287)	7.9206E-06 (106)	4.2218E-06 (288)
28	1.2080E-05 (286)	1.1210E-05 (121)	1.0854E-05 (121)	7.3331E-06 (105)	3.2146E-06 (318)
29	1.2093E-05 (238)	1.1366E-05 (238)	1.0132E-05 (238)	6.4827E-06 (105)	3.6008E-06 (105)
30	1.3743E-05 (244)	1.3055E-05 (244)	1.1703E-05 (244)	7.0043E-06 (359)	3.6023E-06 (243)
31	9.8479E-06 (160)	9.6055E-06 (160)	8.9745E-06 (160)	6.4125E-06 (88)	3.7077E-06 (113)
32	1.3299E-05 (328)	1.2992E-05 (328)	1.1211E-05 (157)	8.9137E-06 (90)	3.9869E-06 (359)
33	1.3015E-05 (202)	1.1547E-05 (202)	9.9265E-06 (252)	5.7617E-06 (328)	2.4268E-06 (328)
34	1.2256E-05 (217)	1.1256E-05 (217)	9.6693E-06 (217)	5.8667E-06 (213)	2.9659E-06 (213)
35	1.2669E-05 (115)	1.1944E-05 (115)	1.0432E-05 (115)	7.6761E-06 (93)	3.9378E-06 (349)
36	9.2900E-06 (194)	8.4830E-06 (194)	7.1141E-06 (194)	5.4535E-06 (79)	3.0317E-06 (347)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAA3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 9.8595E-05 DIRECTION= 9 DISTANCE= 5.5 KM DAY=180 TIME PERIOD= 3

YEAR= 73

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	5.9471E-05 (364, 5)	5.7671E-05 (364, 5)	5.1376E-05 (150, 4)	2.6151E-05 (195, 3)	1.4959E-05 (45, 7)
2	7.8078E-05 (257, 3)	7.5176E-05 (257, 3)	6.7955E-05 (257, 3)	2.5712E-05 (257, 3)	1.2430E-05 (15, 4)
3	6.8262E-05 (269, 5)	6.0881E-05 (269, 5)	4.9871E-05 (269, 5)	2.6311E-05 (200, 7)	1.1571E-05 (200, 7)
4	6.6638E-05 (222, 4)	6.1603E-05 (222, 4)	5.3616E-05 (222, 4)	1.7875E-05 (116, 8)	1.3520E-05 (210, 8)
5	8.3014E-05 (132, 4)	7.6664E-05 (132, 4)	6.6575E-05 (132, 4)	2.5131E-05 (117, 1)	1.1696E-05 (210, 8)
6	7.9494E-05 (235, 5)	7.3792E-05 (235, 5)	6.4080E-05 (235, 5)	2.5017E-05 (140, 3)	1.2553E-05 (195, 8)
7	6.3547E-05 (252, 6)	5.8536E-05 (252, 6)	5.0614E-05 (326, 4)	2.6477E-05 (209, 6)	1.9948E-05 (114, 7)
8	8.2545E-05 (289, 5)	7.5797E-05 (289, 5)	6.6738E-05 (19, 4)	2.5137E-05 (19, 4)	1.0439E-05 (19, 4)
9	9.8595E-05 (180, 3)	9.3847E-05 (180, 3)	8.4182E-05 (180, 3)	2.8972E-05 (253, 6)	1.3974E-05 (180, 3)
10	5.8945E-05 (173, 6)	5.3818E-05 (173, 6)	4.4674E-05 (173, 6)	2.3909E-05 (129, 6)	1.6056E-05 (169, 7)
11	6.4557E-05 (166, 3)	6.3240E-05 (166, 3)	5.9019E-05 (166, 3)	2.6772E-05 (85, 4)	1.4496E-05 (175, 1)
12	5.6363E-05 (138, 3)	5.3981E-05 (138, 3)	4.8827E-05 (138, 3)	2.5275E-05 (207, 4)	1.3250E-05 (258, 7)
13	5.9086E-05 (6, 4)	5.5095E-05 (6, 4)	4.7980E-05 (6, 4)	2.2904E-05 (268, 7)	2.1320E-05 (268, 7)
14	5.5909E-05 (167, 3)	5.5167E-05 (167, 3)	5.1524E-05 (167, 3)	2.7047E-05 (332, 8)	2.2547E-05 (86, 7)
15	5.6731E-05 (200, 4)	5.5307E-05 (200, 4)	5.0936E-05 (200, 4)	2.3034E-05 (58, 4)	1.2528E-05 (71, 8)
16	5.6244E-05 (131, 3)	5.4536E-05 (131, 3)	4.9600E-05 (131, 3)	2.1197E-05 (12, 5)	1.5540E-05 (254, 3)
17	5.4060E-05 (53, 4)	5.1427E-05 (53, 4)	4.6945E-05 (53, 4)	2.6135E-05 (342, 1)	1.5203E-05 (14, 4)
18	6.2480E-05 (14, 4)	5.9410E-05 (14, 4)	5.1751E-05 (297, 5)	2.0141E-05 (14, 4)	1.2913E-05 (258, 8)
19	5.9978E-05 (131, 4)	5.4907E-05 (131, 4)	4.6921E-05 (131, 4)	2.5994E-05 (233, 3)	1.4505E-05 (297, 3)
20	5.7979E-05 (268, 3)	5.8029E-05 (268, 3)	5.5495E-05 (268, 3)	2.2784E-05 (345, 4)	1.3028E-05 (273, 8)
21	7.5847E-05 (221, 6)	7.2338E-05 (221, 6)	6.4199E-05 (92, 4)	2.8624E-05 (305, 4)	1.4840E-05 (11, 1)
22	6.4260E-05 (125, 4)	5.8264E-05 (233, 3)	5.0774E-05 (233, 3)	2.3561E-05 (292, 1)	1.2188E-05 (295, 3)
23	5.4289E-05 (221, 3)	5.1745E-05 (346, 4)	4.8003E-05 (346, 4)	2.7569E-05 (16, 5)	1.3966E-05 (43, 6)
24	6.3965E-05 (310, 4)	6.2769E-05 (153, 3)	5.4470E-05 (59, 4)	3.1460E-05 (240, 7)	1.4867E-05 (260, 1)
25	8.0642E-05 (352, 4)	7.6457E-05 (352, 4)	6.8135E-05 (352, 4)	3.4955E-05 (260, 3)	1.9221E-05 (288, 6)
26	9.1081E-05 (330, 5)	8.5382E-05 (229, 3)	7.6300E-05 (229, 3)	3.0579E-05 (25, 7)	1.7611E-05 (211, 3)
27	7.0186E-05 (121, 3)	6.6643E-05 (121, 3)	5.9345E-05 (121, 3)	3.3054E-05 (17, 6)	2.1608E-05 (242, 7)
28	8.4680E-05 (232, 4)	7.8174E-05 (232, 4)	6.7847E-05 (232, 4)	3.1789E-05 (60, 8)	1.6773E-05 (8, 1)
29	7.1946E-05 (318, 4)	6.8222E-05 (318, 4)	6.1410E-05 (219, 3)	2.8028E-05 (249, 4)	1.9080E-05 (150, 8)
30	6.3762E-05 (176, 5)	5.9008E-05 (176, 5)	5.4831E-05 (222, 3)	2.9958E-05 (337, 4)	1.6610E-05 (21, 2)
31	6.3459E-05 (171, 4)	5.6235E-05 (171, 4)	5.2243E-05 (176, 3)	2.9057E-05 (160, 3)	1.7029E-05 (163, 3)
32	6.4441E-05 (157, 4)	6.2645E-05 (328, 3)	5.7807E-05 (328, 3)	3.0165E-05 (67, 4)	1.6095E-05 (301, 2)
33	7.7815E-05 (274, 4)	7.1236E-05 (274, 4)	6.3158E-05 (306, 4)	2.7425E-05 (359, 5)	1.7410E-05 (32, 8)
34	6.2046E-05 (289, 4)	5.7130E-05 (289, 4)	5.0149E-05 (64, 4)	2.4089E-05 (339, 2)	1.3706E-05 (126, 6)
35	7.7742E-05 (234, 4)	7.3056E-05 (234, 4)	6.4378E-05 (234, 4)	2.8015E-05 (93, 8)	1.7546E-05 (228, 1)
36	5.3497E-05 (148, 5)	4.9250E-05 (195, 3)	4.4230E-05 (261, 4)	2.7243E-05 (79, 6)	1.3120E-05 (261, 4)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 2.4593E-05 DIRECTION= 24 DISTANCE= 5.5 KM DAY=286

YEAR= 74

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	7.0532E-06 (208)	7.0840E-06 (208)	6.9974E-06 (84)	5.3029E-06 (175)	2.6243E-06 (208)
2	8.4617E-06 (207)	8.1684E-06 (91)	7.5202E-06 (127)	5.2296E-06 (30)	2.5925E-06 (143)
3	7.9547E-06 (216)	7.3654E-06 (216)	6.6762E-06 (309)	5.0685E-06 (39)	2.8062E-06 (209)
4	1.1713E-05 (229)	1.1054E-05 (229)	9.8539E-06 (229)	3.5894E-06 (229)	1.9845E-06 (88)
5	8.9708E-06 (228)	8.4970E-06 (228)	7.4820E-06 (228)	3.1482E-06 (78)	2.1338E-06 (210)
6	1.0865E-05 (7)	1.0037E-05 (7)	8.6752E-06 (7)	6.0873E-06 (88)	2.9004E-06 (209)
7	1.3001E-05 (16)	1.2639E-05 (16)	1.1501E-05 (16)	4.6119E-06 (147)	2.2125E-06 (90)
8	1.2816E-05 (163)	1.1869E-05 (163)	1.0165E-05 (163)	4.0025E-06 (87)	2.0658E-06 (203)
9	2.2792E-05 (230)	2.0886E-05 (230)	1.8641E-05 (191)	8.7372E-06 (192)	3.7337E-06 (71)
10	1.5349E-05 (192)	1.4309E-05 (192)	1.2633E-05 (192)	6.0438E-06 (47)	3.0037E-06 (230)
11	1.4146E-05 (192)	1.3136E-05 (192)	1.1286E-05 (192)	4.8004E-06 (72)	1.9329E-06 (335)
12	9.8429E-06 (200)	8.9229E-06 (200)	7.4307E-06 (196)	4.0901E-06 (167)	2.2272E-06 (240)
13	5.8699E-06 (222)	5.4038E-06 (222)	4.9529E-06 (257)	4.9023E-06 (39)	2.0677E-06 (99)
14	5.7226E-06 (222)	5.2385E-06 (222)	5.7654E-06 (56)	6.7252E-06 (40)	2.8635E-06 (56)
15	5.5024E-06 (99)	5.0531E-06 (197)	4.8304E-06 (291)	6.1048E-06 (96)	2.3253E-06 (96)
16	9.5195E-06 (338)	9.1228E-06 (338)	8.4083E-06 (338)	5.8250E-06 (326)	2.5388E-06 (151)
17	7.7453E-06 (317)	7.4165E-06 (317)	6.6857E-06 (317)	4.9546E-06 (355)	3.0421E-06 (310)
18	1.2038E-05 (311)	1.1078E-05 (311)	9.5326E-06 (311)	6.9407E-06 (279)	3.1592E-06 (279)
19	8.0694E-06 (121)	7.5143E-06 (364)	6.7971E-06 (121)	5.6012E-06 (311)	2.4334E-06 (311)
20	9.8550E-06 (281)	9.0965E-06 (281)	7.8441E-06 (281)	5.8319E-06 (330)	3.0381E-06 (57)
21	1.1696E-05 (264)	1.0635E-05 (264)	9.4938E-06 (182)	7.7416E-06 (107)	4.7058E-06 (279)
22	1.0390E-05 (172)	9.5597E-06 (172)	9.0464E-06 (274)	9.0009E-06 (276)	3.6779E-06 (313)
23	1.2747E-05 (315)	1.2596E-05 (298)	1.0555E-05 (298)	6.4695E-06 (267)	3.3121E-06 (293)
24	2.4593E-05 (286)	2.2664E-05 (286)	1.9319E-05 (286)	9.2686E-06 (284)	4.1681E-06 (284)
25	1.7134E-05 (194)	1.6348E-05 (194)	1.4255E-05 (307)	7.3648E-06 (285)	3.7859E-06 (194)
26	1.4768E-05 (305)	1.3504E-05 (305)	1.1505E-05 (305)	5.3578E-06 (233)	3.0979E-06 (349)
27	1.4966E-05 (233)	1.4689E-05 (233)	1.3814E-05 (233)	6.4878E-06 (194)	3.7083E-06 (333)
28	1.4654E-05 (2)	1.4266E-05 (2)	1.3473E-05 (2)	7.4385E-06 (101)	3.4123E-06 (2)
29	1.2185E-05 (240)	1.1230E-05 (240)	9.7063E-06 (240)	9.4404E-06 (140)	4.0245E-06 (140)
30	1.1542E-05 (240)	1.0618E-05 (240)	9.1554E-06 (240)	5.2791E-06 (334)	3.0695E-06 (139)
31	1.6890E-05 (215)	1.6015E-05 (215)	1.4286E-05 (215)	7.5008E-06 (134)	3.3898E-06 (134)
32	1.2786E-05 (227)	1.2145E-05 (227)	1.0860E-05 (227)	5.0693E-06 (217)	2.9285E-06 (9)
33	1.3161E-05 (221)	1.2212E-05 (220)	1.1309E-05 (220)	6.1922E-06 (220)	2.8587E-06 (94)
34	9.0252E-06 (221)	8.2900E-06 (221)	7.2553E-06 (206)	6.4334E-06 (84)	3.3333E-06 (84)
35	9.5252E-06 (242)	8.5071E-06 (242)	7.0069E-06 (33)	4.9131E-06 (208)	3.0740E-06 (82)
36	9.3818E-06 (161)	9.2412E-06 (161)	8.7850E-06 (161)	8.0716E-06 (175)	3.8606E-06 (349)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/M**3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 1.0203E-04 DIRECTION= 32 DISTANCE= 5.5 KM DAY=227 TIME PERIOD= 3

YEAR= 74

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	5.6918E-05 (98, 5)	5.2572E-05 (98, 5)	4.5308E-05 (98, 5)	3.1533E-05 (354, 5)	1.4796E-05 (52, 6)
2	5.6640E-05 (6, 5)	5.1747E-05 (324, 4)	4.5718E-05 (324, 4)	2.7809E-05 (21, 4)	1.4202E-05 (143, 3)
3	5.3766E-05 (103, 5)	5.3992E-05 (127, 4)	5.1423E-05 (216, 6)	2.6189E-05 (39, 2)	1.4299E-05 (209, 8)
4	5.9076E-05 (69, 5)	5.4605E-05 (69, 5)	4.6141E-05 (69, 5)	1.9783E-05 (346, 6)	1.1439E-05 (30, 8)
5	5.4213E-05 (158, 5)	4.9005E-05 (214, 5)	4.6558E-05 (163, 3)	2.2417E-05 (82, 4)	1.1305E-05 (210, 1)
6	8.2137E-05 (86, 5)	7.4774E-05 (86, 5)	6.1877E-05 (86, 5)	2.7466E-05 (209, 6)	1.4331E-05 (5, 4)
7	6.6903E-05 (146, 4)	6.2454E-05 (216, 6)	5.8248E-05 (216, 6)	2.3837E-05 (16, 5)	9.7611E-06 (268, 5)
8	7.1362E-05 (145, 4)	6.5134E-05 (144, 3)	6.1235E-05 (144, 3)	2.5202E-05 (104, 6)	1.5130E-05 (25, 6)
9	9.8747E-05 (230, 4)	8.9621E-05 (230, 4)	7.3872E-05 (230, 4)	3.1556E-05 (64, 6)	1.3277E-05 (123, 3)
10	8.7357E-05 (197, 6)	7.9746E-05 (197, 6)	6.6215E-05 (197, 6)	2.7000E-05 (69, 6)	1.3572E-05 (230, 7)
11	6.2573E-05 (192, 3)	5.9999E-05 (192, 3)	5.4098E-05 (192, 3)	2.7415E-05 (193, 2)	1.2035E-05 (155, 6)
12	6.0399E-05 (167, 3)	5.7305E-05 (167, 3)	5.0681E-05 (167, 3)	2.3323E-05 (162, 7)	1.3439E-05 (53, 6)
13	4.4596E-05 (257, 6)	4.2507E-05 (222, 6)	3.5713E-05 (222, 6)	1.9831E-05 (185, 5)	1.2912E-05 (148, 1)
14	3.9270E-05 (226, 6)	3.6728E-05 (167, 3)	3.2293E-05 (239, 6)	2.4333E-05 (325, 6)	1.4467E-05 (107, 7)
15	4.0028E-05 (225, 6)	3.8429E-05 (225, 6)	3.4460E-05 (225, 6)	2.1491E-05 (292, 6)	1.2162E-05 (163, 7)
16	4.6241E-05 (54, 5)	4.4567E-05 (54, 5)	4.0202E-05 (54, 5)	2.5901E-05 (316, 3)	1.1767E-05 (151, 3)
17	5.4843E-05 (338, 4)	5.2672E-05 (338, 4)	4.7871E-05 (338, 4)	2.8062E-05 (106, 7)	1.4867E-05 (350, 3)
18	6.1649E-05 (311, 5)	5.5782E-05 (311, 5)	4.6352E-05 (311, 5)	2.4033E-05 (279, 8)	1.3350E-05 (280, 6)
19	5.7660E-05 (291, 4)	5.6125E-05 (291, 4)	4.9767E-05 (364, 5)	2.1464E-05 (55, 3)	1.2500E-05 (55, 3)
20	5.3577E-05 (311, 4)	4.8495E-05 (311, 4)	4.2296E-05 (198, 3)	2.1795E-05 (57, 2)	1.4143E-05 (18, 8)
21	6.7238E-05 (281, 4)	6.2542E-05 (223, 4)	5.5129E-05 (223, 4)	3.1480E-05 (211, 3)	1.7494E-05 (107, 2)
22	7.3964E-05 (254, 6)	6.9299E-05 (254, 6)	6.1278E-05 (254, 6)	2.5057E-05 (172, 4)	1.4997E-05 (8, 3)
23	7.1162E-05 (306, 5)	6.5946E-05 (315, 3)	5.7596E-05 (172, 4)	2.6936E-05 (315, 3)	1.6088E-05 (293, 1)
24	9.8448E-05 (284, 4)	9.0515E-05 (284, 4)	7.6623E-05 (254, 3)	3.3584E-05 (283, 5)	1.7238E-05 (178, 3)
25	6.3921E-05 (307, 5)	5.9308E-05 (194, 3)	5.2227E-05 (194, 3)	3.1961E-05 (287, 6)	1.8400E-05 (183, 1)
26	6.0637E-05 (169, 3)	6.0441E-05 (169, 3)	5.3350E-05 (305, 4)	2.3992E-05 (115, 7)	1.7768E-05 (188, 8)
27	7.7142E-05 (299, 5)	7.1702E-05 (299, 5)	6.1172E-05 (299, 5)	3.0635E-05 (318, 8)	2.2127E-05 (318, 8)
28	6.9733E-05 (158, 3)	6.9897E-05 (158, 3)	6.6566E-05 (158, 3)	2.7020E-05 (2, 4)	1.6925E-05 (185, 7)
29	7.0875E-05 (221, 4)	6.5668E-05 (221, 4)	5.7382E-05 (221, 4)	2.6742E-05 (140, 4)	1.3401E-05 (193, 4)
30	6.6361E-05 (353, 4)	6.4241E-05 (353, 4)	5.8591E-05 (353, 4)	2.6483E-05 (301, 6)	1.3675E-05 (358, 8)
31	7.1690E-05 (219, 4)	6.5832E-05 (219, 4)	5.5611E-05 (137, 3)	3.0523E-05 (245, 3)	1.5361E-05 (3, 8)
32	1.0203E-04 (227, 3)	9.5778E-05 (65, 4)	8.0661E-05 (65, 4)	2.5580E-05 (9, 3)	1.3657E-05 (227, 3)
33	8.2816E-05 (184, 3)	7.8571E-05 (184, 3)	6.9922E-05 (184, 3)	3.3505E-05 (220, 3)	1.5601E-05 (220, 3)
34	5.9437E-05 (200, 3)	5.8356E-05 (200, 3)	5.4054E-05 (200, 3)	3.0363E-05 (53, 1)	2.0140E-05 (130, 3)
35	5.5546E-05 (242, 4)	5.0377E-05 (242, 4)	4.1757E-05 (242, 4)	2.1144E-05 (94, 8)	1.5948E-05 (91, 2)
36	6.7987E-05 (210, 4)	6.4554E-05 (210, 4)	5.8076E-05 (210, 4)	2.9556E-05 (61, 4)	1.7971E-05 (209, 1)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/MAX3

YEARLY SECOND MAXIMUM 24-HOUR CONC= 1.9208E-05 DIRECTION= 9 DISTANCE= 5.5 KM DAY=165

YEAR= 75

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
DIR					
1	9.2564E-06 (82)	8.7766E-06 (82)	7.8694E-06 (82)	6.4501E-06 (49)	3.7168E-06 (49)
2	1.3915E-05 (19)	1.3291E-05 (19)	1.2179E-05 (19)	7.1352E-06 (8)	3.6696E-06 (75)
3	1.2958E-05 (118)	1.1637E-05 (118)	9.9300E-06 (203)	5.2223E-06 (82)	2.4681E-06 (82)
4	1.1898E-05 (24)	1.0994E-05 (24)	9.4037E-06 (24)	4.1243E-06 (187)	3.0695E-06 (187)
5	1.4022E-05 (153)	1.3637E-05 (153)	1.1568E-05 (137)	4.2126E-06 (153)	2.7106E-06 (190)
6	1.0466E-05 (187)	1.0541E-05 (187)	1.0201E-05 (187)	4.6553E-06 (187)	2.1620E-06 (191)
7	1.1104E-05 (80)	1.0828E-05 (204)	1.0443E-05 (204)	4.1009E-06 (204)	2.4946E-06 (188)
8	1.0662E-05 (185)	9.4567E-06 (185)	8.6530E-06 (190)	4.5856E-06 (190)	2.7884E-06 (189)
9	1.9208E-05 (165)	1.7350E-05 (165)	1.4366E-05 (165)	6.5479E-06 (158)	3.0308E-06 (158)
10	1.0782E-05 (177)	9.7521E-06 (177)	8.9179E-06 (44)	4.7952E-06 (44)	2.5985E-06 (27)
11	1.1886E-05 (177)	1.0951E-05 (177)	9.6684E-06 (177)	5.1463E-06 (177)	2.1139E-06 (177)
12	8.6640E-06 (226)	7.6832E-06 (78)	7.8796E-06 (224)	4.5929E-06 (138)	2.7072E-06 (138)
13	1.1272E-05 (244)	1.0316E-05 (244)	8.8634E-06 (244)	5.5563E-06 (256)	2.9473E-06 (256)
14	8.0766E-06 (328)	8.0641E-06 (328)	7.0285E-06 (328)	4.3277E-06 (325)	2.1993E-06 (13)
15	9.0486E-06 (226)	9.4669E-06 (226)	8.8172E-06 (243)	5.3257E-06 (67)	2.8537E-06 (56)
16	7.2497E-06 (226)	6.9705E-06 (226)	6.8413E-06 (95)	5.1735E-06 (317)	2.1527E-06 (180)
17	8.5314E-06 (105)	7.7462E-06 (105)	6.3906E-06 (105)	9.0552E-06 (270)	4.5178E-06 (269)
18	7.4739E-06 (198)	7.2619E-06 (198)	7.0436E-06 (269)	7.1441E-06 (270)	3.9260E-06 (269)
19	5.6676E-06 (94)	5.6097E-06 (94)	5.6039E-06 (94)	4.1823E-06 (356)	2.5867E-06 (96)
20	1.1804E-05 (256)	1.1139E-05 (256)	9.7933E-06 (256)	7.0690E-06 (64)	3.0715E-06 (102)
21	1.1854E-05 (64)	1.1049E-05 (64)	9.7503E-06 (64)	5.2568E-06 (303)	3.3803E-06 (361)
22	1.2646E-05 (176)	1.2094E-05 (176)	1.1090E-05 (176)	5.0925E-06 (176)	2.9708E-06 (353)
23	1.1355E-05 (285)	1.0457E-05 (285)	8.8056E-06 (285)	5.9484E-06 (304)	4.2920E-06 (85)
24	1.0566E-05 (285)	9.6723E-06 (285)	8.3991E-06 (199)	7.4804E-06 (306)	4.0095E-06 (240)
25	1.1729E-05 (182)	1.0912E-05 (142)	9.4563E-06 (338)	6.1767E-06 (304)	3.8295E-06 (239)
26	1.4005E-05 (247)	1.2715E-05 (286)	1.1579E-05 (286)	5.9476E-06 (286)	3.0282E-06 (309)
27	1.8942E-05 (345)	1.8232E-05 (345)	1.6466E-05 (253)	1.0310E-05 (86)	4.1840E-06 (86)
28	1.2347E-05 (86)	1.2193E-05 (86)	1.1878E-05 (86)	8.4000E-06 (288)	4.2714E-06 (288)
29	1.1076E-05 (113)	1.1049E-05 (113)	1.1076E-05 (113)	8.1415E-06 (113)	3.7315E-06 (113)
30	1.2030E-05 (172)	1.1521E-05 (172)	1.0153E-05 (219)	8.7895E-06 (263)	4.3001E-06 (263)
31	1.1415E-05 (215)	1.0515E-05 (46)	9.6347E-06 (267)	6.5123E-06 (289)	3.6405E-06 (195)
32	1.1956E-05 (108)	1.1107E-05 (108)	9.8661E-06 (28)	5.1035E-06 (290)	2.7622E-06 (211)
33	1.1132E-05 (28)	1.0466E-05 (28)	9.1704E-06 (222)	7.2685E-06 (11)	3.6782E-06 (364)
34	9.8427E-06 (249)	9.6015E-06 (249)	8.4076E-06 (205)	6.9402E-06 (209)	3.8000E-06 (10)
35	9.5784E-06 (334)	8.8294E-06 (334)	7.4311E-06 (334)	3.7832E-06 (10)	2.4453E-06 (12)
36	1.5936E-05 (19)	1.5808E-05 (19)	1.5117E-05 (19)	8.4157E-06 (12)	3.8735E-06 (19)

PLANT NAME: TECO BIG BEND POLLUTANT: SO2 EMISSION UNITS: GM/SEC AIR QUALITY UNITS: GM/DAX3

YEARLY SECOND MAXIMUM 3-HOUR CONC= 1.0759E-04 DIRECTION= 27 DISTANCE= 5.5 KM DAY=239 TIME PERIOD= 3

YEAR= 75

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	5.8187E-05 (210, 4)	5.9259E-05 (18, 5)	5.8129E-05 (18, 5)	2.1414E-05 (77, 6)	1.3061E-05 (25, 1)
2	7.5435E-05 (19, 5)	7.1100E-05 (19, 5)	6.3346E-05 (19, 5)	3.2365E-05 (66, 4)	1.3786E-05 (100, 7)
3	7.2228E-05 (24, 5)	6.6085E-05 (100, 5)	5.5263E-05 (71, 5)	2.6215E-05 (25, 5)	1.2878E-05 (71, 5)
4	7.0539E-05 (133, 4)	6.8171E-05 (109, 5)	5.5743E-05 (109, 5)	2.0163E-05 (187, 7)	1.2870E-05 (209, 6)
5	7.9320E-05 (186, 3)	7.5752E-05 (186, 3)	6.8220E-05 (186, 3)	2.5294E-05 (186, 3)	1.1563E-05 (229, 4)
6	6.5499E-05 (181, 5)	5.9770E-05 (181, 5)	5.1222E-05 (148, 5)	2.4193E-05 (61, 1)	1.2799E-05 (118, 7)
7	8.5948E-05 (80, 5)	7.8651E-05 (80, 5)	6.5558E-05 (80, 5)	2.4300E-05 (208, 3)	1.4502E-05 (208, 3)
8	6.7897E-05 (31, 5)	6.2662E-05 (31, 5)	5.2858E-05 (31, 5)	2.8156E-05 (58, 4)	1.3883E-05 (189, 3)
9	7.8610E-05 (188, 4)	7.4022E-05 (65, 6)	6.4985E-05 (16, 5)	2.9576E-05 (158, 3)	1.1982E-05 (1, 6)
10	6.4613E-05 (134, 6)	5.9739E-05 (29, 5)	5.2749E-05 (44, 4)	3.0762E-05 (272, 5)	1.5212E-05 (159, 7)
11	5.8419E-05 (177, 3)	5.6037E-05 (165, 3)	5.0273E-05 (157, 3)	2.5105E-05 (163, 6)	1.2044E-05 (360, 2)
12	4.6889E-05 (140, 6)	4.2819E-05 (140, 6)	3.7570E-05 (148, 6)	2.1774E-05 (95, 6)	1.3742E-05 (138, 3)
13	4.6286E-05 (155, 3)	4.5095E-05 (155, 3)	4.2112E-05 (155, 3)	2.2977E-05 (55, 3)	1.8901E-05 (256, 6)
14	6.7128E-05 (328, 5)	6.2372E-05 (328, 5)	5.4349E-05 (328, 5)	2.4365E-05 (13, 3)	1.6712E-05 (325, 7)
15	6.9052E-05 (40, 4)	6.4065E-05 (40, 4)	5.5996E-05 (40, 4)	2.2178E-05 (38, 6)	1.2480E-05 (270, 2)
16	4.8204E-05 (291, 5)	4.6673E-05 (95, 5)	3.9706E-05 (95, 5)	2.3188E-05 (298, 4)	1.5352E-05 (268, 8)
17	4.7905E-05 (293, 5)	4.4227E-05 (293, 5)	3.9119E-05 (328, 4)	2.4853E-05 (269, 2)	1.9623E-05 (268, 7)
18	4.2156E-05 (257, 5)	4.0916E-05 (270, 4)	3.9075E-05 (270, 4)	2.5448E-05 (270, 4)	1.3948E-05 (269, 4)
19	3.5411E-05 (94, 4)	3.2308E-05 (94, 4)	2.8285E-05 (198, 5)	2.0739E-05 (238, 7)	1.3400E-05 (102, 2)
20	6.1806E-05 (199, 4)	6.0838E-05 (256, 4)	5.3991E-05 (256, 4)	2.7729E-05 (94, 2)	1.4234E-05 (268, 1)
21	6.6484E-05 (50, 4)	6.4256E-05 (291, 4)	5.8588E-05 (40, 4)	2.5893E-05 (62, 3)	1.3537E-05 (353, 2)
22	5.6432E-05 (353, 5)	5.2611E-05 (353, 5)	4.5710E-05 (176, 3)	2.6062E-05 (228, 6)	1.5947E-05 (140, 3)
23	8.1045E-05 (181, 4)	7.3777E-05 (85, 5)	6.0950E-05 (85, 5)	2.7392E-05 (85, 3)	1.3385E-05 (85, 3)
24	6.6367E-05 (175, 4)	6.2438E-05 (175, 4)	5.4744E-05 (175, 4)	2.8275E-05 (240, 7)	1.7785E-05 (99, 8)
25	7.0454E-05 (204, 3)	6.5463E-05 (204, 3)	5.7140E-05 (204, 3)	2.9646E-05 (22, 3)	1.9225E-05 (22, 3)
26	7.2417E-05 (280, 5)	6.7700E-05 (198, 3)	6.4414E-05 (16, 4)	2.7155E-05 (198, 3)	1.3173E-05 (284, 3)
27	1.0759E-04 (239, 3)	1.0373E-04 (239, 3)	9.4161E-05 (239, 3)	3.7092E-05 (181, 7)	1.9264E-05 (212, 2)
28	7.3753E-05 (86, 5)	6.7953E-05 (86, 5)	5.7275E-05 (86, 5)	3.3346E-05 (112, 6)	1.6339E-05 (221, 1)
29	5.8631E-05 (132, 3)	5.4742E-05 (132, 3)	4.8512E-05 (280, 3)	2.2358E-05 (313, 8)	1.3979E-05 (75, 1)
30	8.3960E-05 (162, 3)	8.0670E-05 (162, 3)	7.3606E-05 (162, 3)	2.9830E-05 (315, 4)	1.4011E-05 (172, 3)
31	7.6344E-05 (150, 3)	7.2757E-05 (267, 3)	6.8238E-05 (150, 3)	2.8582E-05 (71, 2)	2.4438E-05 (71, 2)
32	7.4488E-05 (130, 4)	6.9997E-05 (130, 4)	6.1654E-05 (130, 4)	2.8257E-05 (350, 4)	1.4866E-05 (109, 1)
33	7.1050E-05 (167, 3)	6.9965E-05 (167, 3)	6.2485E-05 (28, 4)	2.6789E-05 (135, 2)	1.6697E-05 (209, 8)
34	6.0170E-05 (280, 4)	5.9766E-05 (249, 3)	5.6790E-05 (249, 3)	2.2699E-05 (10, 8)	1.3053E-05 (245, 8)
35	4.8770E-05 (24, 4)	4.7136E-05 (24, 4)	4.2726E-05 (24, 4)	1.8337E-05 (13, 1)	1.1406E-05 (231, 1)
36	7.5994E-05 (202, 4)	7.3462E-05 (19, 4)	6.7614E-05 (19, 4)	2.8094E-05 (151, 4)	1.3926E-05 (351, 4)

COMPOSITE HIGHEST,SECOND-HIGHEST 24-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 24-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	12.	11.	10.	6.	4.
2	14.	13.	12.	7.	4.
3	13.	12.	10.	7.	4.
4	13.	12.	10.	5.	3.
5	15.	14.	13.	5.	3.
6	15.	14.	13.	8.	3.
7	14.	13.	12.	6.	3.
8	14.	13.	12.	7.	4.
9	24.	22.	21.	17.	7.
10	18.	17.	15.	7.	4.
11	14.	13.	11.	7.	3.
12	14.	14.	12.	7.	3.
13	12.	11.	9.	8.	4.
14	9.	8.	7.	7.	4.
15	10.	10.	9.	6.	4.
16	11.	10.	9.	6.	3.
17	10.	9.	8.	9.	5.
18	12.	11.	10.	9.	4.
19	10.	10.	9.	6.	3.
20	12.	11.	10.	7.	4.
21	17.	16.	14.	8.	5.
22	13.	12.	11.	9.	4.
23	13.	13.	11.	10.	5.
24	25.	23.	19.	9.	6.
25	20.	19.	17.	7.	4.
26	20.	19.	17.	8.	4.
27	19.	18.	16.	12.	6.
28	15.	15.	13.	13.	6.
29	15.	14.	13.	9.	4.
30	14.	13.	12.	9.	5.
31	17.	16.	14.	8.	4.
32	13.	13.	11.	9.	4.
33	15.	14.	13.	7.	4.
34	12.	11.	10.	7.	4.
35	13.	12.	10.	8.	4.
36	16.	16.	15.	8.	4.

COMPOSITE HIGHEST, SECOND-HIGHEST 3-HOUR CONCENTRATION TABLE,UG/CU.M

SECOND HIGHEST 3-HOUR CONCENTRATION AT EACH RECEPTOR

RANGE / DIR	5.5 KM	6.0 KM	7.0 KM	20.8 KM	53.2 KM
1	66.	67.	63.	32.	17.
2	78.	75.	68.	32.	14.
3	83.	75.	63.	28.	14.
4	84.	77.	65.	24.	14.
5	83.	77.	68.	25.	13.
6	82.	76.	65.	28.	17.
7	86.	79.	66.	28.	20.
8	88.	81.	67.	28.	15.
9	99.	94.	84.	37.	20.
10	87.	80.	67.	35.	16.
11	65.	63.	59.	33.	14.
12	76.	70.	60.	28.	24.
13	72.	67.	59.	23.	21.
14	69.	64.	54.	30.	23.
15	69.	64.	57.	30.	21.
16	65.	59.	50.	26.	16.
17	55.	53.	49.	28.	20.
18	71.	66.	58.	27.	15.
19	60.	56.	51.	26.	16.
20	62.	61.	55.	28.	14.
21	76.	72.	64.	31.	17.
22	74.	69.	61.	26.	17.
23	81.	74.	61.	31.	16.
24	98.	91.	77.	34.	20.
25	81.	76.	68.	35.	19.
26	91.	85.	76.	31.	19.
27	108.	104.	94.	37.	22.
28	120.	113.	101.	35.	18.
29	72.	68.	61.	33.	19.
30	84.	81.	74.	32.	22.
31	76.	73.	68.	31.	24.
32	102.	96.	81.	30.	16.
33	84.	80.	72.	34.	18.
34	79.	77.	65.	34.	20.
35	78.	73.	64.	28.	18.
36	76.	73.	69.	30.	18.

APPENDIX D

Appendix D: PTMTPW Model Output

TECO BIG BEND

UNIT 4 ONLY

TECO BB UNIT 4 ONLY DAY 220/71 MAX 24-HR SO2 CONC.

1. 7.0

* * * S O U R C E S * * *

NO	Q (G/SEC)	HP (M)	TS (DEG-K)	VS (M/SEC)	D(M)	VF(M**3/SEC)	R (KM)	S (KM)	
1.	709.43	149.4	342.0	20.0	7.32	0.0	361.600	3075.000	BIG BEND 39-04

* * * R E C E P T O R S * * *

NO.	RREC(KM)	SREC(KM)	Z (M)			
1.	363.900	3075.000	0.0			
2.	364.000	3075.000	0.0			
3.	364.100	3075.000	0.0			
4.	364.200	3075.000	0.0			
5.	364.300	3075.000	0.0			
1.	97.	1.0	7	1541.	297.0	0.0
2.	100.	1.0	7	1545.	296.0	0.0
3.	77.	1.5	7	1549.	296.0	0.0
4.	74.	1.5	7	1553.	296.0	0.0
5.	102.	1.5	7	1558.	296.0	0.0
6.	87.	1.5	6	0.	295.0	0.0
7.	96.	1.5	5	200.	296.0	0.0
8.	89.	1.5	4	399.	301.0	0.0
9.	299.	2.1	3	599.	303.0	0.0
10.	334.	3.1	2	798.	304.0	0.0
11.	274.	3.1	2	998.	305.0	0.0
12.	266.	3.1	2	1197.	305.0	0.0
13.	268.	3.6	2	1397.	305.0	0.0
14.	275.	4.1	2	1596.	307.0	0.0
15.	271.	5.7	3	1596.	307.0	0.0
16.	292.	4.1	3	1596.	306.0	0.0
17.	281.	4.6	3	1596.	305.0	0.0
18.	288.	4.6	4	1596.	304.0	0.0
19.	328.	3.6	4	1596.	302.0	0.0
20.	310.	2.6	5	1599.	300.0	0.0
21.	327.	2.6	5	1602.	300.0	0.0
22.	311.	2.1	5	1605.	299.0	0.0
23.	328.	2.1	5	1609.	298.0	0.0
24.	318.	2.1	5	1612.	298.0	0.0

AVERAGE CONCENTRATIONS FOR 24 HOURS.

RECEPTOR NUMBER

	1.	2.	3.	4.	5.
SOURCE	PARTIAL CONCENTRATIONS (G/M**3)				
1.	3.404E-05	3.419E-05	3.411E-05	3.385E-05	3.344E-05
	TOTAL CONCENTRATION (G/M**3)				
	3.404E-05	3.419E-05	3.411E-05	3.385E-05	3.344E-05

TECO BB UNIT 4 ONLY-DAY 158/73/4--MAX 3-HR SO2 CONC

1. 7.0

* * * S O U R C E S * * *

NO	Q (G/SEC)	HP (M)	TS (DEG-K)	VS (M/SEC)	D(M)	VF(M**3/SEC)	R (KM)	S (KM)	
1.	709.43	149.4	342.0	20.0	7.32	0.0	361.600	3075.000	BIG BEND 39-04

* * * R E C E P T O R S * * *

NO.	RREC(KM)	SREC(KM)	Z (M)			
1.	359.830	3075.310	0.0			
2.	359.730	3075.330	0.0			
3.	359.630	3075.350	0.0			
4.	359.530	3075.360	0.0			
5.	359.430	3075.380	0.0			
1.	104.	3.1	2	961.	301.0	0.0
2.	97.	4.1	2	1180.	303.0	0.0
3.	95.	4.6	2	1400.	304.0	0.0

AVERAGE CONCENTRATIONS FOR 3 HOURS.

RECEPTOR NUMBER

	1.	2.	3.	4.	5.
SOURCE	PARTIAL CONCENTRATIONS (G/M**3)				
1.	1.490E-04	1.557E-04	1.599E-04	1.629E-04	1.632E-04
	TOTAL CONCENTRATION (G/M**3)				
	1.490E-04	1.557E-04	1.599E-04	1.629E-04	1.632E-04

TECO BB UNIT 4 ONLY-DAY 328/71/4--MAX 3-HR PINELLAS CO NA AREA IMPACT

1. 7.0

* * * S O U R C E S * * *

NO	Q (G/SEC)	HP (M)	TS (DEG-K)	VS (M/SEC)	D(M)	VF(M**3/SEC)	R (KM)	S (KM)	
1.	709.43	149.4	342.0	20.0	7.32	0.0	361.600	3075.000	BIG BEND 39-04

* * * R E C E P T O R S * * *

NO.	RREC(KM)	SREC(KM)	Z (M)
1.	326.360	3117.000	0.0
1.	140.	5.1	4
2.	140.	3.1	4
3.	263.	3.6	4

431.	296.0	0.0
576.	297.0	0.0
722.	298.0	0.0

AVERAGE CONCENTRATIONS FOR 3 HOURS.

* * * R E C E P T O R N U M B E R * * *

1.

SOURCE PARTIAL CONCENTRATIONS (G/M**3)

1. 1.701E-05

TOTAL CONCENTRATION (G/M**3)

1.701E-05

TECO BIG BEND

UNITS 1-4

ALL UNITS TECO BB ONLY--DAY 207/72--MAX 24-HR SO2 CONC

1. 7.0

* * * S O U R C E S * * *

NO.	Q (G/SEC)	HP (M)	TS (DEG-K)	VS (M/SEC)	D(M)	VF(M**3/SEC)	R (KM)	S (KM)	
1.	2093.01	149.4	422.0	28.6	7.32	0.0	361.600	3075.000	BIG BEND 39-01
2.	2072.32	149.4	422.0	28.6	7.32	0.0	361.600	3075.000	BIG BEND 39-02
3.	2134.05	149.4	370.0	34.3	7.32	0.0	361.600	3075.000	BIG BEND 39-03
4.	709.43	149.4	370.0	34.3	7.32	0.0	361.600	3075.000	BIG BEND 39-04

25T/H

* * * R E C E P T O R S * * *

NO.	RREC(KM)	SREC(KM)	Z (M)
1.	366.900	3075.000	0.0
2.	367.000	3075.000	0.0
3.	367.100	3075.000	0.0
4.	367.200	3075.000	0.0
5.	367.300	3075.000	0.0

1.	130.	3.6	4	1300.	298.0	0.0
2.	255.	3.1	4	1324.	295.0	0.0
3.	123.	2.1	4	1347.	295.0	0.0
4.	86.	2.1	5	1371.	296.0	0.0
5.	148.	2.6	5	1395.	296.0	0.0
6.	96.	2.6	4	23.	296.0	0.0
7.	97.	3.1	4	221.	298.0	0.0
8.	89.	3.6	3	419.	299.0	0.0
9.	87.	3.1	2	618.	301.0	0.0
10.	274.	2.6	2	816.	302.0	0.0
11.	270.	3.1	2	1014.	303.0	0.0
12.	266.	2.6	1	1212.	304.0	0.0
13.	233.	5.7	2	1410.	305.0	0.0
14.	258.	4.1	3	1608.	303.0	0.0
15.	233.	4.1	3	1608.	304.0	0.0
16.	269.	3.1	3	1608.	303.0	0.0
17.	274.	3.6	3	1608.	302.0	0.0
18.	274.	3.6	3	1608.	303.0	0.0
19.	273.	3.1	4	1608.	301.0	0.0
20.	268.	2.1	5	1571.	301.0	0.0
21.	89.	2.1	5	1514.	300.0	0.0
22.	90.	2.6	5	1458.	299.0	0.0
23.	89.	4.6	4	1401.	299.0	0.0
24.	97.	3.6	4	1345.	298.0	0.0

AVERAGE CONCENTRATIONS FOR 24 HOURS.

* * * R E C E P T O R N U M B E R * * *

	1.	2.	3.	4.	5.
SOURCE	PARTIAL CONCENTRATIONS (G/M**3)				
1.	4.213E-05	4.220E-05	4.224E-05	4.226E-05	4.224E-05
2.	4.170E-05	4.177E-05	4.181E-05	4.183E-05	4.181E-05
3.	4.931E-05	4.926E-05	4.918E-05	4.906E-05	4.892E-05
4.	1.639E-05	1.638E-05	1.635E-05	1.631E-05	1.626E-05
	TOTAL CONCENTRATION (G/M**3)				
	1.495E-04	1.496E-04	1.496E-04	1.495E-04	1.492E-04

ALL UNITS TECO RH ONLY--DAY 249/72/4--MAX 3-HR SO2 CONC

1. 7.0

* * * S O U R C E S * * *

NO	Q (G/SEC)	HP (M)	TS (DEG-K)	VS (M/SEC)	D(M)	VF(M**3/SEC)	R (KM)	S (KM)	
1.	2093.61	149.4	422.0	28.6	7.32	0.0	361.600	3075.000	BIG BEND 39-01
2.	2072.32	149.4	422.0	28.6	7.32	0.0	361.600	3075.000	BIG BEND 39-02
3.	2130.05	149.4	370.0	34.3	7.32	0.0	361.600	3075.000	BIG BEND 39-03
4.	709.43	149.4	370.0	34.3	7.32	0.0	361.600	3075.000	BIG BEND 39-04

25 3/4

* * * R E C E P T O R S * * *

NO.	RREC(KM)	SREC(KM)	Z (M)
1.	362.900	3075.000	0.0
2.	363.000	3075.000	0.0
3.	363.100	3075.000	0.0
4.	363.200	3075.000	0.0
5.	363.300	3075.000	0.0
1.	351.	2.1	3
2.	90.	3.1	2
3.	270.	2.1	1

799.	304.0	0.0
1011.	305.0	0.0
1223.	305.0	0.0

AVERAGE CONCENTRATIONS FOR 3 HOURS.

RECEPTOR NUMBER

	1.	2.	3.	4.	5.
SOURCE	PARTIAL CONCENTRATIONS (G/M**3)				
1.	2.360E-04	2.548E-04	2.570E-04	2.499E-04	2.392E-04
2.	2.336E-04	2.522E-04	2.544E-04	2.474E-04	2.368E-04
3.	2.573E-04	2.671E-04	2.646E-04	2.555E-04	2.440E-04
4.	8.552E-05	8.879E-05	8.797E-05	8.494E-05	8.111E-05
	TOTAL CONCENTRATION (G/M**3)				
	8.125E-04	8.630E-04	8.641E-04	8.377E-04	8.011E-04

AAQS

24-HOUR SO_2

TECO BB + INTERACTION--DAY 238/73--MAX 24-HR SO2 CONC--AAQS

1. 7.0

* * * S O U R C E S * * *

NO	Q (G/SEC)	HP (M)	TS (DEG-K)	VS (M/SEC)	D(M)	VF(M**3/SEC)	R (KM)	S (KM)	
1.	2624.55	149.4	400.0	16.3	7.32	0.0	361.600	3075.000	TECO 1&2 50% 31.5T/H SO2
2.	1699.17	149.4	361.0	19.1	7.32	0.0	361.600	3075.000	TECO 3&4 50% 31.5T/H SO2
3.	15.28	45.7	347.0	9.1	2.30	0.0	362.900	3082.500	GARDINIER 8-04
4.	32.59	45.7	345.0	8.2	2.40	0.0	362.900	3082.500	GARDINIER 8-05
5.	34.69	45.7	346.0	12.4	2.70	0.0	362.900	3082.500	GARDINIER 8-06
6.	6.47	38.4	327.0	10.8	2.40	0.0	362.900	3082.900	GARDINIER 8-07
7.	1.72	23.8	350.0	5.5	1.80	0.0	362.900	3082.500	GARDINIER 8-32
8.	0.78	20.7	305.0	15.3	1.20	0.0	362.900	3082.500	GARDINIER 8-38
9.	4.48	18.3	312.0	3.7	0.60	0.0	362.900	3082.500	GARDINIER 8-42
10.	3.62	13.1	439.0	9.7	0.30	0.0	360.100	3087.500	IMP PH 24-01
11.	0.49	27.4	308.0	1.9	6.90	0.0	363.100	3089.000	NITRAM 29-03
12.	2.61	27.4	505.0	10.8	1.40	0.0	363.100	3089.000	NITRAM 29-04
13.	173.74	93.3	427.0	24.1	3.10	0.0	360.000	3087.500	GANNON 40-01
14.	173.74	93.3	427.0	24.1	3.10	0.0	360.000	3087.500	GANNON 40-02
15.	221.01	93.3	403.0	27.0	3.20	0.0	360.000	3087.500	GANNON 40-03
16.	259.30	93.3	414.0	18.6	2.90	0.0	360.000	3087.500	GANNON 40-04
17.	688.79	93.3	415.0	20.7	4.40	0.0	360.000	3087.500	GANNON 40-05
18.	1145.37	93.3	418.0	23.4	5.40	0.0	360.000	3087.500	GANNON 40-06
19.	0.78	9.4	340.0	11.0	3.00	0.0	362.200	3087.200	EXXON 21-01
20.	7.19	29.9	366.0	12.1	0.60	0.0	361.800	3088.300	CHLORIDEM 50-04
21.	0.75	9.1	561.0	5.9	0.60	0.0	358.000	3089.200	SULPHUR T. 82-01
22.	0.75	9.1	622.0	6.2	0.60	0.0	358.000	3089.200	SULPHUR T. 82-02
23.	13.01	30.2	398.0	22.9	0.60	0.0	361.800	3088.300	CHLORIDE MET 50-01
24.	0.49	7.6	436.0	22.7	0.50	0.0	354.000	3062.100	SPEEDLING 171-
25.	1903.29	152.0	427.0	13.4	7.90	0.0	367.600	3055.100	FP&L MAN 1&2

* * * R E C E P T O R S * * *

NO.	RREC(KM)	SREC(KM)	Z (M)
1.	361.600	3074.900	0.0
2.	361.600	3074.800	0.0
3.	361.600	3074.700	0.0
4.	361.600	3074.600	0.0
5.	361.600	3074.500	0.0
6.	361.600	3074.400	0.0
7.	361.600	3074.300	0.0
8.	361.600	3074.200	0.0
9.	361.600	3074.100	0.0
10.	361.600	3074.000	0.0
11.	361.600	3073.900	0.0
12.	361.600	3073.800	0.0
13.	361.600	3073.700	0.0
14.	361.600	3073.600	0.0
15.	361.600	3073.500	0.0
16.	361.600	3073.400	0.0
17.	361.600	3073.300	0.0
18.	361.600	3073.200	0.0
19.	361.600	3073.100	0.0
20.	361.600	3073.000	0.0
1.	113.	2.0	6
2.	102.	2.1	6
3.	42.	2.1	6
4.	60.	2.0	6
5.	78.	3.1	6

180° receptors

1755.	298.0	0.0
1750.	298.0	0.0
1744.	296.0	0.0
1739.	296.0	0.0
1734.	296.0	0.0

6.	97.	2.6	5	1729.	296.0	0.0
7.	81.	2.6	4	183.	297.0	0.0
8.	114.	4.1	3	398.	299.0	0.0
9.	116.	3.6	2	613.	301.0	0.0
10.	138.	3.6	2	828.	302.0	0.0
11.	106.	3.6	2	1043.	304.0	0.0
12.	95.	3.6	2	1258.	305.0	0.0
13.	148.	3.1	2	1473.	305.0	0.0
14.	2.	2.6	1	1688.	305.0	0.0
15.	68.	3.6	2	1688.	305.0	0.0
16.	136.	4.1	3	1688.	305.0	0.0
17.	314.	3.1	4	1688.	304.0	0.0
18.	106.	5.7	4	1688.	302.0	0.0
19.	156.	2.6	4	1688.	300.0	0.0
20.	125.	2.6	5	1689.	300.0	0.0
21.	101.	4.1	4	1690.	299.0	0.0
22.	44.	2.6	5	1691.	298.0	0.0
23.	60.	2.6	5	1692.	298.0	0.0
24.	74.	1.5	6	1693.	297.0	0.0

AVERAGE CONCENTRATIONS FOR 24 HOURS.

RECEPTOR NUMBER

SOURCE	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
	PARTIAL CONCENTRATIONS (G/M**3)											
1.	0.0	0.0	0.0	1.431E-19	3.260E-11	1.809E-07	4.947E-06	1.952E-05	3.421E-05	4.152E-05	4.215E-05	3.914E-05
2.	0.0	0.0	0.0	2.249E-16	7.750E-10	6.190E-07	7.628E-06	2.068E-05	2.988E-05	3.256E-05	3.101E-05	2.768E-05
3.	2.743E-08	2.741E-08	2.737E-08	2.734E-08	2.729E-08	2.724E-08	2.719E-08	2.713E-08	2.707E-08	2.700E-08	2.693E-08	2.686E-08
4.	5.851E-08	5.845E-08	5.838E-08	5.830E-08	5.821E-08	5.810E-08	5.799E-08	5.786E-08	5.773E-08	5.759E-08	5.744E-08	5.728E-08
5.	6.228E-08	6.222E-08	6.215E-08	6.206E-08	6.196E-08	6.185E-08	6.173E-08	6.159E-08	6.145E-08	6.130E-08	6.114E-08	6.097E-08
6.	1.176E-08	1.174E-08	1.171E-08	1.169E-08	1.166E-08	1.163E-08	1.160E-08	1.157E-08	1.154E-08	1.150E-08	1.147E-08	1.143E-08
7.	3.296E-09	3.293E-09	3.289E-09	3.284E-09	3.279E-09	3.273E-09	3.267E-09	3.260E-09	3.252E-09	3.244E-09	3.236E-09	3.227E-09
8.	1.516E-09	1.514E-09	1.512E-09	1.510E-09	1.508E-09	1.505E-09	1.502E-09	1.499E-09	1.496E-09	1.492E-09	1.488E-09	1.484E-09
9.	8.814E-09	8.805E-09	8.795E-09	8.783E-09	8.769E-09	8.753E-09	8.735E-09	8.717E-09	8.697E-09	8.675E-09	8.653E-09	8.629E-09
10.	4.023E-09	4.017E-09	4.011E-09	4.005E-09	3.999E-09	3.992E-09	3.985E-09	3.978E-09	3.971E-09	3.964E-09	3.957E-09	3.950E-09
11.	6.953E-10	6.927E-10	6.901E-10	6.875E-10	6.849E-10	6.824E-10	6.798E-10	6.773E-10	6.747E-10	6.722E-10	6.696E-10	6.671E-10
12.	3.703E-09	3.690E-09	3.676E-09	3.662E-09	3.648E-09	3.635E-09	3.621E-09	3.607E-09	3.594E-09	3.580E-09	3.567E-09	3.553E-09
13.	1.499E-07	1.497E-07	1.496E-07	1.495E-07	1.493E-07	1.492E-07	1.490E-07	1.489E-07	1.487E-07	1.485E-07	1.483E-07	1.481E-07
14.	1.499E-07	1.497E-07	1.496E-07	1.495E-07	1.493E-07	1.492E-07	1.490E-07	1.489E-07	1.487E-07	1.485E-07	1.483E-07	1.481E-07
15.	1.906E-07	1.905E-07	1.903E-07	1.902E-07	1.900E-07	1.898E-07	1.896E-07	1.894E-07	1.891E-07	1.889E-07	1.887E-07	1.884E-07
16.	2.237E-07	2.235E-07	2.233E-07	2.231E-07	2.229E-07	2.227E-07	2.224E-07	2.222E-07	2.219E-07	2.216E-07	2.213E-07	2.211E-07
17.	5.941E-07	5.937E-07	5.932E-07	5.926E-07	5.921E-07	5.915E-07	5.908E-07	5.902E-07	5.895E-07	5.887E-07	5.880E-07	5.872E-07
18.	9.880E-07	9.872E-07	9.864E-07	9.855E-07	9.845E-07	9.835E-07	9.825E-07	9.813E-07	9.802E-07	9.790E-07	9.777E-07	9.764E-07
19.	1.553E-09	1.542E-09	1.532E-09	1.522E-09	1.513E-09	1.503E-09	1.493E-09	1.484E-09	1.474E-09	1.465E-09	1.456E-09	1.447E-09
20.	1.181E-08	1.173E-08	1.166E-08	1.159E-08	1.151E-08	1.144E-08	1.137E-08	1.130E-08	1.123E-08	1.117E-08	1.110E-08	1.103E-08
21.	1.889E-10	1.915E-10	1.941E-10	1.967E-10	1.993E-10	2.018E-10	2.043E-10	2.068E-10	2.093E-10	2.117E-10	2.141E-10	2.165E-10
22.	1.889E-10	1.915E-10	1.941E-10	1.967E-10	1.993E-10	2.018E-10	2.043E-10	2.068E-10	2.093E-10	2.117E-10	2.141E-10	2.165E-10
23.	2.135E-08	2.121E-08	2.108E-08	2.094E-08	2.081E-08	2.068E-08	2.056E-08	2.043E-08	2.031E-08	2.018E-08	2.006E-08	1.994E-08
24.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.	1.430E-07	1.508E-07	1.591E-07	1.678E-07	1.770E-07	1.867E-07	1.968E-07	2.076E-07	2.188E-07	2.307E-07	2.431E-07	2.562E-07
	TOTAL CONCENTRATION (G/M**3)											
	2.656E-06	2.662E-06	2.668E-06	2.674E-06	2.681E-06	3.487E-06	1.527E-05	4.290E-05	6.680E-05	7.680E-05	7.588E-05	6.955E-05

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RECEPTOR NUMBER

SOURCE	13.	14.	15.	16.	17.	18.	19.	20.
	PARTIAL CONCENTRATIONS (G/M**3)							
1.	3.481E-05	3.055E-05	2.699E-05	2.427E-05	2.229E-05	2.084E-05	1.972E-05	1.880E-05
2.	2.398E-05	2.065E-05	1.796E-05	1.596E-05	1.454E-05	1.353E-05	1.278E-05	1.217E-05
3.	2.678E-08	2.670E-08	2.662E-08	2.653E-08	2.645E-08	2.636E-08	2.627E-08	2.617E-08
4.	5.712E-08	5.695E-08	5.677E-08	5.659E-08	5.641E-08	5.622E-08	5.602E-08	5.582E-08
5.	6.080E-08	6.062E-08	6.043E-08	6.024E-08	6.004E-08	5.984E-08	5.963E-08	5.942E-08
6.	1.139E-08	1.136E-08	1.132E-08	1.128E-08	1.124E-08	1.120E-08	1.115E-08	1.111E-08
7.	3.218E-09	3.208E-09	3.198E-09	3.188E-09	3.178E-09	3.167E-09	3.156E-09	3.145E-09
8.	1.480E-09	1.475E-09	1.471E-09	1.466E-09	1.461E-09	1.456E-09	1.451E-09	1.446E-09
9.	8.604E-09	8.579E-09	8.552E-09	8.525E-09	8.497E-09	8.468E-09	8.439E-09	8.409E-09
10.	3.942E-09	3.934E-09	3.927E-09	3.919E-09	3.911E-09	3.903E-09	3.895E-09	3.887E-09
11.	6.646E-10	6.621E-10	6.596E-10	6.571E-10	6.547E-10	6.522E-10	6.498E-10	6.473E-10
12.	3.540E-09	3.527E-09	3.514E-09	3.500E-09	3.487E-09	3.474E-09	3.461E-09	3.448E-09
13.	1.479E-07	1.477E-07	1.475E-07	1.473E-07	1.470E-07	1.468E-07	1.466E-07	1.463E-07
14.	1.479E-07	1.477E-07	1.475E-07	1.473E-07	1.470E-07	1.468E-07	1.466E-07	1.463E-07
15.	1.882E-07	1.879E-07	1.876E-07	1.873E-07	1.870E-07	1.868E-07	1.865E-07	1.861E-07
16.	2.207E-07	2.204E-07	2.201E-07	2.198E-07	2.195E-07	2.191E-07	2.188E-07	2.184E-07
17.	5.864E-07	5.856E-07	5.847E-07	5.838E-07	5.829E-07	5.820E-07	5.811E-07	5.801E-07

18.	9.751E-07	9.737E-07	9.723E-07	9.708E-07	9.693E-07	9.678E-07	9.663E-07	9.647E-07
19.	1.438E-09	1.430E-09	1.421E-09	1.412E-09	1.404E-09	1.396E-09	1.387E-09	1.379E-09
20.	1.097E-08	1.090E-08	1.084E-08	1.078E-08	1.072E-08	1.065E-08	1.059E-08	1.053E-08
21.	2.188E-10	2.212E-10	2.235E-10	2.257E-10	2.280E-10	2.302E-10	2.324E-10	2.345E-10
22.	2.188E-10	2.212E-10	2.235E-10	2.257E-10	2.280E-10	2.302E-10	2.324E-10	2.345E-10
23.	1.983E-08	1.971E-08	1.960E-08	1.948E-08	1.937E-08	1.926E-08	1.915E-08	1.904E-08
24.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.	2.699E-07	2.843E-07	2.994E-07	3.152E-07	3.317E-07	3.491E-07	3.671E-07	3.861E-07

TOTAL CONCENTRATION (G/M**3)

6.154E-05 5.396E-05 4.771E-05 4.301E-05 3.963E-05 3.717E-05 3.532E-05 3.380E-05

TECO BB + INTERACTION--DAY 238/73--MAX 24-HR SO2 CONC--AAQS

1. 7.0

* * * S O U R C E S * * *

NO	Q (G/SEC)	HP (M)	TS (DEG-K)	VS (M/SEC)	D(M)	VF(M**3/SEC)	R (KM)	S (KM)	
1.	2624.55	149.4	400.0	16.3	7.32	0.0	361.600	3075.000	TECO 1&2 50% 31.5T/H SO2
2.	1699.17	149.4	361.0	19.1	7.32	0.0	361.600	3075.000	TECO 3&4 50% 31.5T/H SO2
3.	15.28	45.7	347.0	9.1	2.30	0.0	362.900	3082.500	GARDINIER 8-04
4.	32.59	45.7	345.0	8.2	2.40	0.0	362.900	3082.500	GARDINIER 8-05
5.	34.69	45.7	346.0	12.4	2.70	0.0	362.900	3082.500	GARDINIER 8-06
6.	6.47	38.4	327.0	10.8	2.40	0.0	362.900	3082.900	GARDINIER 8-07
7.	1.72	23.8	350.0	5.5	1.80	0.0	362.900	3082.500	GARDINIER 8-32
8.	0.78	20.7	305.0	15.3	1.20	0.0	362.900	3082.500	GARDINIER 8-38
9.	4.48	18.3	312.0	3.7	0.60	0.0	362.900	3082.500	GARDINIER 8-42
10.	3.62	13.1	439.0	9.7	0.30	0.0	360.100	3087.500	IMP PH 24-01
11.	0.49	27.4	308.0	1.9	6.90	0.0	363.100	3089.000	NITRAM 29-03
12.	2.61	27.4	505.0	10.8	1.40	0.0	363.100	3089.000	NITRAM 29-04
13.	173.74	93.3	427.0	24.1	3.10	0.0	360.000	3087.500	GANNON 40-01
14.	173.74	93.3	427.0	24.1	3.10	0.0	360.000	3087.500	GANNON 40-02
15.	221.01	93.3	403.0	27.0	3.20	0.0	360.000	3087.500	GANNON 40-03
16.	259.30	93.3	414.0	18.6	2.90	0.0	360.000	3087.500	GANNON 40-04
17.	688.79	93.3	415.0	20.7	4.40	0.0	360.000	3087.500	GANNON 40-05
18.	1145.37	93.3	418.0	23.4	5.40	0.0	360.000	3087.500	GANNON 40-06
19.	0.78	9.4	340.0	11.0	3.00	0.0	362.200	3087.200	EXXON 21-01
20.	7.19	29.9	366.0	12.1	0.60	0.0	361.800	3088.300	CHLORIDEM 50-04
21.	0.75	9.1	561.0	5.9	0.60	0.0	358.000	3089.200	SULPHUR T. 82-01
22.	0.75	9.1	622.0	6.2	0.60	0.0	358.000	3089.200	SULPHUR T. 82-02
23.	13.01	30.2	398.0	22.9	0.60	0.0	361.800	3088.300	CHLORIDE MET 50-01
24.	0.49	7.6	436.0	22.7	0.50	0.0	354.000	3062.100	SPEEDLING 171-
25.	1903.29	152.0	427.0	13.4	7.90	0.0	367.600	3055.100	FP&L MAN 1&2

* * * R E C E P T O R S * * *

NO.	RREC(KM)	SREC(KM)	Z (M)
1.	361.580	3074.900	0.0
2.	361.570	3074.800	0.0
3.	361.550	3074.700	0.0
4.	361.530	3074.610	0.0
5.	361.510	3074.510	0.0
6.	361.500	3074.410	0.0
7.	361.480	3074.310	0.0
8.	361.460	3074.210	0.0
9.	361.440	3074.110	0.0
10.	361.430	3074.020	0.0
11.	361.410	3073.920	0.0
12.	361.390	3073.820	0.0
13.	361.370	3073.720	0.0
14.	361.360	3073.620	0.0
15.	361.340	3073.520	0.0
16.	361.320	3073.420	0.0
17.	361.300	3073.330	0.0
18.	361.290	3073.230	0.0
19.	361.270	3073.130	0.0
20.	361.250	3073.030	0.0
1.	113.	2.6	6
2.	102.	2.1	6
3.	42.	2.1	6
4.	60.	2.6	6
5.	78.	3.1	6

190° receptors

1755.	298.0	0.0
1750.	298.0	0.0
1744.	296.0	0.0
1739.	296.0	0.0
1734.	296.0	0.0

6.	97.	2.6	5	1729.	296.0	0.0
7.	81.	2.6	4	183.	297.0	0.0
8.	114.	4.1	3	398.	299.0	0.0
9.	116.	3.6	2	613.	301.0	0.0
10.	138.	3.6	2	828.	302.0	0.0
11.	106.	3.6	2	1043.	304.0	0.0
12.	95.	3.6	2	1258.	305.0	0.0
13.	148.	3.1	2	1473.	305.0	0.0
14.	2.	2.6	1	1688.	305.0	0.0
15.	68.	3.6	2	1688.	305.0	0.0
16.	136.	4.1	3	1688.	305.0	0.0
17.	314.	3.1	4	1688.	304.0	0.0
18.	106.	5.7	4	1688.	302.0	0.0
19.	156.	2.6	4	1688.	300.0	0.0
20.	125.	2.6	5	1689.	300.0	0.0
21.	101.	4.1	4	1690.	299.0	0.0
22.	44.	2.6	5	1691.	298.0	0.0
23.	60.	2.6	5	1692.	298.0	0.0
24.	74.	1.5	6	1693.	297.0	0.0

AVERAGE CONCENTRATIONS FOR 24 HOURS.

*** RECEPTOR NUMBER ***

SOURCE	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
	PARTIAL CONCENTRATIONS (G/M**3)											
1.	0.0	0.0	0.0	1.625E-20	1.200E-11	1.087E-07	3.623E-06	1.520E-05	2.708E-05	3.342E-05	3.411E-05	3.156E-05
2.	0.0	0.0	0.0	3.930E-17	3.402E-10	4.023E-07	5.764E-06	1.633E-05	2.380E-05	2.652E-05	2.527E-05	2.241E-05
3.	2.705E-08	2.685E-08	2.647E-08	2.610E-08	2.574E-08	2.556E-08	2.521E-08	2.487E-08	2.454E-06	2.438E-08	2.407E-08	2.376E-08
4.	5.770E-08	5.727E-08	5.645E-08	5.566E-08	5.489E-08	5.451E-08	5.377E-08	5.305E-08	5.235E-08	5.200E-08	5.133E-08	5.067E-08
5.	6.141E-08	6.096E-08	6.009E-08	5.925E-08	5.843E-08	5.802E-08	5.724E-08	5.647E-08	5.572E-08	5.535E-08	5.464E-08	5.394E-08
6.	1.161E-08	1.152E-08	1.136E-08	1.121E-08	1.106E-08	1.098E-08	1.083E-08	1.069E-08	1.055E-08	1.048E-08	1.035E-08	1.022E-08
7.	3.250E-09	3.226E-09	3.180E-09	3.136E-09	3.092E-09	3.071E-09	3.029E-09	2.989E-09	2.949E-09	2.930E-09	2.892E-09	2.855E-09
8.	1.495E-09	1.484E-09	1.463E-09	1.442E-09	1.422E-09	1.412E-09	1.393E-09	1.374E-09	1.356E-09	1.347E-09	1.330E-09	1.313E-09
9.	8.691E-09	8.627E-09	8.504E-09	8.385E-09	8.269E-09	8.211E-09	8.100E-09	7.992E-09	7.886E-09	7.834E-09	7.732E-09	7.633E-09
10.	4.068E-09	4.083E-09	4.120E-09	4.156E-09	4.190E-09	4.202E-09	4.234E-09	4.265E-09	4.294E-09	4.304E-09	4.331E-09	4.357E-09
11.	6.920E-10	6.878E-10	6.820E-10	6.766E-10	6.710E-10	6.670E-10	6.616E-10	6.562E-10	6.508E-10	6.474E-10	6.422E-10	6.371E-10
12.	3.686E-09	3.664E-09	3.633E-09	3.604E-09	3.574E-09	3.553E-09	3.524E-09	3.495E-09	3.467E-09	3.448E-09	3.421E-09	3.393E-09
13.	1.516E-07	1.523E-07	1.539E-07	1.554E-07	1.569E-07	1.575E-07	1.588E-07	1.602E-07	1.614E-07	1.619E-07	1.631E-07	1.643E-07
14.	1.516E-07	1.523E-07	1.539E-07	1.554E-07	1.569E-07	1.575E-07	1.588E-07	1.602E-07	1.614E-07	1.619E-07	1.631E-07	1.643E-07
15.	1.929E-07	1.938E-07	1.958E-07	1.977E-07	1.996E-07	2.003E-07	2.021E-07	2.037E-07	2.054E-07	2.060E-07	2.075E-07	2.089E-07
16.	2.263E-07	2.274E-07	2.297E-07	2.320E-07	2.342E-07	2.350E-07	2.371E-07	2.390E-07	2.409E-07	2.416E-07	2.434E-07	2.451E-07
17.	6.011E-07	6.040E-07	6.102E-07	6.162E-07	6.220E-07	6.243E-07	6.297E-07	6.350E-07	6.400E-07	6.419E-07	6.466E-07	6.512E-07
18.	9.995E-07	1.004E-06	1.015E-06	1.025E-06	1.034E-06	1.038E-06	1.047E-06	1.056E-06	1.064E-06	1.067E-06	1.075E-06	1.083E-06
19.	1.551E-09	1.540E-09	1.528E-09	1.517E-09	1.506E-09	1.495E-09	1.484E-09	1.472E-09	1.461E-09	1.452E-09	1.441E-09	1.430E-09
20.	1.183E-08	1.176E-08	1.170E-08	1.164E-08	1.158E-08	1.151E-08	1.145E-08	1.139E-08	1.133E-08	1.127E-08	1.121E-08	1.115E-08
21.	1.925E-10	1.970E-10	2.034E-10	2.096E-10	2.160E-10	2.206E-10	2.270E-10	2.335E-10	2.401E-10	2.443E-10	2.508E-10	2.574E-10
22.	1.925E-10	1.970E-10	2.034E-10	2.096E-10	2.160E-10	2.206E-10	2.270E-10	2.335E-10	2.401E-10	2.443E-10	2.508E-10	2.574E-10
23.	2.138E-08	2.125E-08	2.114E-08	2.104E-08	2.093E-08	2.081E-08	2.070E-08	2.059E-08	2.048E-08	2.037E-08	2.026E-08	2.015E-08
24.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.	1.478E-07	1.585E-07	1.727E-07	1.872E-07	2.039E-07	2.184E-07	2.376E-07	2.583E-07	2.807E-07	2.985E-07	3.239E-07	3.511E-07
	TOTAL CONCENTRATION (G/M**3)											
	2.686E-06	2.706E-06	2.742E-06	2.777E-06	2.814E-06	3.347E-06	1.226E-05	3.445E-05	5.383E-05	6.291E-05	6.239E-05	5.703E-05

*** RECEPTOR NUMBER ***

SOURCE	13.	14.	15.	16.	17.	18.	19.	20.
	PARTIAL CONCENTRATIONS (G/M**3)							
1.	2.788E-05	2.485E-05	2.168E-05	1.926E-05	1.757E-05	1.658E-05	1.552E-05	1.466E-05
2.	1.926E-05	1.683E-05	1.445E-05	1.268E-05	1.147E-05	1.077E-05	1.006E-05	9.496E-06
3.	2.346E-08	2.331E-08	2.302E-08	2.274E-08	2.246E-08	2.233E-08	2.206E-08	2.180E-08
4.	5.004E-08	4.972E-08	4.911E-08	4.850E-08	4.791E-08	4.763E-08	4.706E-08	4.650E-08
5.	5.326E-08	5.293E-08	5.227E-08	5.163E-08	5.100E-08	5.070E-08	5.009E-08	4.950E-08
6.	1.010E-08	1.003E-08	9.908E-09	9.789E-09	9.673E-09	9.614E-09	9.501E-09	9.392E-09
7.	2.819E-09	2.801E-09	2.766E-09	2.732E-09	2.699E-09	2.683E-09	2.651E-09	2.620E-09
8.	1.296E-09	1.288E-09	1.272E-09	1.257E-09	1.241E-09	1.234E-09	1.219E-09	1.205E-09
9.	7.538E-09	7.490E-09	7.397E-09	7.307E-09	7.218E-09	7.175E-09	7.089E-09	7.005E-09
10.	4.382E-09	4.387E-09	4.410E-09	4.432E-09	4.455E-09	4.457E-09	4.476E-09	4.494E-09
11.	6.329E-10	6.286E-10	6.236E-10	6.188E-10	6.141E-10	6.109E-10	6.062E-10	6.016E-10
12.	3.367E-09	3.348E-09	3.322E-09	3.296E-09	3.271E-09	3.254E-09	3.229E-09	3.204E-09
13.	1.653E-07	1.657E-07	1.667E-07	1.677E-07	1.687E-07	1.689E-07	1.697E-07	1.706E-07
14.	1.653E-07	1.657E-07	1.667E-07	1.677E-07	1.687E-07	1.689E-07	1.697E-07	1.706E-07
15.	2.103E-07	2.107E-07	2.120E-07	2.133E-07	2.145E-07	2.148E-07	2.159E-07	2.170E-07
16.	2.468E-07	2.472E-07	2.488E-07	2.502E-07	2.517E-07	2.520E-07	2.533E-07	2.546E-07
17.	6.555E-07	6.567E-07	6.608E-07	6.647E-07	6.686E-07	6.694E-07	6.729E-07	6.762E-07

18.	1.090E-06	1.092E-06	1.099E-06	1.105E-06	1.112E-06	1.113E-06	1.119E-06	1.124E-06
19.	1.419E-09	1.410E-09	1.399E-09	1.389E-09	1.379E-09	1.370E-09	1.360E-09	1.350E-09
20.	1.109E-08	1.102E-08	1.096E-08	1.090E-08	1.085E-08	1.079E-08	1.073E-08	1.067E-08
21.	2.639E-10	2.683E-10	2.748E-10	2.813E-10	2.876E-10	2.919E-10	2.984E-10	3.048E-10
22.	2.639E-10	2.683E-10	2.748E-10	2.813E-10	2.876E-10	2.919E-10	2.984E-10	3.048E-10
23.	2.004E-08	1.993E-08	1.982E-08	1.971E-08	1.961E-08	1.950E-08	1.939E-08	1.928E-08
24.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.	3.801E-07	4.052E-07	4.380E-07	4.729E-07	5.074E-07	5.390E-07	5.798E-07	6.227E-07

TOTAL CONCENTRATION (G/M**3)

5.024E-05 4.481E-05 3.931E-05 3.517E-05 3.231E-05 3.066E-05 2.895E-05 2.757E-05

TECO BR + INTERACTION--DAY 226/74--MAX 24-HR SO2 CONC--AAQS

1. 7.0

* * * S O U R C E S * * *

NO	Q (G/SEC)	HP (M)	TS (DEG-K)	VS (M/SEC)	D(M)	VF(M**3/SEC)	R (KM)	S (KM)	
1.	2624.55	149.4	400.0	16.3	7.32	0.0	361.600	3075.000	TECO 1&2 50% 31.5T/H SO2
2.	1699.17	149.4	361.0	19.1	7.32	0.0	361.600	3075.000	TECO 3&4 50% 31.5T/H SO2
3.	15.28	45.7	347.0	9.1	2.30	0.0	362.900	3082.500	GARDINIER 8-04
4.	32.59	45.7	345.0	8.2	2.40	0.0	362.900	3082.500	GARDINIER 8-05
5.	34.69	45.7	346.0	12.4	2.70	0.0	362.900	3082.500	GARDINIER 8-06
6.	6.47	38.4	327.0	10.8	2.40	0.0	362.900	3082.900	GARDINIER 8-07
7.	1.72	23.8	350.0	5.5	1.80	0.0	362.900	3082.500	GARDINIER 8-32
8.	0.78	20.7	305.0	15.3	1.20	0.0	362.900	3082.500	GARDINIER 8-38
9.	4.48	18.3	312.0	3.7	0.60	0.0	362.900	3082.500	GARDINIER 8-42
10.	3.62	13.1	439.0	9.7	0.30	0.0	360.100	3087.500	IMP PH 24-01
11.	0.49	27.4	308.0	1.9	6.90	0.0	363.100	3089.000	NITRAM 29-03
12.	2.91	27.4	505.0	10.8	1.40	0.0	363.100	3089.000	NITRAM 29-04
13.	173.74	93.3	427.0	24.1	3.10	0.0	360.000	3087.500	GANNON 40-01
14.	173.74	93.3	427.0	24.1	3.10	0.0	360.000	3087.500	GANNON 40-02
15.	221.01	93.3	403.0	27.0	3.20	0.0	360.000	3087.500	GANNON 40-03
16.	259.30	93.3	414.0	18.6	2.90	0.0	360.000	3087.500	GANNON 40-04
17.	688.79	93.3	415.0	20.7	4.40	0.0	360.000	3087.500	GANNON 40-05
18.	1145.37	93.3	418.0	23.4	5.40	0.0	360.000	3087.500	GANNON 40-06
19.	0.78	9.4	340.0	11.0	3.00	0.0	362.200	3087.200	EXXON 21-01
20.	7.19	29.9	366.0	12.1	0.60	0.0	361.800	3088.300	CHLORIDEM 50-04
21.	0.75	9.1	561.0	5.9	0.60	0.0	358.000	3089.200	SULPHUR T. 82-01
22.	0.75	9.1	622.0	6.2	0.60	0.0	358.000	3089.200	SULPHUR T. 82-02
23.	13.01	30.2	398.0	22.9	0.60	0.0	361.800	3088.300	CHLORIDE MET 50-01
24.	0.49	7.6	436.0	22.7	0.50	0.0	354.000	3062.100	SPEEDLING 171-
25.	1903.29	152.0	427.0	13.4	7.90	0.0	367.600	3055.100	FP&L MAN 1&2

* * * R E C E P T O R S * * *

NO.	XREC(KM)	YREC(KM)	Z (M)			
1.	361.570	3075.090	0.0			
2.	361.530	3075.190	0.0			
3.	361.500	3075.280	0.0			
4.	361.460	3075.380	0.0			
5.	361.430	3075.470	0.0			
6.	361.390	3075.560	0.0			
7.	361.360	3075.660	0.0			
8.	361.330	3075.750	0.0			
9.	361.290	3075.850	0.0			
10.	361.260	3075.940	0.0			
11.	361.220	3076.030	0.0			
12.	361.190	3076.130	0.0			
13.	361.160	3076.220	0.0			
14.	361.120	3076.320	0.0			
15.	361.090	3076.410	0.0			
16.	361.050	3076.500	0.0			
17.	361.020	3076.600	0.0			
18.	360.980	3076.690	0.0			
19.	360.950	3076.790	0.0			
20.	360.920	3076.880	0.0			
1.	121.	3.0	5	1266.	298.0	0.0
2.	105.	2.6	6	1293.	298.0	0.0
3.	76.	2.6	6	1320.	296.0	0.0
4.	128.	2.1	6	1347.	296.0	0.0
5.	96.	2.1	6	1375.	296.0	0.0

6.	56.	2.1	6	1402.	296.0	0.0
7.	60.	2.1	5	193.	296.0	0.0
8.	112.	4.1	4	397.	299.0	0.0
9.	144.	2.6	3	601.	301.0	0.0
10.	143.	3.6	2	804.	303.0	0.0
11.	155.	1.5	1	1008.	303.0	0.0
12.	230.	4.1	2	1212.	304.0	0.0
13.	198.	2.6	3	1415.	303.0	0.0
14.	248.	2.1	2	1619.	304.0	0.0
15.	252.	3.1	2	1619.	305.0	0.0
16.	267.	3.1	3	1619.	305.0	0.0
17.	317.	1.5	2	1619.	305.0	0.0
18.	85.	2.6	3	1619.	305.0	0.0
19.	56.	3.1	4	1619.	303.0	0.0
20.	62.	1.0	5	1614.	301.0	0.0
21.	3.	4.1	5	1608.	300.0	0.0
22.	48.	2.1	6	1602.	300.0	0.0
23.	103.	3.6	5	1596.	300.0	0.0
24.	125.	4.6	5	1590.	300.0	0.0

AVERAGE CONCENTRATIONS FOR 24 HOURS.

* * * R E C E P T O R N U M B E R * * *

SOURCE	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
	PARTIAL CONCENTRATIONS (G/M**3)											
1.	0.0	0.0	0.0	0.0	1.023E-21	1.881E-12	2.165E-08	1.122E-06	1.048E-05	2.770E-05	4.762E-05	6.093E-05
2.	0.0	0.0	0.0	0.0	4.408E-18	1.028E-10	1.216E-07	2.175E-06	1.083E-05	2.216E-05	3.374E-05	4.094E-05
3.	7.174E-09	4.134E-09	2.577E-09	1.359E-09	7.847E-10	3.837E-10	1.989E-10	1.010E-10	4.070E-11	1.863E-11	6.829E-12	2.670E-12
4.	1.508E-08	8.923E-09	5.564E-09	2.934E-09	1.695E-09	8.287E-10	4.298E-10	2.182E-10	8.795E-11	4.027E-11	1.476E-11	5.774E-12
5.	1.401E-08	8.058E-09	5.015E-09	2.638E-09	1.521E-09	7.420E-10	3.838E-10	1.944E-10	7.816E-11	3.570E-11	1.306E-11	5.092E-12
6.	6.396E-09	3.954E-09	2.622E-09	1.501E-09	9.322E-10	4.998E-10	2.832E-10	1.575E-10	7.166E-11	3.652E-11	1.532E-11	6.839E-12
7.	1.507E-09	8.735E-10	5.476E-10	2.905E-10	1.687E-10	8.294E-11	4.329E-11	2.210E-11	8.971E-12	4.133E-12	1.525E-12	6.008E-13
8.	8.313E-10	4.827E-10	3.032E-10	1.612E-10	9.378E-11	4.621E-11	2.417E-11	1.237E-11	5.033E-12	2.324E-12	8.596E-13	3.396E-13
9.	5.274E-09	3.065E-09	1.927E-09	1.025E-09	5.970E-10	2.944E-10	1.542E-10	7.895E-11	3.216E-11	1.486E-11	5.502E-12	2.176E-12
10.	1.890E-11	2.495E-11	3.039E-11	4.012E-11	4.888E-11	6.494E-11	7.849E-11	9.570E-11	1.262E-10	1.540E-10	2.040E-10	2.474E-10
11.	6.018E-09	5.282E-09	4.740E-09	4.083E-09	3.607E-09	3.055E-09	2.649E-09	2.285E-09	1.869E-09	1.583E-09	1.271E-09	1.050E-09
12.	2.885E-08	2.530E-08	2.269E-08	1.953E-08	1.724E-08	1.459E-08	1.264E-08	1.090E-08	8.908E-09	7.539E-09	6.049E-09	4.994E-09
13.	3.390E-11	4.445E-11	5.364E-11	7.033E-11	8.493E-11	1.123E-10	1.342E-10	1.622E-10	2.125E-10	2.569E-10	3.390E-10	4.065E-10
14.	3.390E-11	4.445E-11	5.364E-11	7.033E-11	8.493E-11	1.123E-10	1.342E-10	1.622E-10	2.125E-10	2.569E-10	3.390E-10	4.065E-10
15.	4.253E-11	5.575E-11	6.728E-11	8.821E-11	1.065E-10	1.409E-10	1.683E-10	2.033E-10	2.664E-10	3.219E-10	4.249E-10	5.093E-10
16.	6.352E-11	8.341E-11	1.008E-10	1.324E-10	1.602E-10	2.122E-10	2.540E-10	3.075E-10	4.036E-10	4.887E-10	6.462E-10	7.762E-10
17.	1.005E-10	1.315E-10	1.584E-10	2.072E-10	2.497E-10	3.296E-10	3.929E-10	4.738E-10	6.192E-10	7.468E-10	9.836E-10	1.176E-09
18.	1.085E-10	1.415E-10	1.699E-10	2.215E-10	2.662E-10	3.503E-10	4.160E-10	5.000E-10	6.512E-10	7.828E-10	1.028E-09	1.224E-09
19.	4.321E-08	4.345E-08	4.343E-08	4.297E-08	4.238E-08	4.118E-08	4.007E-08	3.871E-08	3.659E-08	3.478E-08	3.219E-08	3.005E-08
20.	1.673E-07	2.025E-07	2.143E-07	2.293E-07	2.408E-07	2.544E-07	2.651E-07	2.748E-07	2.857E-07	2.932E-07	3.004E-07	3.054E-07
21.	2.841E-14	2.779E-14	2.781E-14	2.718E-14	2.719E-14	2.623E-14	2.657E-14	2.656E-14	2.591E-14	2.589E-14	2.491E-14	2.519E-14
22.	2.841E-14	2.779E-14	2.781E-14	2.718E-14	2.719E-14	2.623E-14	2.657E-14	2.656E-14	2.591E-14	2.588E-14	2.491E-14	2.519E-14
23.	3.227E-07	3.488E-07	3.690E-07	3.947E-07	4.142E-07	4.376E-07	4.557E-07	4.722E-07	4.908E-07	5.036E-07	5.158E-07	5.241E-07
24.	7.217E-11	8.494E-11	9.734E-11	1.145E-10	1.308E-10	1.518E-10	1.736E-10	1.964E-10	2.267E-10	2.543E-10	2.889E-10	3.235E-10
25.	8.986E-09	9.015E-09	8.951E-09	8.979E-09	8.915E-09	8.995E-09	8.875E-09	8.812E-09	8.835E-09	8.774E-09	8.849E-09	8.735E-09
	TOTAL CONCENTRATION (G/M**3)											
	6.483E-07	6.649E-07	6.824E-07	7.104E-07	7.341E-07	7.643E-07	9.316E-07	4.108E-06	2.214E-05	5.072E-05	8.223E-05	1.027E-04

$\times \frac{25}{31.5} =$ 82

* * * R E C E P T O R N U M B E R * * *

SOURCE	13.	14.	15.	16.	17.	18.	19.	20.
	PARTIAL CONCENTRATIONS (G/M**3)							
1.	6.620E-05	6.704E-05	6.465E-05	6.234E-05	5.871E-05	5.662E-05	5.361E-05	5.133E-05
2.	4.361E-05	4.383E-05	4.221E-05	4.075E-05	3.840E-05	3.708E-05	3.511E-05	3.362E-05
3.	1.023E-12	2.882E-13	9.589E-14	2.378E-14	6.305E-15	1.284E-15	2.788E-16	5.942E-17
4.	2.213E-12	6.234E-13	2.075E-13	5.145E-14	1.365E-14	2.779E-15	6.038E-16	1.287E-16
5.	1.947E-12	5.467E-13	1.814E-13	4.486E-14	1.186E-14	2.408E-15	5.213E-16	1.108E-16
6.	3.602E-12	1.010E-12	3.939E-13	1.190E-13	3.851E-14	9.882E-15	2.714E-15	7.340E-16
7.	2.319E-13	6.582E-14	2.206E-14	5.512E-15	1.475E-15	3.026E-16	6.634E-17	1.426E-17
8.	1.314E-13	3.740E-14	1.257E-14	3.149E-15	8.451E-16	1.739E-16	3.826E-17	8.250E-18
9.	8.428E-13	2.402E-13	8.081E-14	2.027E-14	5.446E-15	1.122E-15	2.471E-16	5.337E-17
10.	3.617E-10	3.961E-10	4.828E-10	6.368E-10	7.720E-10	1.016E-09	1.230E-09	1.496E-09
11.	8.641E-10	6.659E-10	5.363E-10	4.044E-10	3.158E-10	2.315E-10	1.761E-10	1.336E-10
12.	4.107E-09	3.162E-09	2.545E-09	1.918E-09	1.496E-09	1.096E-09	8.328E-10	6.312E-10
13.	4.912E-10	6.407E-10	7.741E-10	1.018E-09	1.219E-09	1.599E-09	1.915E-09	2.309E-09
14.	4.912E-10	6.407E-10	7.741E-10	1.018E-09	1.219E-09	1.599E-09	1.915E-09	2.309E-09
15.	6.155E-10	8.027E-10	9.697E-10	1.274E-09	1.527E-09	2.002E-09	2.398E-09	2.890E-09
16.	9.397E-10	1.228E-09	1.487E-09	1.958E-09	2.352E-09	3.090E-09	3.709E-09	4.480E-09
17.	1.418E-09	1.845E-09	2.224E-09	2.916E-09	3.485E-09	4.558E-09	5.444E-09	6.546E-09

18.	1.471E-09	1.906E-09	2.289E-09	2.991E-09	3.560E-09	4.640E-09	5.518E-09	6.609E-09
19.	2.783E-08	2.489E-08	2.260E-08	1.971E-08	1.748E-08	1.482E-08	1.282E-08	1.100E-08
20.	3.085E-07	3.098E-07	3.092E-07	3.052E-07	3.008E-07	2.917E-07	2.833E-07	2.733E-07
21.	2.515E-14	2.450E-14	2.445E-14	2.346E-14	2.371E-14	2.272E-14	2.295E-14	2.287E-14
22.	2.515E-14	2.450E-14	2.445E-14	2.346E-14	2.371E-14	2.272E-14	2.295E-14	2.287E-14
23.	5.294E-07	5.313E-07	5.301E-07	5.230E-07	5.154E-07	4.990E-07	4.850E-07	4.676E-07
24.	3.585E-10	4.039E-10	4.439E-10	4.930E-10	5.405E-10	5.949E-10	6.469E-10	6.977E-10
25.	8.673E-09	8.690E-09	8.630E-09	8.700E-09	8.588E-09	8.658E-09	8.546E-09	8.486E-09

TOTAL CONCENTRATION (G/M**3)

1.107E-04 1.118E-04 1.077E-04 1.040E-04 9.797E-05 9.454E-05 8.953E-05 8.574E-05

AAQS

3-HOUR SO_2

TECO BR + INTERACTION--DAY 238/73/5--MAX 3-HR INTERACTION CONC--AAQS

1. 7.0

* * * S O U R C E S * * *

NO.	Q (G/SEC)	HP (M)	TS (DEG-K)	VS (M/SEC)	D(M)	VF(M**3/SEC)	R (KM)	S (KM)	
1.	2624.55	149.4	400.0	16.3	7.32	0.0	361.600	3075.000	TECO 1&2 50% 31.5T/H SO2
2.	1699.17	149.4	361.0	19.1	7.32	0.0	361.600	3075.000	TECO 3&4 50% 31.5T/H SO2
3.	15.28	45.7	347.0	9.1	2.30	0.0	362.900	3082.500	GARDINIER 8-04
4.	32.59	45.7	345.0	8.2	2.40	0.0	362.900	3082.500	GARDINIER 8-05
5.	34.69	45.7	346.0	12.4	2.70	0.0	362.900	3082.500	GARDINIER 8-06
6.	6.47	38.4	327.0	10.8	2.40	0.0	362.900	3082.900	GARDINIER 8-07
7.	1.72	23.8	350.0	5.5	1.80	0.0	362.900	3082.500	GARDINIER 8-32
8.	0.78	20.7	305.0	15.3	1.20	0.0	362.900	3082.500	GARDINIER 8-38
9.	4.48	18.3	312.0	3.7	0.60	0.0	362.900	3082.500	GARDINIER 8-42
10.	3.62	13.1	439.0	9.7	0.30	0.0	360.100	3087.500	IMP PH 24-01
11.	0.49	27.4	308.0	1.9	6.90	0.0	363.100	3089.000	NITRAM 29-03
12.	2.61	27.4	505.0	10.8	1.40	0.0	363.100	3089.000	NITRAM 29-04
13.	173.74	93.3	427.0	24.1	3.10	0.0	360.000	3087.500	GANNON 40-01
14.	173.74	93.3	427.0	24.1	3.10	0.0	360.000	3087.500	GANNON 40-02
15.	221.01	93.3	403.0	27.0	3.20	0.0	360.000	3087.500	GANNON 40-03
16.	259.30	93.3	410.0	18.6	2.90	0.0	360.000	3087.500	GANNON 40-04
17.	688.79	93.3	415.0	20.7	4.40	0.0	360.000	3087.500	GANNON 40-05
18.	1145.37	93.3	418.0	23.4	5.40	0.0	360.000	3087.500	GANNON 40-06
19.	0.78	9.4	340.0	11.0	3.00	0.0	362.200	3087.200	EXXON 21-01
20.	7.19	29.9	366.0	12.1	0.60	0.0	361.800	3088.300	CHLORIDEM 50-04
21.	0.75	9.1	561.0	5.9	0.60	0.0	358.000	3089.200	SULPHUR T. 82-01
22.	0.75	9.1	622.0	6.2	0.60	0.0	358.000	3089.200	SULPHUR T. 82-02
23.	13.01	30.2	398.0	22.9	0.60	0.0	361.800	3088.300	CHLORIDE MET 50-01
24.	0.49	7.6	436.0	22.7	0.50	0.0	354.000	3062.100	SPEEDLING 171-
25.	1903.29	152.0	427.0	13.4	7.90	0.0	367.600	3055.100	FP&L MAN 1&2

* * * R E C E P T O R S * * *

NO.	RREC(KM)	SREC(KM)	Z (M)
1.	361.580	3074.900	0.0
2.	361.570	3074.800	0.0
3.	361.550	3074.700	0.0
4.	361.530	3074.610	0.0
5.	361.510	3074.510	0.0
6.	361.500	3074.410	0.0
7.	361.480	3074.310	0.0
8.	361.460	3074.210	0.0
9.	361.440	3074.110	0.0
10.	361.430	3074.020	0.0
11.	361.410	3073.920	0.0
12.	361.390	3073.820	0.0
13.	361.370	3073.720	0.0
14.	361.360	3073.620	0.0
15.	361.340	3073.520	0.0
16.	361.320	3073.420	0.0
17.	361.300	3073.330	0.0
18.	361.290	3073.230	0.0
19.	361.270	3073.130	0.0
20.	361.250	3073.030	0.0

190° receptors

1.	146.	3.1	2	1473.	305.0	0.0
2.	360.	2.6	1	1688.	305.0	0.0
3.	00.	3.6	2	1688.	305.0	0.0

AVERAGE CONCENTRATIONS FOR 3 HOURS.

* * * R E C E P T O R N U M B E R * * *

SOURCE	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
	PARTIAL CONCENTRATIONS (G/M**3)											
1.	0.0	0.0	0.0	6.369E-20	6.067E-11	6.577E-07	2.376E-05	1.033E-04	1.871E-04	2.342E-04	2.397E-04	2.218E-04
2.	0.0	0.0	0.0	1.756E-16	1.856E-09	2.532E-06	3.859E-05	1.124E-04	1.657E-04	1.868E-04	1.781E-04	1.579E-04
3.	1.755E-07	1.742E-07	1.716E-07	1.689E-07	1.664E-07	1.653E-07	1.628E-07	1.605E-07	1.581E-07	1.571E-07	1.549E-07	1.527E-07
4.	3.742E-07	3.716E-07	3.659E-07	3.602E-07	3.548E-07	3.525E-07	3.473E-07	3.422E-07	3.373E-07	3.351E-07	3.304E-07	3.258E-07
5.	3.984E-07	3.956E-07	3.895E-07	3.835E-07	3.777E-07	3.752E-07	3.697E-07	3.643E-07	3.590E-07	3.567E-07	3.517E-07	3.468E-07
6.	7.000E-08	7.545E-08	7.430E-08	7.319E-08	7.210E-08	7.161E-08	7.057E-08	6.956E-08	6.858E-08	6.812E-08	6.718E-08	6.626E-08
7.	2.108E-08	2.094E-08	2.061E-08	2.029E-08	1.999E-08	1.986E-08	1.956E-08	1.928E-08	1.900E-08	1.888E-08	1.861E-08	1.835E-08
8.	9.695E-09	9.628E-09	9.479E-09	9.332E-09	9.192E-09	9.132E-09	8.997E-09	8.866E-09	8.738E-09	8.682E-09	8.559E-09	8.440E-09
9.	5.038E-08	5.598E-08	5.512E-08	5.427E-08	5.345E-08	5.310E-08	5.232E-08	5.155E-08	5.081E-08	5.049E-08	4.977E-08	4.907E-08
10.	4.019E-08	4.025E-08	4.047E-08	4.069E-08	4.089E-08	4.092E-08	4.109E-08	4.125E-08	4.140E-08	4.141E-08	4.155E-08	4.167E-08
11.	4.791E-09	4.761E-09	4.715E-09	4.670E-09	4.625E-09	4.597E-09	4.554E-09	4.510E-09	4.468E-09	4.443E-09	4.402E-09	4.361E-09
12.	2.552E-08	2.536E-08	2.511E-08	2.488E-08	2.464E-08	2.449E-08	2.426E-08	2.403E-08	2.380E-08	2.367E-08	2.344E-08	2.323E-08
13.	1.517E-06	1.521E-06	1.531E-06	1.541E-06	1.550E-06	1.552E-06	1.561E-06	1.568E-06	1.576E-06	1.577E-06	1.584E-06	1.590E-06
14.	1.517E-06	1.521E-06	1.531E-06	1.541E-06	1.550E-06	1.552E-06	1.561E-06	1.568E-06	1.576E-06	1.577E-06	1.584E-06	1.590E-06
15.	1.930E-06	1.935E-06	1.948E-06	1.960E-06	1.972E-06	1.975E-06	1.985E-06	1.995E-06	2.004E-06	2.006E-06	2.014E-06	2.022E-06
16.	2.265E-06	2.270E-06	2.285E-06	2.300E-06	2.313E-06	2.317E-06	2.329E-06	2.341E-06	2.351E-06	2.354E-06	2.363E-06	2.372E-06
17.	6.015E-06	6.030E-06	6.070E-06	6.109E-06	6.145E-06	6.154E-06	6.187E-06	6.217E-06	6.246E-06	6.252E-06	6.278E-06	6.302E-06
18.	1.000E-05	1.003E-05	1.009E-05	1.016E-05	1.022E-05	1.023E-05	1.029E-05	1.034E-05	1.039E-05	1.040E-05	1.044E-05	1.048E-05
19.	1.180E-08	1.171E-08	1.160E-08	1.149E-08	1.138E-08	1.129E-08	1.119E-08	1.108E-08	1.097E-08	1.090E-08	1.080E-08	1.069E-08
20.	9.477E-08	9.413E-08	9.344E-08	9.281E-08	9.213E-08	9.151E-08	9.084E-08	9.017E-08	8.950E-08	8.896E-08	8.830E-08	8.765E-08
21.	2.431E-09	2.479E-09	2.547E-09	2.611E-09	2.679E-09	2.726E-09	2.793E-09	2.860E-09	2.926E-09	2.969E-09	3.035E-09	3.101E-09
22.	2.431E-09	2.479E-09	2.547E-09	2.611E-09	2.679E-09	2.726E-09	2.793E-09	2.860E-09	2.926E-09	2.969E-09	3.035E-09	3.101E-09
23.	1.713E-07	1.702E-07	1.689E-07	1.678E-07	1.665E-07	1.654E-07	1.642E-07	1.630E-07	1.618E-07	1.608E-07	1.596E-07	1.584E-07
24.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.	2.632E-07	2.803E-07	3.025E-07	3.246E-07	3.501E-07	3.728E-07	4.019E-07	4.332E-07	4.668E-07	4.943E-07	5.324E-07	5.733E-07
	TOTAL CONCENTRATION (G/M**3)											
	2.497E-05	2.504E-05	2.520E-05	2.535E-05	2.550E-05	2.874E-05	8.804E-05	2.415E-04	3.787E-04	4.470E-04	4.439E-04	4.059E-04

* * * R E C E P T O R N U M B E R * * *

SOURCE	13.	14.	15.	16.	17.	18.	19.	20.
	PARTIAL CONCENTRATIONS (G/M**3)							
1.	1.957E-04	1.750E-04	1.521E-04	1.345E-04	1.220E-04	1.152E-04	1.074E-04	1.011E-04
2.	1.354E-04	1.187E-04	1.015E-04	8.859E-05	7.971E-05	7.489E-05	6.966E-05	6.549E-05
3.	1.507E-07	1.498E-07	1.478E-07	1.458E-07	1.438E-07	1.430E-07	1.411E-07	1.393E-07
4.	3.213E-07	3.195E-07	3.151E-07	3.109E-07	3.067E-07	3.050E-07	3.010E-07	2.972E-07
5.	3.420E-07	3.401E-07	3.354E-07	3.309E-07	3.265E-07	3.247E-07	3.204E-07	3.163E-07
6.	6.537E-08	6.497E-08	6.410E-08	6.325E-08	6.242E-08	6.206E-08	6.126E-08	6.048E-08
7.	1.810E-08	1.800E-08	1.775E-08	1.751E-08	1.728E-08	1.718E-08	1.696E-08	1.674E-08
8.	8.325E-09	8.276E-09	8.164E-09	8.054E-09	7.945E-09	7.902E-09	7.799E-09	7.698E-09
9.	4.841E-08	4.812E-08	4.747E-08	4.683E-08	4.620E-08	4.595E-08	4.535E-08	4.476E-08
10.	4.177E-08	4.175E-08	4.184E-08	4.192E-08	4.201E-08	4.196E-08	4.202E-08	4.207E-08
11.	4.321E-09	4.297E-09	4.257E-09	4.219E-09	4.182E-09	4.159E-09	4.122E-09	4.085E-09
12.	2.302E-08	2.289E-08	2.268E-08	2.247E-08	2.227E-08	2.215E-08	2.195E-08	2.176E-08
13.	1.595E-06	1.595E-06	1.600E-06	1.604E-06	1.609E-06	1.608E-06	1.612E-06	1.615E-06
14.	1.595E-06	1.595E-06	1.600E-06	1.604E-06	1.609E-06	1.608E-06	1.612E-06	1.615E-06
15.	2.029E-06	2.029E-06	2.035E-06	2.041E-06	2.047E-06	2.046E-06	2.050E-06	2.054E-06
16.	2.381E-06	2.381E-06	2.388E-06	2.395E-06	2.402E-06	2.400E-06	2.405E-06	2.410E-06
17.	6.324E-06	6.324E-06	6.343E-06	6.361E-06	6.380E-06	6.376E-06	6.390E-06	6.402E-06

18.	1.052E-05	1.052E-05	1.055E-05	1.058E-05	1.061E-05	1.060E-05	1.063E-05	1.065E-05
19.	1.059E-08	1.052E-08	1.042E-08	1.032E-08	1.023E-08	1.016E-08	1.007E-08	9.978E-09
20.	8.700E-08	8.644E-08	8.580E-08	8.516E-08	8.458E-08	8.404E-08	8.341E-08	8.280E-08
21.	3.166E-09	3.209E-09	3.273E-09	3.337E-09	3.398E-09	3.439E-09	3.502E-09	3.563E-09
22.	3.166E-09	3.209E-09	3.273E-09	3.337E-09	3.398E-09	3.439E-09	3.502E-09	3.563E-09
23.	1.573E-07	1.562E-07	1.551E-07	1.539E-07	1.529E-07	1.519E-07	1.508E-07	1.497E-07
24.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.	6.170E-07	6.562E-07	7.061E-07	7.596E-07	8.128E-07	8.639E-07	9.285E-07	9.975E-07

TOTAL CONCENTRATION (G/M**3)

3.574E-04 3.201E-04 2.800E-04 2.497E-04 2.284E-04 2.168E-04 2.039E-04 1.936E-04

TECO BB + INTERACTION--DAY 238/73/5--MAX 3-HR INTERACTION CONC--AA@S

1. 7.0

* * * S O U R C E S * * *

NO	Q (G/SEC)	HP (M)	TS (DEG-K)	VS (M/SEC)	D(M)	VF(M**3/SEC)	R (KM)	S (KM)	
1.	2624.55	149.4	400.0	16.3	7.32	0.0	361.600	3075.000	TECO 1&2 50% 31.5T/H SO2
2.	1699.17	149.4	361.0	19.1	7.32	0.0	361.600	3075.000	TECO 3&4 50% 31.5T/H SO2
3.	15.28	45.7	347.0	9.1	2.30	0.0	362.900	3082.500	GARDINIER 8-04
4.	32.59	45.7	345.0	8.2	2.40	0.0	362.900	3082.500	GARDINIER 8-05
5.	34.69	45.7	346.0	12.4	2.70	0.0	362.900	3082.500	GARDINIER 8-06
6.	6.47	38.4	327.0	10.8	2.40	0.0	362.900	3082.900	GARDINIER 8-07
7.	1.72	23.8	350.0	5.5	1.80	0.0	362.900	3082.500	GARDINIER 8-32
8.	0.78	20.7	305.0	15.3	1.20	0.0	362.900	3082.500	GARDINIER 8-38
9.	4.48	18.3	312.0	3.7	0.60	0.0	362.900	3082.500	GARDINIER 8-42
10.	3.62	13.1	439.0	9.7	0.30	0.0	360.100	3087.500	IMP PH 24-01
11.	0.49	27.4	308.0	1.9	6.90	0.0	363.100	3089.000	NITRAM 29-03
12.	2.61	27.4	505.0	10.8	1.40	0.0	363.100	3089.000	NITRAM 29-04
13.	173.74	93.3	427.0	24.1	3.10	0.0	360.000	3087.500	GANNON 40-01
14.	173.74	93.3	427.0	24.1	3.10	0.0	360.000	3087.500	GANNON 40-02
15.	221.01	93.3	403.0	27.0	3.20	0.0	360.000	3087.500	GANNON 40-03
16.	259.30	93.3	414.0	18.6	2.90	0.0	360.000	3087.500	GANNON 40-04
17.	688.79	93.3	415.0	20.7	4.40	0.0	360.000	3087.500	GANNON 40-05
18.	1145.37	93.3	418.0	23.4	5.40	0.0	360.000	3087.500	GANNON 40-06
19.	0.78	9.4	340.0	11.0	3.00	0.0	362.200	3087.200	EXXON 21-01
20.	7.19	29.9	366.0	12.1	0.60	0.0	361.800	3088.300	CHLORIDEM 50-04
21.	0.75	9.1	561.0	5.9	0.60	0.0	358.000	3089.200	SULPHUR T. 82-01
22.	0.75	9.1	622.0	6.2	0.60	0.0	358.000	3089.200	SULPHUR T. 82-02
23.	13.01	30.2	398.0	22.9	0.60	0.0	361.800	3088.300	CHLORIDE MET 50-01
24.	0.49	7.6	436.0	22.7	0.50	0.0	354.000	3062.100	SPEEDLING 171-
25.	1903.29	152.0	427.0	13.4	7.90	0.0	367.600	3055.100	FP&L MAN 1&2

* * * R E C E P T O R S * * *

NO.	RREC(KM)	SREC(KM)	Z (M)
1.	361.600	3074.900	0.0
2.	361.600	3074.800	0.0
3.	361.600	3074.700	0.0
4.	361.600	3074.600	0.0
5.	361.600	3074.500	0.0
6.	361.600	3074.400	0.0
7.	361.600	3074.300	0.0
8.	361.600	3074.200	0.0
9.	361.600	3074.100	0.0
10.	361.600	3074.000	0.0
11.	361.600	3073.900	0.0
12.	361.600	3073.800	0.0
13.	361.600	3073.700	0.0
14.	361.600	3073.600	0.0
15.	361.600	3073.500	0.0
16.	361.600	3073.400	0.0
17.	361.600	3073.300	0.0
18.	361.600	3073.200	0.0
19.	361.600	3073.100	0.0
20.	361.600	3073.000	0.0
1.	146.	3.1	2
2.	360.	2.0	1
3.	60.	3.0	2

180° recepti

1473.	305.0	0.0
1688.	305.0	0.0
1688.	305.0	0.0

AVERAGE CONCENTRATIONS FOR 3 HOURS.

RECEPTOR NUMBER

SOURCE	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
	PARTIAL CONCENTRATIONS (G/M**3)											
1.	0.0	0.0	0.0	1.232E-18	2.732E-10	1.493E-06	4.044E-05	1.589E-04	2.779E-04	3.370E-04	3.419E-04	3.175E-04
2.	0.0	0.0	0.0	1.910E-15	6.444E-09	5.086E-06	6.222E-05	1.682E-04	2.426E-04	2.641E-04	2.515E-04	2.245E-04
3.	1.786E-07	1.788E-07	1.790E-07	1.792E-07	1.793E-07	1.793E-07	1.793E-07	1.793E-07	1.792E-07	1.792E-07	1.790E-07	1.789E-07
4.	3.809E-07	3.814E-07	3.818E-07	3.821E-07	3.823E-07	3.825E-07	3.825E-07	3.824E-07	3.823E-07	3.821E-07	3.818E-07	3.815E-07
5.	4.054E-07	4.060E-07	4.064E-07	4.068E-07	4.070E-07	4.071E-07	4.071E-07	4.071E-07	4.069E-07	4.067E-07	4.064E-07	4.061E-07
6.	7.724E-08	7.726E-08	7.727E-08	7.726E-08	7.723E-08	7.719E-08	7.713E-08	7.707E-08	7.698E-08	7.689E-08	7.679E-08	7.667E-08
7.	2.146E-08	2.149E-08	2.151E-08	2.153E-08	2.154E-08	2.155E-08	2.155E-08	2.154E-08	2.154E-08	2.153E-08	2.151E-08	2.149E-08
8.	9.867E-09	9.881E-09	9.892E-09	9.900E-09	9.905E-09	9.908E-09	9.909E-09	9.908E-09	9.904E-09	9.899E-09	9.892E-09	9.883E-09
9.	5.738E-08	5.746E-08	5.752E-08	5.756E-08	5.760E-08	5.761E-08	5.762E-08	5.761E-08	5.759E-08	5.756E-08	5.752E-08	5.747E-08
10.	3.985E-08	3.975E-08	3.965E-08	3.955E-08	3.945E-08	3.935E-08	3.925E-08	3.914E-08	3.904E-08	3.894E-08	3.883E-08	3.873E-08
11.	4.825E-09	4.812E-09	4.798E-09	4.784E-09	4.770E-09	4.757E-09	4.743E-09	4.729E-09	4.715E-09	4.701E-09	4.687E-09	4.673E-09
12.	2.570E-08	2.563E-08	2.556E-08	2.548E-08	2.541E-08	2.534E-08	2.526E-08	2.519E-08	2.511E-08	2.504E-08	2.497E-08	2.489E-08
13.	1.504E-06	1.501E-06	1.498E-06	1.495E-06	1.492E-06	1.489E-06	1.486E-06	1.483E-06	1.480E-06	1.476E-06	1.473E-06	1.470E-06
14.	1.504E-06	1.501E-06	1.498E-06	1.495E-06	1.492E-06	1.489E-06	1.486E-06	1.483E-06	1.480E-06	1.476E-06	1.473E-06	1.470E-06
15.	1.913E-06	1.909E-06	1.906E-06	1.902E-06	1.898E-06	1.894E-06	1.890E-06	1.886E-06	1.882E-06	1.878E-06	1.874E-06	1.870E-06
16.	2.244E-06	2.240E-06	2.236E-06	2.231E-06	2.227E-06	2.222E-06	2.218E-06	2.213E-06	2.208E-06	2.204E-06	2.199E-06	2.194E-06
17.	5.961E-06	5.950E-06	5.939E-06	5.927E-06	5.915E-06	5.903E-06	5.891E-06	5.879E-06	5.866E-06	5.853E-06	5.840E-06	5.827E-06
18.	9.912E-06	9.894E-06	9.875E-06	9.856E-06	9.837E-06	9.817E-06	9.796E-06	9.776E-06	9.755E-06	9.733E-06	9.712E-06	9.690E-06
19.	1.184E-08	1.177E-08	1.170E-08	1.163E-08	1.156E-08	1.149E-08	1.142E-08	1.136E-08	1.129E-08	1.122E-08	1.116E-08	1.109E-08
20.	9.487E-08	9.428E-08	9.370E-08	9.313E-08	9.256E-08	9.200E-08	9.145E-08	9.091E-08	9.037E-08	8.984E-08	8.932E-08	8.880E-08
21.	2.391E-09	2.419E-09	2.446E-09	2.473E-09	2.500E-09	2.526E-09	2.552E-09	2.578E-09	2.603E-09	2.627E-09	2.652E-09	2.676E-09
22.	2.391E-09	2.419E-09	2.446E-09	2.473E-09	2.500E-09	2.526E-09	2.552E-09	2.578E-09	2.603E-09	2.627E-09	2.652E-09	2.676E-09
23.	1.715E-07	1.704E-07	1.694E-07	1.683E-07	1.673E-07	1.663E-07	1.653E-07	1.643E-07	1.634E-07	1.624E-07	1.615E-07	1.605E-07
24.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.	2.564E-07	2.696E-07	2.835E-07	2.981E-07	3.135E-07	3.297E-07	3.468E-07	3.648E-07	3.837E-07	4.036E-07	4.246E-07	4.467E-07
	TOTAL CONCENTRATION (G/M**3)											
	2.478E-05	2.475E-05	2.472E-05	2.469E-05	2.466E-05	3.120E-05	1.273E-04	3.516E-04	5.450E-04	6.256E-04	6.179E-04	5.664E-04

RECEPTOR NUMBER

SOURCE	13.	14.	15.	16.	17.	18.	19.	20.
	PARTIAL CONCENTRATIONS (G/M**3)							
1.	2.824E-04	2.479E-04	2.190E-04	1.971E-04	1.811E-04	1.693E-04	1.603E-04	1.528E-04
2.	1.945E-04	1.675E-04	1.457E-04	1.296E-04	1.181E-04	1.099E-04	1.039E-04	9.895E-05
3.	1.787E-07	1.785E-07	1.782E-07	1.780E-07	1.777E-07	1.774E-07	1.770E-07	1.767E-07
4.	3.811E-07	3.806E-07	3.801E-07	3.795E-07	3.789E-07	3.783E-07	3.776E-07	3.768E-07
5.	4.056E-07	4.052E-07	4.046E-07	4.040E-07	4.034E-07	4.026E-07	4.019E-07	4.011E-07
6.	7.655E-08	7.642E-08	7.627E-08	7.612E-08	7.597E-08	7.580E-08	7.563E-08	7.545E-08
7.	2.147E-08	2.144E-08	2.141E-08	2.138E-08	2.135E-08	2.131E-08	2.127E-08	2.123E-08
8.	9.873E-09	9.861E-09	9.847E-09	9.833E-09	9.817E-09	9.800E-09	9.782E-09	9.762E-09
9.	5.741E-08	5.734E-08	5.726E-08	5.718E-08	5.708E-08	5.698E-08	5.688E-08	5.677E-08
10.	3.862E-08	3.851E-08	3.840E-08	3.830E-08	3.819E-08	3.808E-08	3.797E-08	3.786E-08
11.	4.659E-09	4.646E-09	4.632E-09	4.618E-09	4.604E-09	4.590E-09	4.576E-09	4.563E-09
12.	2.482E-08	2.475E-08	2.467E-08	2.460E-08	2.452E-08	2.445E-08	2.438E-08	2.430E-08
13.	1.466E-06	1.463E-06	1.460E-06	1.456E-06	1.453E-06	1.449E-06	1.446E-06	1.442E-06
14.	1.466E-06	1.463E-06	1.460E-06	1.456E-06	1.453E-06	1.449E-06	1.446E-06	1.442E-06
15.	1.865E-06	1.861E-06	1.857E-06	1.852E-06	1.848E-06	1.844E-06	1.839E-06	1.834E-06
16.	2.189E-06	2.184E-06	2.179E-06	2.173E-06	2.168E-06	2.163E-06	2.158E-06	2.152E-06
17.	5.814E-06	5.800E-06	5.787E-06	5.773E-06	5.759E-06	5.745E-06	5.731E-06	5.717E-06

18.	9.668E-06	9.645E-06	9.623E-06	9.600E-06	9.577E-06	9.554E-06	9.531E-06	9.507E-06
19.	1.103E-08	1.097E-08	1.091E-08	1.085E-08	1.079E-08	1.073E-08	1.067E-08	1.061E-08
20.	8.829E-08	8.779E-08	8.729E-08	8.680E-08	8.632E-08	8.584E-08	8.537E-08	8.490E-08
21.	2.700E-09	2.723E-09	2.746E-09	2.768E-09	2.790E-09	2.812E-09	2.834E-09	2.855E-09
22.	2.700E-09	2.723E-09	2.746E-09	2.768E-09	2.790E-09	2.812E-09	2.834E-09	2.855E-09
23.	1.596E-07	1.587E-07	1.578E-07	1.569E-07	1.560E-07	1.552E-07	1.543E-07	1.535E-07
24.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.	4.700E-07	4.945E-07	5.203E-07	5.476E-07	5.762E-07	6.063E-07	6.380E-07	6.715E-07

TOTAL CONCENTRATION (G/M**3)

5.013E-04 4.398E-04 3.891E-04 3.509E-04 3.235E-04 3.035E-04 2.884E-04 2.760E-04

TECO BB + INTERACTION--DAY 226/74/4--MAX 3-HR INTERACTION CONC--AAOS f. 34

1. 7.0

* * * S O U R C E S * * *

NO	Q (G/SEC)	HP (M)	TS (DEG-K)	VS (M/SEC)	D(M)	VF(M**3/SEC)	R (KM)	S (KM)	
1.	2624.55	149.4	400.0	16.3	7.32	0.0	361.600	3075.000	TECO 1&2 50% 31.5T/H SO2
2.	1699.17	149.4	361.0	19.1	7.32	0.0	361.600	3075.000	TECO 3&4 50% 31.5T/H SO2
3.	15.28	45.7	347.0	9.1	2.30	0.0	362.900	3082.500	GARDINIER 8-04
4.	32.59	45.7	345.0	8.2	2.40	0.0	362.900	3082.500	GARDINIER 8-05
5.	34.69	45.7	346.0	12.4	2.70	0.0	362.900	3082.500	GARDINIER 8-06
6.	6.47	38.4	327.0	10.8	2.40	0.0	362.900	3082.900	GARDINIER 8-07
7.	1.72	23.8	350.0	5.5	1.80	0.0	362.900	3082.500	GARDINIER 8-32
8.	0.78	20.7	305.0	15.3	1.20	0.0	362.900	3082.500	GARDINIER 8-38
9.	4.48	18.3	312.0	3.7	0.60	0.0	362.900	3082.500	GARDINIER 8-42
10.	3.62	13.1	439.0	9.7	0.30	0.0	360.100	3087.500	IMP PH 24-01
11.	0.49	27.4	308.0	1.9	6.90	0.0	363.100	3089.000	NITRAM 29-03
12.	2.61	27.4	505.0	10.8	1.40	0.0	363.100	3089.000	NITRAM 29-04
13.	173.74	93.3	427.0	24.1	3.10	0.0	360.000	3087.500	GANNON 40-01
14.	173.74	93.3	427.0	24.1	3.10	0.0	360.000	3087.500	GANNON 40-02
15.	221.01	93.3	403.0	27.0	3.20	0.0	360.000	3087.500	GANNON 40-03
16.	259.30	93.3	414.0	18.6	2.90	0.0	360.000	3087.500	GANNON 40-04
17.	688.79	93.3	415.0	20.7	4.40	0.0	360.000	3087.500	GANNON 40-05
18.	1145.37	93.3	418.0	23.4	5.40	0.0	360.000	3087.500	GANNON 40-06
19.	0.78	9.4	340.0	11.0	3.00	0.0	362.200	3087.200	EXXON 21-01
20.	7.19	29.9	366.0	12.1	0.60	0.0	361.800	3088.300	CHLORIDEM 50-04
21.	0.75	9.1	561.0	5.9	0.60	0.0	358.000	3089.200	SULPHUR T. 82-01
22.	0.75	9.1	622.0	6.2	0.60	0.0	358.000	3089.200	SULPHUR T. 82-02
23.	13.01	30.2	398.0	22.9	0.60	0.0	361.800	3088.300	CHLORIDE MET 50-01
24.	0.49	7.6	436.0	22.7	0.50	0.0	354.000	3062.100	SPEEDLING 171-
25.	1903.29	152.0	427.0	13.4	7.90	0.0	367.600	3055.100	FP&L MAN 1&2

* * * R E C E P T O R S * * *

NO.	RREC(KM)	SREC(KM)	Z (M)
1.	361.570	3075.090	0.0
2.	361.530	3075.190	0.0
3.	361.500	3075.280	0.0
4.	361.460	3075.380	0.0
5.	361.430	3075.470	0.0
6.	361.390	3075.560	0.0
7.	361.360	3075.660	0.0
8.	361.330	3075.750	0.0
9.	361.290	3075.850	0.0
10.	361.260	3075.940	0.0
11.	361.220	3076.030	0.0
12.	361.190	3076.130	0.0
13.	361.160	3076.220	0.0
14.	361.120	3076.320	0.0
15.	361.090	3076.410	0.0
16.	361.050	3076.500	0.0
17.	361.020	3076.600	0.0
18.	360.980	3076.690	0.0
19.	360.950	3076.790	0.0
20.	360.920	3076.880	0.0

1.	148.	3.6	2	804.	303.0	0.0
2.	160.	1.5	1	1008.	303.0	0.0
3.	235.	4.1	2	1212.	304.0	0.0

AVERAGE CONCENTRATIONS FOR 3 HOURS

* * * R E C E P T O R N U M B E R * * *

SOURCE	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
	PARTIAL CONCENTRATIONS (G/M**3)											
1.	0.0	0.0	0.0	0.0	8.455E-20	2.026E-11	2.193E-07	1.080E-05	9.559E-05	2.502E-04	4.192E-04	5.408E-04
2.	0.0	0.0	0.0	0.0	1.006E-16	1.04:E-09	1.184E-06	2.039E-05	9.766E-05	1.991E-04	2.972E-04	3.648E-04
3.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.	1.879E-12	1.453E-12	1.167E-12	8.980E-13	7.180E-13	5.585E-13	4.378E-13	3.479E-13	2.641E-13	2.091E-13	1.607E-13	1.246E-13
25.	9.885E-07	9.907E-07	9.858E-07	9.879E-07	9.831E-07	9.892E-07	9.800E-07	9.752E-07	9.770E-07	9.723E-07	9.780E-07	9.693E-07
	TOTAL CONCENTRATION (G/M**3)											
	9.885E-07	9.907E-07	9.858E-07	9.879E-07	9.831E-07	9.902E-07	2.383E-06	3.216E-05	1.942E-04	4.502E-04	7.174E-04	9.065E-04

* * * R E C E P T O R N U M B E R * * *

SOURCE	13.	14.	15.	16.	17.	18.	19.	20.
	PARTIAL CONCENTRATIONS (G/M**3)							
1.	5.999E-04	5.963E-04	5.805E-04	5.595E-04	5.360E-04	5.181E-04	4.985E-04	4.824E-04
2.	3.913E-04	3.942E-04	3.842E-04	3.719E-04	3.570E-04	3.461E-04	3.330E-04	3.222E-04
3.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

18.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.	9.804E-14	7.359E-14	5.771E-14	4.384E-14	3.364E-14	2.545E-14	1.946E-14	1.513E-14
25.	9.645E-07	9.658E-07	9.612E-07	9.666E-07	9.579E-07	9.634E-07	9.547E-07	9.501E-07

TOTAL CONCENTRATION (G/M**3)

9.822E-04 9.915E-04 9.657E-04 9.324E-04 8.940E-04 8.651E-04 8.324E-04 8.056E-04

AAQS AND PSD

24-HOUR TSP

BIG BEND # PSD,DAY 262/71---TSP--INTERACTION --AAQS *Agrico*

1. 7.0

* * * S O U R C E S * * *

NO	Q (G/SEC)	HP (M)	TS (DEG-K)	VS (M/SEC)	D(M)	VF(M**3/SEC)	R (KM)	S (KM)	
1.	0.58	45.7	347.0	9.1	2.30	0.0	362.900	3082.500	GARDINIER 8-4
2.	1.24	45.7	345.0	8.2	2.40	0.0	362.900	3082.500	GARDINIER 8-5
3.	1.29	45.7	346.0	12.4	2.70	0.0	362.900	3082.500	GARDINIER 8-6
4.	2.85	38.4	327.0	10.8	2.40	0.0	362.900	3082.900	GARDINIER 8-7
5.	2.18	26.5	339.0	10.2	0.30	0.0	362.900	3082.900	GARDINIER 8-8
6.	3.62	28.3	309.0	12.8	0.30	0.0	362.900	3082.500	GARDINIER 8-9
7.	3.39	29.0	340.0	29.1	0.60	0.0	362.900	3082.500	GARDINIER 8-10
8.	3.14	21.3	336.0	13.5	0.50	0.0	362.900	3082.500	GARDINIER 8-12
9.	3.62	21.6	337.0	21.6	0.50	0.0	362.900	3082.500	GARDINIER 8-13
10.	4.32	33.5	345.0	12.3	1.20	0.0	362.900	3082.500	GARDINIER 8-14
11.	3.89	1.5	314.0	4.3	0.30	0.0	362.900	3082.500	GARDINIER 8-16
12.	4.23	18.0	397.0	10.2	1.50	0.0	362.900	3082.500	GARDINIER 8-17
13.	4.15	1.5	317.0	4.4	0.50	0.0	362.900	3082.500	GARDINIER 8-18
14.	2.30	27.4	334.0	17.4	1.20	0.0	362.900	3082.500	GARDINIER 8-19
15.	2.36	27.4	333.0	18.8	1.10	0.0	362.900	3082.500	GARDINIER 8-20
16.	2.25	27.4	337.0	20.2	1.10	0.0	362.900	3082.500	GARDINIER 8-22
17.	2.15	27.4	336.0	22.4	1.10	0.0	362.900	3082.500	GARDINIER 8-23
18.	3.57	16.8	327.0	21.8	1.30	0.0	362.900	3082.500	GARDINIER 8-24
19.	4.40	25.9	312.0	25.3	0.30	0.0	362.900	3082.500	GARDINIER 8-25
20.	4.40	29.3	314.0	16.6	0.30	0.0	362.900	3082.500	GARDINIER 8-26
21.	4.23	32.9	326.0	6.6	0.40	0.0	362.900	3082.500	GARDINIER 8-27
22.	4.23	25.0	309.0	4.4	0.40	0.0	362.900	3082.500	GARDINIER 8-28
23.	4.23	35.1	321.0	6.9	0.40	0.0	362.900	3082.500	GARDINIER 8-29
24.	4.23	29.3	329.0	6.4	0.40	0.0	362.900	3082.500	GARDINIER 8-30
25.	4.23	28.3	327.0	8.4	1.20	0.0	362.900	3082.500	GARDINIER 8-31
26.	0.66	23.8	350.0	5.5	1.80	0.0	362.900	3082.500	GARDINIER 8-32
27.	0.05	20.1	336.0	14.9	0.60	0.0	362.900	3082.500	GARDINIER 8-34
28.	1.32	19.8	307.0	15.0	1.20	0.0	362.900	3082.500	GARDINIER 8-35
29.	1.39	20.1	307.0	12.4	1.10	0.0	362.900	3082.500	GARDINIER 8-37
30.	1.45	20.7	307.0	15.3	1.20	0.0	362.900	3082.500	GARDINIER 8-38
31.	1.67	22.6	315.0	14.3	1.10	0.0	362.900	3082.500	GARDINIER 8-40
32.	1.32	8.8	307.0	9.7	1.20	0.0	362.900	3082.500	GARDINIER 8-41
33.	0.20	18.3	312.0	3.7	0.60	0.0	362.900	3082.500	GARDINIER 8-42
34.	3.97	13.1	439.0	9.7	0.30	0.0	360.100	3087.500	IMC 24-01
35.	2.93	20.7	348.0	11.4	2.40	0.0	360.100	3087.500	IMC 24-02
36.	4.08	13.7	307.0	20.3	1.80	0.0	360.100	3087.500	IMC 24-03
37.	2.33	61.0	450.0	21.9	0.30	0.0	363.100	3089.000	NITRAM 29-1
38.	0.05	27.4	308.0	1.9	6.90	0.0	363.100	3089.000	NITRAM 29-3
39.	0.23	27.4	595.0	10.8	1.40	0.0	363.100	3089.000	NITRAM 29-4
40.	2.33	61.0	505.0	10.3	1.40	0.0	363.100	3089.000	NITRAM 29-6
41.	1.98	44.2	505.0	4.9	0.60	0.0	359.500	3087.300	IDEAL BAG 31-1
42.	15.79	93.3	427.0	24.1	3.10	0.0	360.000	3087.500	GANNON 40-1
43.	15.79	93.3	427.0	24.1	3.10	0.0	360.000	3087.500	GANNON 40-2
44.	20.10	93.3	403.0	27.0	3.20	0.0	360.000	3087.500	GANNON 40-3
45.	23.57	93.3	414.0	18.6	2.90	0.0	360.000	3087.500	GANNON 40-4
46.	0.32	7.6	307.0	17.2	0.50	0.0	361.800	3088.300	CHLORIDEM 50-3
47.	0.20	29.9	366.0	12.1	0.60	0.0	361.800	3088.300	CHLORIDEM 50-4
48.	1.27	9.1	307.0	16.0	0.60	0.0	362.400	3087.000	GAF CORP 56-2
49.	0.05	9.1	561.0	5.9	0.60	0.0	358.000	3089.200	SULPHUR T. 82-01
50.	0.05	9.1	622.0	6.2	0.60	0.0	358.000	3089.200	SULPHUR T. 82-2
51.	3.82	8.8	307.0	23.0	0.40	0.0	361.000	3076.200	AGRICO 94-1
52.	0.05	15.2	316.0	3.0	1.20	0.0	362.200	3086.800	HUCO 117-02

53.	0.48	30.2	398.0	22.9	0.60	0.0	361.800	3088.300	CHLORIDE MET 50-1
54.	1.11	12.2	325.0	15.8	0.50	0.0	361.800	3088.300	CHLORIDE MET 50-2
55.	1.11	12.2	325.0	15.6	0.50	0.0	361.800	3088.300	CHLORIDE MET
56.	1.22	9.1	311.0	23.6	1.80	0.0	362.200	3074.800	MIN AGG
57.	3.34	12.2	322.0	14.1	1.20	0.0	362.400	3087.000	GAF CORP
58.	9.38	7.6	436.0	22.7	0.50	0.0	354.000	3062.100	SPEEDLING 171-
59.	1.73	9.1	307.0	0.5	0.60	0.0	362.900	3084.600	SI LIME
60.	1.73	9.1	307.0	0.5	0.60	0.0	362.900	3084.600	SI LIME
61.	173.12	152.0	427.0	13.4	7.90	0.0	367.600	3055.100	FPL MANATEE 1&2
62.	50.86	149.4	422.0	28.6	7.32	0.0	361.600	3075.000	BIG BEND 39-1
63.	50.35	149.4	422.0	28.6	7.32	0.0	361.600	3075.000	BIG BEND 39-2
64.	51.85	149.4	370.0	34.3	7.32	0.0	361.600	3075.000	BIG BEND 39-3
65.	17.73	149.4	370.0	34.3	7.32	0.0	361.600	3075.000	BIG BEND 4

* * * R E C E P T O R S * * *

NO.	RREC(KM)	SREC(KM)	Z (M)
1.	361.650	3074.910	0.0
2.	361.700	3074.830	0.0
3.	361.750	3074.740	0.0
4.	361.800	3074.650	0.0
5.	361.850	3074.570	0.0
6.	361.900	3074.480	0.0
7.	361.950	3074.390	0.0
8.	362.000	3074.310	0.0
9.	362.050	3074.220	0.0
10.	362.100	3074.130	0.0
11.	362.150	3074.050	0.0
12.	362.200	3073.960	0.0
13.	362.250	3073.870	0.0
14.	362.300	3073.790	0.0
15.	362.350	3073.700	0.0
16.	362.400	3073.610	0.0
17.	362.450	3073.530	0.0
18.	362.500	3073.440	0.0
19.	362.550	3073.350	0.0
20.	362.600	3073.270	0.0

1.	92.	2.6	6	1296.	297.0	0.0
2.	91.	2.6	5	1316.	297.0	0.0
3.	90.	2.1	6	1336.	296.0	0.0
4.	124.	2.6	6	1356.	296.0	0.0
5.	125.	1.5	7	1377.	296.0	0.0
6.	112.	2.6	6	1397.	296.0	0.0
7.	97.	2.6	5	136.	296.0	0.0
8.	122.	2.1	4	340.	299.0	0.0
9.	118.	4.1	3	543.	300.0	0.0
10.	144.	3.6	2	746.	303.0	0.0
11.	128.	1.5	2	949.	304.0	0.0
12.	343.	2.6	1	1153.	304.0	0.0
13.	257.	3.1	2	1356.	304.0	0.0
14.	257.	3.1	2	1559.	305.0	0.0
15.	295.	4.6	3	1559.	306.0	0.0
16.	324.	6.2	4	1559.	304.0	0.0
17.	329.	5.1	4	1559.	304.0	0.0
18.	336.	5.1	4	1559.	303.0	0.0
19.	55.	3.6	4	1545.	296.0	0.0
20.	357.	4.1	4	1519.	296.0	0.0
21.	70.	2.1	5	1493.	296.0	0.0
22.	95.	2.1	6	1468.	296.0	0.0
23.	111.	2.1	6	1442.	296.0	0.0

24.	103.	2.6	6	1416.	296.0	0.0

AVER[illegible] CONCENTRATIONS FOR 24 HOURS.

A A A R E C E P T O R N U M B E R A A A

SOURCE	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
	PARTIAL CONCENTRATIONS (G/M**3)											
1.	3.299E-11	4.402E-11	6.005E-11	8.298E-11	1.150E-10	1.601E-10	2.226E-10	3.059E-10	4.176E-10	5.627E-10	7.447E-10	9.744E-10
2.	7.065E-11	9.433E-11	1.288E-10	1.780E-10	2.467E-10	3.437E-10	4.779E-10	6.569E-10	8.970E-10	1.209E-09	1.600E-09	2.093E-09
3.	7.123E-11	9.427E-11	1.275E-10	1.748E-10	2.406E-10	3.332E-10	4.612E-10	6.317E-10	8.604E-10	1.157E-09	1.530E-09	2.001E-09
4.	2.056E-10	2.775E-10	3.810E-10	5.267E-10	7.262E-10	1.002E-09	1.374E-09	1.860E-09	2.496E-09	3.306E-09	4.303E-09	5.539E-09
5.	1.757E-10	2.405E-10	3.346E-10	4.679E-10	6.512E-10	9.049E-10	1.248E-09	1.697E-09	2.285E-09	3.033E-09	3.954E-09	5.094E-09
6.	2.302E-10	3.193E-10	4.449E-10	6.267E-10	8.824E-10	1.246E-09	1.750E-09	2.423E-09	3.327E-09	4.502E-09	5.975E-09	7.832E-09
7.	2.167E-10	2.948E-10	4.098E-10	5.761E-10	8.099E-10	1.142E-09	1.602E-09	2.217E-09	3.043E-09	4.116E-09	5.461E-09	7.158E-09
8.	2.128E-10	2.915E-10	4.080E-10	5.772E-10	8.155E-10	1.154E-09	1.625E-09	2.255E-09	3.101E-09	4.200E-09	5.578E-09	7.317E-09
9.	2.445E-10	3.346E-10	4.682E-10	6.620E-10	9.349E-10	1.323E-09	1.862E-09	2.584E-09	3.552E-09	4.810E-09	6.389E-09	8.379E-09
10.	2.674E-10	3.620E-10	5.010E-10	7.015E-10	9.827E-10	1.381E-09	1.934E-09	2.673E-09	3.664E-09	4.951E-09	6.565E-09	8.601E-09
11.	4.097E-10	5.840E-10	8.490E-10	1.241E-09	1.801E-09	2.605E-09	3.731E-09	5.246E-09	7.286E-09	9.945E-09	1.329E-08	1.751E-08
12.	2.943E-10	4.041E-10	5.670E-10	8.037E-10	1.136E-09	1.613E-09	2.273E-09	3.157E-09	4.344E-09	5.887E-09	7.823E-09	1.026E-08
13.	4.370E-10	6.229E-10	9.055E-10	1.324E-09	1.921E-09	2.779E-09	3.980E-09	5.595E-09	7.771E-09	1.061E-08	1.417E-08	1.868E-08
14.	1.474E-10	2.004E-10	2.784E-10	3.913E-10	5.498E-10	7.748E-10	1.087E-09	1.504E-09	2.064E-09	2.792E-09	3.705E-09	4.857E-09
15.	1.515E-10	2.060E-10	2.864E-10	4.025E-10	5.658E-10	7.975E-10	1.119E-09	1.549E-09	2.126E-09	2.875E-09	3.815E-09	5.001E-09
16.	1.442E-10	1.959E-10	2.721E-10	3.824E-10	5.372E-10	7.570E-10	1.062E-09	1.470E-09	2.017E-09	2.728E-09	3.619E-09	4.744E-09
17.	1.376E-10	1.869E-10	2.596E-10	3.646E-10	5.121E-10	7.216E-10	1.012E-09	1.401E-09	1.922E-09	2.599E-09	3.449E-09	4.521E-09
18.	2.482E-10	3.402E-10	4.765E-10	6.746E-10	9.537E-10	1.351E-09	1.903E-09	2.642E-09	3.635E-09	4.926E-09	6.546E-09	8.590E-09
19.	2.889E-10	3.945E-10	5.505E-10	7.766E-10	1.095E-09	1.547E-09	2.174E-09	3.013E-09	4.139E-09	5.602E-09	7.437E-09	9.751E-09
20.	2.828E-10	3.853E-10	5.365E-10	7.552E-10	1.063E-09	1.499E-09	2.105E-09	2.915E-09	4.002E-09	5.414E-09	7.184E-09	9.417E-09
21.	2.663E-10	3.619E-10	5.027E-10	7.062E-10	9.920E-10	1.398E-09	1.960E-09	2.712E-09	3.720E-09	5.030E-09	6.672E-09	8.743E-09
22.	2.797E-10	3.821E-10	5.337E-10	7.534E-10	1.063E-09	1.502E-09	2.112E-09	2.929E-09	4.024E-09	5.447E-09	7.232E-09	9.482E-09
23.	2.032E-10	3.572E-10	4.955E-10	6.952E-10	9.755E-10	1.373E-09	1.925E-09	2.661E-09	3.649E-09	4.932E-09	6.541E-09	8.570E-09
24.	2.719E-10	3.703E-10	5.156E-10	7.259E-10	1.021E-09	1.441E-09	2.023E-09	2.802E-09	3.846E-09	5.203E-09	6.905E-09	9.050E-09
25.	2.719E-10	3.701E-10	5.149E-10	7.244E-10	1.019E-09	1.437E-09	2.017E-09	2.792E-09	3.833E-09	5.185E-09	6.880E-09	9.019E-09
26.	4.340E-11	5.916E-11	8.243E-11	1.161E-10	1.635E-10	2.309E-10	3.244E-10	4.494E-10	6.172E-10	8.353E-10	1.109E-09	1.454E-09
27.	2.769E-10	3.795E-10	5.316E-10	7.525E-10	1.064E-09	1.507E-09	2.122E-09	2.945E-09	4.050E-09	5.486E-09	7.288E-09	9.561E-09
28.	9.042E-11	1.239E-10	1.736E-10	2.458E-10	3.475E-10	4.922E-10	6.932E-10	9.622E-10	1.323E-09	1.793E-09	2.382E-09	3.124E-09
29.	9.508E-11	1.303E-10	1.826E-10	2.585E-10	3.654E-10	5.175E-10	7.289E-10	1.012E-09	1.392E-09	1.885E-09	2.504E-09	3.285E-09
30.	9.857E-11	1.350E-10	1.890E-10	2.674E-10	3.778E-10	5.348E-10	7.530E-10	1.045E-09	1.437E-09	1.946E-09	2.585E-09	3.391E-09
31.	1.117E-10	1.527E-10	2.134E-10	3.014E-10	4.253E-10	6.014E-10	8.460E-10	1.173E-09	1.612E-09	2.183E-09	2.899E-09	3.802E-09
32.	1.035E-10	1.437E-10	2.039E-10	2.918E-10	4.164E-10	5.943E-10	8.422E-10	1.174E-09	1.621E-09	2.202E-09	2.931E-09	3.852E-09
33.	1.393E-11	1.914E-11	2.687E-11	3.810E-11	5.395E-11	7.651E-11	1.079E-10	1.498E-10	2.062E-10	2.794E-10	3.713E-10	4.872E-10
34.	4.918E-08	4.546E-08	4.202E-08	3.883E-08	3.582E-08	3.309E-08	3.057E-08	2.822E-08	2.610E-08	2.417E-08	2.239E-08	2.080E-08
35.	3.041E-08	2.818E-08	2.611E-08	2.419E-08	2.238E-08	2.074E-08	1.922E-08	1.780E-08	1.652E-08	1.535E-08	1.428E-08	1.332E-08
36.	4.942E-08	4.570E-08	4.226E-08	3.906E-08	3.605E-08	3.332E-08	3.079E-08	2.843E-08	2.631E-08	2.438E-08	2.260E-08	2.100E-08
37.	4.947E-10	6.010E-10	7.283E-10	8.780E-10	1.051E-09	1.252E-09	1.484E-09	1.748E-09	2.048E-09	2.385E-09	2.758E-09	3.175E-09
38.	1.312E-11	1.599E-11	1.943E-11	2.347E-11	2.815E-11	3.359E-11	3.987E-11	4.700E-11	5.511E-11	6.423E-11	7.433E-11	8.561E-11
39.	5.849E-11	7.124E-11	8.651E-11	1.045E-10	1.253E-10	1.495E-10	1.774E-10	2.091E-10	2.452E-10	2.858E-10	3.307E-10	3.809E-10
40.	4.665E-10	5.662E-10	6.855E-10	8.257E-10	9.880E-10	1.177E-09	1.394E-09	1.641E-09	1.923E-09	2.239E-09	2.589E-09	2.981E-09
41.	6.349E-09	6.009E-09	5.718E-09	5.463E-09	5.236E-09	5.043E-09	4.874E-09	4.727E-09	4.600E-09	4.491E-09	4.397E-09	4.316E-09
42.	5.577E-08	5.284E-08	5.017E-08	4.769E-08	4.536E-08	4.327E-08	4.134E-08	3.955E-08	3.796E-08	3.651E-08	3.519E-08	3.402E-08
43.	5.577E-08	5.284E-08	5.017E-08	4.769E-08	4.536E-08	4.327E-08	4.134E-08	3.955E-08	3.796E-08	3.651E-08	3.519E-08	3.402E-08
44.	7.014E-08	6.649E-08	6.316E-08	6.007E-08	5.717E-08	5.457E-08	5.217E-08	4.994E-08	4.795E-08	4.615E-08	4.451E-08	4.305E-08
45.	9.615E-08	9.054E-08	8.542E-08	8.068E-08	7.623E-08	7.225E-08	6.858E-08	6.517E-08	6.214E-08	5.939E-08	5.688E-08	5.464E-08
46.	4.473E-09	4.816E-09	5.150E-09	5.476E-09	5.799E-09	6.098E-09	6.383E-09	6.656E-09	6.899E-09	7.117E-09	7.318E-09	7.484E-09
47.	2.533E-09	2.728E-09	2.917E-09	3.102E-09	3.285E-09	3.456E-09	3.617E-09	3.772E-09	3.911E-09	4.036E-09	4.150E-09	4.245E-09
48.	4.133E-09	4.865E-09	5.680E-09	6.575E-09	7.551E-09	8.595E-09	9.713E-09	1.090E-08	1.214E-08	1.342E-08	1.474E-08	1.608E-08
49.	1.252E-10	1.255E-10	1.257E-10	1.258E-10	1.262E-10	1.265E-10	1.267E-10	1.273E-10	1.276E-10	1.280E-10	1.286E-10	1.291E-10
50.	1.252E-10	1.255E-10	1.257E-10	1.258E-10	1.262E-10	1.265E-10	1.267E-10	1.272E-10	1.276E-10	1.280E-10	1.286E-10	1.291E-10
51.	3.213E-06	2.927E-06	2.646E-06	2.405E-06	2.224E-06	2.040E-06	1.879E-06	1.756E-06	1.629E-06	1.517E-06	1.429E-06	1.337E-06
52.	2.642E-10	3.033E-10	3.452E-10	3.897E-10	4.367E-10	4.851E-10	5.351E-10	5.866E-10	6.379E-10	6.892E-10	7.402E-10	7.895E-10

53.	4.619E-09	4.974E-09	5.320E-09	5.658E-09	5.992E-09	6.303E-09	6.590E-09	6.882E-09	7.135E-09	7.363E-09	7.573E-09	7.747E-09
54.	1.376E-08	1.482E-08	1.584E-08	1.685E-08	1.784E-08	1.876E-08	1.964E-08	2.048E-08	2.123E-08	2.190E-08	2.252E-08	2.303E-08
55.	1.376E-08	1.482E-08	1.585E-08	1.685E-08	1.784E-08	1.876E-08	1.964E-08	2.048E-08	2.123E-08	2.190E-08	2.252E-08	2.303E-08
56.	5.308E-08	1.383E-08	8.033E-11	1.557E-09	4.386E-07	8.415E-09	1.734E-11	1.554E-09	1.159E-08	4.473E-08	2.954E-07	8.386E-07
57.	1.002E-08	1.179E-08	1.376E-08	1.593E-08	1.829E-08	2.082E-08	2.353E-08	2.641E-08	2.941E-08	3.252E-08	3.572E-08	3.896E-08
58.	3.340E-25	7.830E-25	1.917E-24	4.626E-24	1.040E-23	2.435E-23	5.631E-23	1.216E-22	2.736E-22	6.073E-22	1.260E-21	2.724E-21
59.	3.894E-10	5.233E-10	7.024E-10	9.353E-10	1.230E-09	1.605E-09	2.073E-09	2.643E-09	3.336E-09	4.162E-09	5.121E-09	6.243E-09
60.	3.894E-10	5.233E-10	7.024E-10	9.353E-10	1.230E-09	1.605E-09	2.073E-09	2.643E-09	3.336E-09	4.162E-09	5.121E-09	6.243E-09
61.	1.508E-09	1.502E-09	1.465E-09	1.429E-09	1.386E-09	1.351E-09	1.316E-09	1.274E-09	1.241E-09	1.207E-09	1.168E-09	1.135E-09
62.	0.0	0.0	0.0	0.0	3.618E-22	1.545E-13	4.911E-10	1.249E-08	7.200E-08	1.682E-07	2.456E-07	3.137E-07
63.	0.0	0.0	0.0	0.0	3.582E-22	1.530E-13	4.862E-10	1.236E-08	7.128E-08	1.665E-07	2.431E-07	3.106E-07
64.	0.0	0.0	0.0	0.0	2.275E-18	8.782E-12	3.895E-09	4.272E-08	1.507E-07	2.652E-07	3.264E-07	3.676E-07
65.	0.0	0.0	0.0	0.0	7.780E-19	3.003E-12	1.332E-09	1.461E-08	5.153E-08	9.068E-08	1.116E-07	1.257E-07

TOTAL CONCENTRATION (G/M**3)

3.742E-06 3.401E-06 3.093E-06 2.844E-06 3.094E-06 2.480E-06 2.322E-06 2.289E-06 2.455E-06 2.750E-06 3.189E-06 3.883E-06

* * * R E C E P T O R N U M B E R * * *

SOURCE	13.	14.	15.	16.	17.	18.	19.	20.
	PARTIAL CONCENTRATIONS (G/M**3)							
1.	1.255E-09	1.590E-09	1.986E-09	2.440E-09	2.956E-09	3.531E-09	4.161E-09	4.840E-09
2.	2.696E-09	3.416E-09	4.266E-09	5.241E-09	6.350E-09	7.586E-09	8.937E-09	1.040E-08
3.	2.577E-09	3.264E-09	4.077E-09	5.011E-09	6.075E-09	7.261E-09	8.560E-09	9.964E-09
4.	7.024E-09	8.771E-09	1.081E-08	1.311E-08	1.571E-08	1.858E-08	2.169E-08	2.503E-08
5.	6.463E-09	8.072E-09	9.943E-09	1.206E-08	1.445E-08	1.708E-08	1.992E-08	2.298E-08
6.	1.010E-08	1.280E-08	1.598E-08	1.963E-08	2.378E-08	2.838E-08	3.341E-08	3.883E-08
7.	9.229E-09	1.170E-08	1.461E-08	1.794E-08	2.174E-08	2.595E-08	3.055E-08	3.551E-08
8.	9.438E-09	1.197E-08	1.495E-08	1.836E-08	2.225E-08	2.656E-08	3.126E-08	3.633E-08
9.	1.081E-08	1.371E-08	1.712E-08	2.103E-08	2.548E-08	3.042E-08	3.580E-08	4.161E-08
10.	1.109E-08	1.405E-08	1.755E-08	2.155E-08	2.611E-08	3.117E-08	3.670E-08	4.267E-08
11.	2.267E-08	2.882E-08	3.608E-08	4.440E-08	5.385E-08	6.436E-08	7.581E-08	8.817E-08
12.	1.324E-08	1.680E-08	2.099E-08	2.578E-08	3.124E-08	3.729E-08	4.390E-08	5.103E-08
13.	2.418E-08	3.074E-08	3.848E-08	4.735E-08	5.744E-08	6.864E-08	8.086E-08	9.404E-08
14.	6.263E-09	7.939E-09	9.916E-09	1.218E-08	1.476E-08	1.762E-08	2.075E-08	2.412E-08
15.	6.449E-09	8.175E-09	1.021E-08	1.254E-08	1.520E-08	1.814E-08	2.136E-08	2.483E-08
16.	6.118E-09	7.755E-09	9.687E-09	1.190E-08	1.442E-08	1.721E-08	2.027E-08	2.356E-08
17.	5.829E-09	7.390E-09	9.230E-09	1.134E-08	1.374E-08	1.640E-08	1.931E-08	2.245E-08
18.	1.109E-08	1.406E-08	1.757E-08	2.159E-08	2.616E-08	3.125E-08	3.679E-08	4.278E-08
19.	1.257E-08	1.594E-08	1.991E-08	2.445E-08	2.962E-08	3.535E-08	4.161E-08	4.837E-08
20.	1.214E-08	1.539E-08	1.922E-08	2.360E-08	2.859E-08	3.412E-08	4.016E-08	4.668E-08
21.	1.127E-08	1.428E-08	1.783E-08	2.190E-08	2.652E-08	3.166E-08	3.727E-08	4.332E-08
22.	1.223E-08	1.550E-08	1.936E-08	2.378E-08	2.880E-08	3.438E-08	4.047E-08	4.704E-08
23.	1.105E-08	1.400E-08	1.748E-08	2.146E-08	2.599E-08	3.103E-08	3.652E-08	4.245E-08
24.	1.167E-08	1.479E-08	1.847E-08	2.268E-08	2.747E-08	3.279E-08	3.860E-08	4.486E-08
25.	1.163E-08	1.474E-08	1.841E-08	2.261E-08	2.739E-08	3.270E-08	3.849E-08	4.474E-08
26.	1.875E-09	2.378E-09	2.970E-09	3.649E-09	4.421E-09	5.279E-09	6.215E-09	7.225E-09
27.	1.233E-08	1.564E-08	1.954E-08	2.400E-08	2.908E-08	3.472E-08	4.087E-08	4.750E-08
28.	4.031E-09	5.112E-09	6.385E-09	7.845E-09	9.504E-09	1.135E-08	1.336E-08	1.552E-08
29.	4.238E-09	5.374E-09	6.713E-09	8.247E-09	9.991E-09	1.193E-08	1.404E-08	1.632E-08
30.	4.374E-09	5.546E-09	6.929E-09	8.512E-09	1.031E-08	1.231E-08	1.449E-08	1.684E-08
31.	4.984E-09	6.218E-09	7.767E-09	9.541E-09	1.156E-08	1.380E-08	1.624E-08	1.888E-08
32.	4.975E-09	6.315E-09	7.894E-09	9.703E-09	1.176E-08	1.404E-08	1.653E-08	1.922E-08
33.	6.286E-10	7.971E-10	9.958E-10	1.223E-09	1.482E-09	1.7[illegible]E-09	2.083E-09	2.421E-09
34.	1.936E-08	1.803E-08	1.686E-08	1.582E-08	1.485E-08	1.[illegible]-08	1.326E-08	1.258E-08
35.	1.245E-08	1.165E-08	1.094E-08	1.031E-08	9.727E-09	9.2[illegible]-09	8.765E-09	8.353E-09

36.	1.956E-08	1.823E-08	1.706E-08	1.601E-08	1.505E-08	1.420E-08	1.345E-08	1.277E-08
37.	3.633E-09	4.134E-09	4.679E-09	5.263E-09	5.892E-09	6.561E-09	7.268E-09	8.014E-09
38.	9.802E-11	1.116E-10	1.263E-10	1.421E-10	1.591E-10	1.772E-10	1.963E-10	2.165E-10
39.	4.361E-10	4.965E-10	5.621E-10	6.325E-10	7.083E-10	7.889E-10	8.742E-10	9.641E-10
40.	3.412E-09	3.883E-09	4.395E-09	4.944E-09	5.537E-09	6.167E-09	6.834E-09	7.537E-09
41.	4.246E-09	4.187E-09	4.136E-09	4.092E-09	4.057E-09	4.025E-09	3.998E-09	3.978E-09
42.	3.296E-08	3.201E-08	3.117E-08	3.043E-08	2.976E-08	2.918E-08	2.866E-08	2.822E-08
43.	3.296E-08	3.201E-08	3.117E-08	3.043E-08	2.976E-08	2.918E-08	2.866E-08	2.822E-08
44.	4.173E-08	4.054E-08	3.950E-08	3.857E-08	3.775E-08	3.702E-08	3.638E-08	3.582E-08
45.	5.263E-08	5.081E-08	4.922E-08	4.780E-08	4.652E-08	4.541E-08	4.442E-08	4.356E-08
46.	7.622E-09	7.740E-09	7.819E-09	7.869E-09	7.900E-09	7.894E-09	7.861E-09	7.810E-09
47.	4.324E-09	4.392E-09	4.439E-09	4.468E-09	4.487E-09	4.485E-09	4.468E-09	4.441E-09
48.	1.743E-08	1.879E-08	2.012E-08	2.140E-08	2.268E-08	2.387E-08	2.500E-08	2.607E-08
49.	1.296E-10	1.303E-10	1.309E-10	1.315E-10	1.324E-10	1.332E-10	1.339E-10	1.350E-10
50.	1.296E-10	1.303E-10	1.309E-10	1.315E-10	1.324E-10	1.331E-10	1.339E-10	1.350E-10
51.	1.255E-06	1.190E-06	1.121E-06	1.059E-06	1.010E-06	9.582E-07	9.108E-07	8.731E-07
52.	8.370E-10	8.832E-10	9.255E-10	9.644E-10	1.001E-09	1.033E-09	1.060E-09	1.084E-09
53.	7.892E-09	8.016E-09	8.101E-09	8.156E-09	8.191E-09	8.188E-09	8.157E-09	8.108E-09
54.	2.305E-08	2.382E-08	2.406E-08	2.422E-08	2.432E-08	2.430E-08	2.420E-08	2.405E-08
55.	2.346E-08	2.382E-08	2.407E-08	2.422E-08	2.432E-08	2.430E-08	2.420E-08	2.405E-08
56.	1.038E-06	7.794E-07	4.378E-07	2.167E-07	1.042E-07	5.980E-08	4.677E-08	5.072E-08
57.	4.223E-08	4.553E-08	4.875E-08	5.187E-08	5.497E-08	5.786E-08	6.059E-08	6.320E-08
58.	5.806E-21	1.164E-20	2.422E-20	4.962E-20	9.598E-20	1.924E-19	3.806E-19	7.113E-19
59.	7.525E-09	8.970E-09	1.058E-08	1.234E-08	1.427E-08	1.633E-08	1.852E-08	2.083E-08
60.	7.525E-09	8.970E-09	1.058E-08	1.234E-08	1.427E-08	1.633E-08	1.852E-08	2.083E-08
61.	1.103E-09	1.065E-09	1.034E-09	1.004E-09	9.679E-10	9.385E-10	9.094E-10	8.753E-10
62.	3.526E-07	3.574E-07	3.534E-07	3.394E-07	3.180E-07	3.013E-07	2.857E-07	2.686E-07
63.	3.490E-07	3.538E-07	3.498E-07	3.360E-07	3.148E-07	2.983E-07	2.829E-07	2.660E-07
64.	3.837E-07	3.753E-07	3.640E-07	3.471E-07	3.244E-07	3.072E-07	2.913E-07	2.739E-07
65.	1.312E-07	1.283E-07	1.245E-07	1.187E-07	1.109E-07	1.050E-07	9.961E-08	9.365E-08

TOTAL CONCENTRATION (G/M**3)

4.163E-06 3.916E-06 3.575E-06 3.347E-06 3.234E-06 3.216E-06 3.251E-06 3.318E-06

TECO BB + INTERACTION--DAY 238/73--MAX 24-HR TSP CONC--AAQS *From Gardinier*

1. 7.0

* * * S O U R C E S * * *

NO	Q (G/SEC)	HP (M)	TS (DEG-K)	VS (M/SEC)	D(M)	VF(M**3/SEC)	R (KM)	S (KM)	
1.	0.58	45.7	347.0	9.1	2.30	0.0	362.900	3082.500	GARDINIER B-4
2.	1.24	45.7	345.0	8.2	2.40	0.0	362.900	3082.500	GARDINIER B-5
3.	1.29	45.7	346.0	12.4	2.70	0.0	362.900	3082.500	GARDINIER B-6
4.	2.85	38.4	327.0	10.8	2.40	0.0	362.900	3082.900	GARDINIER B-7
5.	2.18	26.5	339.0	10.2	0.30	0.0	362.900	3082.900	GARDINIER B-8
6.	3.62	28.3	309.0	12.8	0.30	0.0	362.900	3082.500	GARDINIER B-9
7.	3.39	29.0	340.0	29.1	0.60	0.0	362.900	3082.500	GARDINIER B-10
8.	3.14	21.3	336.0	13.5	0.50	0.0	362.900	3082.500	GARDINIER B-12
9.	3.62	21.6	337.0	21.6	0.50	0.0	362.900	3082.500	GARDINIER B-13
10.	4.32	33.5	345.0	12.3	1.20	0.0	362.900	3082.500	GARDINIER B-14
11.	3.89	1.5	314.0	4.3	0.30	0.0	362.900	3082.500	GARDINIER B-16
12.	4.23	18.0	307.0	10.2	1.50	0.0	362.900	3082.500	GARDINIER B-17
13.	4.15	1.5	317.0	4.4	0.50	0.0	362.900	3082.500	GARDINIER B-18
14.	2.30	27.4	334.0	17.4	1.20	0.0	362.900	3082.500	GARDINIER B-19
15.	2.36	27.4	333.0	18.8	1.10	0.0	362.900	3082.500	GARDINIER B-20
16.	2.25	27.4	337.0	20.2	1.10	0.0	362.900	3082.500	GARDINIER B-22
17.	2.15	27.4	336.0	22.4	1.10	0.0	362.900	3082.500	GARDINIER B-23
18.	3.57	16.8	327.0	21.8	1.30	0.0	362.900	3082.500	GARDINIER B-24
19.	4.40	25.9	312.0	25.3	0.30	0.0	362.900	3082.500	GARDINIER B-25
20.	4.40	29.3	314.0	16.6	0.30	0.0	362.900	3082.500	GARDINIER B-26
21.	4.23	32.9	326.0	6.6	0.40	0.0	362.900	3082.500	GARDINIER B-27
22.	4.23	25.0	309.0	4.4	0.40	0.0	362.900	3082.500	GARDINIER B-28
23.	4.23	35.1	321.0	6.9	0.40	0.0	362.900	3082.500	GARDINIER B-29
24.	4.23	29.3	329.0	6.4	0.40	0.0	362.900	3082.500	GARDINIER B-30
25.	4.23	28.3	327.0	8.4	1.20	0.0	362.900	3082.500	GARDINIER B-31
26.	0.66	23.8	350.0	5.5	1.80	0.0	362.900	3082.500	GARDINIER B-32
27.	4.05	20.1	336.0	14.9	0.60	0.0	362.900	3082.500	GARDINIER B-34
28.	1.32	19.8	307.0	15.0	1.20	0.0	362.900	3082.500	GARDINIER B-35
29.	1.39	20.1	307.0	12.4	1.10	0.0	362.900	3082.500	GARDINIER B-37
30.	1.45	20.7	307.0	15.3	1.20	0.0	362.900	3082.500	GARDINIER B-38
31.	1.67	22.6	315.0	14.3	1.10	0.0	362.900	3082.500	GARDINIER B-40
32.	1.32	8.8	307.0	9.7	1.20	0.0	362.900	3082.500	GARDINIER B-41
33.	0.20	18.3	312.0	3.7	0.60	0.0	362.900	3082.500	GARDINIER B-42
34.	3.97	13.1	439.0	9.7	0.30	0.0	360.100	3087.500	IMC 24-01
35.	2.93	20.7	348.0	11.4	2.40	0.0	360.100	3087.500	IMC 24-02
36.	4.08	13.7	307.0	20.3	1.80	0.0	360.100	3087.500	IMC 24-03
37.	2.33	61.0	450.0	21.9	0.30	0.0	363.100	3089.000	NITRAM 29-1
38.	0.05	27.4	308.0	1.9	6.90	0.0	363.100	3089.000	NITRAM 29-3
39.	0.23	27.4	505.0	10.8	1.40	0.0	363.100	3089.000	NITRAM 29-4
40.	2.33	61.0	505.0	10.3	1.40	0.0	363.100	3089.000	NITRAM 29-6
41.	1.98	44.2	505.0	4.9	0.60	0.0	359.500	3087.300	IDEAL BAS 31-1
42.	15.79	93.3	427.0	24.1	3.10	0.0	360.000	3087.500	GANNON 40-1
43.	15.79	93.3	427.0	24.1	3.10	0.0	360.000	3087.500	GANNON 40-2
44.	20.10	93.3	403.0	27.0	3.20	0.0	360.000	3087.500	GANNON 40-3
45.	23.57	93.3	414.0	18.6	2.90	0.0	360.000	3087.500	GANNON 40-4
46.	6.32	7.6	307.0	17.2	0.50	0.0	361.800	3088.300	CHLORIDEX 50-3
47.	0.26	29.9	366.0	12.1	0.60	0.0	361.800	3088.300	CHLORIDEX 50-4
48.	1.27	9.1	307.0	16.0	0.60	0.0	362.400	3087.000	GAF CORP 56-2
49.	0.05	9.1	561.0	5.9	0.60	0.0	358.000	3089.200	SULPHUR T. 82-01
50.	0.05	9.1	622.0	6.2	0.60	0.0	358.000	3089.200	SULPHUR T. 82-2
51.	3.92	8.8	307.0	23.0	0.40	0.0	361.000	3076.200	AGRICO 94-1
52.	0.05	15.2	316.0	3.0	1.20	0.0	362.200	3086.800	HUCO 117-02

53.	0.48	30.2	398.0	22.9	0.60	0.0	361.800	3088.300	CHLORIDE MET 50-1
54.	1.11	12.2	325.0	15.8	0.50	0.0	361.800	3088.300	CHLORIDE MET 50-2
55.	1.11	12.2	325.0	15.6	0.50	0.0	361.800	3088.300	CHLORIDE MET
56.	1.22	9.1	311.0	23.6	1.80	0.0	362.200	3074.800	MIN AGG
57.	3.34	12.2	322.0	14.1	1.20	0.0	362.400	3087.000	GAF CORP
58.	9.38	7.6	436.0	22.7	0.50	0.0	354.000	3062.100	SPEEDLING 171-
59.	1.73	9.1	307.0	0.5	0.60	0.0	362.900	3084.600	SI LIME
60.	1.73	9.1	307.0	0.5	0.60	0.0	362.900	3084.600	SI LIME
61.	173.12	152.0	427.0	13.4	7.90	0.0	367.600	3055.100	FPL MANATEE 1&2
62.	50.86	149.4	422.0	28.6	7.32	0.0	361.600	3075.000	BIG BEND 39-1
63.	50.35	149.4	422.0	28.6	7.32	0.0	361.600	3075.000	BIG BEND 39-2
64.	51.85	149.4	370.0	34.3	7.32	0.0	361.600	3075.000	BIG BEND 39-3
65.	17.73	149.4	370.0	34.3	7.32	0.0	361.600	3075.000	BIG BEND 4

* * * R E C E P T O R S * * *

NO.	RREC(KM)	SREC(KM)	Z (M)
1.	361.580	3074.900	0.0
2.	361.570	3074.800	0.0
3.	361.550	3074.700	0.0
4.	361.530	3074.610	0.0
5.	361.510	3074.510	0.0
6.	361.500	3074.410	0.0
7.	361.480	3074.310	0.0
8.	361.460	3074.210	0.0
9.	361.440	3074.110	0.0
10.	361.430	3074.020	0.0
11.	361.410	3073.920	0.0
12.	361.390	3073.820	0.0
13.	361.370	3073.720	0.0
14.	361.360	3073.620	0.0
15.	361.340	3073.520	0.0
16.	361.320	3073.420	0.0
17.	361.300	3073.330	0.0
18.	361.290	3073.230	0.0
19.	361.270	3073.130	0.0
20.	361.250	3073.030	0.0

1.	113.	2.6	6	1755.	298.0	0.0
2.	102.	2.1	6	1750.	298.0	0.0
3.	42.	2.1	6	1744.	296.0	0.0
4.	60.	2.6	6	1739.	296.0	0.0
5.	78.	3.1	6	1734.	296.0	0.0
6.	97.	2.6	5	1729.	296.0	0.0
7.	81.	2.6	4	183.	297.0	0.0
8.	114.	4.1	3	398.	299.0	0.0
9.	116.	3.6	2	613.	301.0	0.0
10.	138.	3.6	2	828.	302.0	0.0
11.	106.	3.6	2	1043.	304.0	0.0
12.	95.	3.6	2	1258.	305.0	0.0
13.	148.	3.1	2	1473.	305.0	0.0
14.	2.	2.6	1	1688.	305.0	0.0
15.	68.	3.6	2	1688.	305.0	0.0
16.	136.	4.1	3	1688.	305.0	0.0
17.	314.	3.1	4	1688.	304.0	0.0
18.	106.	5.7	4	1688.	302.0	0.0
19.	156.	2.6	4	1688.	300.0	0.0
20.	125.	2.6	5	1689.	300.0	0.0
21.	101.	4.1	4	1690.	299.0	0.0
22.	44.	2.6	5	1691.	298.0	0.0

24.	74.	1.5	6	1693.	297.0	0.0

AVERAGE CONCENTRATIONS FOR 24 HOURS

* * * R E C E P T O R N U M B E R * * *

SOURCE	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
	PARTIAL CONCENTRATIONS (G/M**3)											
1.	1.027E-09	1.019E-09	1.005E-09	9.907E-10	9.769E-10	9.701E-10	9.569E-10	9.441E-10	9.317E-10	9.255E-10	9.135E-10	9.018E-10
2.	2.195E-09	2.179E-09	2.148E-09	2.118E-09	2.089E-09	2.074E-09	2.046E-09	2.019E-09	1.992E-09	1.979E-09	1.953E-09	1.928E-09
3.	2.284E-09	2.267E-09	2.235E-09	2.203E-09	2.173E-09	2.158E-09	2.128E-09	2.100E-09	2.072E-09	2.058E-09	2.032E-09	2.006E-09
4.	5.115E-09	5.075E-09	5.005E-09	4.938E-09	4.871E-09	4.836E-09	4.772E-09	4.710E-09	4.649E-09	4.617E-09	4.559E-09	4.502E-09
5.	4.060E-09	4.029E-09	3.973E-09	3.920E-09	3.867E-09	3.839E-09	3.788E-09	3.739E-09	3.690E-09	3.665E-09	3.619E-09	3.574E-09
6.	6.723E-09	6.673E-09	6.579E-09	6.487E-09	6.397E-09	6.352E-09	6.266E-09	6.182E-09	6.100E-09	6.060E-09	5.981E-09	5.905E-09
7.	6.281E-09	6.234E-09	6.146E-09	6.060E-09	5.976E-09	5.934E-09	5.853E-09	5.775E-09	5.699E-09	5.661E-09	5.588E-09	5.516E-09
8.	6.000E-09	5.955E-09	5.871E-09	5.789E-09	5.709E-09	5.669E-09	5.592E-09	5.517E-09	5.444E-09	5.408E-09	5.338E-	5.269E-09
9.	6.908E-09	6.856E-09	6.759E-09	6.664E-09	6.572E-09	6.526E-09	6.437E-09	6.351E-09	6.267E-09	6.226E-09	6.145E-09	6.066E-09
10.	7.889E-09	7.831E-09	7.719E-09	7.611E-09	7.506E-09	7.453E-09	7.352E-09	7.254E-09	7.158E-09	7.111E-09	7.019E-09	6.929E-09
11.	9.692E-09	9.620E-09	9.483E-09	9.350E-09	9.221E-09	9.156E-09	9.032E-09	8.911E-09	8.793E-09	8.735E-09	8.622E-09	8.512E-09
12.	8.220E-09	8.159E-09	8.043E-09	7.931E-09	7.821E-09	7.766E-09	7.661E-09	7.558E-09	7.458E-09	7.409E-09	7.313E-09	7.219E-09
13.	1.034E-08	1.026E-08	1.012E-08	9.975E-09	9.837E-09	9.768E-09	9.636E-09	9.507E-09	9.381E-09	9.319E-09	9.198E-09	9.081E-09
14.	4.286E-09	4.254E-09	4.193E-09	4.135E-09	4.077E-09	4.049E-09	3.994E-09	3.941E-09	3.888E-09	3.863E-09	3.813E-09	3.764E-09
15.	4.397E-09	4.365E-09	4.303E-09	4.243E-09	4.184E-09	4.154E-09	4.098E-09	4.043E-09	3.990E-09	3.963E-09	3.912E-09	3.862E-09
16.	4.192E-09	4.161E-09	4.102E-09	4.045E-09	3.989E-09	3.961E-09	3.907E-09	3.855E-09	3.804E-09	3.779E-09	3.730E-09	3.682E-09
17.	4.006E-09	3.976E-09	3.920E-09	3.865E-09	3.812E-09	3.785E-09	3.733E-09	3.684E-09	3.635E-09	3.611E-09	3.564E-09	3.518E-09
18.	6.986E-09	6.933E-09	6.835E-09	6.739E-09	6.646E-09	6.600E-09	6.510E-09	6.423E-09	6.338E-09	6.296E-09	6.215E-09	6.135E-09
19.	8.245E-09	8.183E-09	8.067E-09	7.954E-09	7.844E-09	7.789E-09	7.684E-09	7.581E-09	7.481E-09	7.431E-09	7.335E-09	7.241E-09
20.	8.144E-09	8.083E-09	7.968E-09	7.857E-09	7.748E-09	7.694E-09	7.590E-09	7.488E-09	7.389E-09	7.340E-09	7.245E-09	7.152E-09
21.	7.739E-09	7.681E-09	7.572E-09	7.466E-09	7.363E-09	7.311E-09	7.212E-09	7.116E-09	7.022E-09	6.975E-09	6.885E-09	6.797E-09
22.	7.954E-09	7.895E-09	7.783E-09	7.674E-09	7.568E-09	7.515E-09	7.413E-09	7.314E-09	7.217E-09	7.169E-09	7.076E-09	6.986E-09
23.	7.689E-09	7.632E-09	7.523E-09	7.418E-09	7.315E-09	7.264E-09	7.166E-09	7.070E-09	6.976E-09	6.930E-09	6.840E-09	6.753E-09
24.	7.829E-09	7.771E-09	7.660E-09	7.553E-09	7.449E-09	7.397E-09	7.296E-09	7.199E-09	7.103E-09	7.057E-09	6.965E-09	6.876E-09
25.	7.856E-09	7.798E-09	7.687E-09	7.580E-09	7.475E-09	7.422E-09	7.322E-09	7.224E-09	7.128E-09	7.081E-09	6.989E-09	6.900E-09
26.	1.247E-09	1.238E-09	1.220E-09	1.203E-09	1.187E-09	1.178E-09	1.162E-09	1.147E-09	1.132E-09	1.124E-09	1.110E-09	1.095E-09
27.	7.784E-09	7.726E-09	7.616E-09	7.510E-09	7.406E-09	7.354E-09	7.254E-09	7.157E-09	7.062E-09	7.016E-09	6.925E-09	6.836E-09
28.	2.541E-09	2.522E-09	2.486E-09	2.451E-09	2.417E-09	2.400E-09	2.368E-09	2.336E-09	2.305E-09	2.290E-09	2.260E-09	2.231E-09
29.	2.672E-09	2.652E-09	2.614E-09	2.577E-09	2.542E-09	2.524E-09	2.490E-09	2.456E-09	2.424E-09	2.408E-09	2.377E-09	2.346E-09
30.	2.779E-09	2.758E-09	2.719E-09	2.681E-09	2.644E-09	2.625E-09	2.590E-09	2.555E-09	2.521E-09	2.504E-09	2.472E-09	2.440E-09
31.	3.172E-09	3.149E-09	3.104E-09	3.061E-09	3.018E-09	2.997E-09	2.956E-09	2.917E-09	2.878E-09	2.859E-09	2.822E-09	2.786E-09
32.	2.755E-09	2.735E-09	2.696E-09	2.658E-09	2.622E-09	2.603E-09	2.568E-09	2.534E-09	2.500E-09	2.483E-09	2.451E-09	2.420E-09
33.	3.880E-10	3.851E-10	3.797E-10	3.743E-10	3.692E-10	3.666E-10	3.616E-10	3.568E-10	3.520E-10	3.497E-10	3.452E-10	3.408E-10
34.	4.461E-09	4.478E-09	4.518E-09	4.558E-09	4.596E-09	4.609E-09	4.644E-09	4.677E-09	4.709E-09	4.720E-09	4.750E-09	4.779E-09
35.	3.145E-09	3.157E-09	3.186E-09	3.214E-09	3.240E-09	3.249E-09	3.274E-09	3.298E-09	3.320E-09	3.328E-09	3.349E-09	3.369E-09
36.	4.564E-09	4.582E-09	4.623E-09	4.664E-09	4.702E-09	4.715E-09	4.751E-09	4.785E-09	4.818E-09	4.829E-09	4.860E-09	4.889E-09
37.	3.037E-09	3.019E-09	2.994E-09	2.970E-09	2.945E-09	2.928E-09	2.904E-09	2.880E-09	2.857E-09	2.842E-09	2.819E-09	2.796E-09
38.	7.061E-11	7.018E-11	6.959E-11	6.904E-11	6.846E-11	6.806E-11	6.751E-11	6.696E-11	6.641E-11	6.606E-11	6.553E-11	6.501E-11
39.	3.248E-10	3.228E-10	3.201E-10	3.176E-10	3.149E-10	3.131E-10	3.105E-10	3.080E-10	3.055E-10	3.039E-10	3.014E-10	2.990E-10
40.	3.037E-09	3.019E-09	2.994E-09	2.970E-09	2.945E-09	2.928E-09	2.904E-09	2.880E-09	2.857E-09	2.842E-09	2.819E-09	2.796E-09
41.	1.336E-09	1.350E-09	1.373E-09	1.396E-09	1.419E-09	1.432E-09	1.454E-09	1.476E-09	1.497E-09	1.508E-09	1.528E-09	1.548E-09
42.	1.378E-08	1.385E-08	1.399E-08	1.413E-08	1.426E-08	1.431E-08	1.444E-08	1.456E-08	1.467E-08	1.472E-08	1.482E-08	1.493E-08
43.	1.378E-08	1.385E-08	1.399E-08	1.413E-08	1.426E-08	1.431E-08	1.444E-08	1.456E-08	1.467E-08	1.472E-08	1.482E-08	1.493E-08
44.	1.754E-08	1.763E-08	1.781E-08	1.798E-08	1.815E-08	1.822E-08	1.838E-08	1.853E-08	1.868E-08	1.873E-08	1.887E-08	1.900E-08
45.	2.057E-08	2.067E-08	2.088E-08	2.109E-08	2.128E-08	2.136E-08	2.155E-08	2.173E-08	2.190E-08	2.197E-08	2.213E-08	2.228E-08
46.	6.035E-10	6.001E-10	5.969E-10	5.942E-10	5.910E-10	5.876E-10	5.845E-10	5.813E-10	5.782E-10	5.752E-10	5.721E-10	5.689E-10
47.	4.276E-10	4.251E-10	4.229E-10	4.210E-10	4.187E-10	4.163E-10	4.141E-10	4.119E-10	4.096E-10	4.075E-10	4.053E-10	4.031E-10
48.	2.520E-09	2.502E-09	2.480E-09	2.461E-09	2.439E-09	2.422E-09	2.401E-09	2.381E-09	2.361E-09	2.346E-09	2.326E-09	2.307E-09
49.	1.284E-11	1.314E-11	1.356E-11	1.397E-11	1.440E-11	1.470E-11	1.514E-11	1.557E-11	1.600E-11	1.629E-11	1.672E-11	1.716E-11
50.	1.284E-11	1.314E-11	1.356E-11	1.397E-11	1.440E-11	1.470E-11	1.514E-11	1.557E-11	1.600E-11	1.629E-11	1.672E-11	1.716E-11
51.	5.250E-09	6.345E-09	7.782E-09	9.089E-09	1.041E-08	1.126E-08	1.270E-08	1.413E-08	1.546E-08	1.614E-08	1.719E-08	1.807E-08
52.	9.733E-11	9.661E-11	9.583E-11	9.513E-11	9.436E-11	9.368E-11	9.293E-11	9.219E-11	9.146E-11	9.087E-11	9.015E-11	8.944E-11

53.	7.886E-10	7.841E-10	7.800E-10	7.764E-10	7.722E-10	7.678E-10	7.637E-10	7.596E-10	7.555E-10	7.516E-10	7.475E-10	7.434E-10
54.	1.997E-09	1.985E-09	1.975E-09	1.966E-09	1.955E-09	1.944E-09	1.934E-09	1.923E-09	1.913E-09	1.903E-09	1.893E-09	1.882E-09
55.	1.997E-09	1.985E-09	1.975E-09	1.966E-09	1.955E-09	1.944E-09	1.934E-09	1.923E-09	1.913E-09	1.903E-09	1.893E-09	1.882E-09
56.	2.906E-06	7.051E-07	1.045E-06	6.057E-07	4.489E-07	5.451E-07	2.487E-07	6.902E-08	2.179E-07	5.489E-07	5.892E-07	2.705E-07
57.	6.437E-09	6.389E-09	6.334E-09	6.284E-09	6.230E-09	6.185E-09	6.133E-09	6.081E-09	6.030E-09	5.992E-09	5.942E-09	5.892E-09
58.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.	3.427E-09	3.401E-09	3.360E-09	3.321E-09	3.282E-09	3.258E-09	3.220E-09	3.183E-09	3.147E-09	3.126E-09	3.091E-09	3.057E-09
60.	3.427E-09	3.401E-09	3.360E-09	3.321E-09	3.282E-09	3.258E-09	3.220E-09	3.183E-09	3.147E-09	3.126E-09	3.091E-09	3.057E-09
61.	1.300E-08	1.442E-08	1.571E-08	1.703E-08	1.854E-08	1.986E-08	2.161E-08	2.350E-08	2.553E-08	2.715E-08	2.946E-08	3.194E-08
62.	0.0	0.0	0.0	0.0	6.041E-21	6.669E-13	1.102E-09	2.838E-08	1.277E-07	2.528E-07	3.545E-07	3.990E-07
63.	0.0	0.0	0.0	0.0	5.981E-21	6.603E-13	1.091E-09	2.810E-08	1.264E-07	2.503E-07	3.510E-07	3.950E-07
64.	0.0	0.0	0.0	0.0	2.506E-17	3.145E-11	8.112E-09	8.810E-08	2.550E-07	4.033E-07	4.861E-07	4.983E-07
65.	0.0	0.0	0.0	0.0	8.570E-18	1.076E-11	2.774E-09	3.013E-08	8.720E-08	1.379E-07	1.662E-07	1.704E-07

TOTAL CONCENTRATION (G/M**3)

3.212E-06 1.092E-06 1.352E-06 9.136E-07 7.578E-07 8.551E-07 5.731E-07 5.566E-07 1.129E-06 1.909E-06 2.265E-06 2.052E-06

* * * R E C E P T O R N U M B E R * * *

	13.	14.	15.	16.	17.	18.	19.	20.
SOURCE	PARTIAL CONCENTRATIONS (G/M**3)							
1.	8.905E-10	8.849E-10	8.739E-10	8.632E-10	8.527E-10	8.476E-10	8.375E-10	8.276E-10
2.	1.904E-09	1.892E-09	1.868E-09	1.845E-09	1.823E-09	1.812E-09	1.791E-09	1.769E-09
3.	1.981E-09	1.968E-09	1.944E-09	1.920E-09	1.897E-09	1.885E-09	1.863E-09	1.841E-09
4.	4.487E-09	4.418E-09	4.364E-09	4.312E-09	4.261E-09	4.235E-09	4.185E-09	4.137E-09
5.	3.530E-09	3.507E-09	3.465E-09	3.423E-09	3.382E-09	3.362E-09	3.322E-09	3.284E-09
6.	5.831E-09	5.794E-09	5.722E-09	5.652E-09	5.583E-09	5.550E-09	5.484E-09	5.419E-09
7.	5.447E-09	5.413E-09	5.346E-09	5.280E-09	5.216E-09	5.185E-09	5.123E-09	5.062E-09
8.	5.203E-09	5.171E-09	5.107E-09	5.044E-09	4.983E-09	4.953E-09	4.894E-09	4.836E-09
9.	5.991E-09	5.953E-09	5.879E-09	5.807E-09	5.736E-09	5.702E-09	5.634E-09	5.568E-09
10.	6.842E-09	6.799E-09	6.715E-09	6.632E-09	6.551E-09	6.513E-09	6.435E-09	6.359E-09
11.	8.405E-09	8.352E-09	8.249E-09	8.147E-09	8.048E-09	8.000E-09	7.905E-09	7.812E-09
12.	7.129E-09	7.084E-09	6.996E-09	6.910E-09	6.826E-09	6.786E-09	6.705E-09	6.625E-09
13.	8.967E-09	8.911E-09	8.800E-09	8.692E-09	8.586E-09	8.535E-09	8.433E-09	8.334E-09
14.	3.717E-09	3.693E-09	3.648E-09	3.603E-09	3.559E-09	3.538E-09	3.496E-09	3.454E-09
15.	3.814E-09	3.790E-09	3.743E-09	3.697E-09	3.652E-09	3.630E-09	3.587E-09	3.544E-09
16.	3.636E-09	3.613E-09	3.568E-09	3.524E-09	3.482E-09	3.461E-09	3.420E-09	3.379E-09
17.	3.474E-09	3.453E-09	3.410E-09	3.368E-09	3.327E-09	3.307E-09	3.268E-09	3.229E-09
18.	6.058E-09	6.020E-09	5.945E-09	5.872E-09	5.801E-09	5.766E-09	5.698E-09	5.630E-09
19.	7.150E-09	7.105E-09	7.017E-09	6.931E-09	6.847E-09	6.806E-09	6.725E-09	6.645E-09
20.	7.063E-09	7.018E-09	6.931E-09	6.846E-09	6.763E-09	6.723E-09	6.642E-09	6.564E-09
21.	6.712E-09	6.669E-09	6.587E-09	6.506E-09	6.427E-09	6.388E-09	6.312E-09	6.238E-09
22.	6.898E-09	6.855E-09	6.770E-09	6.687E-09	6.605E-09	6.566E-09	6.488E-09	6.411E-09
23.	6.668E-09	6.626E-09	6.544E-09	6.464E-09	6.385E-09	6.347E-09	6.271E-09	6.197E-09
24.	6.790E-09	6.747E-09	6.663E-09	6.582E-09	6.501E-09	6.463E-09	6.386E-09	6.310E-09
25.	6.813E-09	6.771E-09	6.687E-09	6.604E-09	6.524E-09	6.485E-09	6.408E-09	6.332E-09
26.	1.082E-09	1.075E-09	1.062E-09	1.048E-09	1.036E-09	1.030E-09	1.017E-09	1.005E-09
27.	6.751E-09	6.708E-09	6.625E-09	6.544E-09	6.464E-09	6.425E-09	6.349E-09	6.274E-09
28.	2.203E-09	2.190E-09	2.162E-09	2.136E-09	2.110E-09	2.097E-09	2.072E-09	2.048E-09
29.	2.317E-09	2.302E-09	2.274E-09	2.246E-09	2.218E-09	2.205E-09	2.179E-09	2.153E-09
30.	2.410E-09	2.395E-09	2.365E-09	2.336E-09	2.307E-09	2.294E-09	2.266E-09	2.240E-09
31.	2.751E-09	2.734E-09	2.700E-09	2.667E-09	2.634E-09	2.619E-09	2.587E-09	2.557E-09
32.	2.390E-09	2.375E-09	2.345E-09	2.316E-09	2.288E-09	2.275E-09	2.247E-09	2.221E-09
33.	3.365E-10	3.344E-10	3.302E-10	3.262E-10	3.222E-10	3.203E-10	3.165E-10	3.127E-10
34.	4.805E-09	4.811E-09	4.837E-09	4.861E-09	4.885E-09	4.8[illegible]09	4.909E-09	4.929E-09
35.	3.388E-09	3.392E-09	3.410E-09	3.427E-09	3.444E-09	3.4[illegible]09	3.461E-09	3.475E-09

36.	4.917E-09	4.923E-09	4.948E-09	4.973E-09	4.998E-09	5.001E-09	5.022E-09	5.043E-09
37.	2.774E-09	2.759E-09	2.737E-09	2.716E-09	2.696E-09	2.681E-09	2.661E-09	2.640E-09
38.	6.449E-11	6.414E-11	6.364E-11	6.314E-11	6.267E-11	6.234E-11	6.186E-11	6.138E-11
39.	2.967E-10	2.950E-10	2.927E-10	2.904E-10	2.883E-10	2.867E-10	2.845E-10	2.824E-10
40.	2.774E-09	2.759E-09	2.737E-09	2.716E-09	2.696E-09	2.681E-09	2.661E-09	2.640E-09
41.	1.567E-09	1.577E-09	1.595E-09	1.613E-09	1.631E-09	1.639E-09	1.656E-09	1.672E-09
42.	1.503E-08	1.506E-08	1.515E-08	1.524E-08	1.533E-08	1.535E-08	1.543E-08	1.550E-08
43.	1.503E-08	1.506E-08	1.515E-08	1.524E-08	1.533E-08	1.535E-08	1.543E-08	1.550E-08
44.	1.913E-08	1.916E-08	1.928E-08	1.940E-08	1.951E-08	1.954E-08	1.964E-08	1.973E-08
45.	2.243E-08	2.247E-08	2.261E-08	2.275E-08	2.288E-08	2.291E-08	2.303E-08	2.314E-08
46.	5.658E-10	5.626E-10	5.595E-10	5.564E-10	5.536E-10	5.505E-10	5.474E-10	5.444E-10
47.	4.009E-10	3.986E-10	3.964E-10	3.942E-10	3.922E-10	3.900E-10	3.879E-10	3.857E-10
48.	2.288E-09	2.273E-09	2.254E-09	2.236E-09	2.219E-09	2.204E-09	2.186E-09	2.169E-09
49.	1.759E-11	1.789E-11	1.832E-11	1.876E-11	1.917E-11	1.946E-11	1.989E-11	2.032E-11
50.	1.759E-11	1.789E-11	1.832E-11	1.876E-11	1.917E-11	1.946E-11	1.989E-11	2.032E-11
51.	1.879E-08	1.900E-08	1.949E-08	1.986E-08	2.017E-08	2.009E-08	2.022E-08	2.028E-08
52.	8.874E-11	8.813E-11	8.744E-11	8.676E-11	8.613E-11	8.556E-11	8.490E-11	8.424E-11
53.	7.393E-10	7.351E-10	7.311E-10	7.270E-10	7.234E-10	7.194E-10	7.153E-10	7.114E-10
54.	1.872E-09	1.861E-09	1.851E-09	1.841E-09	1.832E-09	1.821E-09	1.811E-09	1.801E-09
55.	1.872E-09	1.861E-09	1.851E-09	1.841E-09	1.832E-09	1.821E-09	1.811E-09	1.801E-09
56.	6.106E-08	6.087E-09	1.157E-09	4.175E-10	3.572E-10	4.203E-10	4.718E-10	5.314E-10
57.	5.804E-09	5.804E-09	5.757E-09	5.710E-09	5.666E-09	5.629E-09	5.584E-09	5.539E-09
58.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.	3.024E-09	3.004E-09	2.971E-09	2.939E-09	2.909E-09	2.890E-09	2.860E-09	2.831E-09
60.	3.024E-09	3.004E-09	2.971E-09	2.939E-09	2.909E-09	2.890E-09	2.860E-09	2.831E-09
61.	3.457E-08	3.686E-08	3.984E-08	4.301E-08	4.615E-08	4.903E-08	5.274E-08	5.664E-08
62.	4.017E-07	3.942E-07	3.709E-07	3.484E-07	3.284E-07	3.165E-07	2.993E-07	2.837E-07
63.	3.976E-07	3.902E-07	3.672E-07	3.449E-07	3.251E-07	3.134E-07	2.963E-07	2.809E-07
64.	4.711E-07	4.413E-07	4.004E-07	3.665E-07	3.403E-07	3.249E-07	3.050E-07	2.894E-07
65.	1.611E-07	1.509E-07	1.369E-07	1.253E-07	1.164E-07	1.111E-07	1.046E-07	9.897E-08

TOTAL CONCENTRATION (C/M*3)

1.813E-06 1.700E-06 1.601E-06 1.512E-06 1.439E-06 1.396E-06 1.339E-06 1.288E-06

TECO BR + INTERACTION--DAY 238/73--MAX 24-HR TSP CONC--AAQS *From Hookers & Gannon*

1. 7.0

* * * S O U R C E S * * *

NO	Q (G/SEC)	HP (M)	TS (DEG-K)	VS (M/SEC)	D(M)	VF(M**3/SEC)	R (KM)	S (KM)	
1.	0.58	45.7	347.0	9.1	2.30	0.0	362.900	3082.500	GARDINIER 8-4
2.	1.24	45.7	345.0	8.2	2.40	0.0	362.900	3082.500	GARDINIER 8-5
3	1.29	45.7	346.0	12.4	2.70	0.0	362.900	3082.500	GARDINIER 8-6
4.	2.85	38.4	327.0	10.8	2.40	0.0	362.900	3082.900	GARDINIER 8-7
5.	2.18	26.5	339.0	10.2	0.30	0.0	362.900	3082.900	GARDINIER 8-8
6.	3.62	28.3	309.0	12.8	0.30	0.0	362.900	3082.500	GARDINIER 8-9
7.	3.39	29.0	340.0	29.1	0.60	0.0	362.900	3082.500	GARDINIER 8-10
8.	3.14	21.3	336.0	13.5	0.50	0.0	362.900	3082.500	GARDINIER 8-12
9.	3.62	21.6	337.0	21.6	0.50	0.0	362.900	3082.500	GARDINIER 8-13
10.	4.32	33.5	345.0	12.3	1.20	0.0	362.900	3082.500	GARDINIER 8-14
11.	3.89	1.5	314.0	4.3	0.30	0.0	362.900	3082.500	GARDINIER 8-16
12.	4.23	18.0	307.0	10.2	1.50	0.0	362.900	3082.500	GARDINIER 8-17
13.	4.15	1.5	317.0	4.4	0.50	0.0	362.900	3082.500	GARDINIER 8-18
14.	2.30	27.4	334.0	17.4	1.20	0.0	362.900	3082.500	GARDINIER 8-19
15.	2.36	27.4	333.0	18.8	1.10	0.0	362.900	3082.500	GARDINIER 8-20
16.	2.25	27.4	337.0	20.2	1.10	0.0	362.900	3082.500	GARDINIER 8-22
17.	2.15	27.4	336.0	22.4	1.10	0.0	362.900	3082.500	GARDINIER 8-23
18.	3.57	16.8	327.0	21.8	1.30	0.0	362.900	3082.500	GARDINIER 8-24
19.	4.40	25.9	312.0	25.3	0.30	0.0	362.900	3082.500	GARDINIER 8-25
20.	4.40	29.3	314.0	16.6	0.30	0.0	362.900	3082.500	GARDINIER 8-26
21.	4.23	32.9	326.0	6.6	0.40	0.0	362.900	3082.500	GARDINIER 8-27
22.	4.23	25.0	309.0	4.4	0.40	0.0	362.900	3082.500	GARDINIER 8-28
23.	4.23	35.1	321.0	6.9	0.40	0.0	362.900	3082.500	GARDINIER 8-29
24.	4.23	29.3	329.0	6.4	0.40	0.0	362.900	3082.500	GARDINIER 8-30
25.	4.23	28.3	327.0	8.4	1.20	0.0	362.900	3082.500	GARDINIER 8-31
26.	0.66	23.8	350.0	5.5	1.80	0.0	362.900	3082.500	GARDINIER 8-32
27.	4.05	20.1	336.0	14.9	0.60	0.0	362.900	3082.500	GARDINIER 8-34
28.	1.32	19.8	307.0	15.0	1.20	0.0	362.900	3082.500	GARDINIER 8-35
29.	1.39	20.1	307.0	12.4	1.10	0.0	362.900	3082.500	GARDINIER 8-37
30.	1.45	20.7	307.0	15.3	1.20	0.0	362.900	3082.500	GARDINIER 8-38
31.	1.67	22.6	315.0	14.3	1.10	0.0	362.900	3082.500	GARDINIER 8-40
32.	1.32	8.8	307.0	9.7	1.20	0.0	362.900	3082.500	GARDINIER 8-41
33.	0.20	18.3	312.0	3.7	0.60	0.0	362.900	3082.500	GARDINIER 8-42
34.	3.97	13.1	439.0	9.7	0.30	0.0	360.100	3087.500	IMC 24-01
35.	2.93	20.7	348.0	11.4	2.40	0.0	360.100	3087.500	IMC 24-02
36.	4.08	13.7	307.0	20.3	1.80	0.0	360.100	3087.500	IMC 24-03
37.	2.33	61.0	450.0	21.9	0.30	0.0	363.100	3089.000	NITRAM 29-1
38.	0.05	27.4	308.0	1.9	6.90	0.0	363.100	3089.000	NITRAM 29-3
39.	0.23	27.4	505.0	10.8	1.40	0.0	363.100	3089.000	NITRAM 29-4
40.	2.33	61.0	505.0	10.3	1.40	0.0	363.100	3089.000	NITRAM 29-6
41.	1.98	44.2	505.0	4.9	0.60	0.0	359.500	3087.300	IDEAL BAS 31-1
42.	15.79	93.3	427.0	24.1	3.10	0.0	360.000	3087.500	GANNON 40-1
43.	15.79	93.3	427.0	24.1	3.10	0.0	360.000	3087.500	GANNON 40-2
44.	20.10	93.3	403.0	27.0	3.20	0.0	360.000	3087.500	GANNON 40-3
45.	23.57	93.3	414.0	18.6	2.90	0.0	360.000	3087.500	GANNON 40-4
46.	0.32	7.6	307.0	17.2	0.50	0.0	361.800	3088.300	CHLORIDEM 50-3
47.	0.20	29.9	366.0	12.1	0.60	0.0	361.800	3088.300	CHLORIDEM 50-4
48.	1.27	9.1	307.0	16.0	0.60	0.0	362.400	3087.000	GAF CORP 56-2
49.	0.05	9.1	561.0	5.9	0.60	0.0	358.000	3089.200	SULPHUR T. 82-01
50.	0.05	9.1	622.0	6.2	0.60	0.0	358.000	3089.200	SULPHUR T. 82-2
51.	3.82	8.8	307.0	23.0	0.40	0.0	361.000	3076.200	AGRICO 94-1
52.	0.05	15.2	316.0	3.0	1.20	0.0	362.200	3086.800	HUCO 117-02

53.	0.48	30.2	398.0	22.9	0.60	0.0	361.800	3088.300	CHLORIDE MET 50-1
54.	1.11	12.2	325.0	15.8	0.50	0.0	361.800	3088.300	CHLORIDE MET 50-2
55.	1.11	12.2	325.0	15.6	0.50	0.0	361.800	3088.300	CHLORIDE MET
56.	1.22	9.1	311.0	23.6	1.80	0.0	362.200	3074.800	MIN AGG
57.	3.34	12.2	322.0	14.1	1.20	0.0	362.400	3087.000	GAF CORP
58.	9.38	7.6	436.0	22.7	0.50	0.0	354.000	3062.100	SPEEDLING 171-
59.	1.73	9.1	307.0	0.5	0.60	0.0	362.900	3084.600	SI LIME
60.	1.73	9.1	307.0	0.5	0.60	0.0	362.900	3084.600	SI LIME
61.	173.12	152.0	427.0	13.4	7.90	0.0	367.600	3055.100	FPL MANATEE 1&2
62.	50.86	149.4	422.0	28.6	7.32	0.0	361.600	3075.000	BIG BEND 39-1
63.	50.35	149.4	422.0	28.6	7.32	0.0	361.600	3075.000	BIG BEND 39-2
64.	51.85	149.4	370.0	34.3	7.32	0.0	361.600	3075.000	BIG BEND 39-3
65.	17.73	149.4	370.0	34.3	7.32	0.0	361.600	3075.000	BIG BEND 4

* * * R E C E P T O R S * * *

NO.	RREC(KM)	SRLC(KM)	Z (M)
1.	361.600	3074.900	0.0
2.	361.600	3074.800	0.0
3.	361.600	3074.700	0.0
4.	361.600	3074.600	0.0
5.	361.600	3074.500	0.0
6.	361.600	3074.400	0.0
7.	361.600	3074.300	0.0
8.	361.600	3074.200	0.0
9.	361.600	3074.100	0.0
10.	361.600	3074.000	0.0
11.	361.600	3073.900	0.0
12.	361.600	3073.800	0.0
13.	361.600	3073.700	0.0
14.	361.600	3073.600	0.0
15.	361.600	3073.500	0.0
16.	361.600	3073.400	0.0
17.	361.600	3073.300	0.0
18.	361.600	3073.200	0.0
19.	361.600	3073.100	0.0
20.	361.600	3073.000	0.0

1.	113.	2.6	6	1755.	298.0	0.0
2.	102.	2.1	6	1750.	298.0	0.0
3.	42.	2.1	6	1744.	296.0	0.0
4.	60.	2.6	6	1739.	296.0	0.0
5.	78.	3.1	6	1734.	296.0	0.0
6.	97.	2.6	5	1729.	296.0	0.0
7.	81.	2.6	4	183.	297.0	0.0
8.	114.	4.1	3	398.	299.0	0.0
9.	116.	3.6	2	613.	301.0	0.0
10.	138.	3.6	2	828.	302.0	0.0
11.	106.	3.6	2	1043.	304.0	0.0
12.	95.	3.6	2	1258.	305.0	0.0
13.	148.	3.1	2	1473.	305.0	0.0
14.	2.	2.6	1	1688.	305.0	0.0
15.	68.	3.6	2	1688.	305.0	0.0
16.	136.	4.1	3	1688.	305.0	0.0
17.	314.	3.1	4	1688.	304.0	0.0
18.	106.	5.7	4	1688.	302.0	0.0
19.	156.	2.6	4	1688.	300.0	0.0
20.	125.	2.0	5	1689.	300.0	0.0
21.	101.	4.1	4	1690.	299.0	0.0
22.	44.	2.6	5	1691.	298.0	0.0
23.	60.	2.0	5	1692.	298.0	0.0

24.	70.	1.5	6	1693.	297.0	0.0

AVERAGE CONCENTRATIONS FOR 24 HOURS.

* * * R E C E P T O R N U M B E R * * *

SOURCE	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
	PARTIAL CONCENTRATIONS (G/M**3)											
1.	1.041E-09	1.040E-09	1.039E-09	1.038E-09	1.036E-09	1.034E-09	1.032E-09	1.030E-09	1.027E-09	1.025E-09	1.022E-09	1.019E-09
2.	2.226E-09	2.224E-09	2.221E-09	2.218E-09	2.215E-09	2.211E-09	2.206E-09	2.202E-09	2.197E-09	2.191E-09	2.185E-09	2.179E-09
3.	2.316E-09	2.314E-09	2.311E-09	2.308E-09	2.304E-09	2.300E-09	2.295E-09	2.290E-09	2.285E-09	2.280E-09	2.274E-09	2.267E-09
4.	5.180E-09	5.170E-09	5.160E-09	5.149E-09	5.137E-09	5.124E-09	5.111E-09	5.097E-09	5.083E-09	5.068E-09	5.052E-09	5.036E-09
5.	4.112E-09	4.104E-09	4.096E-09	4.087E-09	4.078E-09	4.068E-09	4.057E-09	4.046E-09	4.035E-09	4.023E-09	4.010E-09	3.998E-09
6.	6.818E-09	6.811E-09	6.803E-09	6.794E-09	6.783E-09	6.771E-09	6.757E-09	6.743E-09	6.727E-09	6.711E-09	6.693E-09	6.675E-09
7.	6.369E-09	6.363E-09	6.356E-09	6.347E-09	6.337E-09	6.325E-09	6.313E-09	6.299E-09	6.285E-09	6.269E-09	6.253E-09	6.236E-09
8.	6.084E-09	6.079E-09	6.071E-09	6.063E-09	6.053E-09	6.042E-09	6.030E-09	6.017E-09	6.004E-09	5.989E-09	5.973E-09	5.957E-09
9.	7.005E-09	6.998E-09	6.990E-09	6.980E-09	6.969E-09	6.956E-09	6.943E-09	6.928E-09	6.912E-09	6.895E-09	6.877E-09	6.858E-09
10.	8.000E-09	7.993E-09	7.983E-09	7.972E-09	7.959E-09	7.945E-09	7.929E-09	7.912E-09	7.894E-09	7.874E-09	7.854E-09	7.833E-09
11.	9.828E-09	9.819E-09	9.807E-09	9.793E-09	9.778E-09	9.760E-09	9.741E-09	9.720E-09	9.697E-09	9.674E-09	9.648E-09	9.622E-09
12.	8.335E-09	8.328E-09	8.318E-09	8.306E-09	8.293E-09	8.278E-09	8.262E-09	8.244E-09	8.225E-09	8.205E-09	8.183E-09	8.161E-09
13.	1.048E-08	1.047E-08	1.046E-08	1.045E-08	1.043E-08	1.041E-08	1.039E-08	1.037E-08	1.035E-08	1.032E-08	1.029E-08	1.027E-08
14.	4.346E-09	4.342E-09	4.337E-09	4.331E-09	4.324E-09	4.316E-09	4.307E-09	4.298E-09	4.288E-09	4.278E-09	4.266E-09	4.255E-09
15.	4.459E-09	4.455E-09	4.450E-09	4.444E-09	4.436E-09	4.428E-09	4.420E-09	4.410E-09	4.400E-09	4.389E-09	4.378E-09	4.366E-09
16.	4.251E-09	4.247E-09	4.242E-09	4.236E-09	4.230E-09	4.222E-09	4.214E-09	4.205E-09	4.195E-09	4.185E-09	4.174E-09	4.162E-09
17.	4.062E-09	4.059E-09	4.054E-09	4.048E-09	4.042E-09	4.034E-09	4.026E-09	4.018E-09	4.008E-09	3.999E-09	3.988E-09	3.977E-09
18.	7.080E-09	7.077E-09	7.069E-09	7.059E-09	7.047E-09	7.035E-09	7.021E-09	7.006E-09	6.990E-09	6.972E-09	6.954E-09	6.935E-09
19.	8.361E-09	8.353E-09	8.343E-09	8.331E-09	8.318E-09	8.303E-09	8.287E-09	8.269E-09	8.250E-09	8.229E-09	8.208E-09	8.186E-09
20.	8.258E-09	8.250E-09	8.241E-09	8.229E-09	8.216E-09	8.201E-09	8.185E-09	8.167E-09	8.149E-09	8.128E-09	8.107E-09	8.085E-09
21.	7.848E-09	7.840E-09	7.831E-09	7.820E-09	7.808E-09	7.794E-09	7.778E-09	7.761E-09	7.743E-09	7.724E-09	7.704E-09	7.683E-09
22.	8.066E-09	8.059E-09	8.049E-09	8.038E-09	8.025E-09	8.010E-09	7.995E-09	7.977E-09	7.959E-09	7.939E-09	7.919E-09	7.897E-09
23.	7.797E-09	7.790E-09	7.780E-09	7.770E-09	7.757E-09	7.743E-09	7.728E-09	7.711E-09	7.694E-09	7.675E-09	7.655E-09	7.634E-09
24.	7.939E-09	7.932E-09	7.922E-09	7.911E-09	7.899E-09	7.884E-09	7.869E-09	7.852E-09	7.834E-09	7.814E-09	7.794E-09	7.773E-09
25.	7.967E-09	7.959E-09	7.950E-09	7.939E-09	7.926E-09	7.912E-09	7.896E-09	7.879E-09	7.861E-09	7.842E-09	7.821E-09	7.800E-09
26.	1.265E-09	1.264E-09	1.262E-09	1.260E-09	1.258E-09	1.256E-09	1.254E-09	1.251E-09	1.248E-09	1.245E-09	1.242E-09	1.238E-09
27.	7.893E-09	7.886E-09	7.876E-09	7.866E-09	7.853E-09	7.839E-09	7.823E-09	7.806E-09	7.788E-09	7.769E-09	7.749E-09	7.728E-09
28.	2.576E-09	2.574E-09	2.571E-09	2.567E-09	2.563E-09	2.559E-09	2.554E-09	2.548E-09	2.542E-09	2.536E-09	2.529E-09	2.522E-09
29.	2.709E-09	2.706E-09	2.703E-09	2.700E-09	2.695E-09	2.690E-09	2.685E-09	2.679E-09	2.673E-09	2.666E-09	2.660E-09	2.652E-09
30.	2.818E-09	2.815E-09	2.812E-09	2.808E-09	2.803E-09	2.798E-09	2.793E-09	2.787E-09	2.780E-09	2.773E-09	2.766E-09	2.759E-09
31.	3.217E-09	3.214E-09	3.210E-09	3.206E-09	3.200E-09	3.195E-09	3.188E-09	3.181E-09	3.174E-09	3.166E-09	3.158E-09	3.149E-09
32.	2.794E-09	2.791E-09	2.788E-09	2.784E-09	2.780E-09	2.775E-09	2.769E-09	2.763E-09	2.757E-09	2.750E-09	2.743E-09	2.736E-09
33.	3.935E-10	3.931E-10	3.926E-10	3.921E-10	3.915E-10	3.907E-10	3.900E-10	3.891E-10	3.882E-10	3.873E-10	3.863E-10	3.852E-10
34.	4.412E-09	4.406E-09	4.399E-09	4.392E-09	4.385E-09	4.376E-09	4.371E-09	4.363E-09	4.355E-09	4.348E-09	4.340E-09	4.332E-09
35.	3.111E-09	3.106E-09	3.101E-09	3.097E-09	3.092E-09	3.087E-09	3.081E-09	3.076E-09	3.071E-09	3.065E-09	3.060E-09	3.054E-09
36.	4.514E-09	4.507E-09	4.501E-09	4.494E-09	4.487E-09	4.479E-09	4.472E-09	4.464E-09	4.456E-09	4.448E-09	4.440E-09	4.432E-09
37.	3.052E-09	3.040E-09	3.029E-09	3.018E-09	3.006E-09	2.995E-09	2.984E-09	2.973E-09	2.962E-09	2.950E-09	2.939E-09	2.928E-09
38.	7.095E-11	7.068E-11	7.042E-11	7.015E-11	6.989E-11	6.963E-11	6.937E-11	6.911E-11	6.885E-11	6.859E-11	6.833E-11	6.807E-11
39.	3.264E-10	3.251E-10	3.239E-10	3.227E-10	3.215E-10	3.203E-10	3.191E-10	3.179E-10	3.167E-10	3.155E-10	3.143E-10	3.131E-10
40.	3.052E-09	3.040E-09	3.029E-09	3.018E-09	3.006E-09	2.995E-09	2.984E-09	2.973E-09	2.962E-09	2.950E-09	2.939E-09	2.928E-09
41.	1.316E-09	1.320E-09	1.325E-09	1.329E-09	1.333E-09	1.337E-09	1.340E-09	1.344E-09	1.347E-09	1.350E-09	1.353E-09	1.356E-09
42.	1.362E-08	1.361E-08	1.360E-08	1.359E-08	1.357E-08	1.356E-08	1.354E-08	1.353E-08	1.351E-08	1.350E-08	1.348E-08	1.346E-08
43.	1.362E-08	1.361E-08	1.360E-08	1.359E-08	1.357E-08	1.356E-08	1.354E-08	1.353E-08	1.351E-08	1.350E-08	1.348E-08	1.346E-08
44.	1.734E-08	1.732E-08	1.731E-08	1.729E-08	1.728E-08	1.726E-08	1.724E-08	1.722E-08	1.720E-08	1.718E-08	1.716E-08	1.714E-08
45.	2.033E-08	2.032E-08	2.030E-08	2.028E-08	2.026E-08	2.024E-08	2.022E-08	2.019E-08	2.017E-08	2.015E-08	2.012E-08	2.009E-08
46.	6.028E-10	5.989E-10	5.951E-10	5.914E-10	5.877E-10	5.840E-10	5.804E-10	5.769E-10	5.734E-10	5.699E-10	5.665E-10	5.631E-10
47.	4.271E-10	4.243E-10	4.216E-10	4.190E-10	4.164E-10	4.138E-10	4.112E-10	4.087E-10	4.062E-10	4.038E-10	4.014E-10	3.990E-10
48.	2.526E-09	2.511E-09	2.495E-09	2.480E-09	2.464E-09	2.449E-09	2.434E-09	2.420E-09	2.405E-09	2.391E-09	2.377E-09	2.363E-09
49.	1.259E-11	1.277E-11	1.294E-11	1.311E-11	1.329E-11	1.346E-11	1.362E-11	1.379E-11	1.395E-11	1.411E-11	1.427E-11	1.443E-11
50.	1.259E-11	1.277E-11	1.294E-11	1.311E-11	1.329E-11	1.346E-11	1.362E-11	1.379E-11	1.395E-11	1.411E-11	1.427E-11	1.443E-11
51.	4.339E-09	4.945E-09	5.412E-09	5.818E-09	6.253E-09	6.760E-09	7.323E-09	7.903E-09	8.456E-09	8.961E-09	9.411E-09	9.804E-09
52.	9.706E-11	9.679E-11	9.614E-11	9.550E-11	9.486E-11	9.424E-11	9.362E-11	9.301E-11	9.241E-11	9.181E-11	9.123E-11	9.065E-11

53.	7.876E-10	7.826E-10	7.776E-10	7.728E-10	7.679E-10	7.631E-10	7.585E-10	7.538E-10	7.492E-10	7.447E-10	7.403E-10	7.359E-10
54.	1.994E-09	1.981E-09	1.969E-09	1.957E-09	1.944E-09	1.932E-09	1.920E-09	1.909E-09	1.897E-09	1.886E-09	1.874E-09	1.863E-09
55.	1.994E-09	1.981E-09	1.969E-09	1.957E-09	1.944E-09	1.932E-09	1.920E-09	1.909E-09	1.897E-09	1.886E-09	1.874E-09	1.863E-09
56.	3.101E-06	8.512E-07	1.019E-06	6.160E-07	5.380E-07	2.866E-07	8.307E-08	2.983E-07	2.276E-07	2.454E-08	1.920E-09	1.775E-09
57.	6.452E-09	6.412E-09	6.372E-09	6.333E-09	6.294E-09	6.255E-09	6.217E-09	6.180E-09	6.143E-09	6.106E-09	6.070E-09	6.034E-09
58.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.	3.457E-09	3.444E-09	3.431E-09	3.418E-09	3.404E-09	3.391E-09	3.377E-09	3.364E-09	3.350E-09	3.336E-09	3.322E-09	3.308E-09
60.	3.457E-09	3.444E-09	3.431E-09	3.418E-09	3.404E-09	3.391E-09	3.377E-09	3.364E-09	3.350E-09	3.336E-09	3.322E-09	3.308E-09
61.	1.301E-08	1.372E-08	1.447E-08	1.526E-08	1.610E-08	1.698E-08	1.790E-08	1.888E-08	1.990E-08	2.098E-08	2.212E-08	2.330E-08
62.	0.0	0.0	0.0	0.0	3.708E-20	1.597E-12	1.738E-09	3.878E-08	1.661E-07	3.318E-07	4.521E-07	5.044E-07
63.	0.0	0.0	0.0	0.0	3.671E-20	1.581E-12	1.721E-09	3.840E-08	1.644E-07	3.285E-07	4.476E-07	4.993E-07
64.	0.0	0.0	0.0	0.0	1.044E-16	6.336E-11	1.194E-08	1.169E-07	3.271E-07	5.156E-07	6.107E-07	6.242E-07
65.	0.0	0.0	0.0	0.0	3.570E-17	2.167E-11	4.084E-09	3.996E-08	1.119E-07	1.763E-07	2.088E-07	2.134E-07

TOTAL CONCENTRATION (G/M**3)

3.407E-06 1.158E-06 1.327E-06 9.243E-07 8.470E-07 5.966E-07 4.133E-07 8.440E-07 1.310E-06 1.690E-06 2.036E-06 2.158E-06

* * * R E C E P T O R N U M B E R * * *

SOURCE	13.	14.	15.	16.	17.	18.	19.	20.
	PARTIAL CONCENTRATIONS (G/M**3)							
1.	1.017E-09	1.014E-09	1.010E-09	1.007E-09	1.004E-09	1.000E-09	9.970E-10	9.935E-10
2.	2.173E-09	2.167E-09	2.160E-09	2.153E-09	2.146E-09	2.139E-09	2.132E-09	2.124E-09
3.	2.261E-09	2.254E-09	2.247E-09	2.240E-09	2.233E-09	2.225E-09	2.217E-09	2.210E-09
4.	5.019E-09	5.002E-09	4.985E-09	4.967E-09	4.950E-09	4.931E-09	4.913E-09	4.894E-09
5.	3.984E-09	3.971E-09	3.957E-09	3.943E-09	3.929E-09	3.915E-09	3.900E-09	3.885E-09
6.	6.656E-09	6.636E-09	6.616E-09	6.595E-09	6.573E-09	6.551E-09	6.528E-09	6.505E-09
7.	6.218E-09	6.199E-09	6.180E-09	6.161E-09	6.140E-09	6.120E-09	6.098E-09	6.077E-09
8.	5.940E-09	5.922E-09	5.904E-09	5.885E-09	5.866E-09	5.846E-09	5.826E-09	5.805E-09
9.	6.838E-09	6.818E-09	6.797E-09	6.775E-09	6.753E-09	6.730E-09	6.707E-09	6.683E-09
10.	7.810E-09	7.787E-09	7.763E-09	7.738E-09	7.713E-09	7.687E-09	7.660E-09	7.633E-09
11.	9.594E-09	9.566E-09	9.536E-09	9.506E-09	9.475E-09	9.443E-09	9.410E-09	9.377E-09
12.	8.138E-09	8.113E-09	8.088E-09	8.063E-09	8.036E-09	8.009E-09	7.981E-09	7.953E-09
13.	1.024E-08	1.021E-08	1.017E-08	1.014E-08	1.011E-08	1.007E-08	1.004E-08	1.000E-08
14.	4.243E-09	4.230E-09	4.217E-09	4.203E-09	4.190E-09	4.176E-09	4.161E-09	4.146E-09
15.	4.353E-09	4.340E-09	4.327E-09	4.313E-09	4.299E-09	4.285E-09	4.270E-09	4.255E-09
16.	4.150E-09	4.138E-09	4.125E-09	4.112E-09	4.099E-09	4.085E-09	4.071E-09	4.056E-09
17.	3.966E-09	3.954E-09	3.942E-09	3.929E-09	3.916E-09	3.903E-09	3.890E-09	3.876E-09
18.	6.915E-09	6.895E-09	6.874E-09	6.852E-09	6.829E-09	6.806E-09	6.783E-09	6.759E-09
19.	8.162E-09	8.138E-09	8.113E-09	8.087E-09	8.060E-09	8.033E-09	8.005E-09	7.977E-09
20.	8.062E-09	8.038E-09	8.013E-09	7.988E-09	7.962E-09	7.935E-09	7.907E-09	7.879E-09
21.	7.661E-09	7.639E-09	7.615E-09	7.591E-09	7.566E-09	7.540E-09	7.514E-09	7.488E-09
22.	7.875E-09	7.851E-09	7.827E-09	7.802E-09	7.776E-09	7.750E-09	7.723E-09	7.696E-09
23.	7.612E-09	7.589E-09	7.566E-09	7.542E-09	7.517E-09	7.492E-09	7.466E-09	7.439E-09
24.	7.751E-09	7.728E-09	7.704E-09	7.679E-09	7.654E-09	7.628E-09	7.602E-09	7.575E-09
25.	7.778E-09	7.754E-09	7.730E-09	7.706E-09	7.681E-09	7.655E-09	7.628E-09	7.601E-09
26.	1.235E-09	1.231E-09	1.227E-09	1.223E-09	1.219E-09	1.215E-09	1.211E-09	1.207E-09
27.	7.706E-09	7.683E-09	7.659E-09	7.635E-09	7.610E-09	7.584E-09	7.558E-09	7.531E-09
28.	2.515E-09	2.508E-09	2.500E-09	2.492E-09	2.484E-09	2.476E-09	2.467E-09	2.458E-09
29.	2.645E-09	2.637E-09	2.629E-09	2.620E-09	2.612E-09	2.603E-09	2.594E-09	2.585E-09
30.	2.751E-09	2.743E-09	2.734E-09	2.725E-09	2.716E-09	2.707E-09	2.698E-09	2.688E-09
31.	3.140E-09	3.131E-09	3.121E-09	3.111E-09	3.101E-09	3.091E-09	3.080E-09	3.069E-09
32.	2.728E-09	2.720E-09	2.711E-09	2.703E-09	2.694E-09	2.685E-09	2.675E-09	2.666E-09
33.	3.841E-10	3.830E-10	3.818E-10	3.806E-10	3.793E-10	3.[illegible]-10	3.767E-10	3.754E-10
34.	4.323E-09	4.315E-09	4.306E-09	4.298E-09	4.289E-09	4.[illegible]-09	4.271E-09	4.262E-09
35.	3.048E-09	3.042E-09	3.036E-09	3.030E-09	3.024E-09	3.018E-09	3.011E-09	3.005E-09

36.	4.423E-09	4.415E-09	4.406E-09	4.397E-09	4.388E-09	4.379E-09	4.370E-09	4.361E-09
37.	2.917E-09	2.906E-09	2.895E-09	2.884E-09	2.874E-09	2.863E-09	2.852E-09	2.841E-09
38.	6.782E-11	6.756E-11	6.731E-11	6.706E-11	6.680E-11	6.655E-11	6.630E-11	6.606E-11
39.	3.120E-10	3.108E-10	3.096E-10	3.085E-10	3.073E-10	3.061E-10	3.050E-10	3.039E-10
40.	2.917E-09	2.906E-09	2.895E-09	2.884E-09	2.874E-09	2.863E-09	2.852E-09	2.841E-09
41.	1.359E-09	1.361E-09	1.364E-09	1.366E-09	1.368E-09	1.370E-09	1.372E-09	1.374E-09
42.	1.344E-08	1.342E-08	1.340E-08	1.338E-08	1.336E-08	1.334E-08	1.332E-08	1.330E-08
43.	1.344E-08	1.342E-08	1.340E-08	1.338E-08	1.336E-08	1.334E-08	1.332E-08	1.330E-08
44.	1.711E-08	1.709E-08	1.706E-08	1.704E-08	1.701E-08	1.698E-08	1.696E-08	1.693E-08
45.	2.007E-08	2.004E-08	2.001E-08	1.998E-08	1.995E-08	1.992E-08	1.988E-08	1.985E-08
46.	5.598E-10	5.565E-10	5.533E-10	5.501E-10	5.469E-10	5.438E-10	5.407E-10	5.377E-10
47.	3.966E-10	3.943E-10	3.920E-10	3.897E-10	3.875E-10	3.853E-10	3.831E-10	3.810E-10
48.	2.349E-09	2.335E-09	2.322E-09	2.308E-09	2.295E-09	2.282E-09	2.269E-09	2.256E-09
49.	1.459E-11	1.474E-11	1.490E-11	1.505E-11	1.520E-11	1.535E-11	1.549E-11	1.564E-11
50.	1.459E-11	1.474E-11	1.490E-11	1.505E-11	1.520E-11	1.535E-11	1.549E-11	1.564E-11
51.	1.015E-08	1.044E-08	1.069E-08	1.090E-08	1.108E-08	1.122E-08	1.134E-08	1.143E-08
52.	9.008E-11	8.952E-11	8.896E-11	8.841E-11	8.787E-11	8.734E-11	8.681E-11	8.629E-11
53.	7.315E-10	7.272E-10	7.230E-10	7.188E-10	7.147E-10	7.106E-10	7.066E-10	7.026E-10
54.	1.852E-09	1.841E-09	1.831E-09	1.820E-09	1.810E-09	1.799E-09	1.789E-09	1.779E-09
55.	1.852E-09	1.841E-09	1.831E-09	1.820E-09	1.810E-09	1.799E-09	1.789E-09	1.779E-09
56.	2.361E-09	2.851E-09	3.206E-09	3.435E-09	3.586E-09	3.724E-09	3.895E-09	4.107E-09
57.	5.999E-09	5.964E-09	5.929E-09	5.895E-09	5.861E-09	5.823E-09	5.795E-09	5.762E-09
58.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.	3.294E-09	3.280E-09	3.266E-09	3.252E-09	3.238E-09	3.224E-09	3.210E-09	3.196E-09
60.	3.294E-09	3.280E-09	3.266E-09	3.252E-09	3.238E-09	3.224E-09	3.210E-09	3.196E-09
61.	2.455E-08	2.586E-08	2.723E-08	2.867E-08	3.017E-08	3.175E-08	3.339E-08	3.512E-08
62.	5.081E-07	4.894E-07	4.649E-07	4.410E-07	4.190E-07	3.989E-07	3.806E-07	3.638E-07
63.	5.030E-07	4.845E-07	4.603E-07	4.366E-07	4.148E-07	3.949E-07	3.767E-07	3.602E-07
64.	5.922E-07	5.453E-07	5.003E-07	4.629E-07	4.331E-07	4.089E-07	3.887E-07	3.711E-07
65.	2.025E-07	1.865E-07	1.711E-07	1.583E-07	1.481E-07	1.398E-07	1.329E-07	1.269E-07

TOTAL CONCENTRATION (G/M**3)

2.124E-06 2.025E-06 1.918E-06 1.821E-06 1.738E-06 1.666E-06 1.604E-06 1.548E-06

TECO BO + INTERACTION--DAY 226/74--MAX 24-HR TSP CONC--AAQS FFtL Manatee

1. 720

* * * S O U R C E S * * *

NO	Q (G/SEC)	HP (M)	TS (DEG-K)	VS (M/SEC)	D(M)	VF(M**3/SEC)	R (KM)	S (KM)	
1.	0.58	45.7	347.0	9.1	2.30	0.0	362.900	3082.500	GARDINIER 8-4
2.	1.24	45.7	345.0	8.2	2.40	0.0	362.900	3082.500	GARDINIER 8-5
3.	1.29	45.7	346.0	12.4	2.70	0.0	362.900	3082.500	GARDINIER 8-6
4.	2.85	38.4	327.0	10.8	2.40	0.0	362.900	3082.900	GARDINIER 8-7
5.	2.18	26.5	339.0	10.2	0.30	0.0	362.900	3082.900	GARDINIER 8-8
6.	3.62	28.3	309.0	12.8	0.30	0.0	362.900	3082.500	GARDINIER 8-9
7.	3.39	29.0	340.0	29.1	0.60	0.0	362.900	3082.500	GARDINIER 8-10
8.	3.14	21.3	336.0	13.5	0.50	0.0	362.900	3082.500	GARDINIER 8-12
9.	3.62	21.6	337.0	21.6	0.50	0.0	362.900	3082.500	GARDINIER 8-13
10.	4.32	33.5	345.0	12.3	1.20	0.0	362.900	3082.500	GARDINIER 8-14
11.	3.89	1.5	314.0	4.3	0.30	0.0	362.900	3082.500	GARDINIER 8-16
12.	4.23	18.0	307.0	10.2	1.50	0.0	362.900	3082.500	GARDINIER 8-17
13.	4.15	1.5	317.0	4.4	0.50	0.0	362.900	3082.500	GARDINIER 8-18
14.	2.30	27.4	334.0	17.4	1.20	0.0	362.900	3082.500	GARDINIER 8-19
15.	2.36	27.4	333.0	18.8	1.10	0.0	362.900	3082.500	GARDINIER 8-20
16.	2.25	27.4	337.0	20.2	1.10	0.0	362.900	3082.500	GARDINIER 8-22
17.	2.15	27.4	336.0	22.4	1.10	0.0	362.900	3082.500	GARDINIER 8-23
18.	3.57	16.8	327.0	21.8	1.30	0.0	362.900	3082.500	GARDINIER 8-24
19.	4.40	25.9	312.0	25.3	0.30	0.0	362.900	3082.500	GARDINIER 8-25
20.	4.40	29.3	314.0	16.6	0.30	0.0	362.900	3082.500	GARDINIER 8-26
21.	4.23	32.9	326.0	6.6	0.40	0.0	362.900	3082.500	GARDINIER 8-27
22.	4.23	25.0	309.0	4.4	0.40	0.0	362.900	3082.500	GARDINIER 8-28
23.	4.23	35.1	321.0	6.9	0.40	0.0	362.900	3082.500	GARDINIER 8-29
24.	4.23	29.3	329.0	6.4	0.40	0.0	362.900	3082.500	GARDINIER 8-30
25.	4.23	28.3	327.0	8.4	1.20	0.0	362.900	3082.500	GARDINIER 8-31
26.	0.66	23.8	350.0	5.5	1.80	0.0	362.900	3082.500	GARDINIER 8-32
27.	4.05	20.1	336.0	14.9	0.60	0.0	362.900	3082.500	GARDINIER 8-34
28.	1.32	19.8	307.0	15.0	1.20	0.0	362.900	3082.500	GARDINIER 8-35
29.	1.39	20.1	307.0	12.4	1.10	0.0	362.900	3082.500	GARDINIER 8-37
30.	1.45	20.7	307.0	15.3	1.20	0.0	362.900	3082.500	GARDINIER 8-38
31.	1.67	22.6	315.0	14.3	1.10	0.0	362.900	3082.500	GARDINIER 8-40
32.	1.32	8.8	307.0	9.7	1.20	0.0	362.900	3082.500	GARDINIER 8-41
33.	0.20	18.3	312.0	3.7	0.60	0.0	362.900	3082.500	GARDINIER 8-42
34.	3.97	13.1	439.0	9.7	0.30	0.0	360.100	3087.500	IMC 24-01
35.	2.93	20.7	348.0	11.4	2.40	0.0	360.100	3087.500	IMC 24-02
36.	4.08	13.7	307.0	20.3	1.80	0.0	360.100	3087.500	IMC 24-03
37.	2.33	61.0	450.0	21.9	0.30	0.0	363.100	3089.000	NITRAM 29-1
38.	0.05	27.4	308.0	1.9	6.90	0.0	363.100	3089.000	NITRAM 29-3
39.	0.23	27.4	505.0	10.8	1.40	0.0	363.100	3089.000	NITRAM 29-4
40.	2.33	61.0	505.0	10.3	1.40	0.0	363.100	3089.000	NITRAM 29-6
41.	1.98	44.2	505.0	4.9	0.60	0.0	359.500	3087.300	IDEAL BAS 31-1
42.	15.79	93.3	427.0	24.1	3.10	0.0	360.000	3087.500	GANNON 40-1
43.	15.79	93.3	427.0	24.1	3.10	0.0	360.000	3087.500	GANNON 40-2
44.	20.10	93.3	403.0	27.0	3.20	0.0	360.000	3087.500	GANNON 40-3
45.	23.57	93.3	414.0	18.6	2.90	0.0	360.000	3087.500	GANNON 40-4
46.	0.32	7.6	307.0	17.2	0.50	0.0	361.800	3088.300	CHLORIDEM 50-3
47.	0.26	29.9	366.0	12.1	0.60	0.0	361.800	3088.300	CHLORIDEM 50-4
48.	1.27	9.1	307.0	16.0	0.60	0.0	362.400	3087.000	GAF CORP 56-2
49.	0.05	9.1	561.0	5.9	0.60	0.0	358.000	3089.200	SULPHUR T. 82-01
50.	0.05	9.1	622.0	6.2	0.60	0.0	358.000	3089.200	SULPHUR T. 82-2
51.	3.82	8.8	307.0	23.0	0.40	0.0	361.000	3076.200	AGRICO 94-1
52.	0.05	15.2	316.0	3.0	1.20	0.0	362.200	3086.800	HUCC 117-02

53.	0.48	30.2	398.0	22.9	0.60	0.0	361.800	3088.300	CHLORIDE MET 50-1
54.	1.11	12.2	325.0	15.8	0.50	0.0	361.800	3088.300	CHLORIDE MET 50-2
55.	1.11	12.2	325.0	15.6	0.50	0.0	361.800	3088.300	CHLORIDE MET
56.	1.22	9.1	311.0	23.6	1.80	0.0	362.200	3074.800	MIN AGG
57.	3.34	12.2	322.0	14.1	1.20	0.0	362.400	3087.000	GAF CORP
58.	9.38	7.6	436.0	22.7	0.50	0.0	354.000	3062.100	SPEEDLING 171-
59.	1.73	9.1	307.0	0.5	0.60	0.0	362.900	3084.600	SI LIME
60.	1.73	9.1	307.0	0.5	0.60	0.0	362.900	3084.600	SI LIME
61.	173.12	152.0	427.0	13.4	7.90	0.0	367.600	3055.100	FPL MANATEE 1&2
62.	50.80	149.4	422.0	28.6	7.32	0.0	361.600	3075.000	BIG BEND 39-1
63.	50.35	149.4	422.0	28.6	7.32	0.0	361.600	3075.000	BIG BEND 39-2
64.	51.85	149.4	370.0	34.3	7.32	0.0	361.600	3075.000	BIG BEND 39-3
65.	17.73	149.4	370.0	34.3	7.32	0.0	361.600	3075.000	BIG BEND 4

* * * R E C E P T O R S * * *

NO.	RREC(KM)	SREC(KM)	Z (M)
1.	361.570	3075.090	0.0
2.	361.530	3075.190	0.0
3.	361.500	3075.280	0.0
4.	361.460	3075.380	0.0
5.	361.430	3075.470	0.0
6.	361.390	3075.560	0.0
7.	361.360	3075.660	0.0
8.	361.330	3075.750	0.0
9.	361.290	3075.850	0.0
10.	361.260	3075.940	0.0
11.	361.220	3076.030	0.0
12.	361.190	3076.130	0.0
13.	361.160	3076.220	0.0
14.	361.120	3076.320	0.0
15.	361.090	3076.410	0.0
16.	361.050	3076.500	0.0
17.	361.020	3076.600	0.0
18.	360.980	3076.690	0.0
19.	360.950	3076.790	0.0
20.	360.920	3076.880	0.0

1.	121.	3.6	5	1266.	298.0	0.0
2.	105.	2.6	6	1293.	298.0	0.0
3.	76.	2.6	6	1320.	296.0	0.0
4.	128.	2.1	6	1347.	296.0	0.0
5.	96.	2.1	6	1375.	296.0	0.0
6.	56.	2.1	6	1402.	296.0	0.0
7.	60.	2.1	5	193.	296.0	0.0
8.	112.	4.1	4	397.	299.0	0.0
9.	144.	2.6	3	601.	301.0	0.0
10.	143.	3.6	2	804.	303.0	0.0
11.	155.	1.5	1	1008.	303.0	0.0
12.	230.	4.1	2	1212.	304.0	0.0
13.	198.	2.6	3	1415.	303.0	0.0
14.	248.	2.1	2	1619.	304.0	0.0
15.	252.	3.1	2	1619.	305.0	0.0
16.	267.	3.1	3	1619.	305.0	0.0
17.	317.	1.5	2	1619.	305.0	0.0
18.	85.	2.6	3	1619.	305.0	0.0
19.	56.	3.1	4	1619.	303.0	0.0
20.	62.	1.0	5	1614.	301.0	0.0
21.	3.	4.1	5	1608.	300.0	0.0
22.	48.	2.1	6	1602.	300.0	0.0
23.	103.	3.6	5	1596.	300.0	0.0

24.	125.	4.6	5	1590.	300.0	0.0

AVERAGE CONCENTRATIONS FOR 24 HOURS.

* * * R E C E P T O R N U M B E R * * *

SOURCE	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
	PARTIAL CONCENTRATIONS (G/M**3)											
1.	2.723E-10	1.569E-10	9.783E-11	5.158E-11	2.979E-11	1.456E-11	7.551E-12	3.832E-12	1.545E-12	7.072E-13	2.592E-13	1.014E-13
2.	5.891E-10	3.395E-10	2.117E-10	1.116E-10	6.448E-11	3.153E-11	1.635E-11	8.300E-12	3.346E-12	1.532E-12	5.617E-13	2.197E-13
3.	5.210E-10	2.996E-10	1.865E-10	9.811E-11	5.655E-11	2.759E-11	1.427E-11	7.229E-12	2.907E-12	1.328E-12	4.855E-13	1.893E-13
4.	2.817E-09	1.742E-09	1.155E-09	6.613E-10	4.106E-10	2.201E-10	1.248E-10	6.938E-11	3.157E-11	1.608E-11	6.747E-12	3.012E-12
5.	3.592E-09	2.232E-09	1.487E-09	8.560E-10	5.341E-10	2.878E-10	1.640E-10	9.171E-11	4.198E-11	2.151E-11	9.074E-12	4.078E-12
6.	3.532E-09	2.052E-09	1.289E-09	6.850E-10	3.987E-10	1.964E-10	1.028E-10	5.260E-11	2.140E-11	9.884E-12	3.656E-12	1.444E-12
7.	2.839E-09	1.646E-09	1.032E-09	5.475E-10	3.180E-10	1.564E-10	8.164E-11	4.169E-11	1.693E-11	7.800E-12	2.879E-12	1.134E-12
8.	3.303E-09	1.918E-09	1.205E-09	6.404E-10	3.726E-10	1.836E-10	9.604E-11	4.914E-11	1.999E-11	9.232E-12	3.414E-12	1.348E-12
9.	3.704E-09	2.150E-09	1.350E-09	7.172E-10	4.172E-10	2.055E-10	1.075E-10	5.497E-11	2.236E-11	1.032E-11	3.815E-12	1.506E-12
10.	3.108E-09	1.799E-09	1.126E-09	5.967E-10	3.461E-10	1.700E-10	8.857E-11	4.517E-11	1.830E-11	8.421E-12	3.103E-12	1.220E-12
11.	1.036E-08	6.025E-09	3.790E-09	2.018E-09	1.176E-09	5.807E-10	3.044E-10	1.560E-10	6.362E-11	2.943E-11	1.091E-11	4.318E-12
12.	4.719E-09	2.741E-09	1.721E-09	9.151E-10	5.325E-10	2.624E-10	1.373E-10	7.025E-11	2.859E-11	1.320E-11	4.883E-12	1.929E-12
13.	1.096E-08	6.377E-09	4.011E-09	2.136E-09	1.245E-09	6.143E-10	3.220E-10	1.650E-10	6.728E-11	3.112E-11	1.153E-11	4.565E-12
14.	1.862E-09	1.078E-09	6.757E-10	3.582E-10	2.079E-10	1.022E-10	5.331E-11	2.721E-11	1.104E-11	5.081E-12	1.874E-12	7.377E-13
15.	1.936E-09	1.121E-09	7.027E-10	3.726E-10	2.163E-10	1.063E-10	5.548E-11	2.832E-11	1.149E-11	5.292E-12	1.952E-12	7.686E-13
16.	1.811E-09	1.049E-09	6.572E-10	3.484E-10	2.022E-10	9.938E-11	5.183E-11	2.645E-11	1.073E-11	4.939E-12	1.821E-12	7.170E-13
17.	1.715E-09	9.932E-10	6.222E-10	3.298E-10	1.914E-10	9.405E-11	4.905E-11	2.502E-11	1.015E-11	4.672E-12	1.722E-12	6.779E-13
18.	3.634E-09	2.107E-09	1.322E-09	7.014E-10	4.076E-10	2.005E-10	1.047E-10	5.351E-11	2.174E-11	1.002E-11	3.700E-12	1.459E-12
19.	4.405E-09	2.558E-09	1.607E-09	8.541E-10	4.970E-10	2.449E-10	1.281E-10	6.558E-11	2.668E-11	1.232E-11	4.558E-12	1.801E-12
20.	4.163E-09	2.417E-09	1.518E-09	8.066E-10	4.693E-10	2.312E-10	1.209E-10	6.186E-11	2.516E-11	1.162E-11	4.295E-12	1.696E-12
21.	3.731E-09	2.165E-09	1.359E-09	7.218E-10	4.198E-10	2.067E-10	1.080E-10	5.525E-11	2.246E-11	1.036E-11	3.830E-12	1.512E-12
22.	4.413E-09	2.564E-09	1.611E-09	8.568E-10	4.988E-10	2.459E-10	1.287E-10	6.590E-11	2.683E-11	1.239E-11	4.587E-12	1.813E-12
23.	3.602E-09	2.090E-09	1.312E-09	6.966E-10	4.050E-10	1.994E-10	1.042E-10	5.327E-11	2.165E-11	9.988E-12	3.690E-12	1.456E-12
24.	3.973E-09	2.307E-09	1.448E-09	7.697E-10	4.478E-10	2.206E-10	1.153E-10	5.901E-11	2.400E-11	1.108E-11	4.096E-12	1.617E-12
25.	3.651E-09	2.117E-09	1.327E-09	7.045E-10	4.093E-10	2.014E-10	1.052E-10	5.372E-11	2.182E-11	1.006E-11	3.713E-12	1.464E-12
26.	5.784E-10	3.352E-10	2.101E-10	1.115E-10	6.472E-11	3.183E-11	1.661E-11	8.481E-12	3.442E-12	1.586E-12	5.852E-13	2.305E-13
27.	4.288E-09	2.490E-09	1.563E-09	8.309E-10	4.834E-10	2.382E-10	1.246E-10	6.373E-11	2.592E-11	1.197E-11	4.425E-12	1.748E-12
28.	1.417E-09	8.228E-10	5.167E-10	2.746E-10	1.598E-10	7.874E-11	4.119E-11	2.107E-11	8.574E-12	3.959E-12	1.464E-12	5.782E-13
29.	1.504E-09	8.734E-10	5.486E-10	2.916E-10	1.697E-10	8.363E-11	4.376E-11	2.239E-11	9.112E-12	4.208E-12	1.556E-12	6.149E-13
30.	1.524E-09	8.852E-10	5.558E-10	2.954E-10	1.719E-10	8.467E-11	4.429E-11	2.266E-11	9.217E-12	4.255E-12	1.573E-12	6.214E-13
31.	1.643E-09	9.534E-10	5.984E-10	3.178E-10	1.848E-10	9.101E-11	4.757E-11	2.432E-11	9.888E-12	4.563E-12	1.686E-12	6.654E-13
32.	1.955E-09	1.136E-09	7.142E-10	3.801E-10	2.214E-10	1.092E-10	5.718E-11	2.929E-11	1.193E-11	5.516E-12	2.042E-12	8.077E-13
33.	2.354E-10	1.368E-10	8.601E-11	4.576E-11	2.665E-11	1.314E-11	6.882E-12	3.525E-12	1.436E-12	6.635E-13	2.456E-13	9.714E-14
34.	2.073E-11	2.737E-11	3.333E-11	4.400E-11	5.361E-11	7.122E-11	8.608E-11	1.050E-10	1.384E-10	1.688E-10	2.237E-10	2.713E-10
35.	1.067E-11	1.407E-11	1.711E-11	2.255E-11	2.743E-11	3.638E-11	4.389E-11	5.343E-11	7.034E-11	8.565E-11	1.133E-10	1.371E-10
36.	2.001E-11	2.641E-11	3.215E-11	4.243E-11	5.169E-11	6.864E-11	8.293E-11	1.011E-10	1.333E-10	1.625E-10	2.152E-10	2.609E-10
37.	1.887E-08	1.654E-08	1.483E-08	1.276E-08	1.126E-08	9.525E-09	8.248E-09	7.106E-09	5.805E-09	4.911E-09	3.938E-09	3.250E-09
38.	6.141E-10	5.390E-10	4.837E-10	4.166E-10	3.681E-10	3.117E-10	2.703E-10	2.331E-10	1.907E-10	1.615E-10	1.297E-10	1.072E-10
39.	2.542E-09	2.229E-09	1.999E-09	1.721E-09	1.520E-09	1.286E-09	1.114E-09	9.604E-10	7.850E-10	6.644E-10	5.331E-10	4.401E-10
40.	1.512E-08	1.323E-08	1.185E-08	1.018E-08	8.969E-09	7.577E-09	6.551E-09	5.636E-09	4.597E-09	3.883E-09	3.109E-09	2.562E-09
41.	1.069E-14	1.409E-14	1.709E-14	2.293E-14	2.809E-14	3.866E-14	4.688E-14	5.796E-14	7.938E-14	9.859E-14	1.375E-13	1.690E-13
42.	3.081E-12	4.039E-12	4.875E-12	6.392E-12	7.719E-12	1.021E-11	1.220E-11	1.474E-11	1.931E-11	2.334E-11	3.081E-11	3.694E-11
43.	3.081E-12	4.039E-12	4.875E-12	6.392E-12	7.719E-12	1.021E-11	1.220E-11	1.474E-11	1.931E-11	2.334E-11	3.081E-11	3.694E-11
44.	3.868E-12	5.071E-12	6.119E-12	8.022E-12	9.687E-12	1.281E-11	1.530E-11	1.849E-11	2.422E-11	2.928E-11	3.864E-11	4.632E-11
45.	5.773E-12	7.582E-12	9.165E-12	1.204E-11	1.456E-11	1.929E-11	2.309E-11	2.795E-11	3.668E-11	4.442E-11	5.874E-11	7.055E-11
46.	1.424E-08	1.541E-08	1.632E-08	1.748E-08	1.837E-08	1.942E-08	2.025E-08	2.101E-08	2.187E-08	2.246E-08	2.304E-08	2.344E-08
47.	6.775E-09	7.324E-09	7.751E-09	8.293E-09	8.706E-09	9.201E-09	9.585E-09	9.936E-09	1.033E-08	1.060E-08	1.086E-08	1.104E-08
48.	8.217E-08	7.922E-08	7.657E-08	7.242E-08	6.892E-08	6.388E-08	5.977E-08	5.549E-08	4.974E-08	4.531E-08	3.967E-08	3.532E-08
49.	1.894E-15	1.853E-15	1.854E-15	1.812E-15	1.813E-15	1.749E-15	1.771E-15	1.771E-15	1.727E-15	1.726E-15	1.661E-15	1.679E-15
50.	1.894E-15	1.853E-15	1.854E-15	1.812E-15	1.813E-15	1.749E-15	1.771E-15	1.771E-15	1.727E-15	1.726E-15	1.661E-15	1.679E-15
51.	2.326E-07	3.198E-07	4.607E-07	6.760E-07	1.040E-06	1.541E-06	2.782E-06	4.770E-06	8.597E-06	1.330E-05	1.476E-05	1.070E-06
52.	3.036E-09	3.045E-09	3.036E-09	2.992E-09	2.941E-09	2.842E-09	2.753E-09	2.646E-09	2.482E-09	2.344E-09	2.149E-09	1.990E-09

53.	1.191E-08	1.287E-08	1.361E-08	1.456E-08	1.528E-08	1.614E-08	1.681E-08	1.742E-08	1.811E-08	1.858E-08	1.903E-08	1.934E-08
54.	4.183E-08	4.525E-08	4.792E-08	5.131E-08	5.390E-08	5.700E-08	5.942E-08	6.164E-08	6.414E-08	6.587E-08	6.754E-08	6.871E-08
55.	4.184E-08	4.526E-08	4.793E-08	5.132E-08	5.391E-08	5.701E-08	5.944E-08	6.165E-08	6.415E-08	6.589E-08	6.756E-08	6.873E-08
56.	1.131E-06	5.467E-07	6.888E-07	4.779E-07	2.662E-07	2.556E-07	3.493E-07	4.214E-07	4.572E-07	4.765E-07	4.615E-07	4.454E-07
57.	1.859E-07	1.791E-07	1.730E-07	1.636E-07	1.556E-07	1.441E-07	1.348E-07	1.251E-07	1.121E-07	1.020E-07	8.929E-08	7.946E-08
58.	1.382E-09	1.626E-09	1.863E-09	2.192E-09	2.504E-09	2.906E-09	3.323E-09	3.759E-09	4.341E-09	4.869E-09	5.530E-09	6.192E-09
59.	1.774E-08	1.335E-08	1.050E-08	7.559E-09	5.726E-09	3.959E-09	2.854E-09	2.032E-09	1.284E-09	8.711E-10	5.250E-10	3.325E-10
60.	1.774E-08	1.335E-08	1.050E-08	7.559E-09	5.726E-09	3.959E-09	2.854E-09	2.032E-09	1.284E-09	8.711E-10	5.250E-10	3.325E-10
61.	8.174E-10	8.199E-10	8.142E-10	8.167E-10	8.109E-10	8.181E-10	8.072E-10	8.015E-10	8.036E-10	7.980E-10	8.049E-10	7.945E-10
62.	0.0	0.0	0.0	0.0	0.0	9.603E-28	1.199E-21	4.239E-18	2.331E-15	9.109E-14	1.731E-12	1.343E-11
63.	0.0	0.0	0.0	0.0	0.0	9.506E-28	1.187E-21	4.196E-18	2.307E-15	9.017E-14	1.714E-12	1.330E-11
64.	0.0	0.0	0.0	0.0	0.0	2.704E-23	1.709E-18	1.053E-15	1.507E-13	2.624E-12	2.647E-11	1.271E-10
65.	0.0	0.0	0.0	0.0	0.0	9.248E-24	5.845E-19	3.601E-16	5.152E-14	8.972E-13	9.052E-12	4.345E-11

TOTAL CONCENTRATION (G/M**3)

1.928E-06 1.375E-06 1.626E-06 1.599E-06 1.733E-06 2.202E-06 3.524E-06 5.571E-06 9.417E-06 1.413E-05 1.556E-05 1.838E-06

* * * R E C E P T O R N U M B E R * * *

SOURCE	13.	14.	15.	16.	17.	18.	19.	20.
	PARTIAL CONCENTRATIONS (G/M**3)							
1.	3.885E-14	1.094E-14	3.640E-15	9.025E-16	2.393E-16	4.872E-17	1.058E-17	2.256E-18
2.	8.422E-14	2.372E-14	7.894E-15	1.958E-15	5.193E-16	1.057E-16	2.297E-17	4.898E-18
3.	7.240E-14	2.033E-14	6.747E-15	1.668E-15	4.411E-16	8.954E-17	1.938E-17	4.119E-18
4.	1.322E-12	4.448E-13	1.735E-14	5.243E-14	1.696E-14	4.353E-15	1.195E-15	3.233E-16
5.	1.801E-12	6.100E-13	2.395E-13	7.285E-14	2.375E-14	6.136E-15	1.699E-15	4.629E-16
6.	5.589E-13	1.591E-13	5.348E-14	1.340E-14	3.596E-15	7.402E-16	1.628E-16	3.512E-17
7.	4.379E-13	1.243E-13	4.168E-14	1.042E-14	2.788E-15	5.722E-16	1.255E-16	2.699E-17
8.	5.217E-13	1.485E-13	4.991E-14	1.250E-14	3.355E-15	6.903E-16	1.518E-16	3.274E-17
9.	5.825E-13	1.657E-13	5.567E-14	1.394E-14	3.739E-15	7.690E-16	1.691E-16	3.644E-17
10.	4.702E-13	1.332E-13	4.459E-14	1.112E-14	2.969E-15	6.083E-16	1.331E-16	2.856E-17
11.	1.674E-12	4.778E-13	1.609E-13	4.040E-14	1.087E-14	2.243E-15	4.947E-16	1.070E-16
12.	7.464E-13	2.125E-13	7.142E-14	1.789E-14	4.802E-15	9.883E-16	2.174E-16	4.689E-17
13.	1.770E-12	5.049E-13	1.700E-13	4.269E-14	1.148E-14	2.369E-15	5.224E-16	1.129E-16
14.	2.846E-13	8.072E-14	2.704E-14	6.750E-15	1.805E-15	3.701E-16	8.106E-17	1.742E-17
15.	2.965E-13	8.413E-14	2.819E-14	7.039E-15	1.882E-15	3.861E-16	8.460E-17	1.818E-17
16.	2.765E-13	7.843E-14	2.627E-14	6.558E-15	1.753E-15	3.594E-16	7.873E-17	1.691E-17
17.	2.614E-13	7.414E-14	2.483E-14	6.197E-15	1.656E-15	3.395E-16	7.435E-17	1.597E-17
18.	5.634E-13	1.601E-13	5.369E-14	1.343E-14	3.595E-15	7.384E-16	1.620E-16	3.487E-17
19.	6.967E-13	1.983E-13	6.667E-14	1.670E-14	4.483E-15	9.226E-16	2.030E-16	4.378E-17
20.	6.562E-13	1.867E-13	6.274E-14	1.571E-14	4.216E-15	8.674E-16	1.907E-16	4.112E-17
21.	5.805E-13	1.662E-13	5.581E-14	1.397E-14	3.745E-15	7.700E-16	1.692E-16	3.645E-17
22.	7.019E-13	1.999E-13	6.723E-14	1.685E-14	4.526E-15	9.321E-16	2.052E-16	4.428E-17
23.	5.628E-13	1.600E-13	5.371E-14	1.344E-14	3.602E-15	7.404E-16	1.626E-16	3.503E-17
24.	6.256E-13	1.780E-13	5.980E-14	1.498E-14	4.017E-15	8.264E-16	1.817E-16	3.917E-17
25.	5.652E-13	1.605E-13	5.385E-14	1.346E-14	3.604E-15	7.401E-16	1.624E-16	3.494E-17
26.	8.898E-14	2.526E-14	8.466E-15	2.115E-15	5.658E-16	1.161E-16	2.546E-17	5.473E-18
27.	6.760E-13	1.924E-13	6.464E-14	1.619E-14	4.343E-15	8.935E-16	1.965E-16	4.236E-17
28.	2.237E-13	6.367E-14	2.140E-14	5.360E-15	1.438E-15	2.960E-16	6.509E-17	1.404E-17
29.	2.379E-13	6.774E-14	2.277E-14	5.704E-15	1.531E-15	3.151E-16	6.933E-17	1.495E-17
30.	2.404E-13	6.841E-14	2.299E-14	5.757E-15	1.545E-15	3.178E-16	6.988E-17	1.507E-17
31.	2.572E-13	7.315E-14	2.456E-14	6.147E-15	1.648E-15	3.388E-16	7.444E-17	1.604E-17
32.	3.129E-13	8.919E-14	3.001E-14	7.528E-15	2.023E-15	4.170E-16	9.186E-17	1.984E-17
33.	3.762E-14	1.072E-14	3.607E-15	9.047E-16	2.431E-16	5.[illegible]-17	1.103E-17	2.382E-18
34.	3.308E-10	4.344E-10	5.295E-10	6.984E-10	8.467E-10	1.[illegible]-09	1.349E-09	1.641E-09
35.	1.669E-10	2.187E-10	2.661E-10	3.503E-10	4.238E-10	5.565E-10	6.727E-10	8.163E-10

36.	3.180E-10	4.173E-10	5.085E-10	6.704E-10	8.124E-10	1.068E-09	1.294E-09	1.572E-09
37.	2.671E-09	2.056E-09	1.653E-09	1.245E-09	9.711E-10	7.108E-10	5.399E-10	4.090E-10
38.	8.817E-11	6.795E-11	5.472E-11	4.127E-11	3.223E-11	2.362E-11	1.797E-11	1.363E-11
39.	3.619E-10	2.787E-10	2.243E-10	1.690E-10	1.318E-10	9.656E-11	7.339E-11	5.562E-11
40.	2.102E-09	1.615E-09	1.297E-09	9.753E-10	7.591E-10	5.548E-10	4.206E-10	3.181E-10
41.	2.109E-13	2.907E-13	3.637E-13	5.106E-13	6.320E-13	8.889E-13	1.103E-12	1.389E-12
42.	4.464E-11	5.823E-11	7.036E-11	9.248E-11	1.108E-10	1.453E-10	1.741E-10	2.098E-10
43.	4.464E-11	5.823E-11	7.036E-11	9.248E-11	1.108E-10	1.453E-10	1.741E-10	2.098E-10
44.	5.597E-11	7.300E-11	8.819E-11	1.159E-10	1.389E-10	1.821E-10	2.181E-10	2.629E-10
45.	8.542E-11	1.116E-10	1.352E-10	1.780E-10	2.138E-10	2.809E-10	3.371E-10	4.072E-10
46.	2.371E-08	2.383E-08	2.380E-08	2.352E-08	2.321E-08	2.259E-08	2.190E-08	2.115E-08
47.	1.116E-08	1.120E-08	1.118E-08	1.104E-08	1.088E-08	1.054E-08	1.025E-08	9.882E-09
48.	3.120E-08	2.622E-08	2.262E-08	1.848E-08	1.548E-08	1.224E-08	9.959E-09	8.036E-09
49.	1.677E-15	1.633E-15	1.630E-15	1.564E-15	1.581E-15	1.515E-15	1.530E-15	1.525E-15
50.	1.677E-15	1.633E-15	1.630E-15	1.564E-15	1.581E-15	1.515E-15	1.530E-15	1.525E-15
51.	7.240E-05	2.058E-05	2.662E-05	1.011E-05	1.348E-06	7.199E-07	5.316E-07	4.122E-07
52.	1.827E-09	1.613E-09	1.449E-09	1.246E-09	1.090E-09	9.084E-10	7.737E-10	6.532E-10
53.	1.953E-08	1.960E-08	1.956E-08	1.930E-08	1.901E-08	1.843E-08	1.790E-08	1.725E-08
54.	6.947E-08	6.981E-08	6.974E-08	6.888E-08	6.796E-08	6.595E-08	6.412E-08	6.189E-08
55.	6.949E-08	6.983E-08	6.975E-08	6.890E-08	6.797E-08	6.597E-08	6.413E-08	6.190E-08
56.	4.158E-07	3.769E-07	3.400E-07	3.065E-07	2.691E-07	2.420E-07	2.108E-07	1.869E-07
57.	7.016E-08	5.891E-08	5.081E-08	4.149E-08	3.473E-08	2.745E-08	2.231E-08	1.799E-08
58.	6.863E-09	7.732E-09	8.498E-09	9.437E-09	1.035E-08	1.139E-08	1.238E-08	1.336E-08
59.	2.084E-10	1.119E-10	6.594E-11	3.338E-11	1.792E-11	8.344E-12	4.132E-12	2.029E-12
60.	2.084E-10	1.119E-10	6.594E-11	3.338E-11	1.792E-11	8.344E-12	4.132E-12	2.029E-12
61.	7.889E-10	7.904E-10	7.849E-10	7.914E-10	7.811E-10	7.875E-10	7.773E-10	7.719E-10
62.	5.688E-11	2.149E-10	4.964E-10	1.099E-09	1.866E-09	3.131E-09	4.316E-09	5.582E-09
63.	5.631E-11	2.128E-10	4.914E-10	1.088E-09	1.848E-09	3.099E-09	4.273E-09	5.526E-09
64.	3.830E-10	1.066E-09	1.997E-09	3.686E-09	5.377E-09	7.977E-09	9.902E-09	1.180E-08
65.	1.310E-10	3.646E-10	6.829E-10	1.261E-09	1.839E-09	2.728E-09	3.386E-09	4.034E-09

TOTAL CONCENTRATION (G/M**3)

7.312E-05 2.126E-05 2.774E-05 1.069E-05 1.884E-06 1.220E-06 9.941E-07 8.449E-07

73.1
+ 55
128.1

PSD

24-HOUR SO_2

TECO RR ALL UNITS + INTERACTION--DAY 257/71---MAX 24-HR SO2 PSD CLASS 2 INC PROJECTED

1. 7.0

* * * S O U R C E S * * *

25 TPH

NO	Q (G/SEC)	HP (M)	TS (DEG-K)	VS (M/SEC)	D(M)	VF(M**3/SEC)	R (KM)	S (KM)	
1.	2093.01	149.4	422.0	28.6	7.32	0.0	361.600	3075.000	BIG BEND 39-01
2.	2072.32	149.4	422.0	28.6	7.32	0.0	361.600	3075.000	BIG BEND 39-02
3.	2134.05	149.4	370.0	34.3	7.32	0.0	361.600	3075.000	BIG BEND 39-03
4.	709.43	149.4	370.0	34.3	7.32	0.0	361.600	3075.000	BIG BEND 39-04
5.	15.28	45.7	347.0	9.1	2.30	0.0	362.900	3082.500	GARDINIER 8-04
6.	32.59	45.7	345.0	8.2	2.40	0.0	362.900	3082.500	GARDINIER 8-05
7.	34.69	45.7	346.0	12.4	2.70	0.0	362.900	3082.500	GARDINIER 8-06
8.	6.47	38.4	327.0	10.8	2.40	0.0	362.900	3082.900	GARDINIER 8-07
9.	1.72	23.8	350.0	5.5	1.00	0.0	362.900	3082.500	GARDINIER 8-32
10.	0.78	20.7	305.0	15.3	1.20	0.0	362.900	3082.500	GARDINIER 8-38
11.	4.48	18.3	312.0	3.7	0.60	0.0	362.900	3082.500	GARDINIER 8-42
12.	3.62	13.1	439.0	9.7	0.30	0.0	360.100	3087.500	IMP PH 24-01
13.	0.49	27.4	308.0	1.9	6.90	0.0	363.100	3089.000	NITRAM 29-03
14.	2.61	27.4	505.0	10.8	1.40	0.0	363.100	3089.000	NITRAM 29-04
15.	173.74	93.3	427.0	24.1	3.10	0.0	360.000	3087.500	GANNON 40-01
16.	173.74	93.3	427.0	24.1	3.10	0.0	360.000	3087.500	GANNON 40-02
17.	221.01	93.3	403.0	27.0	3.20	0.0	360.000	3087.500	GANNON 40-03
18.	259.30	93.3	414.0	18.6	2.90	0.0	360.000	3087.500	GANNON 40-04
19.	688.79	93.3	415.0	20.7	4.40	0.0	360.000	3087.500	GANNON 40-05
20.	1145.37	93.3	418.0	23.4	5.40	0.0	360.000	3087.500	GANNON 40-06
21.	0.78	9.4	340.0	11.0	3.00	0.0	362.200	3087.200	EXXON 21-01
22.	7.19	29.9	366.0	12.1	0.60	0.0	361.800	3088.300	CHLORIDEM 50-04
23.	0.75	9.1	561.0	5.9	0.60	0.0	358.000	3089.200	SULPHUR T. 82-01
24.	0.75	9.1	622.0	6.2	0.60	0.0	358.000	3089.200	SULPHUR T. 82-02
25.	13.01	30.2	398.0	22.9	0.60	0.0	361.800	3088.300	CHLORIDE MET 50-01
26.	0.49	7.6	436.0	22.7	0.50	0.0	354.000	3062.100	SPEEDLING 171-
27.	1943.29	152.0	427.0	13.4	7.90	0.0	367.600	3055.100	FP&L MAN 182

* * * R E C E P T O R S * * *

NO.	XREC(KM)	YREC(KM)	Z (M)
1.	362.440	3074.000	0.0
2.	362.500	3073.930	0.0
3.	362.560	3073.850	0.0
4.	362.630	3073.770	0.0
5.	362.690	3073.700	0.0

1.	266.	1.5	7	1397.	299.0	0.0
2.	360.	2.6	6	1414.	298.0	0.0
3.	330.	3.6	5	1432.	298.0	0.0
4.	47.	2.1	5	1449.	297.0	0.0
5.	130.	1.5	4	1467.	297.0	0.0
6.	131.	2.6	4	1484.	297.0	0.0
7.	150.	2.6	4	1502.	297.0	0.0
8.	75.	1.5	3	1519.	299.0	0.0
9.	358.	2.6	3	1537.	300.0	0.0
10.	11.	3.6	2	1554.	300.0	0.0
11.	88.	3.6	2	1572.	302.0	0.0
12.	300.	1.5	1	1589.	303.0	0.0
13.	262.	4.1	2	1607.	303.0	0.0
14.	257.	4.1	3	1624.	303.0	0.0
15.	261.	5.1	3	1624.	304.0	0.0
16.	269.	6.2	4	1624.	304.0	0.0
17.	261.	6.2	4	1624.	302.0	0.0
18.	269.	4.1	4	1624.	301.0	0.0
19.	296.	2.6	5	1623.	299.0	0.0
20.	335.	2.5	5	1619.	298.0	0.0
21.	357.	2.1	5	1616.	298.0	0.0
22.	360.	1.0	6	1613.	297.0	0.0
23.	2.	1.0	6	1609.	296.0	0.0
24.	360.	1.0	6	1606.	295.0	0.0

AVERAGE CONCENTRATIONS FOR 24 HOURS.

RECEPTOR NUMBER

SOURCE	1.	2.	3.	4.	5.
	PARTIAL CONCENTRATIONS (G/M**3)				
1.	2.820E-06	4.005E-06	4.761E-06	5.392E-06	5.583E-06
2.	2.791E-06	3.964E-06	4.713E-06	5.337E-06	5.526E-06
3.	3.902E-06	4.896E-06	5.349E-06	5.758E-06	5.824E-06
4.	1.311E-06	1.628E-06	1.778E-06	1.914E-06	1.936E-06
5.	1.397E-06	1.831E-06	2.307E-06	2.864E-06	3.305E-06
6.	3.093E-06	4.055E-06	5.109E-06	6.338E-06	7.311E-06
7.	1.928E-06	2.523E-06	3.188E-06	3.983E-06	4.631E-06
8.	1.922E-06	1.310E-06	1.615E-06	1.962E-06	2.227E-06
9.	6.720E-07	8.776E-07	1.095E-06	1.340E-06	1.524E-06
10.	5.085E-07	6.613E-07	8.207E-07	9.980E-07	1.128E-06
11.	4.020E-06	5.212E-06	6.445E-06	7.804E-06	8.790E-06
12.	8.521E-09	7.224E-09	6.188E-09	5.185E-09	4.486E-09
13.	1.466E-07	1.670E-07	1.873E-07	2.102E-07	2.285E-07
14.	5.518E-07	6.297E-07	7.081E-07	7.967E-07	8.683E-07
15.	1.335E-07	1.206E-07	1.093E-07	9.721E-08	8.792E-08
16.	1.335E-07	1.206E-07	1.093E-07	9.721E-08	8.792E-08
17.	1.693E-07	1.530E-07	1.387E-07	1.234E-07	1.116E-07
18.	2.079E-07	1.874E-07	1.694E-07	1.503E-07	1.357E-07
19.	4.903E-07	4.517E-07	4.103E-07	3.659E-07	3.315E-07
20.	7.464E-07	6.790E-07	6.186E-07	5.533E-07	5.025E-07
21.	4.126E-07	3.675E-07	3.223E-07	2.723E-07	2.332E-07
22.	1.523E-06	1.274E-06	1.072E-06	8.858E-07	7.607E-07
23.	4.325E-11	4.700E-11	5.175E-11	6.018E-11	6.961E-11
24.	4.313E-11	4.685E-11	5.155E-11	5.993E-11	6.930E-11
25.	2.395E-06	2.022E-06	1.718E-06	1.437E-06	1.246E-06
26.	2.181E-27	5.541E-27	1.471E-26	4.115E-26	9.850E-26
27.	1.530E-12	1.231E-12	1.001E-12	7.690E-13	6.114E-13
	TOTAL CONCENTRATION (G/M**3)				
	3.903E-05	3.714E-05	4.275E-05	4.868E-05	5.238E-05

TECU 80 ALL UNITS + INTERACITON--DAY 257/71---MAX 24-HR SO2 PSD CLASS 2 INC BASELINE

1. 7.0

* * * S O U R C E S * * *

NO	Q (G/SEC)	HP (M)	TS (DEG-K)	VS (M/SEC)	D(M)	VF(M**3/SEC)	R (KM)	S (KM)	
1.	2679.77	149.4	422.0	28.6	7.32	0.0	361.600	3075.000	BIG BEND 39-01
2.	2652.55	149.4	422.0	28.6	7.32	0.0	361.600	3075.000	BIG BEND 39-02
3.	2731.68	149.4	417.0	14.4	7.32	0.0	361.600	3075.000	BIG BEND 39-03
4.	31.51	24.4	363.0	6.0	1.40	0.0	363.200	3082.400	GARDINIER 8-01
5.	56.19	22.6	360.0	7.4	1.60	0.0	363.200	3082.400	GARDINIER 8-02
6.	74.94	21.9	360.0	9.1	1.80	0.0	363.200	3082.400	GARDINIER 8-03
7.	175.74	28.0	357.0	6.2	2.90	0.0	363.200	3082.400	GARDINIER 8-04
8.	186.11	29.3	352.0	7.1	3.30	0.0	363.200	3082.400	GARDINIER 8-05
9.	52.39	45.7	355.0	11.1	2.70	0.0	363.200	3082.400	GARDINIER 8-06
10.	6.57	26.8	340.0	7.7	0.40	0.0	362.900	3082.900	GARDINIER 8-07
11.	3.92	23.8	346.0	3.3	1.80	0.0	362.900	3082.500	GARDINIER 8-32
12.	3.74	23.8	345.0	3.3	1.80	0.0	362.900	3082.500	GARDINIER 8-33
13.	2.45	20.7	317.0	10.0	1.10	0.0	362.900	3082.500	GARDINIER 8-36
14.	2.53	20.7	310.0	14.8	1.10	0.0	362.900	3082.500	GARDINIER 8-38
15.	3.74	18.3	589.0	6.9	2.50	0.0	362.900	3082.500	GARDINIER 8-42
16.	0.14	10.7	344.0	9.2	3.00	0.0	360.100	3087.500	IMC PHOS. 24-01
17.	6.39	27.4	477.0	24.2	0.90	0.0	363.100	3089.000	NITRAM INC. 29-03
18.	5.01	27.4	505.0	24.2	0.90	0.0	363.100	3089.000	NITRAM INC. 29-04
19.	334.91	61.0	427.0	8.3	4.30	0.0	360.000	3087.500	GANNON 40-01
20.	455.56	76.2	427.0	17.1	3.00	0.0	360.000	3087.500	GANNON 40-02
21.	453.28	76.2	403.0	14.8	3.20	0.0	360.000	3087.500	GANNON 40-03
22.	474.77	71.6	414.0	29.3	2.90	0.0	360.000	3087.500	GANNON 40-04
23.	448.27	70.1	415.0	14.3	4.50	0.0	360.000	3087.500	GANNON 40-05
24.	910.08	93.3	417.0	16.0	5.40	0.0	360.000	3087.500	GANNON 40-06
25.	27.27	30.5	344.0	15.2	0.70	0.0	361.800	3088.300	CHLORIDE METALS 50-01
26.	539.24	121.9	416.0	14.9	7.90	0.0	367.600	3055.100	FPL MANATEE 10-01
27.	539.24	121.9	416.0	14.9	7.90	0.0	367.600	3055.100	FPL MANATEE 10-02

327/#

* * * R E C E P T O R S * * *

NO.	RREC(KM)	SREC(KM)	Z (M)
1.	362.440	3074.000	0.0
2.	362.500	3073.930	0.0
3.	362.560	3073.850	0.0
4.	362.630	3073.770	0.0
5.	362.690	3073.700	0.0

1.	266.	1.5	7	1397.	299.0	0.0
2.	360.	2.6	6	1414.	298.0	0.0
3.	330.	3.6	5	1432.	298.0	0.0
4.	47.	2.1	5	1449.	297.0	0.0
5.	130.	1.5	4	1467.	297.0	0.0
6.	131.	2.6	4	1484.	297.0	0.0
7.	150.	2.6	4	1502.	297.0	0.0
8.	75.	1.5	3	1519.	299.0	0.0
9.	358.	2.6	3	1537.	300.0	0.0
10.	11.	3.6	2	1554.	300.0	0.0
11.	88.	3.6	2	1572.	302.0	0.0
12.	300.	1.5	1	1589.	303.0	0.0
13.	262.	4.1	2	1607.	303.0	0.0
14.	257.	4.1	3	1624.	303.0	0.0
15.	261.	5.1	3	1624.	304.0	0.0
16.	269.	6.2	4	1624.	304.0	0.0
17.	261.	6.2	4	1624.	302.0	0.0
18.	269.	4.1	4	1624.	301.0	0.0
19.	296.	2.5	5	1623.	299.0	0.0
20.	335.	2.5	5	1619.	298.0	0.0
21.	357.	2.1	5	1616.	298.0	0.0
22.	360.	1.0	6	1613.	297.0	0.0
23.	2.	1.0	6	1609.	296.0	0.0
24.	360.	1.0	6	1606.	295.0	0.0

AVERAGE CONCENTRATIONS FOR 24 HOURS.

* * * R E C E P T O R N U M B E R * * *

SOURCE	1.	2.	3.	4.	5.
	PARTIAL CONCENTRATIONS (G/M**3)				
1.	3.609E-06	5.126E-06	6.094E-06	6.901E-06	7.146E-06
2.	3.573E-06	5.074E-06	6.032E-06	6.831E-06	7.073E-06
3.	8.280E-06	8.608E-06	8.247E-06	8.107E-06	7.829E-06
4.	1.814E-06	3.029E-06	4.812E-06	7.631E-06	1.071E-05
5.	2.941E-06	4.892E-06	7.759E-06	1.230E-05	1.728E-05
6.	3.295E-06	5.439E-06	8.599E-06	1.362E-05	1.915E-05
7.	4.547E-06	7.264E-06	1.129E-05	1.774E-05	2.491E-05
8.	3.707E-06	5.771E-06	8.839E-06	1.378E-05	1.930E-05
9.	5.710E-07	8.120E-07	1.170E-06	1.748E-06	2.401E-06
10.	4.425E-06	5.609E-06	6.815E-06	8.128E-06	9.071E-06
11.	1.865E-06	2.431E-06	3.025E-06	3.691E-06	4.185E-06
12.	1.789E-06	2.331E-06	2.901E-06	3.538E-06	4.012E-06
13.	1.533E-06	1.993E-06	2.475E-06	3.010E-06	3.404E-06
14.	1.581E-06	2.056E-06	2.553E-06	3.106E-06	3.513E-06
15.	4.320E-07	5.712E-07	7.260E-07	9.092E-07	1.056E-06
16.	3.112E-10	2.668E-10	2.308E-10	1.955E-10	1.706E-10
17.	1.456E-06	1.661E-06	1.866E-06	2.098E-06	2.286E-06
18.	1.098E-06	1.253E-06	1.408E-06	1.584E-06	1.726E-06
19.	3.089E-07	2.761E-07	2.478E-07	2.183E-07	1.961E-07
20.	3.901E-07	3.502E-07	3.155E-07	2.790E-07	2.513E-07
21.	3.937E-07	3.530E-07	3.177E-07	2.807E-07	2.526E-07
22.	3.985E-07	3.585E-07	3.235E-07	2.865E-07	2.584E-07
23.	6.690E-07	6.023E-07	5.440E-07	4.823E-07	4.352E-07
24.	6.413E-07	5.820E-07	5.291E-07	4.722E-07	4.282E-07
25.	5.548E-06	4.653E-06	3.925E-06	3.253E-06	2.801E-06
26.	4.716E-13	3.794E-13	3.087E-13	2.371E-13	1.886E-13
27.	4.716E-13	3.794E-13	3.087E-13	2.371E-13	1.886E-13
	TOTAL CONCENTRATION (G/M**3)				
	5.486E-05	7.109E-05	9.081E-05	1.200E-04	1.497E-04

PSD

3-HOUR SO_2

TECO BR ALL UNITS + INTERACTION--DAY 243/74/4--MAX 3-HR SO2 PSD CLASS 2 INC

Projected

1. 7.0

* * * S O U R C E S * * *

NO	Q (G/SEC)	HP (M)	TS (DEG-K)	VS (M/SEC)	D(M)	VF(M**3/SEC)	R (KM)	S (KM)	
1.	3936.82	149.4	412.0	22.9	7.32	0.0	361.600	3075.000	TECO 1&2 75% 31.5T/H SO2
2.	2548.76	149.4	365.0	27.1	7.32	0.0	361.600	3075.000	TECO 3&4 75% 31.5T/H SO2
3.	15.28	45.7	347.0	9.1	2.30	0.0	362.900	3082.500	GARDINIER 8-04
4.	32.59	45.7	345.0	8.2	2.40	0.0	362.900	3082.500	GARDINIER 8-05
5.	34.69	45.7	346.0	12.4	2.70	0.0	362.900	3082.500	GARDINIER 8-06
6.	6.47	38.4	327.0	10.8	2.40	0.0	362.900	3082.900	GARDINIER 8-07
7.	1.72	23.8	350.0	5.5	1.80	0.0	362.900	3082.500	GARDINIER 8-32
8.	0.78	20.7	305.0	15.3	1.20	0.0	362.900	3082.500	GARDINIER 8-38
9.	4.48	18.3	312.0	3.7	0.60	0.0	362.900	3082.500	GARDINIER 8-42
10.	3.62	13.1	439.0	9.7	0.30	0.0	360.100	3087.500	IMP PH 24-01
11.	0.49	27.4	308.0	1.9	6.90	0.0	363.100	3089.000	NITRAM 29-03
12.	2.61	27.4	505.0	10.8	1.40	0.0	363.100	3089.000	NITRAM 29-04
13.	173.74	93.3	427.0	24.1	3.10	0.0	360.000	3087.500	GANNON 40-01
14.	173.74	93.3	427.0	24.1	3.10	0.0	360.000	3087.500	GANNON 40-02
15.	221.01	93.3	403.0	27.0	3.20	0.0	360.000	3087.500	GANNON 40-03
16.	259.30	93.3	414.0	18.6	2.90	0.0	360.000	3087.500	GANNON 40-04
17.	688.79	93.3	415.0	20.7	4.40	0.0	360.000	3087.500	GANNON 40-05
18.	1145.37	93.3	418.0	23.4	5.40	0.0	360.000	3087.500	GANNON 40-06
19.	0.78	9.4	340.0	11.0	3.00	0.0	362.200	3087.200	EXXON 21-01
20.	7.19	29.9	366.0	12.1	0.60	0.0	361.800	3088.300	CHLORIDEM 50-04
21.	0.75	9.1	561.0	5.9	0.60	0.0	358.000	3089.200	SULPHUR T. 82-01
22.	0.75	9.1	622.0	6.2	0.60	0.0	358.000	3089.200	SULPHUR T. 82-02
23.	13.01	30.2	398.0	22.9	0.60	0.0	361.800	3088.300	CHLORIDE MET 50-01
24.	0.49	7.6	436.0	22.7	0.50	0.0	354.000	3062.100	SPEEDLING 171-
25.	1903.29	152.0	427.0	13.4	7.90	0.0	367.600	3055.100	FP&L MAN 1&2

* * * R E C E P T O R S * * *

NO.	RREC(KM)	SREC(KM)	Z (M)
1.	360.470	3075.050	0.0
2.	360.390	3075.700	0.0
3.	360.300	3075.750	0.0
4.	360.210	3075.800	0.0
5.	360.130	3075.850	0.0
1.	135.	3.1	2
2.	151.	4.1	2
3.	120.	2.1	1

766.	304.0	0.0
967.	304.0	0.0
1167.	306.0	0.0

AVER[illegible] CONCENTRATIONS FOR 3 HOURS.

* * * R E C E P T O R N U M B E R * * *

SOURCE	1.	2.	3.	4.	5.
	PARTIAL CONCENTRATIONS (G/M**3)				
1.	5.098E-04	5.244E-04	5.163E-04	4.963E-04	4.755E-04
2.	3.504E-04	3.490E-04	3.387E-04	3.246E-04	3.110E-04
3.	0.0	0.0	0.0	0.0	0.0
4.	0.0	0.0	0.0	0.0	0.0
5.	0.0	0.0	0.0	0.0	0.0
6.	0.0	0.0	0.0	0.0	0.0
7.	0.0	0.0	0.0	0.0	0.0
8.	0.0	0.0	0.0	0.0	0.0
9.	0.0	0.0	0.0	0.0	0.0
10.	0.0	0.0	0.0	0.0	0.0
11.	0.0	0.0	0.0	0.0	0.0
12.	0.0	0.0	0.0	0.0	0.0
13.	0.0	0.0	0.0	0.0	0.0
14.	0.0	0.0	0.0	0.0	0.0
15.	0.0	0.0	0.0	0.0	0.0
16.	0.0	0.0	0.0	0.0	0.0
17.	0.0	0.0	0.0	0.0	0.0
18.	0.0	0.0	0.0	0.0	0.0
19.	0.0	0.0	0.0	0.0	0.0
20.	0.0	0.0	0.0	0.0	0.0
21.	0.0	0.0	0.0	0.0	0.0
22.	0.0	0.0	0.0	0.0	0.0
23.	0.0	0.0	0.0	0.0	0.0
24.	0.0	0.0	0.0	0.0	0.0
25.	4.587E-06	4.767E-06	4.981E-06	5.199E-06	5.387E-06
	TOTAL CONCENTRATION (G/M**3)				
	8.647E-04	8.781E-04	8.600E-04	8.261E-04	7.925E-04

TECO 80 ALL UNITS + INTERACTION--DAY 243/74/4--MAX 3-HR SO2 PSD CLASS 2 INC *Baseline*

1. 7.0

* * * S O U R C E S * * *

NO	Q (G/SEC)	HP (M)	TS (DEG-K)	VS (M/SEC)	D(M)	VF(M**3/SEC)	R (KM)	S (KM)	
1.	2931.05	149.4	422.0	14.3	7.32	0.0	361.600	3075.000	TECO 1 100% 35T/H SO2
2.	2987.68	149.4	417.0	14.4	7.32	0.0	361.600	3075.000	TECO 3 100% 35T/H SO2
3.	31.51	24.4	363.0	6.0	1.40	0.0	363.200	3082.400	GARDINIER 8-01
4.	56.19	22.6	360.0	7.4	1.60	0.0	363.200	3082.400	GARDINIER 8-02
5.	74.04	21.9	360.0	9.1	1.80	0.0	363.200	3082.400	GARDINIER 8-03
6.	175.74	28.0	357.0	6.2	2.90	0.0	363.200	3082.400	GARDINIER 8-04
7.	186.11	29.3	352.0	7.1	3.30	0.0	363.200	3082.400	GARDINIER 8-05
8.	52.39	45.7	355.0	11.1	2.70	0.0	363.200	3082.400	GARDINIER 8-06
9.	6.57	26.8	340.0	7.7	0.40	0.0	362.900	3082.900	GARDINIER 8-07
10.	3.92	23.8	346.0	3.3	1.80	0.0	362.900	3082.500	GARDINIER 8-32
11.	3.74	23.8	345.0	3.3	1.80	0.0	362.900	3082.500	GARDINIER 8-33
12.	2.45	20.7	317.0	10.0	1.10	0.0	362.900	3082.500	GARDINIER 8-36
13.	2.53	20.7	310.0	14.8	1.10	0.0	362.900	3082.500	GARDINIER 8-38
14.	3.74	18.3	589.0	6.9	2.50	0.0	362.900	3082.500	GARDINIER 8-42
15.	0.14	10.7	344.0	9.2	3.00	0.0	360.100	3087.500	IMC PHOS. 24-01
16.	6.39	27.4	477.0	24.2	0.90	0.0	363.100	3089.000	NITRAM INC. 29-03
17.	5.01	27.4	505.0	24.2	0.90	0.0	363.100	3089.000	NITRAM INC. 29-04
18.	334.91	61.0	427.0	8.3	4.30	0.0	360.000	3087.500	GANNON 40-01
19.	455.56	76.2	427.0	17.1	3.00	0.0	360.000	3087.500	GANNON 40-02
20.	453.28	76.2	403.0	14.8	3.20	0.0	360.000	3087.500	GANNON 40-03
21.	474.77	71.6	414.0	29.3	2.90	0.0	360.000	3087.500	GANNON 40-04
22.	808.27	70.1	415.0	14.3	4.50	0.0	360.000	3087.500	GANNON 40-05
23.	910.08	93.3	417.0	16.0	5.40	0.0	360.000	3087.500	GANNON 40-06
24.	27.27	30.5	344.0	15.2	0.70	0.0	361.800	3088.300	CHLORIDE METALS 50-01
25.	539.24	121.9	416.0	14.9	7.90	0.0	367.600	3055.100	FPL MANATEE 10-01
26.	539.24	121.9	416.0	14.9	7.90	0.0	367.600	3055.100	FPL MANATEE 10-02

* * * R E C E P T O R S * * *

NO.	RREC(KM)	SREC(KM)	Z (M)			
1.	360.470	3075.650	0.0			
2.	360.390	3075.700	0.0			
3.	360.300	3075.750	0.0			
4.	360.210	3075.800	0.0			
5.	360.130	3075.850	0.0			
1.	135.	3.1	2	766.	304.0	0.0
2.	151.	4.1	2	967.	304.0	0.0
3.	120.	2.1	1	1167.	306.0	0.0

AVERAGE CONCENTRATIONS FOR 3 HOURS.

RECEPTOR NUMBER

SOURCE	1.	2.	3.	4.	5.
	PARTIAL CONCENTRATIONS (G/M**3)				
1.	4.119E-04	4.060E-04	3.923E-04	3.757E-04	3.612E-04
2.	4.220E-04	4.149E-04	4.005E-04	3.836E-04	3.688E-04
3.	0.0	0.0	0.0	0.0	0.0
4.	0.0	0.0	0.0	0.0	0.0
5.	0.0	0.0	0.0	0.0	0.0
6.	0.0	0.0	0.0	0.0	0.0
7.	0.0	0.0	0.0	0.0	0.0
8.	0.0	0.0	0.0	0.0	0.0
9.	0.0	0.0	0.0	0.0	0.0
10.	0.0	0.0	0.0	0.0	0.0
11.	0.0	0.0	0.0	0.0	0.0
12.	0.0	0.0	0.0	0.0	0.0
13.	0.0	0.0	0.0	0.0	0.0
14.	0.0	0.0	0.0	0.0	0.0
15.	0.0	0.0	0.0	0.0	0.0
16.	0.0	0.0	0.0	0.0	0.0
17.	0.0	0.0	0.0	0.0	0.0
18.	0.0	0.0	0.0	0.0	0.0
19.	0.0	0.0	0.0	0.0	0.0
20.	0.0	0.0	0.0	0.0	0.0
21.	0.0	0.0	0.0	0.0	0.0
22.	0.0	0.0	0.0	0.0	0.0
23.	0.0	0.0	0.0	0.0	0.0
24.	0.0	0.0	0.0	0.0	0.0
25.	1.343E-06	1.396E-06	1.459E-06	1.522E-06	1.578E-06
26.	1.343E-06	1.396E-06	1.459E-06	1.522E-06	1.578E-06
	TOTAL CONCENTRATION (G/M**3)				
	8.367E-04	8.237E-04	7.957E-04	7.624E-04	7.332E-04

54.3 64.3 INC 63.7

TECO BB ALL UNITS + INTERACTION--DAY 164/74/4--MAX 3-HR SO2 PSD CLASS 2 INC

Projected

1. 7.0

* * * S O U R C E S * * *

NO	Q (G/SEC)	HP (M)	TS (DEG-K)	VS (M/SEC)	D(M)	VF(M**3/SEC)	R (KM)	S (KM)	
1.	3936.82	149.4	412.0	22.9	7.32	0.0	361.600	3075.000	TECO 1&2 75% 31.5T/H SO2
2.	2548.76	149.4	365.0	27.1	7.32	0.0	361.600	3075.000	TECO 3&4 75% 31.5T/H SO2
3.	15.28	45.7	347.0	9.1	2.30	0.0	362.900	3082.500	GARDINIER 8-04
4.	32.59	45.7	345.0	8.2	2.40	0.0	362.900	3082.500	GARDINIER 8-05
5.	34.69	45.7	346.0	12.4	2.70	0.0	362.900	3082.500	GARDINIER 8-06
6.	6.47	38.4	327.0	10.8	2.40	0.0	362.900	3082.900	GARDINIER 8-07
7.	1.72	23.8	350.0	5.5	1.80	0.0	362.900	3082.500	GARDINIER 8-32
8.	0.78	20.7	305.0	15.3	1.20	0.0	362.900	3082.500	GARDINIER 8-38
9.	4.48	18.3	312.0	3.7	0.60	0.0	362.900	3082.500	GARDINIER 8-42
10.	3.62	13.1	439.0	9.7	0.30	0.0	360.100	3087.500	IMP PH 24-01
11.	0.49	27.4	308.0	1.9	6.90	0.0	363.100	3089.000	NITRAM 29-03
12.	2.61	27.4	505.0	10.8	1.40	0.0	363.100	3089.000	NITRAM 29-04
13.	173.74	93.3	427.0	24.1	3.10	0.0	360.000	3087.500	GANNON 40-01
14.	173.74	93.3	427.0	24.1	3.10	0.0	360.000	3087.500	GANNON 40-02
15.	221.01	93.3	403.0	27.0	3.20	0.0	360.000	3087.500	GANNON 40-03
16.	259.30	93.3	414.0	18.6	2.90	0.0	360.000	3087.500	GANNON 40-04
17.	688.79	93.3	415.0	20.7	4.40	0.0	360.000	3087.500	GANNON 40-05
18.	1145.37	93.3	418.0	23.4	5.40	0.0	360.000	3087.500	GANNON 40-06
19.	0.78	9.4	340.0	11.0	3.00	0.0	362.200	3087.200	EXXON 21-01
20.	7.19	29.9	366.0	12.1	0.60	0.0	361.800	3088.300	CHLORIDEM 50-04
21.	0.75	9.1	561.0	5.9	0.60	0.0	358.000	3089.200	SULPHUR T. 82-01
22.	0.75	9.1	622.0	6.2	0.60	0.0	358.000	3089.200	SULPHUR T. 82-02
23.	13.01	30.2	398.0	22.9	0.60	0.0	361.800	3088.300	CHLORIDE MET 50-01
24.	0.49	7.6	436.0	22.7	0.50	0.0	354.000	3062.100	SPEEDLING 171-
25.	1903.29	152.0	427.0	13.4	7.90	0.0	367.600	3055.100	FP&L MAN 1&2

* * * R E C E P T O R S * * *

NO.	RREC(KM)	SREC(KM)	Z (M)
1.	360.380	3075.440	0.0
2.	360.280	3075.480	0.0
3.	360.190	3075.510	0.0
4.	360.100	3075.550	0.0
5.	360.000	3075.580	0.0

1.	176.	2.6	2	913.	304.0	0.0
2.	105.	2.1	1	1122.	304.0	0.0
3.	196.	3.6	2	1331.	305.0	0.0

AVERAGE CONCENTRATIONS FOR 3 HOURS.

RECEPTOR NUMBER

SOURCE	1.	2.	3.	4.	5.
	PARTIAL CONCENTRATIONS (G/M**3)				
1.	4.895E-04	5.009E-04	4.925E-04	4.674E-04	4.469E-04
2.	3.327E-04	3.299E-04	3.207E-04	3.030E-04	2.894E-04
3.	0.0	0.0	0.0	0.0	0.0
4.	0.0	0.0	0.0	0.0	0.0
5.	0.0	0.0	0.0	0.0	0.0
6.	0.0	0.0	0.0	0.0	0.0
7.	0.0	0.0	0.0	0.0	0.0
8.	0.0	0.0	0.0	0.0	0.0
9.	0.0	0.0	0.0	0.0	0.0
10.	0.0	0.0	0.0	0.0	0.0
11.	0.0	0.0	0.0	0.0	0.0
12.	0.0	0.0	0.0	0.0	0.0
13.	0.0	0.0	0.0	0.0	0.0
14.	0.0	0.0	0.0	0.0	0.0
15.	0.0	0.0	0.0	0.0	0.0
16.	0.0	0.0	0.0	0.0	0.0
17.	0.0	0.0	0.0	0.0	0.0
18.	0.0	0.0	0.0	0.0	0.0
19.	0.0	0.0	0.0	0.0	0.0
20.	0.0	0.0	0.0	0.0	0.0
21.	0.0	0.0	0.0	0.0	0.0
22.	0.0	0.0	0.0	0.0	0.0
23.	0.0	0.0	0.0	0.0	0.0
24.	2.645E-09	2.917E-09	3.169E-09	3.438E-09	3.735E-09
25.	9.735E-07	8.769E-07	7.956E-07	7.239E-07	6.476E-07

TOTAL CONCENTRATION (G/M**3)

8.232E-04 8.316E-04 8.139E-04 7.711E-04 7.370E-04

58.4 66.7 66.5

inc

66.4 BBody

TECO BR ALL UNITS + INTERACTION--DAY 164/74/4--MAX 3-HR SO2 PSD CLASS 2 INC *Baseline*

1. 7.0

* * * S O U R C E S * * *

NO.	Q (G/SEC)	HP (M)	TS (DEG-K)	VS (M/SEC)	D(M)	VF(M**3/SEC)	R (KM)	S (KM)	
1.	2931.05	149.4	422.0	14.3	7.32	0.0	361.600	3075.000	TECO 1 100% 35T/H SO2
2.	2987.68	149.4	417.0	14.4	7.32	0.0	361.600	3075.000	TECO 3 100% 35T/H SO2
3.	31.51	24.4	363.0	6.0	1.40	0.0	363.200	3082.400	GARDINIER 8-01
4.	56.19	22.6	360.0	7.4	1.60	0.0	363.200	3082.400	GARDINIER 8-02
5.	74.94	21.9	360.0	9.1	1.80	0.0	363.200	3082.400	GARDINIER 8-03
6.	175.74	28.0	357.0	6.2	2.90	0.0	363.200	3082.400	GARDINIER 8-04
7.	186.11	29.3	352.0	7.1	3.30	0.0	363.200	3082.400	GARDINIER 8-05
8.	52.39	45.7	355.0	11.1	2.70	0.0	363.200	3082.400	GARDINIER 8-06
9.	6.57	26.8	340.0	7.7	0.40	0.0	362.900	3082.900	GARDINIER 8-07
10.	3.92	23.8	346.0	3.3	1.80	0.0	362.900	3082.500	GARDINIER 8-32
11.	3.74	23.8	345.0	3.3	1.80	0.0	362.900	3082.500	GARDINIER 8-33
12.	2.45	20.7	317.0	10.0	1.10	0.0	362.900	3082.500	GARDINIER 8-36
13.	2.53	20.7	310.0	14.8	1.10	0.0	362.900	3082.500	GARDINIER 8-38
14.	3.74	18.3	589.0	6.9	2.50	0.0	362.900	3082.500	GARDINIER 8-42
15.	0.14	10.7	344.0	9.2	3.00	0.0	360.100	3087.500	IMC PHOS. 24-01
16.	6.39	27.4	477.0	24.2	0.90	0.0	363.100	3089.000	NITRAM INC. 29-03
17.	5.01	27.4	505.0	24.2	0.90	0.0	363.100	3089.000	NITRAM INC. 29-04
18.	334.91	61.0	427.0	8.3	4.30	0.0	360.000	3087.500	GANNON 40-01
19.	455.56	76.2	427.0	17.1	3.00	0.0	360.000	3087.500	GANNON 40-02
20.	453.28	76.2	403.0	14.8	3.20	0.0	360.000	3087.500	GANNON 40-03
21.	474.77	71.6	414.0	29.3	2.90	0.0	360.000	3087.500	GANNON 40-04
22.	808.27	70.1	415.0	14.3	4.50	0.0	360.000	3087.500	GANNON 40-05
23.	910.08	93.3	417.0	16.0	5.40	0.0	360.000	3087.500	GANNON 40-06
24.	27.27	30.5	344.0	15.2	0.70	0.0	361.800	3088.300	CHLORIDE METALS 50-01
25.	539.24	121.9	416.0	14.9	7.90	0.0	367.600	3055.100	FPL MANATEE 10-01
26.	539.24	121.9	416.0	14.9	7.90	0.0	367.600	3055.100	FPL MANATEE 10-02

* * * R E C E P T O R S * * *

NO.	RREC(KM)	SREC(KM)	Z (M)			
1.	360.380	3075.440	0.0			
2.	360.280	3075.480	0.0			
3.	360.190	3075.510	0.0			
4.	360.100	3075.550	0.0			
5.	360.000	3075.580	0.0			
1.	176.	2.6	2	913.	304.0	0.0
2.	105.	2.1	1	1122.	304.0	0.0
3.	196.	3.6	2	1331.	305.0	0.0

AVERAGE CONCENTRATIONS FOR 3 HOURS.

RECEPTOR NUMBER

	1.	2.	3.	4.	5.
SOURCE	PARTIAL CONCENTRATIONS (G/M**3)				
1.	3.910E-04	3.824E-04	3.697E-04	3.487E-04	3.329E-04
2.	4.002E-04	3.904E-04	3.771E-04	3.555E-04	3.393E-04
3.	0.0	0.0	0.0	0.0	0.0
4.	0.0	0.0	0.0	0.0	0.0
5.	0.0	0.0	0.0	0.0	0.0
6.	0.0	0.0	0.0	0.0	0.0
7.	0.0	0.0	0.0	0.0	0.0
8.	0.0	0.0	0.0	0.0	0.0
9.	0.0	0.0	0.0	0.0	0.0
10.	0.0	0.0	0.0	0.0	0.0
11.	0.0	0.0	0.0	0.0	0.0
12.	0.0	0.0	0.0	0.0	0.0
13.	0.0	0.0	0.0	0.0	0.0
14.	0.0	0.0	0.0	0.0	0.0
15.	0.0	0.0	0.0	0.0	0.0
16.	0.0	0.0	0.0	0.0	0.0
17.	0.0	0.0	0.0	0.0	0.0
18.	0.0	0.0	0.0	0.0	0.0
19.	0.0	0.0	0.0	0.0	0.0
20.	0.0	0.0	0.0	0.0	0.0
21.	0.0	0.0	0.0	0.0	0.0
22.	0.0	0.0	0.0	0.0	0.0
23.	0.0	0.0	0.0	0.0	0.0
24.	0.0	0.0	0.0	0.0	0.0
25.	2.851E-07	2.568E-07	2.330E-07	2.120E-07	1.896E-07
26.	2.851E-07	2.568E-07	2.330E-07	2.120E-07	1.896E-07
	TOTAL CONCENTRATION (G/M**3)				
	7.918E-04	7.732E-04	7.472E-04	7.046E-04	6.720E-04

APPENDIX E

Appendix E: Maximum Composite Tables: Baseline, Projected, and PSD Increments

TECO BIG BEND PSD---3-HR SO2 BASELINE MAXIMUM COMPOSITE TABLE

35T/HR

DIR	0.5KM	1.0KM	1.5KM	2.0KM	2.5KM	3.0KM	3.5KM	4.0KM	4.5KM	5.0KM
1	0.5	728.7	1022.2	796.1	757.3	742.9	690.0	606.9	576.7	576.8
2	0.5	665.4	868.5	688.3	605.1	568.5	608.5	617.2	605.8	628.4
3	0.4	618.0	863.7	742.1	635.0	666.0	651.3	664.3	635.8	593.2
4	0.5	789.9	907.7	724.0	670.2	659.1	675.4	732.5	746.8	734.3
5	0.4	847.1	1115.1	1003.4	925.9	830.8	803.5	850.2	853.4	831.5
6	0.5	824.8	998.1	846.6	747.7	719.8	682.0	717.8	697.6	674.3
7	0.5	741.5	917.8	770.6	757.0	782.1	774.5	730.9	724.0	701.4
8	0.4	513.7	758.0	693.5	833.6	873.4	839.0	775.4	706.7	668.9
9	0.5	703.2	1114.5	894.6	839.5	963.7	1057.0	1089.3	1084.4	1058.7
10	0.4	955.8	1079.3	833.1	766.9	805.0	810.9	774.2	766.6	761.4
11	0.3	955.8	1001.6	767.7	624.3	571.1	565.0	600.5	564.2	523.0
12	0.2	536.3	527.7	574.8	659.5	644.6	563.8	565.5	588.1	532.0
13	0.1	235.3	229.5	314.5	381.1	481.2	542.3	555.2	540.3	511.3
14	0.2	203.6	215.8	332.0	423.1	476.6	485.5	480.0	490.5	480.0
15	0.3	414.0	502.0	397.9	480.8	438.8	453.9	484.4	507.2	522.0
16	0.3	605.1	827.9	681.0	558.3	472.6	466.8	497.6	521.6	514.4
17	0.4	706.8	708.4	554.8	456.6	433.1	473.1	509.6	504.9	484.9
18	0.4	738.3	548.1	423.0	403.0	462.8	486.6	511.4	550.8	551.9
19	0.5	598.6	471.7	386.2	370.7	403.2	440.4	458.1	490.9	499.4
20	0.4	530.0	565.9	436.8	450.7	520.5	517.4	496.2	477.9	477.1
21	0.4	751.9	795.9	579.1	620.9	665.4	652.9	629.9	647.7	646.5
22	0.4	578.6	576.7	541.0	637.6	698.5	745.1	698.8	640.8	584.8
23	0.5	722.6	956.1	744.3	712.8	662.2	613.4	636.6	660.8	629.6
24	0.4	669.1	888.0	686.4	626.7	682.3	706.8	725.9	747.2	775.2
25	0.2	723.4	770.7	656.4	671.8	703.5	716.3	702.2	707.8	690.6
26	0.3	609.0	753.0	756.9	682.5	693.9	671.4	619.7	623.4	634.0
27	0.5	723.0	1125.0	908.8	896.0	804.7	712.1	687.1	669.2	655.6
28	0.5	951.5	1094.5	864.8	719.2	674.0	638.3	668.6	645.8	620.8
29	0.4	588.1	756.4	832.4	998.8	915.0	832.6	759.3	694.8	638.5
30	0.4	639.6	794.7	761.6	753.3	783.5	808.4	811.9	739.8	667.0
31	0.5	606.0	669.3	652.2	743.1	762.5	733.4	693.2	631.0	625.5
32	0.4	747.6	641.9	643.9	631.2	674.8	706.9	738.1	750.8	731.7
33	0.4	692.1	740.8	766.3	708.3	733.8	731.8	715.3	719.3	744.8
34	0.4	514.9	576.5	548.0	679.3	673.0	677.4	667.7	711.6	721.1
35	0.2	292.6	531.4	678.6	766.0	788.4	733.7	654.2	573.5	500.8
36	0.4	603.5	694.2	551.3	664.6	697.6	717.3	697.4	661.5	620.4

300/4hr/Baghouse
1000-1100

TECO BIG BEND PSD--24-HR SO2 BASELINE MAXIMUM COMPOSITE TABLE 32 T/HR

DIR	0.5KM	1.0KM	1.5KM	2.0KM	2.5KM	3.0KM	3.5KM	4.0KM	4.5KM	5.0KM
1	0.1	83.7	116.8	91.0	86.6	85.9	89.3	97.4	92.9	91.3
2	0.1	76.1	99.3	85.3	90.3	101.8	102.4	104.2	100.7	103.4
3	0.1	70.7	98.9	86.3	87.9	93.1	101.2	108.6	111.0	109.0
4	0.1	90.3	126.9	105.4	94.7	99.1	98.8	100.8	104.1	103.5
5	0.1	103.9	124.6	123.8	130.5	136.0	137.4	135.5	133.9	129.2
6	0.1	117.0	139.1	117.9	114.9	125.5	127.5	121.7	122.1	117.6
7	0.1	84.8	114.2	114.7	135.8	139.7	134.2	126.8	120.6	114.2
8	0.0	61.1	89.5	112.5	138.0	138.5	133.1	126.4	116.6	113.8
9	0.1	80.4	127.4	126.5	153.5	169.8	182.2	181.7	185.3	187.6
10	0.0	109.7	129.3	115.3	138.6	147.6	150.9	146.9	140.3	132.8
11	0.0	109.3	114.5	87.8	78.8	87.2	102.8	109.3	109.7	106.4
12	0.0	61.3	66.3	84.4	86.3	78.3	91.3	98.2	107.2	99.0
13	0.0	27.1	45.1	63.4	78.4	89.2	89.3	88.0	83.6	83.1
14	0.0	23.3	24.7	42.8	58.6	71.5	74.4	72.8	69.1	64.7
15	0.0	49.4	57.3	53.9	59.1	61.7	67.5	61.8	63.8	65.5
16	0.0	75.0	94.6	77.8	65.9	62.7	71.7	74.4	76.4	81.1
17	0.0	139.2	124.1	95.7	78.4	66.5	65.0	66.7	69.5	69.3
18	0.1	84.4	77.3	58.3	71.7	66.5	71.0	79.7	80.1	84.6
19	0.1	68.4	54.0	46.1	57.1	59.4	58.3	61.0	63.5	63.0
20	0.1	60.6	64.6	66.5	79.9	82.7	82.9	77.5	80.9	82.7
21	0.0	85.9	95.1	88.7	110.7	117.4	122.4	111.0	110.9	109.1
22	0.1	85.2	105.3	97.4	96.8	97.6	101.8	106.1	102.6	98.2
23	0.1	76.4	109.3	116.5	122.9	117.2	116.0	110.8	103.6	95.7
24	0.1	76.4	101.5	78.4	90.1	125.0	153.8	178.3	178.7	171.7
25	0.0	82.7	108.4	83.6	97.0	111.7	116.3	122.7	121.1	120.0
26	0.0	80.9	100.1	93.0	116.4	129.9	136.1	132.1	131.1	129.1
27	0.1	82.7	128.5	106.0	130.7	141.6	149.6	149.4	144.5	137.3
28	0.1	108.7	125.1	98.8	96.9	104.1	106.5	106.5	103.9	99.4
29	0.1	67.2	86.5	95.2	114.1	104.6	105.7	105.9	103.3	99.2
30	0.0	73.1	90.8	88.4	91.7	101.5	110.9	109.7	102.5	102.2
31	0.1	69.3	76.5	75.7	87.5	89.0	93.7	91.7	99.7	100.3
32	0.1	85.5	74.1	87.1	99.7	104.1	105.3	103.4	103.3	99.8
33	0.1	79.1	92.7	97.1	116.0	126.1	126.2	121.1	113.3	103.2
34	0.0	58.9	65.9	95.9	86.1	87.9	102.6	104.6	111.7	112.7
35	0.0	35.0	60.7	82.2	96.3	103.5	101.5	95.0	86.9	80.3
36	0.0	68.9	79.4	82.4	101.3	118.4	116.3	109.5	101.9	94.4

8

UNITS 1-3
0.1 #/MMBTU

TECO BIG BEND PSD--24-HR TSP BASELINE MAXIMUM COMPOSITE TABLE

DIR	0.5KM	1.0KM	1.5KM	2.0KM	2.5KM	3.0KM	3.5KM	4.0KM	4.5KM	5.0KM
1	0.0	1.6	2.2	1.7	1.6	1.6	1.7	1.8	1.8	1.7
2	0.0	1.4	1.9	1.6	1.7	1.9	1.9	2.0	1.9	2.0
3	0.0	1.3	1.9	1.6	1.7	1.8	1.9	2.1	2.1	2.1
4	0.0	1.7	2.4	2.0	1.8	1.9	1.9	1.9	2.0	2.0
5	0.0	2.0	2.4	2.3	2.5	2.6	2.6	2.6	2.5	2.5
6	0.0	2.2	2.6	2.2	2.2	2.4	2.4	2.3	2.3	2.2
7	0.0	1.6	2.2	2.2	2.6	2.7	2.5	2.4	2.3	2.2
8	0.0	1.2	1.7	2.1	2.6	2.6	2.5	2.4	2.2	2.2
9	0.0	1.5	2.4	2.4	2.9	3.2	3.5	3.4	3.5	3.6
10	0.0	2.1	2.5	2.2	2.6	2.8	2.9	2.8	2.7	2.5
11	0.0	2.1	2.2	1.7	1.5	1.7	2.0	2.1	2.1	2.0
12	0.0	1.2	1.3	1.6	1.6	1.5	1.7	1.9	2.0	1.9
13	0.0	0.5	0.9	1.2	1.5	1.7	1.7	1.7	1.6	1.6
14	0.0	0.4	0.5	0.8	1.1	1.4	1.4	1.4	1.3	1.2
15	0.0	0.9	1.1	1.0	1.1	1.2	1.3	1.2	1.2	1.2
16	0.0	1.4	1.8	1.5	1.3	1.2	1.4	1.4	1.5	1.5
17	0.0	2.6	2.4	1.8	1.5	1.3	1.2	1.3	1.3	1.3
18	0.0	1.6	1.5	1.1	1.4	1.3	1.3	1.5	1.5	1.6
19	0.0	1.3	1.0	0.9	1.1	1.1	1.1	1.2	1.2	1.2
20	0.0	1.2	1.2	1.3	1.5	1.6	1.6	1.5	1.5	1.6
21	0.0	1.6	1.8	1.7	2.1	2.2	2.3	2.1	2.1	2.1
22	0.0	1.6	2.0	1.8	1.8	1.9	1.9	2.0	1.9	1.9
23	0.0	1.5	2.1	2.2	2.3	2.2	2.2	2.1	2.0	1.8
24	0.0	1.5	1.9	1.5	1.7	2.4	2.9	3.4	3.4	3.3
25	0.0	1.6	2.1	1.6	1.8	2.1	2.2	2.3	2.3	2.3
26	0.0	1.5	1.9	1.8	2.2	2.5	2.6	2.5	2.5	2.5
27	0.0	1.6	2.4	2.0	2.5	2.7	2.8	2.8	2.7	2.6
28	0.0	2.1	2.4	1.9	1.8	2.0	2.0	2.0	2.0	1.9
29	0.0	1.3	1.6	1.8	2.2	2.0	2.0	2.0	2.0	1.9
30	0.0	1.4	1.7	1.7	1.7	1.9	2.1	2.1	1.9	1.9
31	0.0	1.3	1.5	1.4	1.7	1.7	1.8	1.7	1.9	1.9
32	0.0	1.6	1.4	1.7	1.9	2.0	2.0	2.0	2.0	1.9
33	0.0	1.5	1.8	1.8	2.2	2.4	2.4	2.3	2.2	2.0
34	0.0	1.1	1.3	1.8	1.6	1.7	1.9	2.0	2.1	2.1
35	0.0	0.7	1.2	1.6	1.8	2.0	1.9	1.8	1.7	1.5
36	0.0	1.3	1.5	1.6	1.9	2.2	2.2	2.1	1.9	1.8

(7)

0.5, 1.0, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0

1.0, 2.0, 3.0, 4.0

TECO BIG BEND PSD---3-HR SO2 PROJECTED MAXIMUM COMPOSITE TABLE 31.5 T/HR

	0.5KM	1.0KM	1.5KM	2.0KM	2.5KM	3.0KM	3.5KM	4.0KM	4.5KM	5.0KM
1	0.	598.	1001.	781.	655.	639.	643.	573.	503.	522.
2	0.	558.	846.	675.	593.	499.	515.	551.	552.	570.
3	0.	492.	825.	711.	572.	595.	576.	584.	585.	567.
4	0.	704.	846.	668.	615.	612.	577.	619.	652.	657.
5	0.	755.	1084.	932.	872.	792.	707.	724.	685.	653.
6	0.	621.	963.	800.	711.	651.	633.	648.	666.	639.
7	0.	602.	867.	756.	657.	736.	718.	693.	650.	619.
8	0.	428.	739.	611.	753.	699.	694.	665.	621.	572.
9	0.	565.	1087.	877.	750.	856.	972.	1023.	1031.	1016.
10	0.	724.	788.	675.	640.	697.	737.	723.	687.	688.
11	0.	724.	732.	568.	510.	462.	492.	538.	541.	492.
12	0.	394.	513.	450.	556.	632.	553.	520.	549.	509.
13	0.	187.	225.	261.	310.	389.	427.	447.	452.	437.
14	0.	157.	205.	272.	348.	383.	424.	437.	431.	431.
15	0.	335.	491.	370.	384.	430.	376.	412.	446.	457.
16	0.	480.	796.	668.	547.	463.	415.	412.	445.	456.
17	0.	554.	680.	544.	448.	405.	401.	450.	461.	451.
18	0.	590.	463.	360.	333.	394.	387.	424.	470.	495.
19	0.	479.	451.	310.	357.	344.	382.	391.	404.	426.
20	0.	430.	550.	428.	344.	391.	454.	470.	457.	447.
21	0.	610.	760.	568.	510.	571.	595.	586.	565.	579.
22	0.	464.	551.	470.	513.	579.	670.	646.	603.	557.
23	0.	582.	936.	730.	655.	621.	599.	538.	578.	602.
24	0.	527.	870.	664.	548.	601.	600.	659.	664.	673.
25	0.	608.	733.	634.	538.	591.	629.	624.	615.	592.
26	0.	508.	731.	676.	669.	636.	608.	575.	528.	515.
27	0.	600.	1068.	891.	730.	771.	688.	654.	613.	610.
28	0.	873.	1069.	838.	705.	636.	581.	569.	568.	551.
29	0.	489.	824.	762.	752.	682.	616.	558.	509.	478.
30	0.	537.	858.	694.	669.	709.	752.	771.	707.	642.
31	0.	487.	629.	518.	625.	690.	678.	636.	586.	571.
32	0.	600.	613.	522.	483.	534.	597.	613.	670.	667.
33	0.	546.	655.	656.	649.	646.	691.	662.	634.	646.
34	0.	416.	404.	427.	548.	601.	630.	612.	617.	642.
35	0.	243.	520.	551.	651.	708.	678.	615.	545.	479.
36	0.	484.	680.	509.	534.	595.	645.	648.	627.	596.

1000

0/200/400/600/800/1000/1200

TECO BIG BEND PSD--24-HR SO2 PROJECTED MAXIMUM COMPOSITE TABLE 25 T/HR

DIR	0.5KM	1.0KM	1.5KM	2.0KM	2.5KM	3.0KM	3.5KM	4.0KM	4.5KM	5.0KM
1	0.0	59.4	99.3	77.5	65.0	63.8	63.7	64.8	64.1	64.7
2	0.0	55.4	84.0	67.0	59.3	77.3	76.8	81.4	77.6	77.9
3	0.0	48.8	81.9	70.8	64.3	71.7	72.1	79.8	85.6	85.7
4	0.0	69.8	107.1	87.6	76.5	74.8	82.1	76.8	81.1	81.9
5	0.0	75.3	100.5	95.8	99.5	104.5	107.3	107.1	104.3	100.0
6	0.0	78.1	118.2	92.3	81.3	95.2	102.6	95.2	97.5	96.3
7	0.0	59.7	90.2	87.5	99.4	102.1	104.1	99.6	94.4	89.6
8	0.0	42.5	73.3	81.0	93.5	100.9	102.5	100.3	94.4	87.5
9	0.0	56.1	107.8	87.0	106.7	123.9	141.0	145.2	142.1	146.3
10	0.0	72.4	82.8	81.0	97.1	109.6	116.3	116.0	112.6	107.8
11	0.0	71.9	81.5	67.9	56.3	62.3	68.0	71.4	71.1	68.6
12	0.0	39.0	52.1	65.8	73.5	62.7	63.2	70.8	81.0	82.2
13	0.0	18.7	28.5	44.2	52.9	59.7	67.9	69.4	67.5	64.2
14	0.0	15.6	20.3	29.8	38.2	51.0	56.7	57.7	56.2	53.6
15	0.0	37.1	48.7	36.7	50.2	44.7	52.5	51.7	46.7	48.5
16	0.0	47.8	79.0	66.3	54.3	49.8	49.2	53.3	56.2	59.3
17	0.0	96.2	78.7	60.8	49.8	46.0	55.3	49.3	52.6	53.7
18	0.0	58.6	64.5	49.6	50.9	46.4	50.5	59.1	64.0	64.6
19	0.0	47.5	44.8	31.0	40.0	47.2	47.0	45.2	47.6	49.4
20	0.0	42.7	54.6	46.1	56.1	61.3	64.3	61.8	58.3	55.9
21	0.0	60.6	76.1	64.3	78.3	87.4	93.7	91.7	83.8	85.7
22	0.0	59.5	86.3	76.2	74.3	74.8	74.6	82.4	84.3	81.7
23	0.0	53.1	92.9	78.9	84.2	92.2	94.2	91.7	86.7	80.6
24	0.0	53.3	86.3	65.9	62.1	83.7	107.7	121.0	118.2	113.7
25	0.0	60.3	92.1	71.0	68.0	76.0	84.2	90.6	94.7	95.2
26	0.0	56.7	83.5	70.8	82.0	93.3	98.2	93.5	102.9	99.3
27	0.0	59.5	106.0	88.4	92.5	104.0	112.0	114.8	113.2	109.1
28	0.0	86.6	106.0	83.1	70.0	82.2	86.6	84.1	82.1	79.4
29	0.0	48.6	81.7	75.6	74.6	71.7	77.2	74.8	80.0	78.1
30	0.0	53.3	85.2	69.0	68.2	75.9	85.2	87.3	82.8	82.8
31	0.0	48.3	62.5	52.9	62.9	70.8	71.7	69.4	73.8	78.4
32	0.0	59.6	61.1	62.9	73.9	81.9	79.3	84.0	85.8	83.9
33	0.0	54.1	65.0	71.3	84.5	92.2	95.7	93.3	87.6	80.8
34	0.0	41.3	44.1	66.2	69.7	62.1	71.4	82.2	84.6	88.4
35	0.0	24.7	51.6	58.7	70.6	78.5	79.4	75.7	70.2	66.3
36	0.0	48.0	67.5	57.2	71.1	88.7	93.2	89.6	84.6	79.1

145

0

0-25
26-50
51-75
76-100
101-125
126-145

TECO BIG BEND PSD--24-HR TSP PROJECTED MAXIMUM COMPOSITE TABLE

DIR	0.5KM	1.0KM	1.5KM	2.0KM	2.5KM	3.0KM	3.5KM	4.0KM	4.5KM	5.0KM
1	0.0	1.4	2.5	1.9	1.6	1.6	1.6	1.5	1.4	1.4
2	0.0	1.3	2.1	1.7	1.5	1.5	1.8	2.0	1.9	1.9
3	0.0	1.1	2.0	1.8	1.6	1.8	1.8	2.0	2.1	2.1
4	0.0	1.3	2.7	2.2	1.9	1.9	2.0	1.9	2.0	2.0
5	0.0	1.6	2.5	2.4	2.5	2.6	2.7	2.7	2.6	2.5
6	0.0	1.7	2.9	2.3	1.9	2.4	2.6	2.4	2.4	2.4
7	0.0	1.3	2.2	1.9	2.5	2.5	2.6	2.5	2.4	2.2
8	0.0	1.1	1.8	1.6	2.3	2.5	2.6	2.5	2.4	2.2
9	0.0	1.3	2.7	2.2	2.4	3.1	3.5	3.6	3.5	3.6
10	0.0	1.2	1.9	1.6	2.2	2.7	2.9	2.9	2.8	2.7
11	0.0	0.6	1.4	1.1	1.4	1.6	1.6	1.7	1.7	1.7
12	0.0	0.4	0.7	1.3	1.8	1.6	1.4	1.8	2.0	2.0
13	0.0	0.4	0.6	0.9	1.2	1.3	1.7	1.7	1.7	1.6
14	0.0	0.2	0.5	0.5	0.9	1.1	1.2	1.2	1.2	1.2
15	0.0	0.8	1.2	0.9	1.2	1.1	1.3	1.3	1.2	1.2
16	0.0	0.8	2.0	1.6	1.4	1.2	1.2	1.3	1.4	1.5
17	0.0	0.8	0.9	0.7	1.2	1.1	1.4	1.2	1.3	1.3
18	0.0	1.1	1.6	1.2	1.0	1.1	1.2	1.5	1.6	1.6
19	0.0	1.0	1.1	0.7	1.0	1.2	1.2	1.1	1.2	1.2
20	0.0	1.0	1.4	1.1	1.2	1.5	1.6	1.5	1.5	1.4
21	0.0	1.3	1.9	1.6	1.6	2.1	2.3	2.3	2.1	2.1
22	0.0	1.3	2.1	1.9	1.9	1.9	1.9	2.1	2.1	2.0
23	0.0	1.3	2.3	1.8	2.1	2.3	2.3	2.3	2.2	2.0
24	0.0	1.3	2.1	1.6	1.5	1.7	1.9	2.2	2.6	2.8
25	0.0	1.2	2.3	1.8	1.4	1.7	2.0	2.3	2.4	2.4
26	0.0	1.3	2.1	1.8	1.7	2.3	2.5	2.3	2.6	2.5
27	0.0	1.4	2.6	2.2	2.1	2.5	2.8	2.9	2.8	2.7
28	0.0	1.3	2.6	2.1	1.7	2.1	2.2	2.1	2.1	2.0
29	0.0	1.0	1.6	1.3	1.4	1.8	1.9	1.9	2.0	1.9
30	0.0	0.8	1.8	1.7	1.7	1.9	2.1	2.2	2.1	2.1
31	0.0	1.0	1.6	1.3	1.6	1.8	1.8	1.7	1.8	2.0
32	0.0	1.0	1.5	1.3	1.8	2.0	2.0	2.1	2.1	2.1
33	0.0	1.1	1.6	1.6	1.9	2.3	2.4	2.3	2.2	2.0
34	0.0	0.8	1.0	1.2	1.8	1.5	1.6	1.9	2.1	2.2
35	0.0	0.6	1.3	1.3	1.7	2.0	2.0	1.9	1.8	1.7
36	0.0	1.1	1.7	1.3	1.7	2.2	2.3	2.2	2.1	2.0

TITLE= TECH BIG BEND -- 3-HR SO2 PSD INCREMENT-- BIG BEND ONLY

RECEPTOR NO.	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
1	-0.5	-130.7	-21.1	-15.6	-102.0	-104.4	-47.5	-33.5	-74.0	-54.5
2	-0.5	-107.1	-22.2	-13.5	-11.8	-69.1	-93.7	-66.7	-53.7	-58.4
3	-0.4	-126.3	-38.5	-31.5	-62.7	-71.5	-75.0	-80.0	-50.8	-26.0
4	-0.5	-85.8	-61.8	-56.0	-55.4	-47.1	-98.7	-113.7	-94.4	-77.8
5	-0.4	-92.0	-31.3	-71.1	-54.1	-38.8	-96.6	-126.4	-168.2	-178.3
6	-0.5	-203.4	-35.0	-46.4	-36.5	-69.2	-49.4	-69.4	-31.9	-35.0
7	-0.5	-139.9	-50.5	-15.0	-100.4	-45.7	-56.3	-37.8	-74.4	-82.1
8	-0.4	-86.2	-19.1	-83.0	-80.3	-174.6	-144.9	-110.8	-85.4	-96.8
9	-0.5	-138.0	-28.0	-17.5	-89.4	-107.5	-84.9	-66.8	-53.0	-42.8
10	-0.4	-231.4	-290.9	-158.3	-126.7	-107.8	-74.3	-50.8	-80.0	-73.0
11	-0.3	-231.4	-269.9	-199.4	-114.1	-109.0	-72.8	-62.5	-23.6	-30.6
12	-0.2	-142.7	-14.6	-124.9	-104.0	-12.7	-11.1	-45.1	-39.6	-23.1
13	-0.1	-48.7	-4.9	-53.6	-71.3	-92.3	-115.2	-107.8	-88.8	-74.0
14	-0.2	-46.8	-11.2	-60.0	-75.3	-93.9	-61.3	-42.7	-59.7	-48.8
15	-0.3	-78.8	-11.5	-28.0	-96.9	-8.6	-77.9	-72.3	-60.8	-64.6
16	-0.3	-125.1	-31.6	-13.4	-10.9	-9.2	-51.7	-86.1	-76.6	-58.4
17	-0.4	-152.6	-28.3	-10.9	-8.9	-27.8	-72.1	-59.9	-44.2	-34.2
18	-0.4	-148.0	-85.6	-63.5	-70.1	-68.5	-99.4	-87.4	-80.6	-56.9
19	-0.4	-120.0	-20.9	-75.9	-13.3	-59.1	-58.7	-67.3	-86.8	-73.1
20	-0.4	-99.8	-15.5	-8.6	-106.7	-129.5	-63.4	-26.7	-20.5	-29.9
21	-0.4	-141.7	-36.0	-11.5	-110.8	-94.4	-57.8	-44.3	-83.2	-67.1
22	-0.4	-114.8	-25.7	-70.6	-124.6	-119.2	-74.9	-53.1	-38.1	-27.8
23	-0.5	-140.5	-20.3	-14.5	-57.4	-41.2	-14.9	-98.9	-83.2	-28.0
24	-0.4	-142.1	-18.3	-22.2	-78.4	-81.6	-107.2	-66.9	-83.2	-102.4
25	-0.2	-115.2	-38.2	-22.8	-134.1	-112.4	-87.4	-78.3	-92.4	-98.4
26	-0.3	-100.8	-22.1	-81.0	-13.4	-58.4	-63.5	-44.6	-95.5	-119.5
27	-0.5	-122.8	-57.3	-17.8	-165.6	-33.6	-24.6	-33.1	-56.5	-45.6
28	-0.5	-78.5	-25.8	-26.9	-14.0	-37.6	-57.2	-99.7	-77.8	-70.3
29	-0.4	-98.7	-67.7	-70.2	-246.6	-233.0	-217.1	-201.1	-185.6	-160.5
30	-0.4	-102.7	-63.4	-68.1	-84.1	-75.0	-56.8	-40.6	-33.2	-24.7
31	-0.5	-119.5	-70.7	-134.3	-117.9	-73.0	-55.4	-57.2	-45.2	-34.5
32	-0.4	-147.3	-28.7	-122.4	-148.5	-140.7	-110.4	-125.6	-80.8	-65.0
33	-0.4	-146.6	-85.7	-110.2	-59.2	-87.7	-40.9	-52.9	-85.7	-98.9
34	-0.4	-98.6	-172.5	-121.0	-131.5	-72.3	-47.9	-55.8	-94.4	-79.1
35	-0.2	-50.1	-11.5	-127.7	-115.1	-80.0	-55.3	-39.2	-28.7	-21.6
36	-0.4	-119.6	-14.1	-42.1	-131.1	-102.6	-72.3	-49.8	-34.7	-24.8

100
0
-100
-200
-300

TITLE= TECO BIG BEND --24-HR SO2 P8D INCREMENT-- BIG BEND ONLY

RECEPTOR NO.	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
1	-0.1	-24.3	-17.5	-13.5	-21.6	-22.1	-25.6	-32.6	-28.8	-26.6
2	-0.1	-20.7	-15.3	-18.3	-31.0	-24.5	-25.6	-22.8	-23.1	-25.5
3	-0.1	-21.9	-17.0	-15.5	-23.6	-21.4	-29.1	-28.8	-25.4	-23.3
4	-0.1	-20.5	-19.8	-17.8	-18.2	-24.3	-16.7	-24.0	-23.0	-21.6
5	-0.1	-28.6	-24.1	-28.0	-31.0	-31.5	-30.1	-28.4	-29.6	-29.2
6	-0.1	-38.9	-20.9	-25.6	-33.6	-30.3	-24.9	-26.5	-24.6	-21.3
7	-0.1	-25.1	-24.0	-27.2	-36.4	-37.6	-30.1	-27.2	-26.2	-24.6
8	0.0	-18.6	-16.2	-31.5	-44.5	-37.6	-30.6	-26.1	-22.2	-26.3
9	-0.1	-24.3	-19.6	-39.5	-46.8	-45.9	-41.2	-36.5	-43.2	-41.3
10	0.0	-37.3	-46.5	-34.3	-41.5	-38.0	-34.6	-30.9	-27.7	-25.0
11	0.0	-37.4	-33.0	-19.9	-22.5	-24.9	-34.8	-37.9	-38.6	-37.8
12	0.0	-22.3	-14.2	-18.6	-12.8	-15.6	-28.1	-27.4	-26.2	-16.8
13	0.0	-8.9	-16.6	-19.2	-25.5	-29.5	-21.4	-18.6	-16.1	-18.9
14	0.0	-7.7	-4.4	-13.0	-20.4	-20.5	-17.7	-15.1	-12.9	-11.1
15	0.0	-12.3	-8.6	-17.2	-8.9	-17.0	-15.0	-10.1	-17.1	-17.0
16	0.0	-27.2	-15.6	-11.5	-11.6	-12.9	-22.5	-21.1	-20.2	-21.8
17	0.0	-43.0	-45.4	-34.9	-28.6	-20.5	-9.7	-17.4	-16.9	-15.6
18	-0.1	-25.8	-12.8	-8.7	-20.8	-20.1	-20.5	-20.6	-16.1	-20.0
19	-0.1	-20.9	-9.2	-15.1	-17.1	-12.2	-11.3	-15.8	-15.9	-13.6
20	-0.1	-17.9	-10.0	-20.4	-23.8	-21.4	-18.6	-15.7	-22.6	-26.8
21	0.0	-25.3	-19.0	-24.4	-32.4	-30.0	-28.7	-19.3	-27.1	-23.4
22	-0.1	-25.7	-19.0	-21.2	-22.5	-22.8	-27.2	-23.7	-18.3	-16.5
23	-0.1	-23.3	-16.4	-37.6	-38.7	-25.0	-21.8	-19.1	-16.9	-15.1
24	-0.1	-23.1	-15.2	-12.5	-28.0	-41.3	-46.1	-57.3	-60.5	-58.0
25	0.0	-22.4	-16.3	-12.6	-29.0	-35.7	-32.1	-32.1	-26.4	-24.8
26	0.0	-24.2	-16.6	-22.2	-34.4	-36.6	-37.9	-38.6	-28.2	-29.8
27	-0.1	-23.2	-22.5	-17.6	-38.2	-37.6	-37.6	-34.6	-31.3	-28.2
28	-0.1	-22.1	-19.1	-15.7	-26.9	-21.9	-19.9	-22.4	-21.8	-20.0
29	-0.1	-18.6	-4.8	-19.6	-39.5	-32.9	-28.5	-31.1	-23.3	-21.1
30	0.0	-19.8	-5.6	-19.4	-23.5	-25.6	-25.7	-22.4	-19.7	-19.4
31	-0.1	-21.0	-14.0	-22.8	-24.6	-18.2	-22.0	-22.3	-25.9	-21.9
32	-0.1	-25.9	-13.0	-24.2	-25.8	-22.2	-26.0	-19.4	-17.5	-15.9
33	-0.1	-25.0	-27.7	-25.8	-31.5	-33.9	-30.5	-27.8	-25.7	-22.4
34	0.0	-17.6	-21.8	-29.7	-16.4	-25.8	-31.2	-22.4	-27.1	-24.3
35	0.0	-10.3	-9.1	-23.5	-25.7	-25.0	-22.1	-19.3	-16.7	-14.0
36	0.0	-20.9	-11.9	-25.2	-30.2	-29.7	-23.1	-19.9	-17.3	-15.3

3. 5.
4. -50.
5. 0.

TITLE= TECO BIG BEND --24-HR TSP PSD INCREMENT-- BIG BEND ONLY

RECEPTOR NO.	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
1	0.0	-0.2	0.3	0.2	0.0	0.0	-0.1	-0.3	-0.4	-0.3
2	0.0	-0.1	0.2	0.1	-0.2	-0.4	-0.1	0.0	0.0	-0.1
3	0.0	-0.2	0.1	0.2	-0.1	0.0	-0.1	-0.1	0.0	0.0
4	0.0	-0.4	0.3	0.2	0.1	0.0	0.1	0.0	0.0	0.0
5	0.0	-0.4	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.0
6	0.0	-0.5	0.3	0.1	-0.3	0.0	0.2	0.1	0.1	0.2
7	0.0	-0.3	0.0	-0.3	-0.1	-0.2	0.1	0.1	0.1	0.0
8	0.0	-0.1	0.1	-0.5	-0.3	-0.1	0.1	0.1	0.2	0.0
9	0.0	-0.2	0.3	-0.2	-0.5	-0.1	0.0	0.2	0.0	0.0
10	0.0	-0.9	-0.6	-0.6	-0.4	-0.1	0.0	0.1	0.1	0.2
11	0.0	-1.5	-0.8	-0.6	-0.1	-0.1	-0.4	-0.4	-0.4	-0.3
12	0.0	-0.8	-0.6	-0.3	0.2	0.1	-0.3	-0.1	0.0	0.1
13	0.0	-0.1	-0.3	-0.3	-0.3	-0.4	0.0	0.0	0.1	0.0
14	0.0	-0.2	0.0	-0.3	-0.2	-0.3	-0.2	-0.2	-0.1	0.0
15	0.0	-0.1	0.1	-0.1	0.1	-0.1	0.0	0.1	0.0	0.0
16	0.0	-0.6	0.2	0.1	0.1	0.0	-0.2	-0.1	-0.1	0.0
17	0.0	-1.8	-1.5	-1.1	-0.3	-0.2	0.2	-0.1	0.0	0.0
18	0.0	-0.5	0.1	0.1	-0.4	-0.2	-0.1	0.0	0.1	0.0
19	0.0	-0.3	0.1	-0.2	-0.1	0.1	0.1	-0.1	0.0	0.0
20	0.0	-0.2	0.2	-0.2	-0.3	-0.1	0.0	0.0	0.0	-0.2
21	0.0	-0.3	0.1	-0.1	-0.5	-0.1	0.0	0.2	0.0	0.0
22	0.0	-0.3	0.1	0.1	0.1	0.0	0.0	0.1	0.2	0.1
23	0.0	-0.2	0.2	-0.4	-0.2	0.1	0.1	0.2	0.2	0.2
24	0.0	-0.2	0.2	0.1	-0.2	-0.7	-1.0	-1.2	-0.8	-0.5
25	0.0	-0.4	0.2	0.2	-0.4	-0.4	-0.2	0.0	0.1	0.1
26	0.0	-0.2	0.2	0.0	-0.5	-0.2	-0.1	-0.2	0.1	0.0
27	0.0	-0.2	0.2	0.2	-0.4	-0.2	0.0	0.1	0.1	0.1
28	0.0	-0.8	0.2	0.2	-0.1	0.1	0.2	0.1	0.1	0.1
29	0.0	-0.3	0.0	-0.5	-0.8	-0.2	-0.1	-0.1	0.0	0.0
30	0.0	-0.6	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.2
31	0.0	-0.3	0.1	-0.1	-0.1	0.1	0.0	0.0	-0.1	0.1
32	0.0	-0.6	0.1	-0.4	-0.1	0.0	0.0	0.1	0.1	0.2
33	0.0	-0.4	-0.2	-0.2	-0.3	-0.1	0.0	0.0	0.0	0.0
34	0.0	-0.3	-0.3	-0.6	0.2	-0.2	-0.3	-0.1	0.0	0.1
35	0.0	-0.1	0.1	-0.3	-0.1	0.0	0.1	0.1	0.1	0.2
36	0.0	-0.2	0.2	-0.3	-0.2	0.0	0.1	0.1	0.2	0.2

-1.5 -2
-0 -1
0.5 0
1

3. 4.
4. -2.
5. 1.

-2
-1.5
-1.0
-0.5
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TECO BIG BEND PSD--24-HR TSP CONCENTRATION--UNIT 4 ONLY

DIR	0.5KM	1.0KM	1.5KM	2.0KM	2.5KM	3.0KM	3.5KM	4.0KM	4.5KM	5.0KM
1	0.0	0.4	0.3	0.4	0.3	0.4	0.4	0.4	0.4	0.3
2	0.0	0.3	0.3	0.3	0.5	0.5	0.4	0.4	0.4	0.4
3	0.0	0.4	0.4	0.4	0.4	0.5	0.5	0.4	0.4	0.4
4	0.0	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3
5	0.0	0.8	0.7	0.6	0.5	0.5	0.5	0.5	0.4	0.4
6	0.0	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4
7	0.0	0.4	0.5	0.6	0.6	0.6	0.5	0.5	0.4	0.4
8	0.0	0.3	0.5	0.6	0.6	0.6	0.5	0.5	0.4	0.4
9	0.0	0.4	0.5	0.8	0.9	0.8	0.8	0.7	0.7	0.6
10	0.0	0.5	0.5	0.7	0.7	0.6	0.6	0.5	0.5	0.5
11	0.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
12	0.0	0.2	0.3	0.2	0.4	0.4	0.4	0.4	0.4	0.4
13	0.0	0.1	0.2	0.4	0.4	0.4	0.4	0.4	0.3	0.3
14	0.0	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2
15	0.0	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
16	0.0	0.6	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
17	0.0	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
18	0.0	0.4	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.3
19	0.0	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
20	0.0	0.4	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3
21	0.0	0.4	0.3	0.5	0.6	0.5	0.5	0.5	0.5	0.4
22	0.0	0.4	0.4	0.4	0.5	0.4	0.4	0.4	0.3	0.3
23	0.0	0.4	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3
24	0.0	0.4	0.4	0.4	0.5	0.7	0.8	0.8	0.7	0.7
25	0.0	0.4	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5
26	0.0	0.4	0.4	0.5	0.6	0.6	0.6	0.6	0.6	0.5
27	0.0	0.4	0.4	0.6	0.7	0.7	0.6	0.6	0.5	0.5
28	0.0	0.4	0.3	0.5	0.5	0.5	0.5	0.5	0.4	0.4
29	0.0	0.4	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
30	0.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
31	0.0	0.4	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.4
32	0.0	0.4	0.4	0.5	0.5	0.4	0.4	0.4	0.4	0.3
33	0.0	0.4	0.4	0.5	0.6	0.6	0.5	0.5	0.4	0.4
34	0.0	0.3	0.4	0.5	0.5	0.5	0.4	0.4	0.4	0.3
35	0.0	0.2	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.3
36	0.0	0.3	0.3	0.5	0.5	0.4	0.4	0.4	0.4	0.4

ANNUAL

EPA PSD INCREMENT CONSUMPTION---SO2---BIG BEND SITE

-0.5
-0.9
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-0.9
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-1.7
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-3.0
-1.9
-1.6
-1.5
-1.3
-1.0
-0.7
-1.0
-1.2
-1.1
-1.2
-1.9
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3	2.
4	-5.
5	5.

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ANNUAL

EPA PSD INCREMENT CONSUMPTION---TSP---BIG BEND SITE

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3	6.
4	0.
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ANNUAL

DER PSD INCREMENT CONSUMPTION---TSP---BIG BEND SITE

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-4.0
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-0.2
-0.3
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-0.2
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-0.6
-1.8
-3.2
-4.6
-0.2
-0.2
-0.3
-0.2
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0.7
2.3
-0.1
-1.7
-3.0
-5.0
-0.1
-0.2
-0.2
-0.2
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-3.0
-5.0
-0.2
-0.3
-0.2
-0.2
0.2
1.9
24.0
3.7
-0.9
-2.8
-5.3
-0.2
-0.3

3	6.
4	-5.
5	25.

-2.4
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-0.2
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-0.7
-2.1
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-0.4
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-0.4
-1.4
-2.3
-3.5
-6.1
-0.3
-0.3
-0.4
-0.4
-0.6

-1.0
-0.9
-1.5
-2.1
-2.9
-4.1
-0.2
-0.3
-0.4
-0.5
-0.7
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-3.6
-0.1
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-0.2
-0.3
-0.6
-0.9
-0.8
-1.1
-1.7
-2.1
-2.5
-0.1
-0.2
-0.2
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-0.9
-0.9
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-1.4
-1.7
-1.6

ANNUAL

DER PSD INCREMENT CONSUMPTION---SO2---BIG BEND SITE

-17.6
-19.7
-22.4
-24.9
-29.4
-34.0
-31.4
-31.6
-36.2
-39.5
-42.3
-17.9
-19.3
-21.5
-24.2
-27.7
-33.4
-31.1
-33.2
-37.6
-42.6
-47.5
-17.8
-19.3
-20.4
-21.5
-23.1
-28.6
-27.8
-33.1
-37.8
-44.5
-52.0
-18.4
-19.7
-20.3
-20.0
-20.0
-22.4
-24.8
-31.5
-38.8
-45.2
-55.5
-18.1
-19.2
-19.5
-19.0
-19.8
-20.8
-23.6
-28.1
-36.2
-45.0
-54.7
-17.7
-18.8
-19.0

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-31.5
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-18.1
-19.2
-19.5
-19.0
-19.8
-20.8
-23.6
-28.1
-36.2
-45.0
-54.7
-17.7
-18.8
-19.0
-18.8
-19.8
-21.4
-24.6
-29.1
-36.5
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-50.9
-16.7
-17.4
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-18.4
-19.6
-23.2
-25.7
-30.9
-37.2
-44.6
-53.1
-15.7
-16.7
-17.5
-18.7
-20.8

-32.9
-29.0
-31.5
-35.7
-40.7
-45.2
-14.9
-15.6
-16.9
-18.8
-24.9
-38.6
-30.1
-30.1
-31.2
-35.3
-41.6
-13.9
-14.7
-16.2
-18.1
-27.4
-37.6
-29.8
-27.9
-30.5
-32.3
-35.1
-13.1
-14.3
-15.3
-17.6
-26.9
-35.0
-29.0
-26.1
-28.0
-28.8
-28.8

ANNUAL INCREMENT CONSUMPTION--SO2--BB UNITS 1-4 ONLY

-0.9
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-1.5
-1.9
-2.4
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-1.3
-1.4
-1.4
-1.3
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-0.2
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ANNUAL INCREMENT CONSUMPTION--ISP--BB UNITS 1-4 ONLY

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APPENDIX F

Appendix F: Baseline SO_2 Emissions for Big Bend Site

BASELINE SO_2 EMISSIONS FOR BIG BEND STATION

Environmental Research & Technology, Inc. (ERT) has established baseline sulfur dioxide (SO_2) emissions from Tampa Electric Company's (TECO) Big Bend Station for use in the Prevention of Significant Deterioration (PSD) analysis being performed for the proposed Unit 4 at that site. The determination was completed by reviewing historical emissions and operating data compiled on the station for the period February 1977 through January 1978. The baseline emissions were determined in accordance with the PSD Regulations promulgated June 19, 1978 and procedures suggested by the Environmental Protection Agency (EPA) Region IV. According to the PSD Regulations, the "actual" emissions of sources are to be used in baseline determinations; these emissions:

> "...include into the baseline any future increases in hours of operation or capacity utilization as they occur if such are allowed to the source as of August 7, 1977, and if the source could reasonably expect to make these increases on this date."

This addendum describes the procedures and equipment used to measure stack gas SO_2 concentrations in Units 1, 2, and 3 and the techniques used to calculate the equivalent emission rates. Potential errors in both the measurement and computational techniques were assessed and a statistical analysis was performed to establish probable maximum SO_2 emissions from each unit.

A.1 Measurement Procedures

The SO_2 emissions for the subject period were measured using four ERT System 5000 Stack Gas Analyzers (SGAs) installed in each stack breeching for Units 1, 2, and 3 at the Big Bend Station. The four SGAs specifically measured flue gas SO_2 concentrations and temperature on a continuous basis for an air quality model validation study (ERT 1979) performed for TECO.

The SGA, which measures concentrations of SO_2, nitrogen oxide (NO), carbon monoxide (CO), and carbon dioxide (CO_2) in the stack gas, is a nondispersive infrared instrument for cross-stack installation on stationary sources. The SGAs installed on Big Bend Station measure only SO_2. Concentrations are determined by measuring the absorption of infrared radiation in an optical path across the stack breeching. Measurements are made directly in the gas stream without need for sampling equipment or clean-up techniques.

Periodically, the stack source is blocked, and instrument span is recorded for radiation passing through a temperature-controlled calibration cell, containing known concentrations of SO_2 within the SGA. The instrument contains a temperature probe for measuring stack gas temperature; that measurement is also used to compensate automatically for the effects of gas temperature on absorption. The optical sensor is protected from the hot, reactive stack gases by a replaceable plastic window, which is transparent to infrared radiation. If fly ash concentrations are high, air blowers are used with both source and sensor units.

The SGA produces five parallel, continuous output signals corresponding to the measured values of gas concentration and stack gas temperature. Suitable span ranges are provided for each application. Also provided are electrical outputs that can be connected to recorders or interfaced with telemetry and data processing systems for continuous recordings of stack gas concentration and temperature. Sequencing through the four gas channels is completed during a one-minute period. Temperature information is multiplexed during the filter change intervals. Continuous outputs for all channels are produced using sample and hold circuitry. When interfaced with telemetry and hourly averages of data processing systems, daily averages or emissions expressed in pounds per million Btu (lb/MMBtu) can be computed and printed out directly.

Instrument design specifications for the ERT system 5000 are listed in Table A-1. The calibration accuracy for SO_2 measurements is ± 30 ppm or $\pm 5\%$, whichever is greater.

A.2 Computational Procedures

In addition to hourly SGA SO_2 concentrations, coincidental hourly steam rates for each unit were recorded to permit determination of flue gas rates and, subsequently, SO_2 emission rates. The relationships of flue gas rate to steam rate are derived from boiler performance data to calculate hourly mass SO_2 emissions in the following manner:

$$SO_{2_m} = SO_{2_v} \cdot \frac{M_s}{M_a} \cdot FGR$$

where

- SO_{2_m} is the mass emission rate (grams per second),
- SO_{2_v} is the stack gas SO_2 concentration in parts SO_2/part air,
- M_s is the molecular weight of SO_2 (64.07 g/mole),
- M_a is the molecular weight of air (28.966 g/mole), and
- FGR is the stack total mass flue gas rate (g/s) determined as a function of steam rate for three ranges of load.

The relationship between flue gas rate and steam rate was derived from boiler performance data, since operational test data were unavailable. These relationships are as follows:

<u>Unit 1</u>

$$FGR = \begin{cases} 87{,}570 + 135{,}954 \cdot SR & \text{for } 2.86 \leq SR \\ 103{,}446 + 130{,}410 \cdot SR & \text{for } 1.85 \leq SR < 2.86 \\ 186{,}288 \cdot SR & \text{for } SR < 1.85 \end{cases}$$

TABLE A-1

ERT SYSTEM 5000 DESIGN SPECIFICATIONS

Parameter	Specification
Operating Ranges	
Stack Gas Temperature	20° to 600°F
Stack Gas Opacity	0 to 75%
Window Transmission	As low as 50% is tolerable
Ambient Temperature Range	-30°C to 40°C (-20°F to +105°F)
Humidity	0 to 100% relative
Power Requirements	Sensor: 500 watts at 110 volts ± 20%, 60 Hz
	Source: 2,000 watts at 220 volts ± 20%, 60 Hz
Output	0-10 volts all channels
Vibration	No special vibration isolation required
Gas Concentration Ranges	
SO_2	500 ppm minimum full scale or greater as required
Calibration Accuracy	
SO_2	±30 ppm or ±5% of indicated value
Instrument Drift	
At Zero	±30 ppm SO_2 in 24 hours
At Span	±30 ppm SO_2 in 24 hours

Unit 2

$$FGR = \begin{cases} 78{,}624 + 139{,}104 \cdot SR & \text{for } 2.87 \leq SR \\ 104{,}958 + 129{,}906 \cdot SR & \text{for } 1.86 \leq SR < 2.87 \\ 186{,}480 \cdot SR & \text{for } SR < 1.86 \end{cases}$$

Unit 3

$$FGR = \begin{cases} 109{,}746 + 131{,}922 \cdot SR & \text{for } 2.35 \leq SR \\ 80{,}892 + 144{,}270 \cdot SR & \text{for } 1.88 \leq SR < 2.35 \\ 33{,}642 + 169{,}344 \cdot SR & \text{for } 1.57 \leq SR < 1.88 \\ 190{,}764 \cdot SR & \text{for } SR < 1.57 \end{cases}$$

where

FGR is the flue gas rate (g/s), and
SR is the steam rate (10^6 lb/hr).

Fuel sulfur content based on the SGA recorded SO_2 concentrations is determined based on the following relationship:

$$S = \frac{SO_{2_m} \quad (3{,}600 \text{ sec/hr})}{HIR \ (453.6 \text{ g/lb})}$$

where

S is the sulfur content (lb/MMBtu)
SO_{2_m} is the SO_2 emission rate (g/s)
HIR is the heat input rate (Btu/hr)

The formulas for heat input rate as a function of steam rate were also derived from boiler performance data and are as follows:

Unit 1

$$HIR = \begin{cases} 750.51 + 1{,}055.83 \cdot SR & \text{for } 2.86 \leq SR \\ 421.31 + 1{,}171.13 \cdot SR & \text{for } 1.85 \leq SR < 2.86 \\ 1{,}398.33 \cdot SR & \text{for } SR < 1.85 \end{cases}$$

Unit 2

$$HIR = \begin{cases} 750.51 + 1{,}056.51 \cdot SR & \text{for } 2.87 \leq SR \\ 428.13 + 1{,}168.75 \cdot SR & \text{for } 1.86 \leq SR < 2.87 \\ 1{,}399.02 \cdot SR & \text{for } SR < 1.86 \end{cases}$$

Unit 3

$$HIR = \begin{cases} 437.34 + 1{,}080.05 \cdot SR & \text{for } 2.35 \leq SR \\ 297.24 + 1{,}139.41 \cdot SR & \text{for } 1.88 \leq SR < 2.35 \\ -42.13 + 1{,}319.87 \cdot SR & \text{for } 1.57 \leq SR < 1.88 \\ 1{,}292.92 \cdot SR & \text{for } SR < 1.57 \end{cases}$$

where

HIR is the heat input rate (MBtu/hr) and
SR is the steam rate (MM lb/hr).

Based on the hourly SO_2 concentrations and steam loads for the subject period, the maximum 3-hour and 24-hour average SO_2 emission rates for each unit were calculated using these algorithms. These emission rates are uncorrected for unit load. The maximum 3-hour average and 24-hour average SO_2 emission rates are listed in Table A-2.

A.3 Monitoring/Computation Accuracy

The performance levels and the reliability of the continuous monitoring system and the errors inherent in the computational procedures

TABLE A-2

MAXIMUM 3-HOUR AND 24-HOUR AVERAGE SO_2 EMISSION RATES

	Emission Rate (ton/hr)	
Unit	3-Hour	24-Hour
1	11.53	11.25
2	11.54	11.19
3	9.69	8.6

have been evaluated. The potential inaccuracies in the determination of SO_2 emission rates from recorded stack gas SO_2 concentrations and unit steam rates include:

- the specified inaccuracy of the SGA relative to corresponding reference methods,
- inaccuracies in the computational procedures, that is, the flue gas rate algorithm, resulting from variations in unit operations, and
- errors resulting from SGA sampling location.

By considering each of these possible errors, individual and composite error bands around calculated SO_2 emission rates were established. Each of these areas are now discussed independently below.

A.3.1 Monitor Accuracy

The SGAs were calibrated before installation in the stack breechings of Units 1, 2, and 3 and were validated in the approved manner as described in the Federal Register. These procedures involved a comparison of SGA measurements with chemical laboratory analyses of the gas extracted from the system. The performance test consisted of SO_2 concentrations measurements taken during the 168-hour "Operation Test Period" (Appendix E, Performance Specification 2, Federal Register, Vol. 40, No. 194, Monday, October 6, 1975).

The SO_2 reference tests were conducted according to Method 6 (Appendix E Federal Register, Vol. 36, No. 247, Thursday, December 23, 1971). Essentially, the method involved withdrawing a sample from the stack using an in-stack probe and a sampling pump. The SO_2 was collected in midget impingers containing hydrogen peroxide and analyzed by titration with barium perchlorate.

There are undetected inaccuracies resulting from deterioration of SGA performance with time; these inaccuracies, however, cannot be isolated

and quantified. Only the specified accuracy of +5% of indicated value that was confirmed by these tasks can be identified.

A.3.2 Dilution Errors

As discussed in Section A.2, the mass emission rate was determined using SGA measurements and the theoretical flue gas rate. The flue gas rate was determined as a function of unit steam rate. The algorithm used is based on boiler performance data for specified total air rates and assumed leakages. Neither the SO_2 concentration nor the theoretical flue gas rate were corrected for dilution effects of high excess-air operation or air heater or ductwork leakage. This could have been corrected if diluent monitors (either oxygen or carbon dioxide) had been installed at the SGA sampling location, or if the flue gas rate had been determined by another means, such as air induced draft fan horsepower and pressure rise, or velocity traverses.

The error band associated with the dilution effect is impossible to determine because of the lack of coincidental empirical data for Units 1, 2, and 3. However, a velocity traverse was performed on each of the stack breechings of Unit 3. To quantify the inaccuracy in computational procedures, the flue gas rate determined by the stack test was compared to that calculated by the theoretical relationships. Figure A-1 presents a graph of the volumetric flow rates determined by each procedure as a function of both unit generation and steam capacity. Note that in the range of load where the maximum SO_2 emission rate was calculated, the theoretical flow rate is much lower than that which actually occurred, primarily because of air preheater, ductwork, and precipitator leakage.

Using the algorithm relating the SO_2 emission rate to measured flue gas concentration, the maximum SO_2 emission rate was calculated based on the empirically derived flue gas rate. The steam rate associated with the maximum emission rate was 2,640 thousand pounds per hour (Mlb/hr). The maximum emission rate using these data would then be 10.66 ton/hr or a 3-hour average of 9.69 ton/hr as computed using

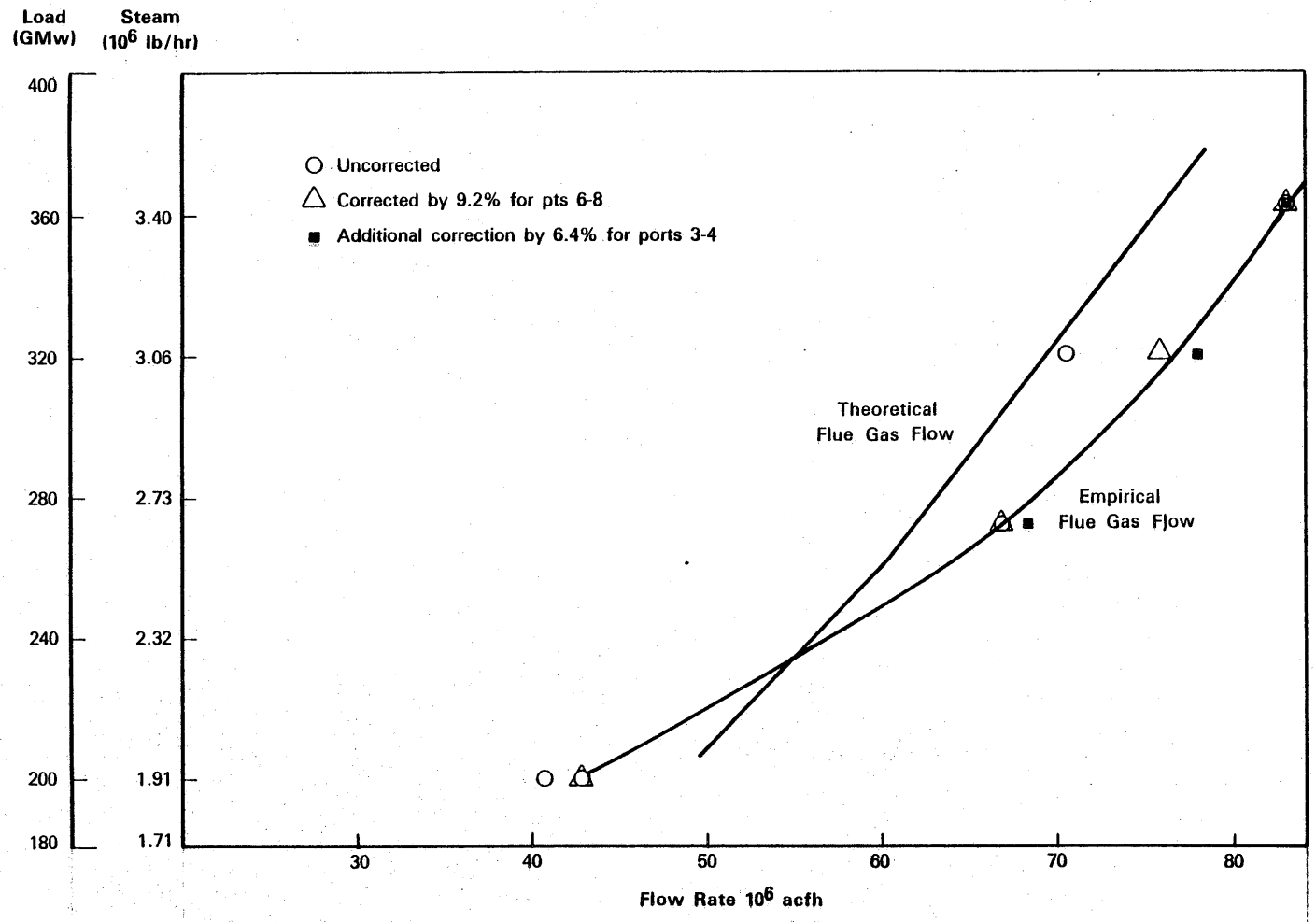

Figure A-1 Theoretical and Empirical Flue Gas Flow Rates vs. Capacity for Big Bend Station Unit 3

the theoretical flow rate. The error in the computational procedure for this particular case is thus -10%; this error increases with higher loads.

Comparable stack test data for Units 1 and 2 are unavailable, making it impossible to quantify the inaccuracy in computational procedures for each unit. Similar errors, however, are highly probable for each unit. Inaccuracies caused by dilution of the flue gas stream, most likely, impart the greatest error in the determination of SO_2 emission rate.

The error in the SO_2 emission rate for each unit is conservatively estimated to range from zero to -10%.

A.3.3 Sampling Location

The SGAs were installed in the stack breechings immediately following the electrostatic precipitators on each of Units 1, 2, and 3. Each installation was located immediately following a 90° bend in the ductwork. Although these locations were not ideal, they were necessarily selected because individual unit emissions were required for the purposes of the validation study.

Considerable leakage may occur both in the precipitator and outlet ducts causing stratification of the flue gas flow, which is identified by a difference in pollutant concentration across the duct. Where stratification is caused by air leakage, inaccuracies in SO_2 concentration measurements would be introduced in these installations. Because neither diluent instrument nor empirical test data are available to corroborate flue gas estimates, these potential inaccuracies cannot be confirmed or quantified.

A.4 Statistical Analysis

To quantify the inaccuracies that may have developed in SGA performance over the one-year baseline period, a statistical analysis was

performed to predict the maximum SO_2 concentration that actually could have occurred over the subjet period and during those time periods when the maximum emission rates recorded. The purpose of this analysis is to identify possible errors in computed SO_2 emission rate; these errors are a function of both fluctuations in the fuel sulfur content and inaccuracies in SGA measurements. Because the computed SO_2 emission rate is a function of the SGA-recorded SO_2 concentration and unit steam capacity, the analysis is limited to hourly recorded SO_2 concentrations and weekly fuel analyses, independent of unit capacity.

A standard technique relating concentration measurements to expected annual maximum concentrations, which was developed by Larsen (1971), was initially applied to the SGA data base. Monthly measurements of concentrations, their means, and standard deviations were applied using the formulas and concepts presented by Larsen (1971). In addition to computations of hourly maxima for each month and for the entire year, cumulative frequency distributions were plotted for the selected months. The results of this analysis indicated <u>significantly</u> larger expected annual hourly, 3-hour, and 24-hour average concentrations than the actual maxima recorded by the SGA. However, on closer inspection it was decided that the Larsen approach was not completely justified for this application and was biased towards generating overly conservative (high) concentration values. The reasons for these high values can be attributed to the following.

- The data base as observed from the cumulative frequency distribution did not support a log-normal distribution hypothesis required for the Larsen analysis.
- As discussed in Horowitz and Barakat (1979), the validity of the Larsen procedure in applications to nonstationary sequence of concentrations (i.e., sequences that exhibit systematic variations over the period of observation) is questionable. In fact, in such applications, overly conservative results are expected.

- Furthermore, plant operations, coal type, and sulfur content were determined to exhibit weekly or monthly fluctuations based on independent sampling tests and measurements.

On closer observations for a set of selected months (those exhibiting low standard deviations and reasonably uniform sulfur content in loadings), the frequency distributions represented a log normal pattern at the greater than 80% or 90% level. Considering these observations and the limitations of the Larsen approach to this particular sample, a separate analysis was initiated for a few selected months. This probabilistic analysis was performed only at the tail-end segment of the distributions.

For each boiler unit, one month of SO_2 values as recorded by the SGA was selected (see Table A-3). The selection of the particular month was based on the criteria of a low standard deviation in the coal analysis and high data capture of the SO_2 values. By analyzing only one month, any variability introduced by seasonal fluctuations in plant operations were minimized. Similarly, selecting a month with a low standard deviation in the fuel sulfur content as determined by weekly coal analyses, tended to reduce the variability associated with that factor. As previously stated, using SO_2 concentrations eliminates unit load as a factor.

The upper percentiles of the monthly distributions of hourly SGA values for each unit were plotted for the selected months. Figure A-2 presents the upper 50 percentile for these distributions for each unit. From these plots, the concentration with a frequency of once per year was obtained. The projected yearly maximum were adjusted by the ratio of the fuel sulfur content (lb/MMBtu) associated with the actual yearly maximum recorded concentration to the average fuel sulfur content associated with the selected months for each unit. The applicability of using the approach of judiciously selecting one month to represent a yearly distribution is supported by the correlation between predicted and recorded concentrations (see Table A-4).

TABLE A-3

STANDARD DEVIATION OF COAL ANALYSIS AND DATA CAPTURE OF SGA INSTRUMENT

Month	Unit 1		Unit 2		Unit 3	
	S*	% D**	S*	% D**	S*	% D**
February 1977	0.2290	83	0.1466	88	0.0707	86
March	0.2370	61	0.2399	94	-	-
April	0.1969	87	0.1218	85	-	-
May	0.1985	99	0.0039	100	0.0577	98
June	0.1952	90	-	-	0.1036	95
July	1.0127	91	1.6963	100	0.3043	100
August	1.8676	93	2.0083	67	2.2287	95
September	1.8474	99	0.9409	100	1.6414	100
October	0.8465	99	1.1635	99	1.3646	100
November	-	-	0.3021	94	0.2320	100
December	-	-	0.3154	99	0.3493	100
January	0.2812	56	0.3423	100	0.3868	100
February	1.0995	86	0.2847	99	0.2383	100

*S = standard deviation of coal analysis lbs SO_2/MMBtu.

**% D = % data capture of SGA.

Underlined data selected for analysis.

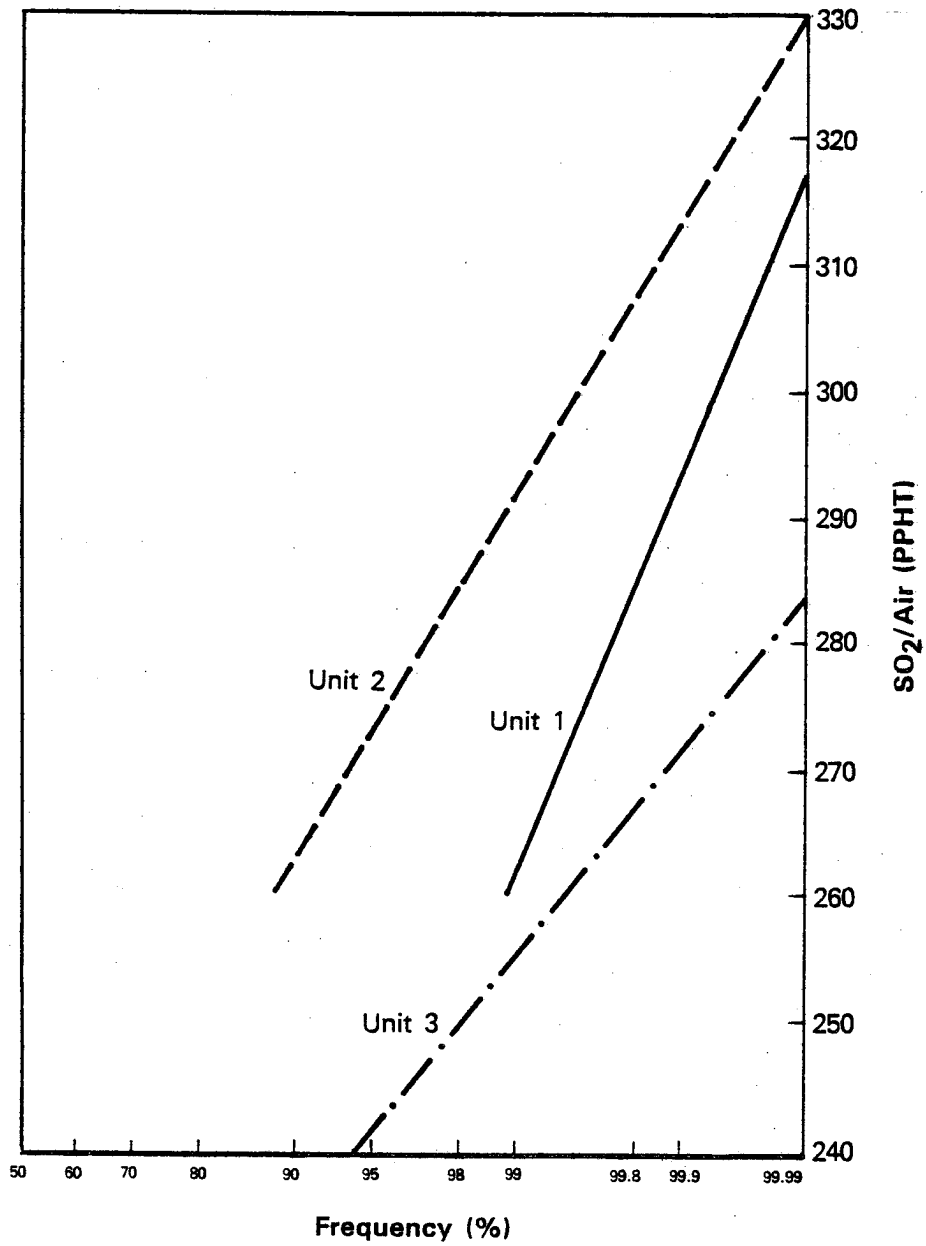

Figure A-2 Upper Percentile of Frequency Distribution of Recorded SO_2 Concentrations

TABLE A-4

PROJECTED MAXIMUM SO_2 CONCENTRATIONS (ppht)

	Unit 1	Unit 2	Unit 3
Projected yearly 1-hour maximum	316	330	283
Projected yearly* 1-hour maximum	321	314	333
Actual recorded yearly 1-hour maximum	321	319	303

*Scaled by the ratio of fuel sulfur content associated with the actual yearly maximum to the sulfur content associated with selected months for each unit.

Similarly, the projected yearly maximum concentrations for each unit were adjusted by the ratio of the fuel sulfur contents associated with the maximum emission rates (3- and 24-hour averages) to those sulfur contents associated with the selected month. This procedure minimizes the effects of the insufficient size of the data sample and the variability of plant operation. Table A-4 presents the projected yearly maximum hourly concentrations that could have occurred during the period of the maximum emission rates. Based on this statistical approach, the maximum 3- and 24-hour average emission rates that could have been reasonably expected to have occurred were determined and are presented in Table A-5.

The State of Florida Air Pollution Rules (APR 17-2) on August 7, 1977 stipulated "allowable" SO_2 emissions for Big Bend Station of 35 ton/hour, on a 3-hour average, and 32 ton/hour, on a 24-hour average. Since the actual emissions could have equaled or exceeded the allowable emissions, the latter SO_2 emission levels were used in the baseline determination.

TABLE A-5

PROJECTED MAXIMUM 3-HOUR AND 24-HOUR AVERAGE SO_2 EMISSION RATES*

	Emission Rate (ton/hour)	
Unit	3-Hour	24-Hour
1	12.45	12.23
2	12.47	12.29
3	10.63	9.47
Total	35.55	33.99

*SGA concentrations for selected months were scaled by the ratio of fuel sulfur content associated with the yearly maximum emission rate to the sulfur content associted with the selected month; this concentration was assumed to occur during the averaging periods of the maximum SO_2 emission rates.

References

Horowitz, J. and S. Barakats 1979. Statistical Analysis of the Maximum Concentration of an Air Pollutant: Effects of Autocorrelation and Nonstationary. Atmos. Environ. V13 pp 811-818, 1979.

Larsen, R. I 1971. A Mathematical Model for Relating Air Quality Measurements to Air Quality Standards. U.S. EPA Pub. No. AP-89.

APPENDIX G

Appendix G: List of Identified New and Modified Sources Commencing Construction After January 1, 1975

HILLSBOROUGH COUNTY

SOURCE NAME	NEDS NO.	NEW SOURCE	MODIFIED SOURCE	CONST. PERMIT NO.	DATE ISSUED	OPERAT. PERMIT NO.	DATE ISSUED
Chloride Metals - Baghouse	50-01		x	AC29-6488	4-18-78		
Chloride Metals - Dust Collect			x	AC29-6496	6-14-78	AO29-16199	2-27-79
Chloride Metals - Lead oxide plant w/baghouse		x		AC29-6495	6-14-78	AO29-16197	2-27-79
Robbins Mfg. Co.	44-1-4		x	AC29-2517	7-11-77	AO29-6095	1-19-78
Ralston Purina Co.	19-04		x	AC29-6220	1-6-78		
Independent Stevedoring		x		AC29-17436	4-30-79		
Scrap - All	54-2	x		AC29-6457	3-27-78		
FL Rock Industry		x		AC29-6425	3-27-78		
Scrap - All	54-1	x		AC29-2492			
Helena Chemical Co.	115-1		x	AC29-2407	1-31-75	AO29-2407	8-24-76
Carns Pipe Co.		x		AC29-13778	9-29-78	AO29-15954	3-13-79
Mineral Aggregates	27-01		x	AC29-2172A	1-16-76	AO29-7000	
W R Bonsal	#97-1-4		x	AC29-2203	9-1-75		
Gulf Coast Lead	57-1		x	AC29-12606	9-25-78		
GAF Corp.	56-1-2		x	AC29-6995	9-19-78		
General Portland # 4 & 5 Kilns		x		AC29-2378	10-31-75	AO29-16529	4-6-79
Sugar Rose Canning Co.		x		AC29-2117	9-25-77	AO29-6212	2-9-78
Superior Fertilizer	73-1		x	AC29-2415	5-12-75	AO29-2415	10-20-75
Camden Grain Co.		x		AC29-5628	9-8-77	AO29-6787	7-28-78
Agrico Chemical Co.	94-1-4	x			9-75		

PINELLAS COUNTY

SOURCE NAME	NEDS NO.	NEW SOURCE	MODIFIED SOURCE	CONST. PERMIT NO.	DATE ISSUED	OPERAT. PERMIT NO.	DATE ISSUED
Marolf Inc. - Cement Storage Sito	108-01	x		AC52-6173	3-3-78	A052-6173	
Gulf Machinery Co.	68-01	x		AC52-2034	6-6-77	A052-6978	9-12-78
VA Hospital - Boilers	71-01	x		AC52-15122	4-13-79		
A.T. Moorefield Paving - scrubber			x		3-31-75	A052-2047A	6-8-76
Sanitary Dash Mfg. Co.		x		AC52-3141	9-76	A052-13447	10-27-78

MANATEE COUNTY

SOURCE NAME	NEDS NO.	NEW SOURCE	MODIFIED SOURCE	CONST. PERMIT NO.	DATE ISSUED	OPERAT. PERMIT NO.	DATE ISSUED
Cutler Hammer Inc. - Paint Spray Booths	30-03	x		AC41-12488	10-23-79		
Cutler Hammer Inc. - Vapor Degreaser		x		AC41-13504	12-28-78		
Cutler Hammer Inc. - Steam Boiler		x		AC41-13505	12-28-78		
Miller Trailer Co - Dust Collector	31-01		x	AC41-17114	4-9-79		
Dolime Minerals - Boiler	25-02	x		AC41-6246	4-18-78		
Dolime Minerals - Sulfur Terminal	28-01	x		AC41-6245	4-18-78		
Tropicana Products	7-13		x	AC41-6890	12-11-78		
Rinker Materials	6-1		x	AC41-2162	7-17-78	A041-6621	7-17-78
Nord Southern Dolomite Co. - Baghouse	26-01		x	AC41-6159	2-21-78		
Manatee Sulfur Corp.		x		No permit in file. Info. from appl.	2-22-77		
Rinker Materials			x	AC41-2162	7-18-77		
Tropicana	7-14		x	AC41-6927	10-27-78		
Cutler Hammer - Vapor Degreaser # 2	30-01	x		AC41-12484	10-23-78		
Cutler Hammer - Vapor Degreaser # 1	30-02	x		AC41-12486	10-23-78		

PASCO COUNTY

SOURCE NAME	NEDS NO.	NEW SOURCE	MODIFIED SOURCE	CONST. PERMIT NO.	DATE ISSUED	OPERAT. PERMIT NO.	DATE ISSUED
National Papaya - Boiler	20-10	x		AC51-2805	9-12-78		
FPC Anclote		x		AC51-14732	2-5-79		
Evans Packing		x		AC51-7038	1-25-79		
Evans Packing		x		AC51-7039	1-26-79		
Evans Packing		x		AC51-7040	1-26-79		
Cement Products		x		AC51-17542	5-21-79		
Pinellas Concrete	23-02	x		AC51-6591	7-17-78	AO51-13819	1-12-79
Pinellas Concrete	23-01	x		AC51-6590	7-17-78	AO51-13820	1-12-79
Fla. Mining & Minerals - Fly Ash Storage	8-02	x				AO51-6174	3-23-78
Fla. Mining & Minerals - Cement Storage	8-01	x				AO51-6175	3-22-78
Blommel - Rotary Dryer	19-01	x		AC51-2600		AO51-5939	1-19-78
Interspace - 350 Bbl Silo		x		AC51-2264A	1-23-76	AO51-2264A	6-24-76
Ewell Industries - Dust Collector	24-02		x	AC51-12350	9-26-78	AO51-15697	3-8-79
Ewell Industries - Dust Collector	24-01		x	AC51-12351	9-26-78	AO51-15697	3-8-79

APPENDIX H

Appendix H: Meteorological Data: Worst Days and Periods

PTMTPW MET FOR BIG BEND Y PSD

71220	0	0			
	97.	1.0	7	1541.	297.
	100.	1.0	7	1545.	296.
	77.	1.5	7	1549.	296.
	74.	1.5	7	1553.	296.
	102.	1.5	7	1558.	296.
	87.	1.5	6	0.	295.
	96.	1.5	5	200.	296.
	89.	1.5	4	399.	301.
	299.	2.1	3	599.	303.
	334.	3.1	2	798.	304.
	274.	3.1	2	998.	305.
	266.	3.1	2	1197.	305.
	268.	3.6	2	1397.	305.
	275.	4.1	2	1596.	307.
	271.	5.7	3	1596.	307.
	292.	4.1	3	1596.	306.
	281.	4.6	3	1596.	305.
	288.	4.6	4	1596.	304.
	328.	3.6	4	1596.	302.
	310.	2.6	5	1599.	300.
	327.	2.6	5	1602.	300.
	311.	2.1	5	1605.	299.
	328.	2.1	5	1609.	298.
	318.	2.1	5	1612.	298.
71257	0	0			
	260.	1.5	7	1397.	299.
	300.	2.6	6	1414.	298.
	330.	3.6	5	1432.	298.
	47.	2.1	5	1449.	297.
	130.	1.5	4	1467.	297.
	131.	2.6	4	1484.	297.
	150.	2.6	4	1502.	297.
	75.	1.5	3	1519.	299.
	358.	2.6	3	1537.	300.
	11.	3.6	2	1554.	300.
	88.	3.6	2	1572.	302.
	300.	1.5	1	1589.	303.
	262.	4.1	2	1607.	303.
	257.	4.1	3	1624.	303.
	261.	5.1	3	1624.	304.
	269.	6.2	4	1624.	304.
	261.	6.2	4	1624.	302.
	269.	4.1	4	1624.	301.
	290.	2.6	5	1623.	299.
	335.	2.6	5	1619.	298.
	357.	2.1	5	1616.	298.
	369.	1.0	6	1613.	297.
	2.	1.0	6	1609.	296.
	360.	1.0	6	1606.	295.
71328	0	0			
	109.	5.1	5	1513.	291.
	104.	4.1	5	1474.	292.
	96.	5.1	4	1436.	293.
	107.	4.1	4	1398.	293.
	101.	4.6	4	1359.	293.
	98.	3.1	5	1321.	293.
	96.	3.1	5	1282.	292.
	87.	2.6	4	139.	293.
	90.	6.2	4	285.	294.
	141.140	5.1	4	431.	296.
	141.140	3.1	4	576.	297.
	204.263	3.6	4	722.	298.
	179.	5.1	4	868.	298.
	216.	4.1	4	1014.	299.
	237.	3.1	4	1014.	299.
	208.	4.1	4	1014.	299.
	242.	3.1	4	1014.	297.
	237.	3.1	5	1003.	296.
	237.	3.6	4	979.	295.
	279.	2.6	5	955.	294.
	300.	2.1	6	931.	293.
	325.	1.5	7	907.	292.
	345.	2.1	6	883.	291.
	341.	5.1	5	859.	291.
72207	0	0			
	130.	3.6	4	1300.	298.
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

24 HRS

24 HRS

3 HRS

	345.	2.1	8	803.	271.	
	341.	5.1	5	859.	291.	
72207	0	0				
	130.	3.6	4	1300.	298.	
	255.	3.1	4	1324.	295.	
	123.	2.1	4	1347.	295.	24 HRS
	86.	2.1	5	1371.	296.	
	148.	2.6	5	1395.	296.	
	96.	2.6	4	23.	296.	
	97.	3.1	4	221.	298.	
	89.	3.6	3	419.	299.	
	87.	3.1	2	618.	301.	
	274.	2.6	2	816.	302.	
	270.	3.1	2	1014.	303.	
	260.	2.6	1	1212.	304.	
	233.	5.7	2	1410.	305.	
	258.	4.1	3	1608.	303.	
	233.	4.1	3	1608.	304.	
	269.	3.1	3	1608.	303.	
	274.	3.6	3	1608.	302.	
	274.	3.6	3	1608.	303.	
	273.	3.1	4	1608.	301.	
	268.	2.1	5	1571.	301.	
	89.	2.1	5	1514.	300.	
	90.	2.6	5	1458.	299.	
	89.	4.6	4	1401.	299.	
	97.	3.6	4	1345.	298.	
72249	0	0				
	71.	1.5	6	1602.	298.	
	78.	1.5	6	1605.	298.	
	30.	2.1	5	1609.	297.	
	32.	1.0	6	1612.	297.	
	45.	2.1	6	1616.	296.	
	40.	1.0	7	1619.	296.	
	63.	1.5	6	163.	296.	
	92.	1.5	5	375.	300.	
	69.	1.5	4	587.	303.	3 HRS
	351.	2.1	3	799.	304.	
	90.	3.1	2	1011.	305.	
	270.	2.1	1	1223.	305.	
	228.	3.6	2	1435.	305.	
	241.	5.1	3	1647.	305.	
	286.	2.1	4	1647.	303.	
	322.	5.1	3	1647.	306.	
	317.	4.1	3	1647.	305.	
	324.	4.1	4	1647.	304.	
	313.	2.6	5	1644.	300.	
	314.	2.6	6	1633.	299.	
	325.	2.1	6	1622.	299.	
	321.	2.1	6	1611.	298.	
	325.	1.5	7	1599.	298.	
	94.	2.6	6	1588.	297.	
73158	0	0				
	119.	4.1	5	1943.	298.	
	118.	4.1	5	1935.	297.	
	119.	3.1	6	1927.	296.	
	104.	2.6	6	1919.	296.	
	35.	2.1	6	1911.	295.	
	54.	2.1	5	82.	294.	
	59.	2.6	4	302.	295.	
	58.	2.6	4	522.	296.	
	93.	3.6	3	741.	299.	
	104.	3.1	2	961.	301.	
	97.	4.1	2	1180.	303.	
	95.	4.6	2	1400.	304.	
	26.	4.6	3	1619.	305.	3 HR
	26.	5.1	4	1839.	305.	
	83.	6.2	4	1839.	305.	
	63.	5.1	3	1839.	304.	
	82.	6.7	4	1839.	303.	
	89.	6.2	4	1839.	301.	
	83.	6.7	4	1839.	300.	
	56.	6.2	4	1820.	299.	
	72.	5.1	4	1793.	298.	
	58.	4.1	4	1765.	298.	
	1.	5.1	4	1737.	298.	
	[illegible]	3.6	4	1709.	297.	
7323[illegible]		0				
	[illegible]	2.6	6	1755.	298.	
	[illegible]	2.1	6	1750.	298.	
	[illegible]	2.1	6	1744.	296.	

96 – 105
100

	61.	5.1	4	1737.	298.
	65.	3.6	4	1709.	297.
73238	0	0			
	113.	2.6	6	1755.	298.
	102.	2.1	6	1750.	298.
	42.	2.1	6	1744.	296.
	60.	2.6	6	1739.	296.
	78.	3.1	6	1734.	296.
	97.	2.6	5	1729.	296.
	81.	2.6	4	183.	297.
	114.	4.1	3	398.	299.
	110.	3.6	2	613.	301.
	138.	3.6	2	828.	302.
	106.	3.6	2	1043.	304.
	95.	3.6	2	1258.	305.
	148. 146.	3.1	2	1473.	305.
	2. 360.	2.6	1	1688.	305.
	8. CC.	3.6	2	1688.	305.
	130.	4.1	3	1688.	305.
	314.	3.1	4	1688.	304.
	106.	5.7	4	1688.	302.
	156.	2.6	4	1688.	300.
	125.	2.6	5	1689.	300.
	101.	4.1	4	1690.	299.
	44.	2.6	5	1691.	298.
	60.	2.6	5	1692.	298.
	74.	1.5	6	1693.	297.
74164	0	0			
	109.	2.1	6	1968.	296.
	353.	1.5	7	1951.	295.
	338.	2.1	6	1934.	294.
	52.	2.1	6	1917.	294.
	78.	1.5	7	1900.	293.
	62.	2.6	6	79.	294.
	65.	1.0	5	287.	295.
	60.	2.6	4	496.	300.
	92.	2.1	3	705.	302.
	176.	2.6	2	913.	304.
	105.	2.1	1	1122.	304.
	190.	3.6	2	1331.	305.
	172.	5.1	3	1539.	306.
	144.	2.6	2	1748.	306.
	250.	4.1	3	1748.	306.
	274.	4.6	3	1748.	306.
	315.	3.1	4	1748.	306.
	325.	2.1	4	1748.	304.
	326.	4.6	4	1748.	303.
	316.	3.1	5	1727.	301.
	68.	2.6	5	1694.	301.
	117.	2.6	5	1660.	301.
	147.	1.5	6	1627.	299.
	148.	1.0	6	1594.	299.
74226	0	0			
	121.	3.6	5	1266.	298.
	105.	2.6	6	1293.	298.
	76.	2.6	6	1320.	296.
	128.	2.1	6	1347.	296.
	96.	2.1	6	1375.	296.
	56.	2.1	6	1402.	296.
	60.	2.1	5	193.	296.
	112.	4.1	4	397.	299.
	144.	2.6	3	601.	301.
	143. 148.	3.6	2	804.	303.
	155. 160.	1.5	1	1008.	303.
	230. 235.	4.1	2	1212.	304.
	198.	2.6	3	1415.	303.
	248.	2.1	2	1619.	304.
	252.	3.1	2	1619.	305.
	267.	3.1	3	1619.	305.
	317.	1.5	2	1619.	305.
	85.	2.6	3	1619.	305.
	56.	3.1	4	1619.	303.
	62.	1.0	5	1614.	301.
	3.	4.1	5	1608.	300.
	48.	2.1	6	1602.	300.
	103.	3.6	5	1596.	300.
	125.	4.6	5	1590.	300.
74243	0	0			
	158.	2.6	6	1789.	300.
	93.	3.1	6	1772.	300.
	144.	2.1	6	1755.	299.
	141.	1.0	7	1738.	298.
	98.	2.1	6	1721.	298.

24 HRS + 3 HR

3 HR (can't move up 105° to 110° since 105° is a 100° wind)

24 HRS + 3 HRS

	3.		4.1	5	1600.	300.
	48.		2.1	6	1602.	300.
	103.		3.6	5	1596.	300.
	125.		4.6	5	1590.	300.
74243	0	0				
	158.		2.6	6	1789.	300.
	93.		3.1	6	1772.	300.
	144.		2.1	6	1755.	299.
	141.		1.0	7	1738.	298.
	98.		2.1	6	1721.	298.
	133.		3.1	6	1704.	298.
	122.		3.6	5	163.	299.
	125.		3.1	4	364.	301.
	122.		3.1	3	565.	303.
	137.	135.	3.1	2	766.	304.
	153.	151.	4.1	2	967.	304.
	122.	120.	2.1	1	1167.	306.
	208.		4.1	2	1368.	304.
	20.		2.1	1	1569.	307.
	274.		3.6	2	1569.	306.
	16.		3.1	3	1569.	306.
	58.		3.1	4	1569.	305.
	267.		2.1	4	1569.	304.
	225.		3.1	4	1572.	302.
	221.		3.1	4	1590.	302.
	345.		5.7	4	1608.	301.
	316.		2.6	4	1626.	299.
	56.		2.1	4	1644.	299.
	50.		2.1	4	1662.	299.

~~2 HR~~

3 HR

71262	0	0			
	92	2.6	6	1296	297
	91	2.6	5	1316	297
	90	2.1	6	1336	296
	124	2.6	6	1356	296
	125	1.5	7	1377	296
	112	2.6	6	1397	296
	97	2.6	5	136	296
	122	2.1	4	340	299
	118	4.1	3	543	300
	144	3.6	2	746	303
	128	1.5	2	949	304
	343	2.6	1	1153	304
	257	3.1	2	1356	304
	257	3.1	2	1559	305
	295	4.6	3	1559	306
	324	6.2	4	1559	304
	329	5.1	4	1559	304
	336	5.1	4	1559	303
	55	3.6	4	1545	296
	357	4.1	4	1519	296
	70	2.1	5	1493	296
	95	2.1	6	1468	296
	111	2.1	6	1442	296
	103.	2.6	6	1416.	296.
73119	0	0			
	30	1.5	7	1845	286
	17	2.6	6	1841	286
	20	2.6	6	1838	286
	30	2.6	6	1835	286
	59	2.1	6	1831	285
	81	1.5	5	13	285
	59	3.1	4	236	286
	67	3.6	3	460	290
	75	6.2	4	683	293
	49	4.1	3	907	295
	66	3.1	2	1130	296
	344	2.1	1	1354	296
	350	2.6	1	1577	297
	229	3.6	2	1801	298
	270	4.6	3	1801	298
	273	6.2	4	1801	298
	282	6.2	4	1801	297
	305	5.1	4	1801	296
	324	4.1	5	1801	293
	311	3.6	5	1796	292
	297	2.6	6	1792	290
	357	3.6	5	1783	290
	07	3.6	5	1782	289
	70.	2.1	6	1778.	288.