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PUBLISHED IN COOPERATION WITH
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ENVIRONMENTAL CONTROL

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ANL/ES-8
Meteorology

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ISOPLETH-AREA TABLES

by

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October 1971

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FOREWORD

This set of tables was originally prepared as an integral part of the Air Pollution Episode Control Operations Handbook. (1) It has been rewritten to make it a self-contained document. Therefore it is bound separately and can be used independently of the Handbook or other documents.

The Air Pollution Episode Control Operations Handbook was developed as a joint effort of the National Air Pollution Control Administration, the Chicago Department of Air Pollution Control and the U.S. Atomic Energy Commission. The major source of funding for the work leading to the Manual was a NAPCA Demonstration Grant from the Dept. of Health, Education, & Welfare.

Program direction, systems analysis and computer model development were provided by members of the scientific staff of Argonne National Laboratory. Meteorology studies were conducted by members of the staff of Argonne National Laboratory, the Chicago Department of Air Pollution Control and Murray and Trettel, Inc. The Chicago Department of Air Pollution Control developed or field tested many of the operational techniques, procedures and items of equipment described in the Handbook. Members of the Meteorology Division of the National Air Pollution Control Administration provided technical consultation and policy direction for the program. Funds for publication of this set of Tables were made available by contract from the Emergency Operations Control Center of EPA.

The Handbook was originally drafted in 1969 under the direction of Edward J. Croke of Argonne National Laboratory and W. J. Stanley, at that time the Director of the Chicago Department of Air Pollution Control. The Tables were devised by and prepared under the direction of J. J. Roberts, ANL-CES*. Helpful comments were received from the Air Pollution Control Office, U.S.E.P.A., through the Emergency Operations Control Center, Darryl D. Tyler, Chief, and from P. Harrison and R. Howe, Chicago Dept. of Environmental Control, H. W. Poston, Director.

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ISOPLETH-AREA TABLES

Abstract

The tables in this report provide the user with the dimensions of ground-level isopleths of pollutant concentration downwind of a single stack that is emitting a continuous plume of emissions. For any reasonable set of meteorological conditions (wind speed, atmospheric stability, and mixing layer depth) a table gives the parameters of isopleths as functions of the height of the stack and emission rate. With these parameters, the control engineer can sketch an oval shape on his working map that outlines the area within which the ground-level pollutant concentration exceeds a specified value.

The control engineer can use the isopleths to estimate the contribution of each major source to the total pollution at a given location. This information can then be used to determine a control strategy to deal with local air pollution problems. These single-source isopleth tables could also be useful in analyzing levels of contamination resulting from an industrial accident or leak.

A number of examples are presented to illustrate the use of the tables and specific applications. The theory used to develop the isopleths is explained and discussions are included on the limitations of the tables with regard to accuracy and applications. A listing of the computer program is appended.

NOTE

This report includes work conducted between 1967 and 1971. During that period several of the organizations involved were reorganized or had their official titles changed. In general, these organizations are referred to in this report according to the names by which they were known when the work was done. However, these names should be considered interchangeable with those indicated below.

On December 1, 1969, the Center for Environmental Studies (CES) was formally established at Argonne National Laboratory (ANL).

On February 1, 1970, the Chicago Department of Air Pollution Control (DAPC) was merged into the City of Chicago's Department of Environmental Control (DEC).

On December 2, 1970, with the formation of the U. S. Environmental Protection Agency (EPA), the National Air Pollution Control Administration (NAPCA) became a part of the EPA.

The Emergency Operations Control Center (EOCC) was formed as a part of the Division of Abatement, Bureau of Abatement and Control, NAPCA. In the reorganization into EPA, the EOCC was placed in the Bureau of Stationary Sources, Office of Air Programs, EPA.

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1.0 Introduction

Isopleth-area tables offer a means for estimating the ground-level pollutant concentrations that result from the emissions from a single source. An isopleth is a contour of constant concentration that encloses an area throughout which the concentration exceeds the value of the isopleth itself. The tables allow the user to construct isopleths for selected pollutant concentrations as functions of the source strength, effective stack height, and three meteorological parameters: wind speed, atmospheric stability and mixing layer height. These calculated isopleths are elliptical in shape and lie downwind from the source.

The pollutant source can be a single stack or a group of associated stacks located close together. It could also be a plume released as a result of an industrial accident or spill, a fire, or any release of gaseous or suspended particulate material that can be represented by an emission rate in pounds per hour or kilograms per hour.

The tables in this volume are constructed especially for air pollution control operations. Table 5.1 is for sulfur dioxide, relating the source strength in pounds per hour (lb/hr) of SO_2 ground level isopleths of 0.02, 0.1, and 0.2 parts per million (ppm) of SO_2. By appropriate corrections to the source term to account for differences in molecular weight, this table could be used for any molecular gaseous pollutant. Table 5.2 relates the source emission rate in lb/hr to concentrations in micrograms per cubic meter ($\mu g/m^3$). This hybrid selection of units is made only because emission inventories currently in use list source rates in lb/hr, while air quality standards generally are in terms of $\mu g/m^3$. However, this table is general in that it can be used for any pollutant, even suspended particulate matter.

The atmospheric dispersion model on which these tables are based is described in ANL/ES-CC-009 (2). It does not consider any removal mechanisms, such as fallout, washout, chemical reactions or radioactive decay, thus treating the dispersion as characteristic of a perfect gas. Thus, the steady-state isopleths presented here for the continuous plume source configuration could serve as the basis for a more generalized formulation with time-dependent factors involved.

The program used to generate single-source isopleths also forms the nucleus of the PUFF program (2). The PUFF code associated with the APICS system (3) performs the single-source calculations for all of the point

sources in the system, and synthesizes the data in a time-dependent calculation to model urban air quality.

In the remaining parts of this section, uses for the isopleth-area tables are outlined. Section 2.0 describes in detail the methods of using the tables, the structure of the tables, determining the parameters needed to look up an isopleth in the tables, and how to draw an isopleth from the parameters found in the tables. Sample calculations are included to illustrate these specific computations.

Section 3.0 presents some examples in which all the parameters are determined and the isopleths are calculated. Applications of the isopleths are illustrated.

Section 4.0 discusses the plume model, the assumptions, the equations, and its limitations.

Section 5.0 consists of the two Isopleth-Area Tables.

1.1 Applications for Air Pollution Episode Control

With full recognition that the Isopleth-Area Tables can, at best, give approximations based on selected values of the meteorological parameters and an idealized dispersion equation, they can be useful to the control engineer. One application is presented in detail in the Episode Operations Handbook. This is the use of the tables by the Episode Control Strategist in determining optimum control strategy during an air pollution episode. In the same fashion, the EOCC (Emergency Operations Control Center of the U.S. Environmental Protection Agency) can use the tables to advise local agencies or monitor control actions.

In this application the tables are used to determine, for each major pollution source in the affected region, the relative contribution to the total air pollution. Examination of the emission inventory will give an indication of the relative emissions from the various sources. However, emissions alone are not a valid measure of contribution to the pollution problem. Obviously the relative contributions will be different for different wind directions, and because of the effect of stack height, the resulting ground-level concentration from each source will be dependent on the meteorological conditions. The extent of the area of high ground-level concentration and the numbers of residents affected will also be a factor in decisions about selective control of pollution sources.

The optimal strategy approach developed in the Episode Operations Manual employs the tables to determine the optimum strategy for allocating a limited supply of natural gas. The reduction of pollutant levels achievable by fuel switching for various power plants and industrial sources can be estimated. In the same way, the effect of shutting down selected sources or reducing their output by a given fraction can be approximated.

These estimates can be approached in a number of ways. For example, a source culpability list can be developed by tabulating the areas of 0.1 ppm SO_2 isopleths for each major source. Another approach would be to list the sources upwind of an affected monitoring site. On a map board or projection, isopleths for each source can be drawn, using the tables to determine the outline of the isopleths. Then the concentration at the monitor due to the source can be estimated by interpolation.

These applications and their use in determining strategy are discussed in the Episode Operations Manual, as well as in the examples in Section 3.0.

1.2 Accidents and Spills

The tables can also be helpful in the event of an accidental release of a pollutant. They can be used to make estimates and forecasts of the pollutant concentrations and extent of affected ground areas as a result of the release of a plume of pollutant. The tables could be used by the local control agency or by the EOCC to provide quick estimates of the potential impact of a pollutant plume.

On notification of a pollutant release, the control agency obtains whatever information it can by telephone. From the affected region it obtains any measured pollutant concentration data and any available information about the temperature and constancy of the source and the extent to which the pollutant is airborne and reactive. Any local meteorological data and forecasts are requested from local National Weather Service Offices, regional EMSU's, airports, or private forecasters.

Since the source strength is rarely known in the event of an accidental release, a nominal source strength, Q, is chosen. Isopleths are constructed on a map or plotting board. If any air quality data are obtainable, the isopleths can be normalized. It is recognized that these

are estimates at best, and that any single piece of air quality is subject to error and statistical variation.

The tables can also be used to help determine the course of action to take depending on the wind direction. Forecasts may indicate a wind direction; isopleths can be sketched, and decisions made about the need for evacuation of residents. Similarly, isopleths can be generated to determine which wind directions, if any, could necessitate emergency actions, whereupon EOCC could use the tables to advise control personnel on the scene by telephone concerning the potential extent of the danger and to evaluate proposed strategies to deal with the threat.

2.0 Use of Isopleth-Area Tables

2.1 Construction of an Isopleth

The pollution concentrations at ground level downwind of a point source can be visualized by means of a set of isopleths. An isopleth is a closed contour on a flat surface along which pollution concentration remains at a specified value. The area enclosed by an isopleth will have pollutant concentrations that exceed those at the isopleth. The area enclosed by an elliptical isopleth looks something like a footprint, hence this term has become commonplace in referring to calculated isopleths. Thus the footprint formed by the 0.01 ppm isopleth is that area in which pollutant concentrations exceed 0.01 ppm. (Fig. 2.1)

The tables make it possible to sketch footprints appropriate to the conditions. The input parameters to be specified are related to the source and the local meteorological conditions, as indicated in Table 2.1. In the Tables (5.1 and 5.2) the meteorological input parameters appear above each of the tables.

The source rate in lb/hr is in a column at the left. In the sections that follow (2.2 through 2.6) explanations are presented for establishing the effective source strength and the meteorological input parameters.

Tables are presented in sets of three different isopleths:

For SO_2: 0.02 ppm, 0.1 ppm and 0.2 ppm.

For particulates: 50 $\mu g/m^3$, 100 $\mu g/m^3$ and 200 $\mu g/m^3$.

The output parameters begin with the area of the footprint. This can give a measure of the population affected if the isopleth is sketched on a map showing population centers or a demographic map.

Table 2.1

PARAMETERS FOR USE OF THE ISOPLETH-AREA TABLES

Parameter	Units
Source Strength (QSO2)	pounds per hour
Stability Class*	B, C, D, E, or F
Effective Stack Height	feet
Wind Speed	miles per hour
Mixing Layer Height	feet

*Reference 5

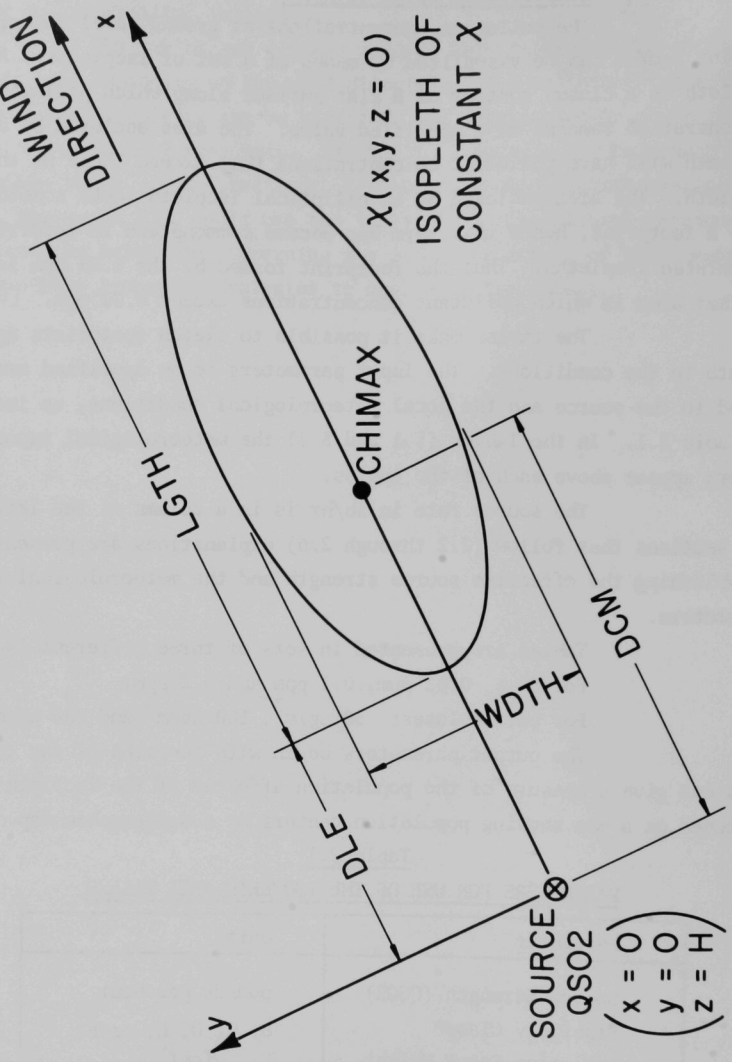

Figure 2.1

A Single-source Ground-level Isopleth

The other output parameters are used to sketch the isopleth itself; the nomenclature is illustrated in Figure 2.1. The following additional abbreviations are used:

QSO2	Source strength, in pounds of SO_2 per hour;
DLE	Distance from the source to the leading edge of the isopleth in the downwind direction, in miles;
LGTH	Length of the isopleth, in miles;
WDTH	Maximum width of the isopleth, in miles;
CHIMAX	Maximum concentration of SO_2, in ppm;
DOM	Distance downwind from the source to the point of maximum concentration (CHIMAX), in miles.

Conversion to Parts-Per Million for Gaseous Pollutants

The contours in the Isopleth-Area tables can be interpreted in terms of molecules of gaseous pollutant per million "molecules" of air (ppm) by applying the following equation:

$$\chi_{ppm} = \chi_{\mu g/m^3} \left[(4.56 \times 10^{-5}) \left(\frac{460 + T}{MW} \right) \right] \qquad \text{(Eq. 2.1)}$$

where χ = pollutant concentration

MW = molecular weight of gaseous species

T = ambient temperature (°F)

For example, at 32°F the 50, 100, and 200 $\mu g/m^3$ contours are equivalent to .017, .034 and .068 ppm SO_2 or .036, .072 and .14 ppm NO, respectively.

2.2 Source Strength (QSO2, QP)

An emission inventory may contain source data in terms of an average hourly emission rate. Corrections can be made to the average source if information is available on variations in the operating cycle. These can be due to seasonal fuel use patterns, weekday vs. weekend, day shift vs. night shift, power plant hourly demand patterns, etc.

If an emission rate is not available directly, it may be calculated from fuel use or process data, which should appear in the emission inventory. The inventory should contain an estimate of the hourly average fuel consumption in tons or thousands of gallons, a representative fuel sulfur content and the ash content. If a heat rate (Btu/hour) is given for the plant, then the fuel consumption rate can be calculated

by dividing by the heating value for that fuel. Heating values for fuel can vary depending upon the origin of the fuel. Representative heating values for fuels are listed in Table 2.2.

For burning 1.6% sulfur fuel oil the emission is

$$QSO2\ (lb/hr) = (8.5 \times 10^3\ gal/hr) \times (.157)\ (1.6\%)$$
$$= 2.1 \times 10^3\ lb\ SO_2/hr$$

(If 3% sulfur coal were burned at the same efficiency, the SO_2 emissions would be 6200 lb/hr.)

Table 2.2

REPRESENTATIVE HEATING VALUES (Btu/Unit) FOR FUELS

Fuel	Gas (ft^3)	Oil #1,2,3 (gal)	Oil #4,5,6, (gal)	Coal (short tons)
Heating Value Btu/Unit	1000	1.4×10^5	1.5×10^5	2.4×10^7

NOTE: To convert therms to Btu, multiply by 10^5.

The sulfur dioxide emission is then found by multiplying the hourly average fuel consumption by the appropriate emission factor. (Table 2.3) Estimation of suspended-particulate emissions from fuel combustion require the inclusion of a collection efficiency for fly ash control equipment.

Table 2.3

SULFUR DIOXIDE EMISSION FORMULAS (Duprey, 1968)

$$SO_2\ (lb/hr) = \begin{cases} (\text{gallons oil/hour}) \times (.157) \times (\%\ \text{Sulfur}) \\ (\text{tons coal/hour}) \times (38) \times (\%\ \text{Sulfur}) \end{cases}$$

Example 2.1 The source log indicates that an industrial plant normally burns 2 tons of 3% sulfur coal per hour during the second shift on weekdays.

$$SO_2(lb/hr) = (2\ tons/hr) \times (38) \times (3\%) = 228\ lb\ SO_2/hr$$

Example 2.2 A power plant is generating 100 megawatts (MWe) electric at plant efficiency (megawatts electric output/megawatts heat input) of 30%. Residual fuel oil is burned with a sulfur content of 1.6%. (Note: to convert megawatts to Btu/sec, multiply megawatts by 1060).

$$\text{Heat Rate (Btu/hr)} = (100 \text{ MWe}/.3 \text{ MWe/MW thermal}) \times (1.06 \times 10^3 \text{ Btu/sec/MW thermal}) \times (3600 \text{ sec/hr}) = 1.27 \times 10^9 \text{ Btu/hr}$$

$$\text{Oil Consumption (gal/hr)} = (1.27 \times 10^9 \text{ Btu/hr})/(1.5 \times 10^5 \text{ Btu/gal}) = 8.5 \times 10^3 \text{ gal/hr}$$

2.3 Atmospheric Stability

For the purposes of this manual, three stability classifications have been selected in order to account for significant variations in the dispersive properties of the atmosphere under different meteological conditions. The following key to stability categories (Table 2.4) has been adapted from the "Workbook of Atmospheric Dispersion Estimates", by Turner (5). Turner defines six classes, but only three have been selected for these tables.

B - Unstable

D - Neutral

E - Stable

Table 2.4

KEY TO STABILITY CATEGORIES

Surface Wind Speed (at 50 ft.) (mph)	DAY			NIGHT	
	Incoming Solar Radiation			Thinly Overcast or	3/8 Cloud
	Strong	Moderate	Slight	4/8 Low Cloud	
<7	Unstable	Unstable	Unstable	Stable	Stable
7-11	Unstable	Unstable	Neutral	Neutral	Stable
11-12	Unstable	Neutral	Neutral	Neutral	Neutral
13	Unstable	Neutral	Neutral	Neutral	Neutral

The neutral Class, D, should be assumed for overcast conditions during day or night.

Turner (5) provides the following discussion:

"Strong incoming solar radiation corresponds to a solar altitude greater than 60° with clear skies; "slight" insolation corresponds to a solar altitude from 15° to 35° with clear skies. Table 170, Solar Altitude and Azimuth, in the Smithsonian Meteorological Tables (List, 1951) can be used in determining the solar altitude. Cloudiness will decrease incoming solar radiation and should be considered along with solar altitude in determining solar radiation. Incoming radiation that would be strong with clear skies can be expected to be reduced to moderate with broken (5/8 to 7/8 cloud cover) middle clouds and to slight with broken low clouds. An objective system of classifying stability from hourly meteorological observations based on the above method has been suggested (Turner, 1961).

These methods will give representative indications of stability over open country or rural areas, but are less reliable for urban areas. This difference is due primarily to the influence of the city's larger surface roughness and heat island effects upon the stability regime over urban areas. The greatest difference occurs on calm clear nights; on such nights conditions over rural areas are very stable, but over urban areas they are slightly unstable or near neutral to a height several times the average building height, with a stable layer above (Duckworth and Sandberg, 1954; DeMarrais, 1961).

Some preliminary results of a dispersion experiment in St. Louis (Pooler, 1965) showed that the dispersion over the city during the daytime behaved somewhat like types B and C; for one night experiment σ_y varied with distance between types D and E."

References

List, R. J., (1951), "Smithsonian Meteorological Tables," Sixth Revised Edison, 497-505, Washington, D.C., Smithsonian Institute, 527 pp.

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Duckworth, F. S., and J. S. Sandberg, (1954), "The Effect of Cities upon Horizontal and Vertical Temperature Gradients," Bull. Amer. Meteorol. Soc., 35, 5, 198-207.

DeMarrais, G. A., (1961), "Vertical Temperature Difference Observed Over an Urban Area," Bull. Amer. Meteorol. Soc., 42, 8, 548-554.

Pooler, F., (1965), Personal Communication to D. B. Turner.

In the Dispersion Workbook of Turner (5), six stability classes are considered. For the simplified stability key with only three classes of stability and for the purpose of this manual, it is not necessary to consult the almanac to obtain the solar altitude. A visual estimate will suffice. If the position of the sun cannot be estimated because of clouds, then Class D (neutral) for overcast conditions is used.

There are two restrictions on the use of the stability key (Table 2.4).

1. A stable atmosphere (Class E) cannot exist within the mixing layer (i.e., beneath the mixing height).

2. If unstable conditions exist (according to the key) and a plant has an effective stack height greater than 1000 feet, use the neutral stability Class D. At these heights, superadiabatic lapse rates seldom occur.

2.4 Effective Stack Height

The effective stack height H is the height above ground which best defines the centerline of the plume. The plume is assumed to originate as a point source at an altitude H feet above ground at the location of the stack. If aerodynamic downwash causes the plume to break up and mix rapidly downward in the vicinity of the stack, H may be set equal to the actual, physical stack height H_s. Otherwise a plume rise ΔH is added to the physical stack height H_s, so that:

$$H = H_s + \Delta H$$

where ΔH is estimated as described below:

Smoke plume rise calculations and curves in this manual are based on a plume rise formula derived from observations at TVA stations and other power plants by Carson and Moses (6). The momentum term in their original formulation is omitted in the following equation since its contribution is generally considered negligible compared to thermal buoyancy.

$$\Delta H \text{ (feet)} = K\, Q_s^{1/2}/U \qquad \text{(Eq. 2.2)}$$

where ΔH = plume rise (feet)

Q_s = heat emission rate from stack (Btu/hr)

U = wind speed (miles per hour) at the height of the stack

$$K = .870 \text{ (unstable)}, .354 \text{ (neutral)}, .222 \text{ (stable)}$$

The wind speed at the stack height is estimated by multiplying the measured wind speed near the ground by a factor depending upon the height of the stack, H_s, and the stability class. This is discussed in Section 2.5.

There are four restrictions which should be placed on the use of equation 2.2. These are listed in Table 2.5.

Table 2.5

RESTRICTIONS ON THE PLUME RISE FORMULA (Eq. 2.2)

1. Mixing Layer Height (H_m, defined in Section 2.6):
   a. the effective stack height, H, cannot be greater than the mixing layer height, H_m, if the stack is beneath the mixing layer; i.e., $H \leq H_m$ if $H_s < H_m$.
   b. if the physical stack height H_s is greater than H_m during the day assume that the effluent does not reach the ground.
2. Low Wind Speeds (U):
   If U is estimated to be less than 4 miles per hour, use the value 4 mph in Eq. 2.2.
3. Stability Class and the Coefficient K:
   If the physical stack height (H_s) is equal to or greater than 500 feet, use K = .354 (neutral) even though the stability index indicates unstable conditions.

The first two restrictions (1a and 1b) in Table 2.5 are based on the assumption of an impenetrable atmospheric layer (lid) at height H_m. This phenomenon will be discussed further in Section 2.6. However, it is appropriate here to note that the effluent from a stack which emits its plume just beneath the lid will probably penetrate into the stable layer rather than obey the assumption of perfect reflection off of the lid. Unfortunately, there is no widely accepted way to model this situation at present.

Restriction 2 in Table 2.5 limits the minimum wind speed to be used in Equation 2.2. This reflects the fact that the equation is an empirical one in which the parameters n and m in an equation of the form $\Delta H = K_Q^n U^m$ were found by multiple linear regression. A comparison of equation 2.2 with TVA data Carpenter, et al., (5) indicates good agreement down to wind speeds of about 6 mph. Below this, the (1/u) factor in the equation causes an overestimation of the plume rise. An arbitrary restriction on a minimum value of U in equation 2.2 has therefore been made.

Restriction 3 occurs because the vertical variation of temperature (lapse rate) at heights greater than 500 feet is rarely characterized by an unstable (superadiabatic) lapse rate even though unstable conditions may exist in the first few hundred feet above ground.

Heat Emission Rate

One of the parameters that is necessary in order to calculate the plume rise is the heat emission rate from the stack (Q_s, Btu/hr). Values of the heat emission rate may be approximated reasonably using the nomograms presented in Figures 2.2, 2.3, and 2.4. These are based on the assumption that the heat emission rate is a fixed percentage of the total heat generation rate (heating rate of the fuel times the fuel use rate). The percentage depends on the type and efficiency of the burning and heat exchange equipment but may be categorized as follows:

power plant - 12%

large industrial, commercial - 20%

small industrial, commercial and residential - 35%

Example 2.3 The power plant in example 2.2 has a heat generation rate of 1.27×10^9 Btu/hr.

$Q_s = (.12) \times (1.27 \times 10^9 \text{ Btu/hr}) = 1.5 \times 10^8$ Btu/hr.

This value can also be found on the nomogram, Figure 2.2.

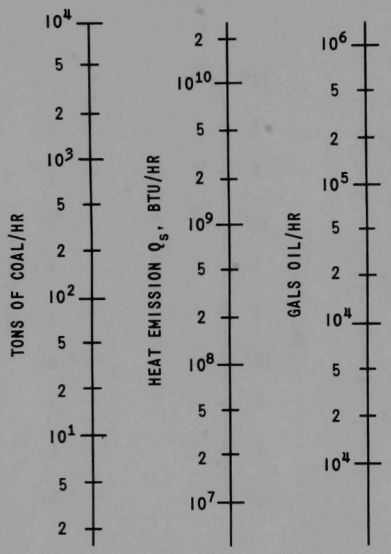
Plume Rise Curves

The plume rise equation is plotted in Figure 2.5, 2.6, and 2.7 for three atmospheric stability classes. Use of this set of curves will eliminate the need for calculating plume rise by hand.

Example 2.4 According to Figure 2.6, the plume rise for the power plant in example 2.3 under neutral atmospheric conditions with a 10 mph wind is approximately 400 feet. If the stack height H_s is 500 feet, the effective stack height H will be 900 feet (use listings for H = 1000 feet in the Isopleth-Area Tables).

2.5 Wind Speed

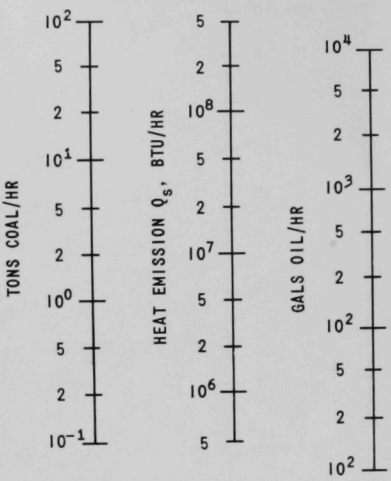
To calculate the plume rise, the mean wind at the physical stack height, H_s should be used in the plume rise equation (Eq. 2.2) or in Figure 2.5, 2.6, and 2.7. In using the Isopleth-Area Tables in Section 5, the wind speed at the effective stack height H should be used.
In each case, the desired value for the wind speed will be usually greater than that measured at a local point (typically at 30 to 100 feet above



To use Nomogram, Find Appropriate Fuel Consumption Rate and Move Horizontally to Center Scale for Q_s. (Based on Heating Values in Table 2.2 and Stack Emission Equal to 12% of the Heat Rate)

Figure 2.2

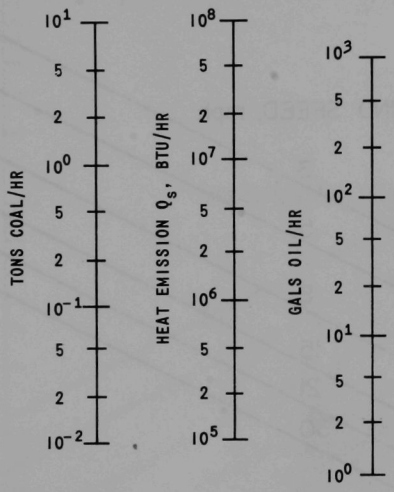
Heat Emission Rate vs. Fuel Burning Rate for Power Plants



To use Nomogram, Find Appropriate Fuel Consumption Rate and Move Horizontally to Center Scale for Q_s. (Based on Heating Values in Table 2.2 and Stack Emission Equal to 20% of the Heat Rate)

Figure 2.3

Heat Emission Rate vs. Fuel Burning Rate for Large Industrial, Commercial and Residential Plants



To use Nomogram, Find Appropriate Fuel Consumption Rate and Move Horizontally to Center Scale For Q_s. (Based on Heating Values in Table 2.2 and Stack Emission Equal to 35% of the Heat Rate)

Figure 2.4

Heat Emission Rate vs. Fuel Burning Rate for Small Industrial, Commercial and Residential Sources

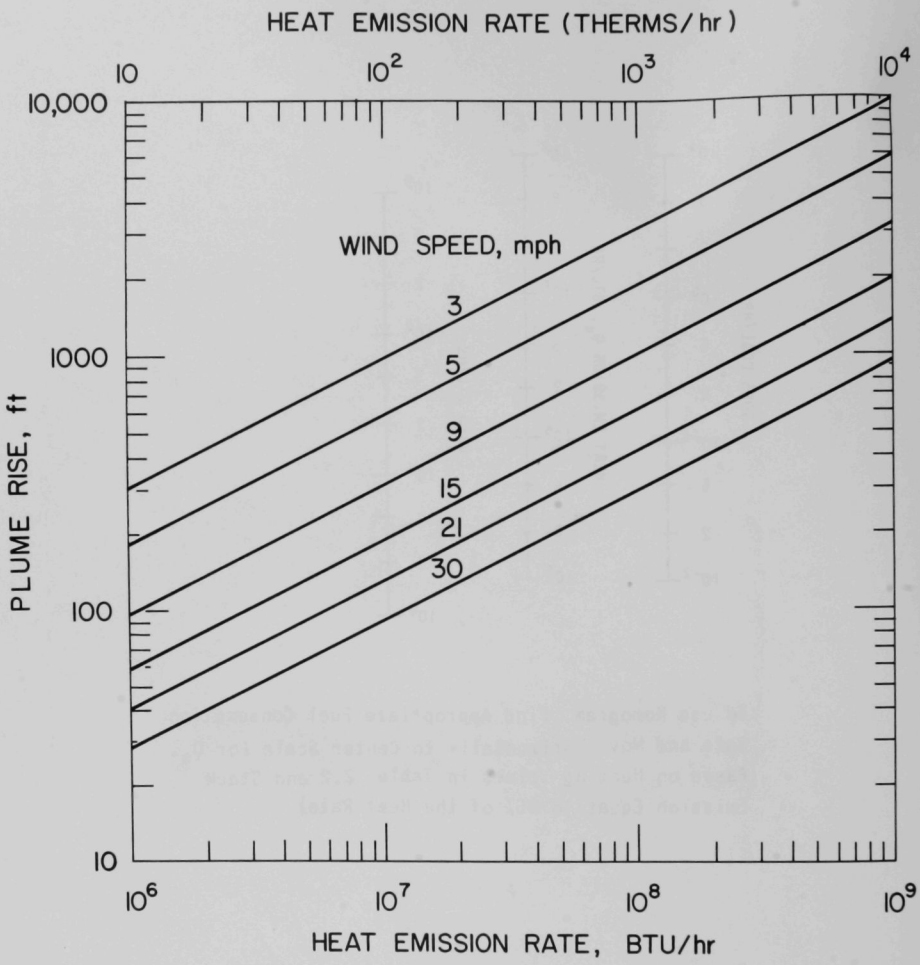


Figure 2.5

Plume Rise vs. Heat Emission Rate for Unstable Conditions (Class B)

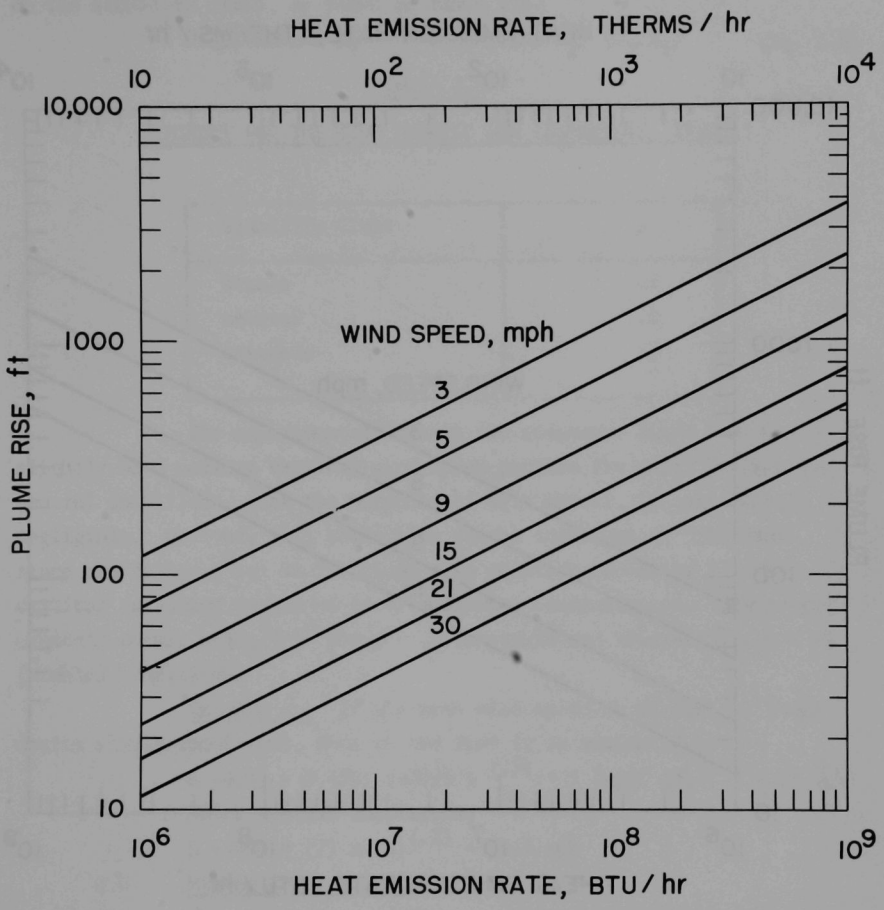


Figure 2.6

Plume Rise vs. Heat Emission Rate for Neutral Conditions (Class D)

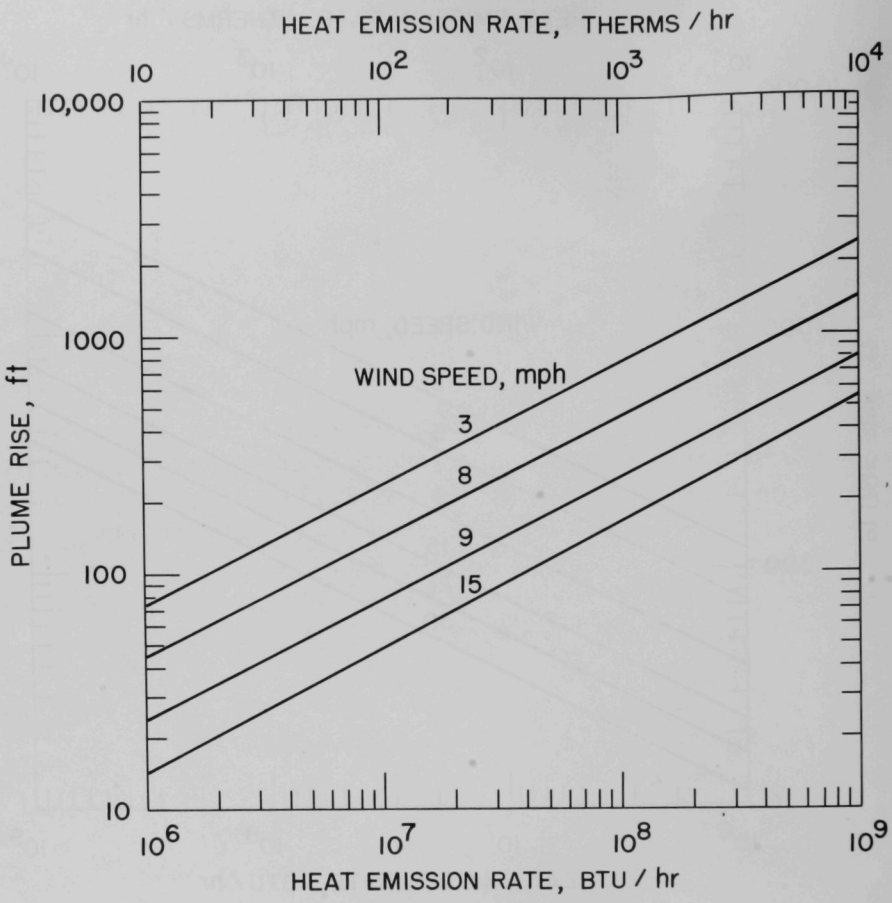


Figure 2.7

Plume Rise vs. Heat Emission Rate for Stable Conditions (Class E)

ground), since stack heights are generally greater than the height at which airport wind measurements are made. Equation 2.3 provides a correction term for altitudes up to 1000 feet. The exponent p is dependent on the stability class, as shown in Table 2.6.

$$U \text{ (at height } Z_2) = U \text{ (at height } Z_1) \ (Z_2/Z_1)^p \qquad \text{(Eq. 2.3)}$$

Table 2.6

EXPONENT FOR THE WIND PROFILE LAW (DeMarrais, 1959)

Stability Class	p
stable	.5
neutral	.2
unstable	.2

The experimental data in the reference cited indicate a slightly more uniform vertical wind speed profile for unstable than for neutral conditions. For the purposes of this manual, the distinction is negligible. However, this correction can be important in some cases, since the factor $(^1/u)$ in the plume rise equation (Equation 2.2) has a critical influence on ground level pollution concentration. Figure 2.8 presents curves of $(Z_2/Z_1)^p$ for p = .2 (unstable and neutral) and p = .5 (stable) conditions.

Example 2.5 If the mean wind speed at 50 feet is 7 mph during stable conditions, then at 400 feet it is estimated by:

$$U\ (400) = U\ (50)\ (400/50)^{(.5)} = 7\ (\text{mph})\ (8)^{(.5)} = 20 \text{ mph}$$

Under neutral conditions,

$$U\ (400) = (7) \times (8)^{(.2)} = 10.5 \text{ mph}$$

2.6 Mixing Layer Height

The mixing layer defines a maximum altitude through which pollutants can be diluted. Figures 2.9 and 2.10 show vertical profiles of temperature and sulfur dioxide as measured by an instrumented helicopter at a point four miles downwind of a major industrial area in Chicago. The sharp inversion at 700 meters (2300 feet) has clearly defined a vertical mixing zone within which SO_2 levels are nearly uniform. The mixing layer height to use for this situation would be 2300 feet.

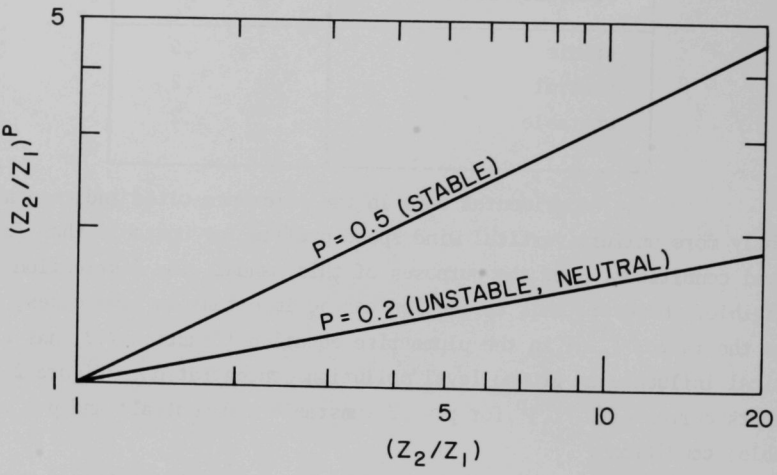


Figure 2.8

Estimation of Vertical Wind Speed Profile.

u (at Height Z_2) = u (at Height Z_1) x (Z_2/Z_1)

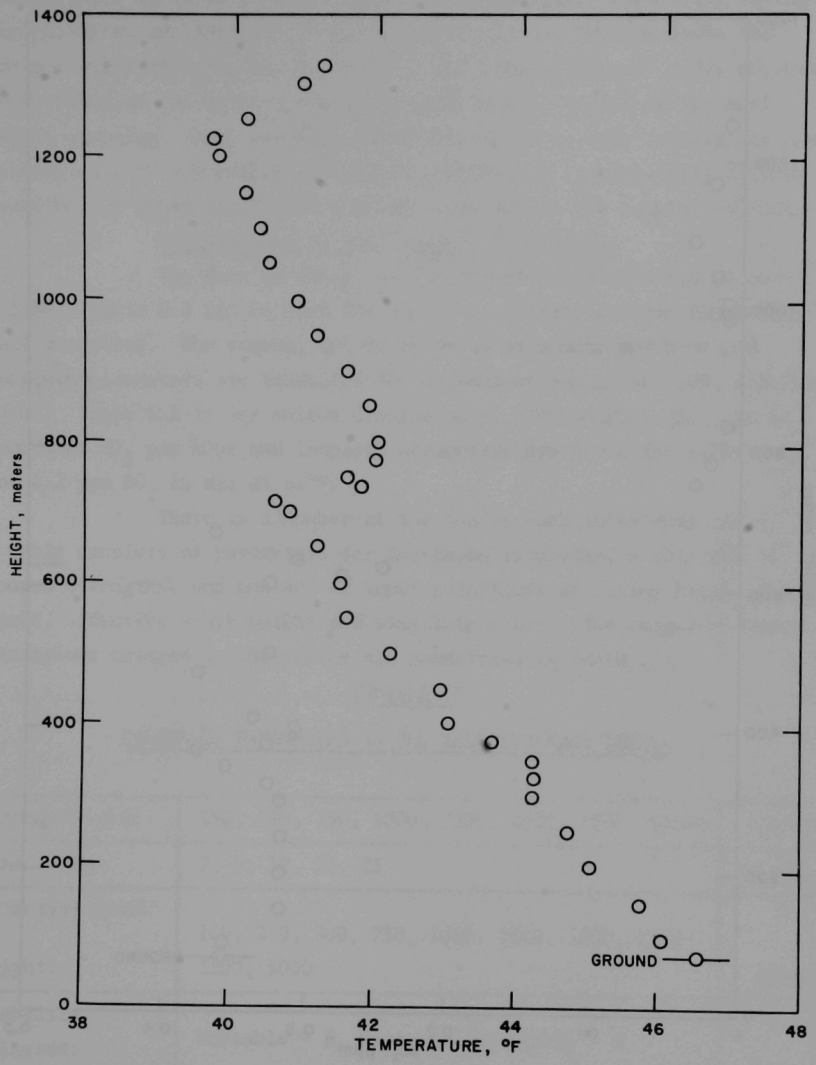


Figure 2.9

Vertical Profile of Temperature. Hinsdale, Illinois, April 11, 1969, 10:20 a.m. (D. Nelson, Argonne National Laboratory)

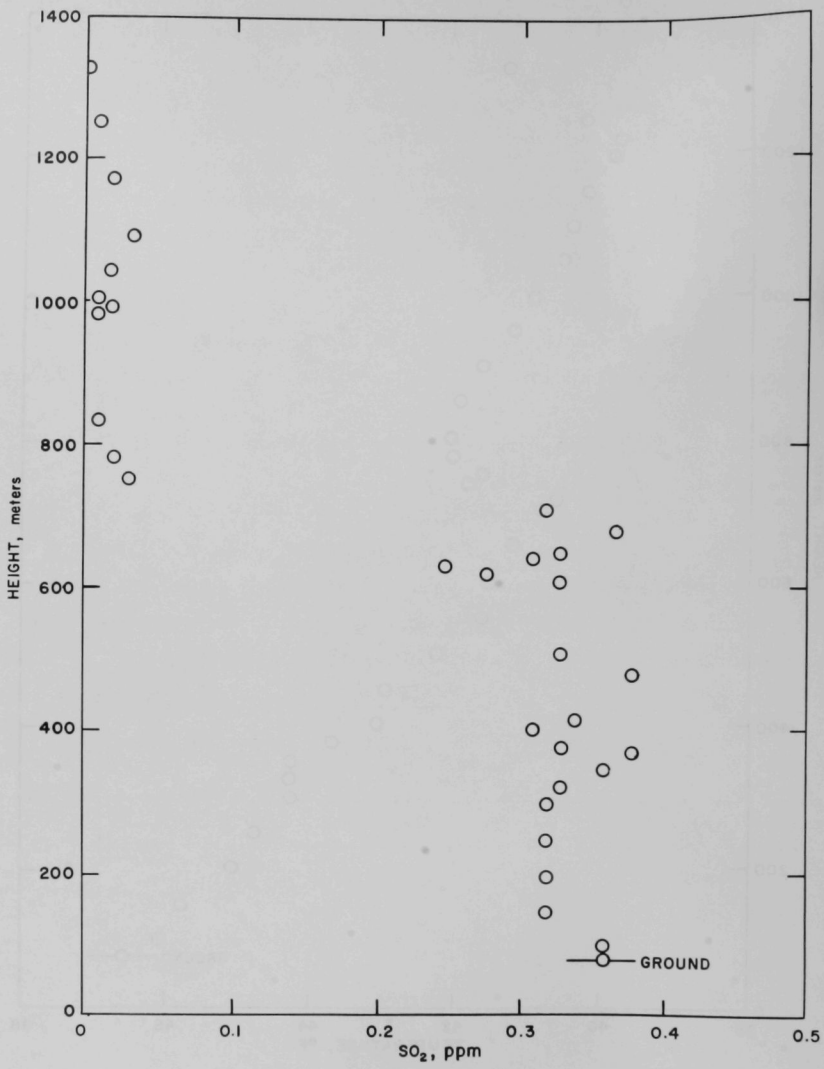


Figure 2.10

Vertical Profile of SO_2, Hinsdale, Illinois.

April 11, 1969, 10:20 a.m.

(D. Nelson, Argonne National Laboratory)

The height of the mixing layer, H_m, should be measured locally once or twice a day by balloon or helicopter, especially during an air pollution incident. A staff meteorologist can then estimate the current value of H_m as the altitude of the intersection of a dry adiabat projected from the local surface temperature with a plot of the most recent sounding. When vertical soundings cannot be made locally, it may be necessary to approximate the local sounding by interpolating between soundings at other rawinsonde stations that are in the same air system.

2.7 Organization of the Isopleth Area-Tables

Two sets of tables are presented in Section 5.0 of this volume. Table 5.2 can be used for any kind of molecular gas or particulate emissions. The source, QP, is in units of pounds per hour and isopleth parameters are tabulated for concentrations of 50, 100, and 200 $\mu g/m^3$. Table 5.1 is for sulfur dioxide only. The source, QSO_2, is in pounds of SO_2 per hour and isopleth parameters are given for 0.02, 0.1, and 0.2 ppm SO_2 in air at 32°F.

There is a number at the top of each individual table. A table consists of parameters for the three isopleths, a full set of source strengths, and one set of input conditions of mixing height, wind speed, effective stack height and stability class. The ranges of these parameters covered in the tables are summarized in Table 2.7.

Table 2.7

RANGES OF PARAMETERS IN THE ISOPLETH-AREA TABLES

Mixing Height:	250, 500, 750, 1000, 1500, 2000, 5000, 20000	(feet)
Wind Speed:	2, 5, 10, 15, 25	(mph)
Effective Stack Height:	100, 250, 500, 750, 1000, 1500, 2000, 2500 3500, 5000	(feet)
Stability Classes:	Unstable - B, Neutral - D, Stable - E	
QP or QSO_2:	20 through 100,000 (15 values)	(lb/hr)
Isopleth Level; Table 5.1:	.02, .1, .2	(ppm)
Table 5.2:	50, 100, 200	($\mu g/m^3$)

The values listed in Table 2.7 cover a wide range of potentially interesting situations; however, evaluating and publishing all possible combinations of these variables would result in very lengthy sets of tables. Fortunately, there are certain exclusion rules and practical observations which can rule out certain combinations of variables as being unrealistic. These considerations eliminate almost two-thirds of the combinations and thus lead to a manageable set of tables. The user is advised to study briefly the nature of these exclusion rules before attempting to use the tables.

Three basic classes of exclusion rules were employed to select the tables used in Section 5.

1. Meteorological Effects
   a. Stable atmospheric conditions do not exist beneath a lid. All results involving stable atmospheric conditions are at the end of the tables, where the mixing layer height is listed as infinite, and are represented by H_m = 20,000 ft.
   b. For the stable cases, the wind speed will always be less than 25 mph.
   c. For mixing layer heights of 250 and 500 ft., the maximum wind speed considered is 10 mph.
   d. For a mixing layer height of 750 and 1000 feet, the maximum wind speed considered is 15 mph.
   e. For an effective stack height greater than 1000 feet, only neutral and stable classes are considered.
2. Stack Design

Stack height ordinances and practical considerations limit the range of plausible heat rates (and thus SO_2 emissions) associated with different values of effective stack height. It does not make sense to build a tall stack for a small source, either from an economic or health standpoint. Similarly, if a stack is designed for a large source, it will have to be of substantial height or it would not be worth building. For example, if a power plant is to have a stack, it is not likely that it would be less than 100 feet high. Thus, each range of SO_2 emissions defines a range of plausible values of effective stack height,

H. The sets selected for these tables are listed in Table 2.8.

Table 2.8

SO_2 SOURCE STRENGTH RANGES FOR

EFFECTIVE STACK HEIGHT USED IN TABLES

QSO_2 Range (lb/hr)	Effective Stack Height, H, (ft)
20-35,000	100
20-50,000	250
100-50,000	500
250-100000	750
250-100000	1000
250-100000	1500
250-100000	2000
500-100000	2500
500-100000	3500
500-100000	5000

3. Conditions That Yield Zero-area Isopleths

When all ground level concentrations for a given set of conditions are below 50 $\mu g/m^3$, the resulting row of zeros is not printed. For example, if the tables begins with a QP value greater than that for the source in question, this indicates that there is no 50 $\mu g/m^3$ footprint.

Before entering the isopleth area tables, evaluate each of the major input parameters (the first five in Table 2.7) according to the methods presented in Sections 2.2 through 2.6. Upon entering the tables, search for the input parameters in the order of presentation in Table 2.7; i.e., first locate the proper mixing height, then the wind speed, etc. An index precedes the tables in Section 5.0 to assist in locating the desired isopleth table.

3.0 Examples of Applications

In this section, five examples are presented to illustrate the full process of developing isopleths for particular types of sources. Example 3.1 is for an industrial source, 3.2 for a power plant, and 3.3 for a power plant with 3 boilers and 2 stacks.

Example 3.4 illustrates the use of the Tables to develop a manual estimate of urban pollution levels.

Example 3.5 shows, for an industrial accident, how the Tables can be used to determine tactics to be used.

Example 3.1 Industrial Source

XYZ Food Processing Co. uses coal for process heat and space heat. The ground level isopleth for 0.02 ppm SO_2 is to be determined for the following conditions:

Hourly coal burn: 2 tons per hour (3% coal)

Stack height: 200 feet

Sunny day: 10 am; January 10, 1969

Wind speed: 8 mph (at 50 feet)

Mixing layer height: 500 feet

QSO2 = 2 tons coal /hr x 38 x 3% = 228 $lbSO_2$/hr (use Table 2.3)

$Q_s = 10^7$ Btu/hr (use Fig. 2.3)

Stability Class: Neutral (Table 2.4) (because of January sun angle and early AM conditions)

ΔH = 100 feet (Fig. 2.6)

H = 300 feet (use 250 feet in isopleth area tables)

Wind speed at 300 feet = $(300/50)^{.2}$ = 11.5 mph or use Fig. 2.8. (use 10 mph in Table 5.1)

Results: SO_2 Isopleth at .02 ppm concentration from Table 5.1 No. 28

AREA = 1.0 mi^2	(area within isopleth)
DLE = .3 mi.	(distance to closest or upwind edge of footprint)
LGTH = 2.0 mi	(length of footprint)
WDTH = .5 mi	(width of footprint)
CHIMAX = .04 ppm	(maximum centerline concentration)
DCM = 1 mi	(distance to CHIMAX from stack)

Example 3.2 Power Plant

Find the 0.02 ppm SO_2 footprint for the power plant used in Examples 2, 3 and 4 of Section 2.

Given: Oil consumption = 8.5×10^3 gal/hr

$QSO_2 = 2.1 \times 10^3$ $lbSO_2$/hr (use 2500)

Stack thermal emission (Q_s) = 1.5×10^8 Btu/hr

Physical stack height = 500 feet

Wind speed = 7 mph at 50 feet

1 PM on a July day; Broken cloud cover at 3000 feet

Mixing height = 2500 feet (use 2000 in Tables)

Estimates: Insolation: Moderate

Stability Class: Unstable (Table 2.4)

Wind speed at 500 feet = 14 mph (Fig. 2.8) (Use 15 mph)

Plume rise = 400 feet (Use Fig. 2.5 for neutral stability since stack > 500 feet; item 3 in Table 2.5)

H = effective stack height = 900 feet (use 1000 ft.)

From Isopleth Area Table 5.1 No. 194

AREA = 0.5 mi^2, DLE = .8 mi, LGTH = 1 mi,

WDTH = .5 mi, CHIMAX = .03 ppm,

DCM = 1.0 for the .02 ppm footprint

From Isopleth Area Table 5.2 for 50$\mu g/m^3$ SO_2,

CHIMAX = 85$\mu g/m^3$

Example 3.3 Power Plant with Unit/Stack Coupling

This is an example for a power plant that has more than one boiler and several stacks that can be used with different boilers. In the event of an episode, with limited low-sulfur fuel available, the control agency or power-plant operator could make an evaluation of how to meet the power demand with the minimum pollutant emissions. This example shows how estimates can be made using the Tables to produce an optimum strategy.

Given

Time	10 am
Stability	Unstable
Mixing Height	1000 feet
Wind Speed	6 mph at 50 feet

Figure 3.1 is a power plant source log sheet (1) (partially completed) showing the 10 am distribution of 350 MWe between Units 2 and 3. Based on a maximum hourly coal use of 160 tons/hr at 400 MWe, the fuel use in each unit is approximately:

Unit 2: $\frac{100 \text{ MWe}}{400 \text{ MWe}} \times 160 \text{ t/hr} = 40 \text{ tons/hr.}$

Unit 3: $\frac{200 \text{ MWe}}{400 \text{ MWe}} \times 160 \text{ t/hr} = 80 \text{ tons/hr.}$

where the quantities 100 MWe and 200 MWe are estimates of the average power generation for each unit during the next 6 hours.

A better approximation would employ curves of heat rate vs. electrical output which account for changes in plant efficiency with electrical loading; however, a single efficiency for each unit is adequate for developing episode control strategies.

WIND SPEED _____
STABILITY _____
MIXING LAYER _____

FIG. 3.1 POWER PLANT SOURCE LOG FOR EXAMPLE 3.3

PLANT NO.	NAME	ADDRESS	GRID	COORDINATES x	COORDINATES y	PHONE	CONTACT NAME	FUEL COAL	FUEL OIL	FUEL GAS	% S COAL	% S OIL	ANNUAL COAL, tons	ANNUAL OIL, Kgal	% GAS CONVERT.	TOTAL OUTPUT POWER, MW MAX	MEAN	MIN
1			4	0	2			✓			3.		8×10^5		40	400	300	50

HOURLY AVG. FUEL OUTPUT	COAL, tons	OIL, Kgal	STACK HEIGHT, ft 1	2	3	4	5
MAX	160		400	500			
MEAN	120						
MIN	20						

STACK-UNIT COUPLING (STACK / UNIT)	1	2	3	4	5
1	X				
2	X				
3		X			

MAX ISOPLETH AREA, mi^2		MEAN ISOPLETH AREA, mi^2		MIN ISOPLETH AREA, mi^2	
0.05 ppm	0.10 ppm	0.05 ppm	0.10 ppm	0.05 ppm	0.10 ppm
0.20 ppm	0.30 ppm	0.20 ppm	0.30 ppm	0.20 ppm	0.30 ppm

COMMENTS

UNITS 1 & 2 – coal only
UNIT 3 – can burn 80% gas

POWER DEMAND SCHEDULE, MW

HOUR / UNIT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1				OUTAGE																					NOMINAL
																									MIN
2					100	100	100	150	100	100															NOMINAL
											20	20	20	20	20	20	20	20	20	20	20	20	20	20	MIN
3					150	250	250	250	250	250	230	230	230	230	230	250	250	250	250	250	250	250	200	180	NOMINAL
																									MIN
																									NOMINAL
																									MIN
																									NOMINAL
																									MIN
																									NOMINAL
																									MIN
TOTAL OUTPUT POWER, MW					250	350	350	400	350	350	250	250	250	250	250	270	270	270	270	270	270	270	220	200	NOMINAL
																									MIN

Figure 3.1 Power Plant Source Log for Example 3.3

Meteorological and emission data are combined to estimate the isopleth area for each stack:

ITEM	STACK 1 (units 1 and 2)	STACK 2 (unit 3)	REFERENCES
Stack Height	400 ft.	500 ft.	Fig. 3.1
Thermal Emission (B/hr)	1×10^8	2×10^8	Fig. 2.2
QSO2 (lb/hr)	4500 (use 5000)	9000[c]	Table 2.3
WS (mph) at Stack height	9 (use 10)	11 (use 10)	Fig. 2.8 Eq. 2.3
Plume rise (ft.)	1000	600[a]	Fig. 2.5 2.6
Effective stack height (Ft.)	1000[b]	1000[b]	Table 2.5
0.02 ppm SO_2 Isopleth			
AREA (mi^2)	21.8	∿130[c]	
DLE (mi)	0.3	.3	
LGTH (mi)	11.5	∿20	
WDTH (mi)	2.5	∿5	
CHIMAX (ppm)	0.18	∿ .3	
DCM (mi)	1	1	

a. Based on <u>neutral</u> stability because stack height $\geq$ 500 ft. (see Table 2.5)

b. Plume rise limited by sharp inversion at 1000 ft. (see 2.4)

c. Interpolation between 5000 lb/sec and 15,000 lb/sec using No. 83 of Table 5.1.

Having considered the areas of the .02 ppm footprints and their location relative to zones of high daytime population density, the control agency requests the utility to shift as much load as possible from unit 2 (coal only) to plants downwind of the urban center. The electric utility dispatcher replies that 80 MWe can be shifted, leaving a mimimum load of 20 MWe on unit 2. The chief dispatcher at the gas company estimates that 10,000 therms /hr (10^9 BTU/hr) can be applied to the utility at special rates. The utility is then requested to burn this gas in unit 3 along with a reduced amount of coal sufficient to supply an average of 200 MWe for the next 6 hours.

The new fuel rates are calculated as follows:

Unit 2:

$$\frac{20 \text{ MWe}}{400 \text{ MWe}} \times 160 \text{ tons/hr} = 8 \text{ tons/hr}$$

Unit 3:

$$(80 \text{ tons/hr}) \times (2.4 \times 10^7 \text{ BTU/ton}) = 1.92 \times 10^9 \text{ BTU/hr}$$

$$[\text{BTU/hr of coal}] = 1.92 \times 10^9 - 1 \times 10^9 \text{ (gas)} = 9 \times 10^8 \text{ BTU/hr}$$

$$[\text{Tons coal/hr}] = (9 \times 10^8 \text{ BTU/hr}) / (2.4 \times 10^7 \text{ BTU/ton}) = 38 \text{ tons/hr}$$

The isopleth areas under the new conditions can be quickly approximated by referring to the same table.

		STACK 1 (units 1 and 2)	STACK 2 (unit 3)
QSO2	(lb/hr)	900[d]	4500
AREA	(mi^2)	.4	21.8
DLE	(mi)	.8	.3
LGTH	(mi)	.9	11.5
WDTH	(mi)	.5	2.5
CHIMAX	(ppm)	.04	.18
DCM	(mi)	1	1

d. Interpolate between 750 and 1000 lb/hr.

Example 3.4 ESTIMATION OF POLLUTION LEVELS IN A REGION

In certain cases it is important to estimate pollution levels in zones of high population density which do not have air quality monitors. A calibrated and verified multiple-source atmospheric dispersion model can do this if it is available on a large computer. However, if no such model is available at the time of an episode, it may be possible to use single-source footprints to build up enough data for decisions to be made. The method described in this example is extremely simple yet sufficiently accurate to serve as a basis for control decisions. Even the number of tables to be used is minimized because all sources are influenced by the same set of meteorological conditions.

The estimation technique requires the following elements:

1. A survey map of area source emissions on a square mile basis. (Fig. 3.2)
2. Data on major point sources.
3. The isopleth - area tables.
4. Air Quality data from one or more monitoring stations.
5. A model to estimate pollutant levels due to area sources (4).

In effect, one assumes that the point - source isopleths give reasonably accurate indications of source strengths and that the area source contribution, being more difficult to model, is calculated and then corrected by the value observed at the monitoring station. (Fig. 3.3)

In this case, the mean emission rates might be estimated by a local official who is familiar with the sources, or they can be based on survey data. The area source emission rates used in the example are determined from the area source data given in Fig. 3.2 and the fraction of each grid square in the 22-1/2° sector (Fig. 3.4). Eyeball estimates can be used for the area fractions. Table 3.1 indicates the effective source values for each significant area source as they apply to particular receptor points.

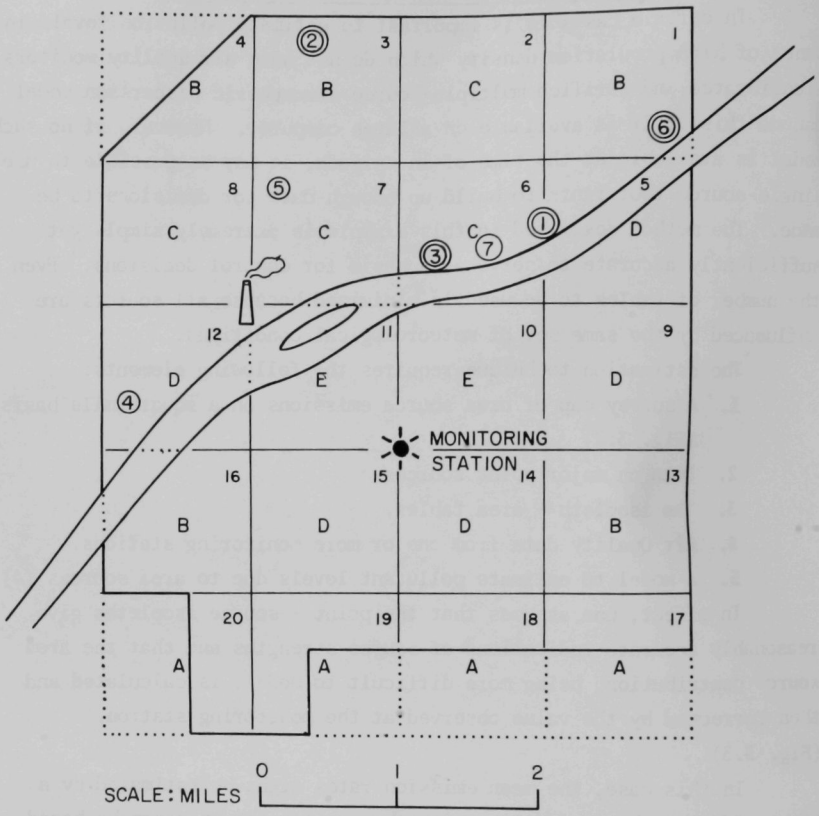


Figure 3.2

Survey Map of SO_2 Emissions and Major Point Sources for the City in Example 3.4

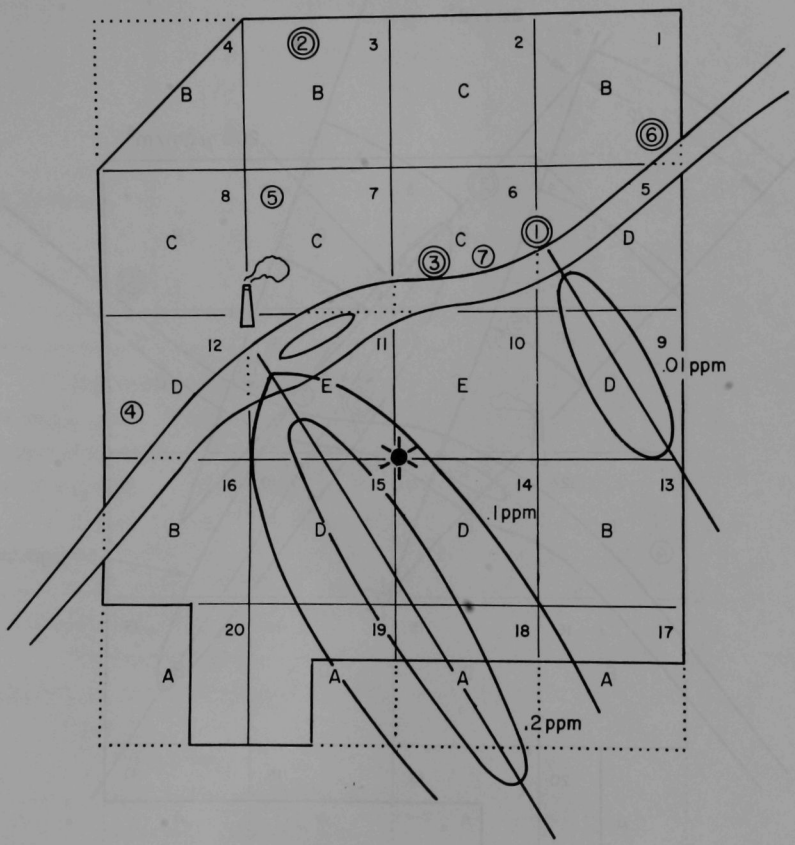


Figure 3.3

Survey Map for Example 3.3 Showing Footprints of Two Major Point Sources

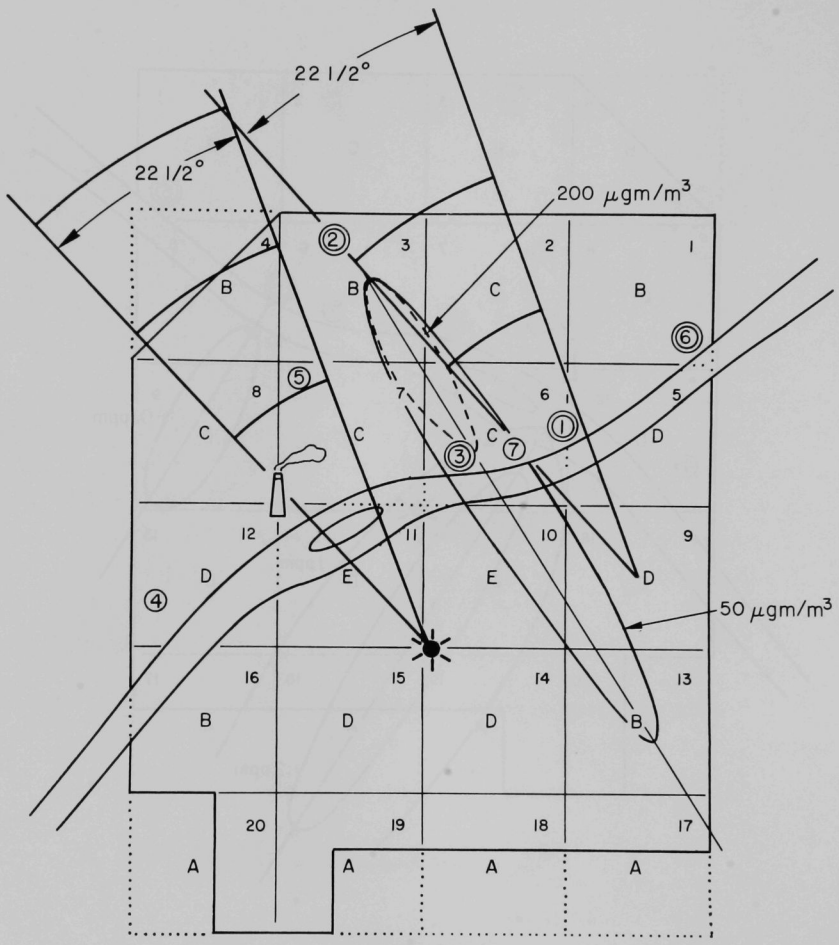


Figure 3.4

Survey Map for Example 3.4 with 22 1/2° Upwind Sectors Defining Significant Area Sources

Table 3.1 Effective Area Source Strengths

Upwind from Receptor	Square, i	Rate, lb/hr	Fraction of Square in Sector	Source Qi
*	11	525	.20	105
	7	250	.30	75
	8	200	.35	70
	3	150	.15	22
	4	150	.40	60
#9 Center	9	350	.10	35
	5	250	.10	25
	6	250	.40	100
	2	250	.60	150
	3	150	.25	38

The survey maps denote emissions on a square mile basis exclusive of major point sources. The point sources are treated separately. The dispersion model for area sources is an adaptation of work by Clarke (4) in Cincinnati. A discussion of the theory follows this example.

Figure 3.2 is the survey map of a city showing area source strengths (lb/hr SO_2) on a square mile grid and major point sources. A telemetered air quality monitoring station is located at the asterisk (N E corner of grid square 15).

The control agency is faced with the problem of estimating the SO_2 concentration at the center of grid square #9.

Given:

Survey Map

Log sheets on the power plant and seven major industrial emitters (Table 3.2).

Meteorological Data

WS = 6 mph (at 50 ft.)

WD = 330°

Stability Class = B

Mixing layer height = 1000 feet

SO_2 level at the monitoring station indicated by the asterisk = 0.4 ppm.

Table 3.2 Worksheet for use of Isopleth-Area Tables (Example 3.4)

1-10-69	10 AM	B	6 mph	1000 ft.
Date	Time	Stability	Wind Speed	Mixing Ht.

Source-Log Emission Inventory					Preliminary Calculations					Iso-pleth Level, ppm	Isopleth Parameters					
Plant No.	Fuel	%S	Fuel Use Rate T/hr gal/hrr	Stack Ht. ft.	QSO2 lb/hr	Thermal Emission Btu/hr	Wind Speed at Stack, mph	ΔH, ft.	H, ft.		AREA mi^2	DLE mi	LGTH mi	WDTH mi	CHIMAX ppm	DCM mi
1	Coal	3.0	2 T	200	230	1×10^7	8	300	500	.01	.8	.3	1.5	.5	.03	.5
2	Coal	3.0	2 T	100	230	–	6	0[a]	100	.01	.5	.3	1.0	.5	.07	.5
3	Oil	1.6	200 g	150	50	7×10^6	7	300	450	.01	0					
4	Coal	2.0	1.5 T	100	115	8×10^6	6	350	450	.01	.3	.3	.5	.5	.01	.5
5	Oil	1.6	100 g	200	25	3×10^6	8	170	370	.01	0					
6	Coal	3.0	0.5 T	320	57	2×10^6	9	120	440	.01	0					
7	Coal	3.0	0.3 T	180	34	1.3×10^6	8	110	290	.01	0					
Power Plant	Coal	3.0	120	500	14,000	4×10^8	9	700	1000[b]	0.1	7.3	.3	6.5	1.5	.5	1.0
Power Plant	Coal	3.0	120	500	"	"	"	"	"	0.2	1.3	.8	2.5	.5	.5	1.0

Notes: a - Aerodynamic downwash predicted by meteorologist.

b - Plume rise limited by sharp inversion at 1000 ft.

c - Stack height > 500 ft. Use NEUTRAL plume rise (Fig. 2.6).

Procedure:

1. Look up the isopleth parameters for each source (summarized in Table 3.2).
   The power plant is the only major point source influencing the reading at the monitor. Sketch footprints on Map (Fig. 3.2) as shown in Fig. 3.3.
2. Estimate concentration at the monitor due only to upwind areas by subtracting estimated contribution from power plant: X (areas only) ≃ .4 - .15 = .25ppm.
3. Locate two 22-1/2° sectors, each with apex at a dose point and central axis at angle of wind direction. This is shown in Fig. 3.4. Sketch areas at one-mile intervals. Assign a mean SO_2 emission for each upwind section: (see code in Fig. 3.2).
4. Basic Equation for area sources is

$$X = K\,[a^H_1\ Q_1 + a^H_2\ Q_2 + a^H_3\ Q_3 + a^H_4\ Q_4 + a^H_5\ Q_5] \qquad (3.1)$$

where K is an unknown multiplier and a^H_i, i = 1,...5, is a multiplier for the emission rate in the ith section counting outward from the apex of the 22-1/2° sector. The notation "H" stands for mixing height. The values of α for three different stability classes (B,D,E) and three mixing layer heights (∞, 1000 ft., 500 ft.) are shown in Table 3.3. Values of α were computed from equations given by Clarke (4) that take into account the mixing layer depth, distance from the receptor, and the stability conditions.

Footnote: For *, moving upwind, the mean emission rates are 525 lb/hr 250 lb/hr, 200 lb/hr, 150 lb/hr.
For center of grid square 9, the mean emission rates are 350 lb/hr, 250 lb/hr, 50 lb/hr, .0

Table 3.3 COEFFICIENTS FOR BASIC EQUATION FOR AREA SOURCES

STABILITY CLASS	SECTION i	α_i^{∞}	α_i^{1000}	α_i^{500}
Unstable - B	1	106	106	114
	2	17	32	64
	3	7	21	42
	4	3	15	30
	5	2	11	22
Neutral - D	1	31	31	31
	2	8	8	10
	3	5	5	5
	4	3	3	3
	5	2	2	2
Stable - E	1	39		
	2	11		
	3	8		
	4	4		
	5	3		

Substitute SO_2 level (.25 ppm) and area source strengths for the TAM station and solve Eq. (3.1) for K:

$$K = .25\text{ppm}/\ [106 \times 105 + 32 \times 75 + 21 \times 70 + 15 \times 22 + 11 \times 60] = 15.63 \times 10^{-6}$$

Use this value of K with emissions upwind of square 9:

$$X_9 = 3.6 \times 10^{-6}\ [106 \times 35 + 32 \times 25 + 21 \times 100 + 15 \times 150 + 11 \times 38]$$
$$= 14.5 \text{ ppm} \quad \text{(Area sources only)}$$

5. Add contribution from upwind point source #1:

$$X \text{ (square 9)} = 14.5 \text{ ppm} + .01 = 15.5 \text{ ppm}$$

Theory

The theory which leads to equation 3.1 and the accompanying Table 3.3 is based on the assumptions that all points within the sector contribute equally to the concentration at the apex and that points outside the sector do not contribute at all. The choice of a 22-1/2 degree sector was originally made because U. S. Weather Bureau records of wind direction prior to 1964 were in terms of 16 compass points (4). In general, the wind direction in an urban area is not known to better than ± 10°, so that

this standard wind band has been used in the preceding example. However, the coefficients in Table 3.3 are based only on stability, downwind distance x, and mixing layer height, and are thus independent of the choice of wind band.

For the values in Table 3.3, H, the effective stack height, is assumed equal to 30 meters, z_r, the receptor height, is assumed equal to 15 meters. Table 3.3 lists values of α for three different stability conditions. When an inversion aloft becomes significant in limiting vertical dispersion, the factors α have to be modified.

The coefficient K in the basic equation:

$$X = K[\alpha_1 Q_1 + \ldots + \alpha_4 Q_4 + \alpha_5 Q_5]$$

incorporates the wind speed and other factors (known and unknown) which influence air pollution levels. The prediction of pollution levels is thus tied to existing meteorological conditions because K is based on actual observations. This empirical coefficient will also compensate for uniform errors in estimations of area source strengths.

Example 3.5 Accidents and Spills

Obviously, in the event of an industrial accident there will be little information available about the source itself. However, in certain types of situations, the isopleth area tables could be quite helpful.

The major limitation of these particular tables is that they are designed for a continuous source and the pollutant pattern they predict is for the steady-state case.

Nevertheless, if one knows the concentration at a given location (perhaps from a mobile monitor van), the distance and direction from the source, and the meteorological parameters then in effect, a set of isopleths can be drawn. These isopleths could be useful in making decisions about the expected concentrations at other places in the region, such as whether or not to evacuate a nearby town. The absolute value of the source need not be known; the concentrations relative to those at the monitor are sought.

Consider the situation in which a survey team finds a concentration of 50 $\mu gm/m^3$ airborne pollutant at the center of grid square 9 on the map in Fig. 3.4. The concentration decreases to the southeast. The following meteorological conditions are found to exist:

WS = 5 mph

WD = 300° (from NW)

Stability Class = Neutral - D

Mixing layer height = 5000 ft.

Consulting a handbook on hazardous materials, it is suggested that people be evacuated if concentrations of this pollutant exceed 400 $\mu gm/m^3$. The decision is made to evacuate anyone within a 200 $\mu gm/m^3$ isopleth to allow a reasonable safety margin.

Procedure:

1. Sketch the 22-1/2° sector on the map, as in Fig. 3.4. Identify the probable source.
2. Locate the isopleth-area tables that pertain to the meteorological conditions listed. If the specific source has been identified, sketch the 50 $\mu gm/m^3$ isopleths that come near to the monitoring point. This has been done in Fig. 3.4 for a source at 2 in square 3.

In this case, the isopleth for 250 lb/hr of SO_2 is nearest to the 50 $\mu gm/m^3$ measurement. Moving horizontally to the right-hand column, the 200 $\mu gm/m^3$ isopleth parameters are found. It is sketched with a dotted line. Action would then be taken to evacuate all persons within this isopleth.

If no specific source can be identified, it will be necessary to estimate the distance upwind. Use of the lowest effective stack height tabulated would best approximate a ground-level source.

4.0 Theory and Limitations of the Plume Model

This section describes the theoretical model of smoke plume diffusion which was used to create the isopleth-area tables in Section 5. It is not necessary to read this section in order to use the tables; however, a reader who is interested in the mathematical formulation of the diffusion model or who wishes to modify the diffusion model computer code (in the Appendix) in order to generate an alternative set of tables will find the following discussion useful.

4.1 Basic Equation and Theory

For wind speeds greater than or equal to 4 miles per hour, a model based on a steady-state Gaussian plume has been used to derive the isopleth-area tables. In a Cartesian coordinate system with the z-axis vertical and horizontal axes rotated so that the x-axis coincides with the downwind direction, the basic kernel describing the concentration χ at receptor point x_r, y_r, z_r, due to a steady emission from the point x = 0, y = 0, z = H in an infinite medium is:

$$X(x,y,z/H) = \frac{Q_s}{2\pi U \sigma_y \sigma_z} \exp\left[-.5\left\{\left(\frac{y_r}{\sigma_y}\right)^2 + \left(\frac{z_r - H}{\sigma_z}\right)^2\right\}\right] \qquad (4.1)$$

where Q_s = pollutant emission rate (micrograms per second)

U = mean wind speed (meters/sec)

σ_y = crosswind dispersion coefficient (meters), a function of downwind distance, x (Fig. 4.1)

σ_z = vertical dispersion coefficient (meters), a function of downwind distance x (Fig. 4.2)

y_r = crosswind distance (meters)

z_r = height of receptor (meters)

H = effective height of emission (meters)

x = pollutant concentration ($\mu g/m^3$)

exp [ ] = $e^{[\ ]}$

The dispersion coefficients, σ_y and σ_z, are functions of the downwind distance, x, and are parameterized according to six classes of atmospheric stability (A through F in Fig. 4.1 and Fig. 4.2). However, for the isopleth-area tables, three classes (B-unstable , D-neutral, and E-stable) are considered to be sufficient to compare ground level concentrations from different sources in order to develop control strategies during air pollution episodes. The dispersion coefficients

shown in Fig. 4.1 and 4.2 are based on a sampling or averaging time of about 10 minutes. The smallest time increment of interest in determining the onset of an episode and in defining strategies is 1 hour. Thus, for use in Eq. 4.1, the values of σ_y and σ_z in these figures have been multiplied by the factor $(60 \text{ min}/10 \text{ min})^{.2} = 1.43$ (Cramer, et al., 10).

The units of X are $\mu g/m^3$. To convert $(\mu g/m^3)$ of SO_2 to parts per million (ppm) at standard temperature (32°F) and pressure (1 atmosphere), divide by 2854. A further correction for the actual temperature is not warranted considering the uncertainties inherent in the assumed form of the dispersion equation and in the experimentally determined values of σ_y and σ_z.

4.2 Ground Level Reflection

The assumption that the pollutant is not absorbed when it makes contact with the ground or with buildings can be approximated by a model based on perfect reflection at the ground. In Figure 4.3, two infinite medium sources (Eq. 4.1) are superimposed: the actual source at effective height H and an image source H meters below the reflecting (ground) plane.

4.3 Mixing Height Assumption

A stable layer existing at height H_m above an unstable or neutral zone inhibits vertical diffusion and acts as a lid. This phenomenon can be approximated by assuming the existence of a reflecting plane at height H_m, so that in a manner analogous to reflection at ground level, an image source is introduced above the lid plane at height $2H_m - H$ (Fig. 4.4).

The problem is now complicated by the existence of two reflecting planes, ground and lid. As anyone who has stood between two mirrors knows, the result is describable by introducing multiple (infinite) pairs of reflections at increasing distances from the true source. Figure 4.5 shows two pairs of image sources. Close to the source, the images G_2 and L_2 are insignificant. At greater distances downwind, σ_z increases (Fig 4.2) and the second set of images becomes important. For example, when $2.15\ \sigma_z = (2H_m + H)$ in Fig. 4.5, the contribution at ground level from the image source L_2 is 10% of the concentration on the centerline of the plume.

The mathematical representation of the concentration of

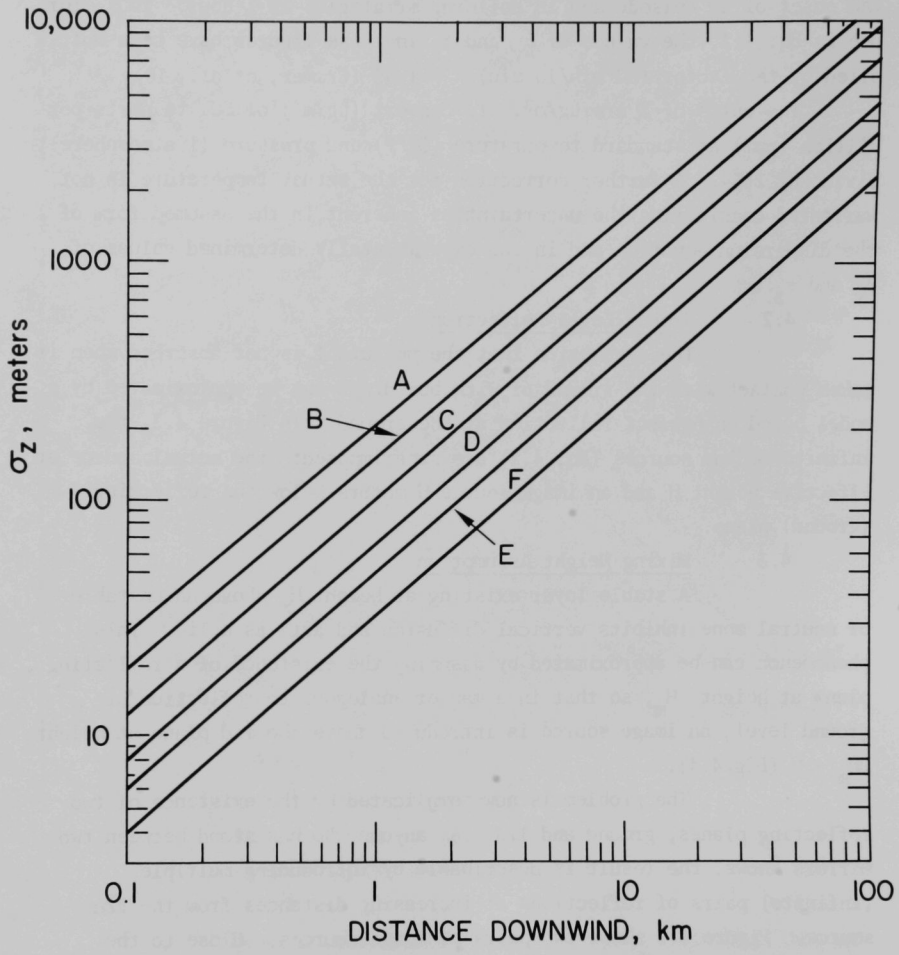


Figure 4.1

Horizontal Dispersion Coefficient as a function of Downwind Distance From the Source (after Turner, Ref. 5)

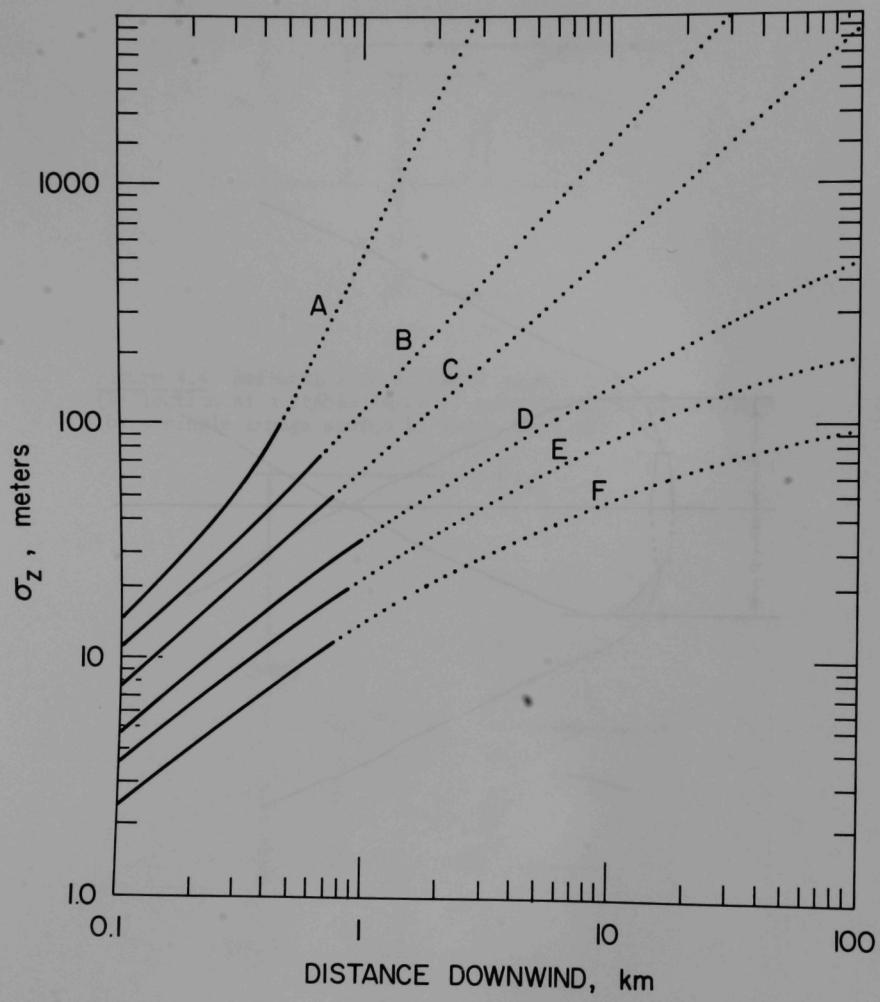


Figure 4.2
Vertical Dispersion Coefficient
as a function of Downwind
Distance From the Source (after Turner, Ref. 5)

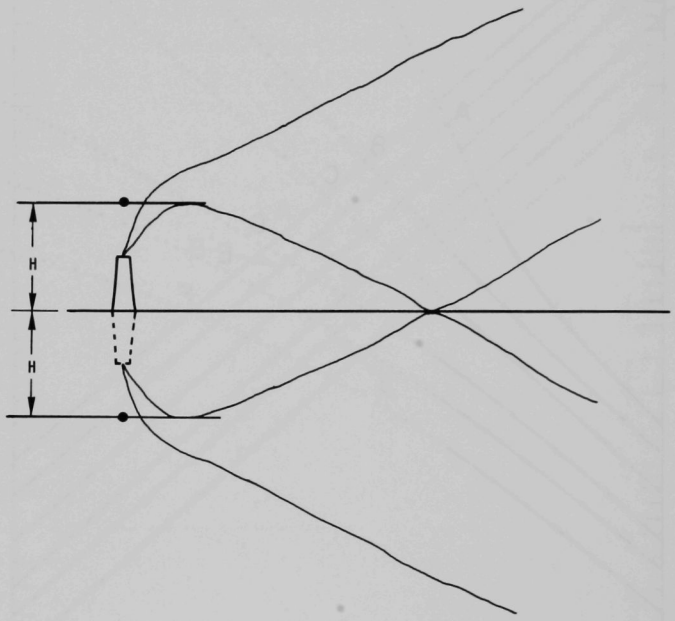


Figure 4.3

Reflection from Ground

(The reflection at the ground is described mathematically by the introduction of an image source.)

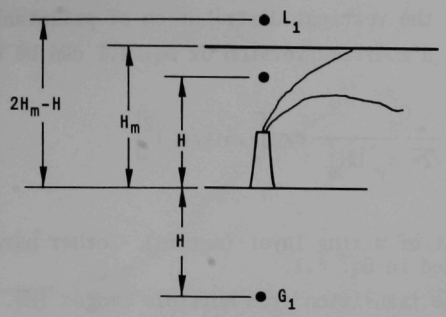


Figure 4.4 Reflection at a Stable Layer
(Reflection at a stable layer is represented mathematically by a single impage source L_1 above the lid.)

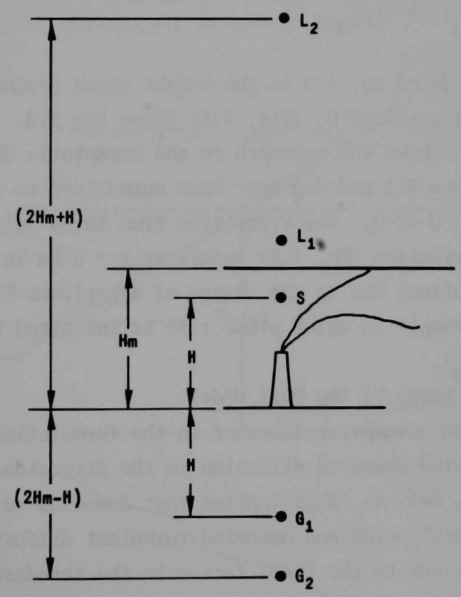


Figure 4.5 Multiple Reflections
(Multiple reflections between a stable layer and ground represented mathematically by two sets of image sources. The image G_1 is reflected above the lid at L_2. The image L_1 is reflected below ground at G_2.)

pollutants trapped between two reflecting planes is therefore represented by pairs of images which become important with increasing downwind distance. Eventually the vertical distribution of pollutants is approximately uniform and a modified version of Eq. 4.1 can be employed:

$$X(x,y) = \frac{Q_s}{\sqrt{2\pi}\,\sigma_y\,UH_m} \exp\left[-.5(y/\sigma_y)^2\right] \tag{4.2}$$

where: H_m = height of mixing layer (meters) - other parameters are as defined in Eq. 4.1.

The transition from multiple images (Eq. 4.1 and Fig. 4.5) to the uniform distribution can be made smoothly after three pairs of image sources have been introduced and at a downwind distance x_u defined by

$$2.15\,\sigma_z(x_u) = (4H_m - H) \tag{4.3}$$

The right hand side of Eq. 4.3 is the height above ground of the image L_3, which is the reflection of G_2 (Fig. 4.5) above the lid.

Figure 4.6 shows the approach to the asymptotic distribution of Eq. 4.2. Equations 4.1 and 4.2 have been normalized to remove all dependence on σ_y, U or Q. The transition from three pairs of images to the uniform distribution (Eq. 4.2) occurs at x = 9 Km in Fig. 4.6. The jump in concentrations due to the change of algorithms has been emphasized by choosing an example in which plume rise is inhibited by a lid at altitude ($H_s = H_m$).

4.4 Theory of the Puff Model

An assumption inherent in the formulation of the plume model is that upwind-downwind diffusion in the direction of transport be neglected Turner, Ref. 5. This implies that downwind advection with the mean wind dominates upwind and downwind turbulent diffusion. This assumption also leads to the (1/U) factor in the standard plume equation (Eq. 4.1), and, while there is no practical meaning to a zero wind speed, the use of the plume model under conditions of extremely low wind speed is questionable.

An alternative to the plume formulation is the puff model,

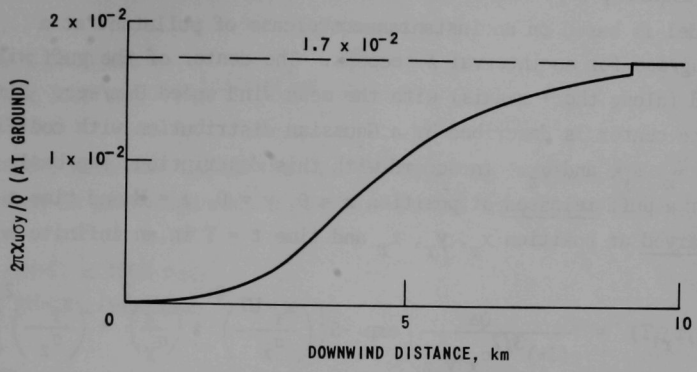


Figure 4.6

Approach to a Uniform Distribution in the Vertical
(Hm = H = 150 meters; stability Class D.)

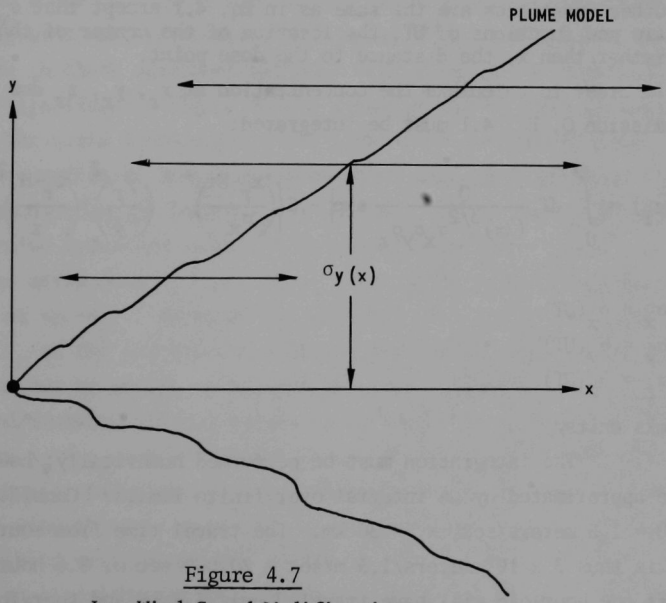


Figure 4.7

Low Wind Speed Modification
(At low wind speeds, along diffusion with $\sigma_x = \sigma_y$ widens the plume near the source.)

which introduces the parameter σ_x, an upwind-downwind diffusion coefficient (Pasquill, (8); Cramer and Dumbauld (9), Croke et al., (10) and (11). This model is based on an instantaneousrelease of pollutant at a rate Q μg/sec for an interval Δ seconds. The center of the puff will move downwind (along the + x-axis) with the mean wind speed U m/sec. Diffusion about the center is described by a Gaussian distribution with coefficients, σ_x, σ_y, and σ_z. In accord with this description, the basic equation for a puff released at position x = 0, y = 0, z = H and time t = 0 and observed at position x_r, y_r, z_r and time t = T in an infinite medium is:

$$X(x_r,y_r,z_r,T) = \frac{Q\Delta}{(2\pi)^{3/2}\sigma_x\sigma_y\sigma_z}\left[\exp -5\left\{\left(\frac{x_r-UT}{\sigma_x}\right)^2 + \left(\frac{y_r}{\sigma_y}\right)^2 + \left(\frac{z_r-H}{\sigma_z}\right)^2\right\}\right] \quad (4.4)$$

where: σ_x = along wind diffusion, a function of the downwind travel of the puff (UT)

T = lifetime of the puff

Other quantities are the same as in Eq. 4.1 except that σ_y and σ_z are now functions of UT, the location of the center of the puff, rather than x, the distance to the dose point.

In order to calculate the concentration at x_r, y_r, z_r due to a steady emission Q, Eq. 4.1 must be integrated:

$$X(x_r,y_r,z_r) = \int_0^{\infty} dT \frac{Q}{(2\pi)^{3/2}\sigma_x\sigma_y\sigma_z} \exp\left[-.5\left\{\left(\frac{x_r-UT}{\sigma_x}\right)^2 + \left(\frac{y_r}{\sigma_y}\right)^2 + \left(\frac{z_r-H}{\sigma_z}\right)^2\right\}\right] \quad (4.5)$$

where $\sigma_x = \sigma_x(UT)$

$\sigma_y = \sigma_y(UT)$

$\sigma_z = \sigma_z(UT)$

mks units

The integration must be performed numerically; however, it can be approximated by an integral over finite limits. Consider the example U = 1.5 meters/sec, x_r = 30 km. The travel time from source to receptor is thus 3 x 10^4 meters/1.5 m/sec = 20,000 sec or 5.6 hours. Now a puff one hour old will have traveled only 5.4 km and therefore will not contribute significantly to a dose point 24.6 km (30 km-5.4 km)away; a puff that is 10 hours old will be too far downwind of the dose point.Thus,

for this example, the limits in the integral can quite reasonably be set at

$$\int_{1 \times 3600 \text{ sec}}^{9 \times 3600 \text{ sec}} \quad \text{instead of} \quad \int_0^\infty$$

In practice, when the travel time to the source is N hours, the numerical integration is performed over a ten-hour period surrounding the hour N;

i.e., $$\int_{(N-5) \times 3600 \text{ sec}}^{(N+5) \times 3600 \text{ sec}}$$

The dispersion coefficients shown in Figs. 4.1 and 4.2 along with the assumption $\sigma_x = \sigma_y$ have been used in Eq. 4.5 to generate the isopleth-area tables for wind speeds less than 4 mph. Since these are also the coefficients for the plume model, the two approaches (plume and puff) merge when downwind advection dominates upwind-downwind dispersion. In fact, even at 2 mph, the centerline concentrations predicted by the two models are in close agreement although variations in the crosswind direction are significant. Figure 4.7 is a sketch showing this crosswind effect. The solid lines signify the plume width represented by σ_y. However, introduction of upwind-downwind dispersion, symbolized by the double-ended arrows of length $\sigma_x = \sigma_y$, tends to widen the plume and thereby raise crosswind concentrations near the source.

The assumption $\sigma_x = \sigma_y$ results in a circular puff (Eq. 4.4) moving downwind at speed U. Although not strictly correct, it is convenient to consider σ_x as the superposition of two components: (1) horizontal turbulence due to eddies of a scale smaller than the puff size, and (2) upwind/downwind elongation due to vertical shear. Thus, while the assumption $\sigma_x = \sigma_y$ may be reasonable for unstable and neutral conditions of atmospheric stability, it may be inappropriate in situations where the effect of wind shear is magnified by the existence of a stable atmosphere which inhibits vertical mixing (Croke, et al., Ref.10). Cramer (12) suggests an algorithm for incorporating wind shear in the puff formulation for stable atmospheric conditions. However, this modification was not employed in forming the isopleth-area tables.

Equation 4.4 is written for an infinite medium as in the basic plume equation (Eq. 4.1). In the puff model, the procedure for incorporating the effects of reflections at the ground and at a stable layer aloft is exactly the same as that described for the plume model in Sections 4.2 and 4.3. Multiple images are introduced, and eventually the vertical distribution becomes uniform. For the case of uniform mixing between the ground and a lid at height H_m, the denominator in Eq. 4.2 becomes $(2\pi\sigma_x\sigma_y H_m)$.

4.5

Accuracy of Atmospheric Dispersion Estimates

Cramer, et al., (12) presents a detailed statistical comparison of the plume model with experiments at distances up to 1.5 miles. In contrast with the urban setting, the terrain for the experiment was very smooth and tracer releases were at ground level as opposed to actual smoke plumes.

Their results indicate that, at the 90% confidence level, the plume model should estimate the peak dosage between .6 and 2 times the actual peak dosage. That is, if the model predicts a peak dosage of .3 ppm, we are reasonably (90%) certain that the actual peak dosage lies between .18 and .6 ppm. In mathematical terminology this is stated as:

$$P_r \left\{ .6 < \frac{x_{max}\,\text{actual}}{x_{max}\,\text{model}} < 2.0 \right\} = .9 \quad .$$

The area within an isopleth is difficult to measure experimentally. The limits on the ratio of actual to model areas at the 90% confidence level were:

$$P_r \left\{ .4 < \frac{A_{\text{actual}}}{A_{\text{model}}} < 2.25 \right\} = .9 \quad .$$

Thus, an area estimate in the tables may easily be off by a factor of 2.

The following quotation from the Workbook by Turner (5) discusses the accuracy of the plume model based on his experience in developing urban air pollution models for Nashville, Tenn., and St. Louis, Mo.:

"Because of a multitude of scientific and technical limitations the diffusion computation method presented in this manual may provide best estimates but not infallible predictions. In the unstable and stable cases, severalfold errors in estimate of σ_z can occur for the longer travel distances. In some cases the σ_z may be expected to be correct within a factor of 2, however. There are: (1) all stabilities for distance of travel out to a few hundred meters; (2) neutral to moderately unstable conditions for distances out to a few kilometers; and (3) unstable conditions in the lower 1000 meters of the atmoshere with a marked inversion above for distances out to 10 km or more. Uncertainties in the estimates of σ_y are in general less than those of σ_z. The ground-level centerline concentrations for these three cases (where σ_z can be expected to be within a factor of 2) should be correct within a factor of 3, including errors in σ_y and u. The relative confidence in the σ's (in decreasing order) is indicated by the heavy lines and dashed lines in [Figs 4.1 and 4.2]."

For purposes of developing control strategies during air pollution episodes, the relative contributions at ground level of different controllable sources are as important as the actual or absolute values of these concentrations. These relative contributions can often be estimated with greater confidence than the actual values. For example, if the estimate of σ_y is 50% high, it will influence somewhat uniformly the estimated dispersion from all plants. In contrast, if a lid exists at 700 feet instead of the estimated 1500 feet, it will greatly affect the ground level contribution from a 400-foot stack but have little effect on that from a 75-foot stack.

References

(1) "Episode Control Operations Manual", ANL-ES---, (to be published).

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(3) Cohen, A. S., et al, "Long-Range Planning in Air Resource Management." ANL/ES-CC-008, (Jan. 1971).

(4) Clarke, J. F. (1964) "A Simple Diffusion Model for Calculating Point Concentrations from Multiple Sources," A.P.C.A. Journal, 9, September 1964.

(5) Turner, D. B., (1970), "Workbook of Atmospheric Dispersion Estimates, Revised," U. S. Department of Health, Education and Welfare, Public Health Service Pub. No. 999-AP-26.

(6) Carson, J. E. and H. Moses, (1967), "The Validity of Currently Popular Plume Rise Formulas," AECL-2787, Proceedings of the UEAEC Meteorological Information Meeting, Chalk River, Ontario, September, 1967, pp. 1-20.

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(8) Pasquill, F., (1962), "Atmospheric Diffusion," D. Van Nostrand Co., Ltd., London, p. 190.

(9) Cramer, H. E. and R. K. Dumbauld, (1968), "Experimental Designs for Dosage Predictions in CB Field Tests," GCA Report No. 68-17-G, GCA Corporation, Bedford, Mass.

(10) Croke, et al. (1968a) Chicago Air Pollution System Model, Second Quarterly Progress Report, Argonne National Laboratory Report. ANL/ES-CC-002, February 1968.

(11) Croke, et al. (1969) Chicago Air Pollution System Model, Second Quarterly Progress Report, Argonne National Laboratory Report. ANL/ES-CC-004, February 1968.

(12) Cramer, H. E., DeSanto, G. M. Dumbauld, R. K., Morgenstern, P., Swanson, R. N., (1964), "Meteorological Prediction Techniques and Data System," Geophysics Corporation of America, GCA Tech. Report No. 64-3-G, March 10, 1964, p. 34.

5.0 Isopleth Area Tables

5.1 Index to Tables

Table 5.1 consists of 334 numbered tables, each describing ground level concentration areas and isopleths of .02, .1, and .2 ppm SO_2 in air at 32°F for up to 15 values of source strength QSO2 between 20 and 100,000 pounds/hr.

Table 5.2 consists of 334 numbered tables also; the isopleths are at 50, 100, and 200 $\mu g/m^3$ for any kind of molecular gas or particulate emission, and for up to 15 values of source strength QP or QSO2 between 20 and 100,000 pounds/hr.

Isopleth areas are described by the following parameters:

DLE — Distance from the source to the leading edge of the isopleth in the downwind direction, in miles;

LGTH — Length of the isopleth, in miles;

WDTH — Maximum width of the isopleth, in miles;

CHIMAX — Maximum concentration in ppm or $\mu g/m^3$;

DOM — Distance downwind from the source to the point of maximum concentration (CHIMAX), in miles.

Table 5.0

INDEX TO ISOPLETH AREA TABLES

1. Table Numbers For Given Mixing Height and Wind Speed

MIXING HEIGHT (FEET) \ WIND SPEED (MPH)	2	5	10	15	25
250	1-4	5-8	9-12	--	--
500	13-18	19-24	25-30	--	--
750	31-38	39-46	47-54	--	--
1000	55-64	65-74	75-84	85-94	--
1500	95-105	106-116	117-127	128-138	139-149
2000	150-161	162-173	174-185	186-197	198-209
5000	210-224	225-239	240-254	255-269	270-284
INFINITE	285-294	295-304	305-314	315-324	325-334

Table 5.0

INDEX TO ISOPLETH AREA TABLES

2. Table Numbers By Mixing Height, Wind Speed, Effective Stack Height, and Stability Class

TABLE NUMBER	MIXING HEIGHT (FEET)	WIND SPEED (MPH)	EFFECTIVE STACK HEIGHT (FEET)	STABILITY CLASS: UNSTABLE -B NEUTRAL - D STABLE - E
1-2	250	2	100	B,D
3-4			250	
5-8		5	100,250	
9-12		10		
13-30	500	2,5,10	100,250,500	
31-54	750		100,250,500,750	
55-94	1000	2,5,10,15	100,250,500,750,1000	
95-149	1500	2,5,10,15,25	100,250,500,750,1000	B,D
			1500	D
150-209	2000		100,250,500,750,1000	B,D
			1500,2000	D
210-284	5000		100,250,500,750,1000	B,D
			1500,2000,2500,3500, 5000	D
285-334	Infinite		100,250,500,750,1000, 1500,2000,2500,3500, 5000	E

Table 5.1

Isopleth Area Tables 1-334
for Sulfur Dioxide
Levels of 50 $\mu g/m^3$, 100 $\mu g/m^3$,
and 200 $\mu g/m^3$

1

MIXING HEIGHT..... 250.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
20.	0.3	0.3	0.5	0.5	61.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
50.	1.0	0.3	2.0	0.5	152.	0.5	0.5	0.3	1.0	0.5	152.	0.5	0.0	0.0	0.0	0.0	0.	0.0
100.	4.3	0.3	4.5	1.5	304.	0.5	1.0	0.3	2.0	0.5	304.	0.5	0.5	0.3	1.0	0.5	304.	0.5
250.	26.5	0.3	13.0	2.5	761.	0.5	7.0	0.3	6.0	1.5	761.	0.5	1.3	0.3	2.5	0.5	761.	0.5
500.	113.0	0.3	27.0	5.5	1521.	0.5	26.5	0.3	13.0	2.5	1521.	0.5	7.0	0.3	6.0	1.5	1521.	0.5
750.	235.5	0.3	40.0	7.5	2282.	0.5	62.8	0.3	20.5	4.5	2282.	0.5	15.3	0.3	9.5	2.5	2282.	0.5
1000.	522.4	0.3	>50.0	10.5	3042.	0.5	112.0	0.3	27.0	5.5	3042.	0.5	26.5	0.3	13.0	2.5	3042.	0.5
2500.	1019.9	0.3	>50.0	20.5	7606.	0.5	621.9	0.3	>50.0	12.5	7606.	0.5	168.5	0.3	33.0	6.5	7606.	0.5
5000.	1318.4	0.3	>50.0	26.5	15211.	0.5	1019.9	0.3	>50.0	20.5	15211.	0.5	621.9	0.3	>50.0	12.5	15211.	0.5
15000.	1716.4	0.3	>50.0	34.5	45634.	0.5	1467.6	0.3	>50.0	29.5	45634.	0.5	1218.9	0.3	>50.0	24.5	45634.	0.5
25000.	1915.4	0.3	>50.0	38.5	76056.	0.5	1666.6	0.3	>50.0	33.5	76056.	0.5	1417.9	0.3	>50.0	28.5	76056.	0.5
35000.	2014.9	0.3	>50.0	40.5	106479.	0.5	1766.1	0.3	>50.0	35.5	106479.	0.5	1567.1	0.3	>50.0	31.5	106479.	0.5

2

MIXING HEIGHT..... 250.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
20.	0.8	0.3	1.5	0.5	214.	0.5	0.3	0.3	0.5	0.5	214.	0.5	0.3	0.3	0.5	0.5	214.	0.5
50.	1.8	0.3	3.5	0.5	534.	0.5	1.0	0.3	2.0	0.5	534.	0.5	0.5	0.3	1.0	0.5	534.	0.5
100.	9.0	0.3	11.0	1.5	1068.	0.5	1.8	0.3	3.5	0.5	1068.	0.5	1.0	0.3	2.0	0.5	1068.	0.5
250.	60.5	0.3	30.0	2.5	2670.	0.5	14.0	0.3	14.0	1.5	2670.	0.5	2.0	0.3	4.0	0.5	2670.	0.5
500.	273.6	0.3	>50.0	5.5	5340.	0.5	60.5	0.3	30.0	2.5	5340.	0.5	14.0	0.3	14.0	1.5	5340.	0.5
750.	422.9	0.3	>50.0	8.5	8010.	0.5	143.8	0.3	46.5	4.5	8010.	0.5	29.8	0.3	21.5	2.5	8010.	0.5
1000.	472.6	0.3	>50.0	9.5	10680.	0.5	273.6	0.3	>50.0	5.5	10680.	0.5	60.5	0.3	30.0	2.5	10680.	0.5
2500.	671.6	0.3	>50.0	13.5	26700.	0.5	522.4	0.3	>50.0	10.5	26700.	0.5	323.4	0.3	>50.0	6.5	26700.	0.5
5000.	820.9	0.3	>50.0	16.5	53399.	0.5	671.6	0.3	>50.0	13.5	53399.	0.5	522.4	0.3	>50.0	10.5	53399.	0.5
15000.	970.1	0.3	>50.0	19.5	160197.	0.5	870.6	0.3	>50.0	17.5	160197.	0.5	771.1	0.3	>50.0	15.5	160197.	0.5
25000.	1069.6	0.3	>50.0	21.5	266996.	0.5	970.1	0.3	>50.0	19.5	266996.	0.5	870.6	0.3	>50.0	17.5	266996.	0.5
35000.	1069.6	0.3	>50.0	21.5	373794.	0.5	1019.9	0.3	>50.0	20.5	373794.	0.5	920.4	0.3	>50.0	18.5	373794.	0.5

3

MIXING HEIGHT..... 250.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
20.	0.3	0.3	0.5	0.5	63.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
50.	1.0	0.3	2.0	0.5	158.	0.5	0.5	0.3	1.0	0.5	158.	0.5	0.0	0.0	0.0	0.0	0.	0.0
100.	4.3	0.3	4.5	1.5	316.	0.5	1.0	0.3	2.0	0.5	316.	0.5	0.5	0.3	1.0	0.5	316.	0.5
250.	26.5	0.3	13.0	2.5	790.	0.5	7.0	0.3	6.0	1.5	790.	0.5	1.3	0.3	2.5	0.5	790.	0.5
500.	113.0	0.3	27.0	5.5	1581.	0.5	26.5	0.3	13.0	2.5	1581.	0.5	7.0	0.3	6.0	1.5	1581.	0.5
750.	235.5	0.3	40.0	7.5	2371.	0.5	62.8	0.3	20.5	4.5	2371.	0.5	15.3	0.3	9.5	2.5	2371.	0.5
1000.	522.4	0.3	>50.0	10.5	3162.	0.5	112.0	0.3	27.0	5.5	3162.	0.5	26.5	0.3	13.0	2.5	3162.	0.5
2500.	1019.9	0.3	>50.0	20.5	7904.	0.5	621.9	0.3	>50.0	12.5	7904.	0.5	168.5	0.3	33.0	6.5	7904.	0.5
5000.	1318.4	0.3	>50.0	26.5	15808.	0.5	1019.9	0.3	>50.0	20.5	15808.	0.5	621.9	0.3	>50.0	12.5	15808.	0.5
15000.	1716.4	0.3	>50.0	34.5	47424.	0.5	1467.6	0.3	>50.0	29.5	47424.	0.5	1218.9	0.3	>50.0	24.5	47424.	0.5
25000.	1915.4	0.3	>50.0	38.5	79039.	0.5	1666.6	0.3	>50.0	33.5	79039.	0.5	1417.9	0.3	>50.0	28.5	79039.	0.5
35000.	2014.9	0.3	>50.0	40.5	110655.	0.5	1766.1	0.3	>50.0	35.5	110655.	0.5	1567.1	0.3	>50.0	31.5	110655.	0.5
50000.	2114.4	0.3	>50.0	42.5	158079.	0.5	1915.4	0.3	>50.0	38.5	158079.	0.5	1666.6	0.3	>50.0	33.5	158079.	0.5

4

MIXING HEIGHT..... 250.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
20.	0.8	0.3	1.5	0.5	90.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
50.	2.5	0.3	5.0	0.5	226.	0.5	1.0	0.3	2.0	0.5	226.	0.5	0.3	0.3	0.5	0.5	226.	0.5
100.	10.0	0.3	11.0	1.5	452.	0.5	2.5	0.3	5.0	0.5	452.	0.5	1.0	0.3	2.0	0.5	452.	0.5
250.	60.5	0.3	30.0	2.5	1131.	0.5	15.5	0.3	14.0	1.5	1131.	0.5	3.3	0.3	6.5	0.5	1131.	0.5
500.	273.6	0.3	>50.0	5.5	2262.	0.5	60.5	0.3	30.0	2.5	2262.	0.5	15.5	0.3	14.0	1.5	2262.	0.5
750.	422.9	0.3	>50.0	8.5	3393.	0.5	143.8	0.3	46.5	4.5	3393.	0.5	29.8	0.3	21.5	2.5	3393.	0.5
1000.	472.6	0.3	>50.0	9.5	4524.	0.5	273.6	0.3	>50.0	5.5	4524.	0.5	60.5	0.3	30.0	2.5	4524.	0.5
2500.	671.6	0.3	>50.0	13.5	11310.	0.5	522.4	0.3	>50.0	10.5	11310.	0.5	323.4	0.3	>50.0	6.5	11310.	0.5
5000.	820.9	0.3	>50.0	16.5	22621.	0.5	671.6	0.3	>50.0	13.5	22621.	0.5	522.4	0.3	>50.0	10.5	22621.	0.5
15000.	970.1	0.3	>50.0	19.5	67863.	0.5	870.6	0.3	>50.0	17.5	67863.	0.5	771.1	0.3	>50.0	15.5	67863.	0.5
25000.	1069.6	0.3	>50.0	21.5	113104.	0.5	970.1	0.3	>50.0	19.5	113104.	0.5	870.6	0.3	>50.0	17.5	113104.	0.5
35000.	1069.6	0.3	>50.0	21.5	158346.	0.5	1019.9	0.3	>50.0	20.5	158346.	0.5	920.4	0.3	>50.0	18.5	158346.	0.5
50000.	1119.4	0.3	>50.0	22.5	226209.	0.5	1069.6	0.3	>50.0	21.5	226209.	0.5	970.1	0.3	>50.0	19.5	226209.	0.5

5

MIXING HEIGHT..... 250.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
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	0.0	0.0	0.0	0.	0.0
50.	0.3	0.3	0.5	0.5	69.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
100.	0.8	0.3	1.5	0.5	138.	0.5	0.3	0.3	0.5	0.5	138.	0.5	0.0	0.0	0.0	0.0	0.	0.0
250.	4.3	0.3	4.5	1.5	345.	0.5	1.0	0.3	2.0	0.5	345.	0.5	0.5	0.3	1.0	0.5	345.	0.5
500.	18.8	0.3	10.5	2.5	691.	0.5	4.3	0.3	4.5	1.5	691.	0.5	1.0	0.3	2.0	0.5	691.	0.5
750.	42.3	0.3	16.5	3.5	1036.	0.5	9.8	0.3	7.5	1.5	1036.	0.5	1.8	0.3	3.5	0.5	1036.	0.5
1000.	77.3	0.3	22.5	4.5	1381.	0.5	18.8	0.3	10.5	2.5	1381.	0.5	4.3	0.3	4.5	1.5	1381.	0.5
2500.	572.1	0.3	>50.0	11.5	3454.	0.5	122.0	0.3	29.0	5.5	3454.	0.5	27.3	0.3	13.5	2.5	3454.	0.5
5000.	1019.9	0.3	>50.0	20.5	6907.	0.5	572.1	0.3	>50.0	11.5	6907.	0.5	122.0	0.3	29.0	5.5	6907.	0.5
15000.	1517.4	0.3	>50.0	30.5	20722.	0.5	1218.9	0.3	>50.0	24.5	20722.	0.5	820.9	0.3	>50.0	16.5	20722.	0.5
25000.	1666.6	0.3	>50.0	33.5	34537.	0.5	1417.9	0.3	>50.0	28.5	34537.	0.5	1119.4	0.3	>50.0	22.5	34537.	0.5
35000.	1766.1	0.3	>50.0	35.5	48352.	0.5	1567.1	0.3	>50.0	31.5	48352.	0.5	1268.6	0.3	>50.0	25.5	48352.	0.5

6

MIXING HEIGHT..... 250.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
20.	0.3	0.3	0.5	0.5	85.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
50.	0.8	0.3	1.5	0.5	213.	0.5	0.3	0.3	0.5	0.5	213.	0.5	0.3	0.3	0.5	0.5	213.	0.5
100.	1.8	0.3	3.5	0.5	425.	0.5	0.8	0.3	1.5	0.5	425.	0.5	0.3	0.3	0.5	0.5	425.	0.5
250.	9.3	0.3	11.5	1.5	1064.	0.5	2.3	0.3	4.5	0.5	1064.	0.5	1.0	0.3	2.0	0.5	1064.	0.5
500.	42.0	0.3	24.0	2.5	2127.	0.5	9.3	0.3	11.5	1.5	2127.	0.5	2.3	0.3	4.5	0.5	2127.	0.5
750.	96.3	0.3	37.5	3.5	3191.	0.5	21.8	0.3	17.5	1.5	3191.	0.5	4.0	0.3	8.0	0.5	3191.	0.5
1000.	223.9	0.3	>50.0	4.5	4255.	0.5	42.0	0.3	24.0	2.5	4255.	0.5	9.3	0.3	11.5	1.5	4255.	0.5
2500.	472.6	0.3	>50.0	9.5	10637.	0.5	273.6	0.3	>50.0	5.5	10637.	0.5	62.3	0.3	30.5	2.5	10637.	0.5
5000.	671.6	0.3	>50.0	13.5	21273.	0.5	472.6	0.3	>50.0	9.5	21273.	0.5	273.6	0.3	>50.0	5.5	21273.	0.5
15000.	820.9	0.3	>50.0	16.5	63820.	0.5	721.4	0.3	>50.0	14.5	63820.	0.5	572.1	0.3	>50.0	11.5	63820.	0.5
25000.	920.4	0.3	>50.0	18.5	106367.	0.5	820.9	0.3	>50.0	16.5	106367.	0.5	671.6	0.3	>50.0	13.5	106367.	0.5
35000.	970.1	0.3	>50.0	19.5	148914.	0.5	870.6	0.3	>50.0	17.5	148914.	0.5	771.1	0.3	>50.0	15.5	148914.	0.5

7

MIXING HEIGHT..... 250.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	0.0	0.0	0.0	0.	0.0
50.	0.3	0.3	0.5	0.5	69.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
100.	0.8	0.3	1.5	0.5	137.	0.5	0.3	0.3	0.5	0.5	137.	0.5	0.0	0.0	0.0	0.0	0.	0.0
250.	4.3	0.3	4.5	1.5	343.	0.5	1.0	0.3	2.0	0.5	343.	0.5	0.5	0.3	1.0	0.5	343.	0.5
500.	18.8	0.3	10.5	2.5	687.	0.5	4.3	0.3	4.5	1.5	687.	0.5	1.0	0.3	2.0	0.5	687.	0.5
750.	42.3	0.3	16.5	3.5	1030.	0.5	9.8	0.3	7.5	1.5	1030.	0.5	1.8	0.3	3.5	0.5	1030.	0.5
1000.	77.3	0.3	22.5	4.5	1374.	0.5	18.8	0.3	10.5	2.5	1374.	0.5	4.3	0.3	4.5	1.5	1374.	0.5
2500.	572.1	0.3	>50.0	11.5	3434.	0.5	122.0	0.3	29.0	5.5	3434.	0.5	27.3	0.3	13.5	2.5	3434.	0.5
5000.	1019.9	0.3	>50.0	20.5	6869.	0.5	572.1	0.3	>50.0	11.5	6869.	0.5	122.0	0.3	29.0	5.5	6869.	0.5
15000.	1517.4	0.3	>50.0	30.5	20607.	0.5	1218.9	0.3	>50.0	24.5	20607.	0.5	820.9	0.3	>50.0	16.5	20607.	0.5
25000.	1666.6	0.3	>50.0	33.5	34344.	0.5	1417.9	0.3	>50.0	28.5	34344.	0.5	1119.4	0.3	>50.0	22.5	34344.	0.5
35000.	1766.1	0.3	>50.0	35.5	48082.	0.5	1567.1	0.3	>50.0	31.5	48082.	0.5	1268.6	0.3	>50.0	25.5	48082.	0.5
50000.	1915.4	0.3	>50.0	38.5	68688.	0.5	1666.6	0.3	>50.0	33.5	68688.	0.5	1417.9	0.3	>50.0	28.5	68688.	0.5

8

MIXING HEIGHT..... 250.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	0.0	0.0	0.0	0.	0.0
50.	0.8	0.3	1.5	0.5	90.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
100.	1.5	0.3	3.0	0.5	181.	1.0	0.8	0.3	1.5	0.5	181.	1.0	0.0	0.0	0.0	0.0	0.	0.0
250.	10.3	0.3	11.5	1.5	452.	1.0	2.5	0.3	5.0	0.5	452.	1.0	1.0	0.3	2.0	0.5	452.	1.0
500.	41.5	0.3	24.0	2.5	905.	1.0	10.3	0.3	11.5	1.5	905.	1.0	2.5	0.3	5.0	0.5	905.	1.0
750.	96.3	0.3	37.5	3.5	1357.	1.0	21.3	0.3	17.5	1.5	1357.	1.0	4.0	0.3	8.0	0.5	1357.	1.0
1000.	223.9	0.3	>50.0	4.5	1810.	1.0	41.5	0.3	24.0	2.5	1810.	1.0	10.3	0.3	11.5	1.5	1810.	1.0
2500.	472.6	0.3	>50.0	9.5	4525.	1.0	273.6	0.3	>50.0	5.5	4525.	1.0	62.3	0.3	30.5	2.5	4525.	1.0
5000.	671.6	0.3	>50.0	13.5	9049.	1.0	472.6	0.3	>50.0	9.5	9049.	1.0	273.6	0.3	>50.0	5.5	9049.	1.0
15000.	820.9	0.3	>50.0	16.5	27148.	1.0	721.4	0.3	>50.0	14.5	27148.	1.0	572.1	0.3	>50.0	11.5	27148.	1.0
25000.	920.4	0.3	>50.0	18.5	45247.	1.0	820.9	0.3	>50.0	16.5	45247.	1.0	671.6	0.3	>50.0	13.5	45247.	1.0
35000.	970.1	0.3	>50.0	19.5	63346.	1.0	870.6	0.3	>50.0	17.5	63346.	1.0	771.1	0.3	>50.0	15.5	63346.	1.0
50000.	1019.9	0.3	>50.0	20.5	90494.	1.0	920.4	0.3	>50.0	18.5	90494.	1.0	820.9	0.3	>50.0	16.5	90494.	1.0

9

MIXING HEIGHT..... 250.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
100.	0.3	0.3	0.5	0.5	69.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	1.0	0.3	2.0	0.5	173.	0.5	0.5	0.3	1.0	0.5	173.	0.5	0.0	0.0	0.0	0.0	0.	0.0
500.	4.3	0.3	4.5	1.5	345.	0.5	1.0	0.3	2.0	0.5	345.	0.5	0.5	0.3	1.0	0.5	345.	0.5
750.	9.8	0.3	7.5	1.5	518.	0.5	1.8	0.3	3.5	0.5	518.	0.5	0.8	0.3	1.5	0.5	518.	0.5
1000.	18.8	0.3	10.5	2.5	691.	0.5	4.3	0.3	4.5	1.5	691.	0.5	1.0	0.3	2.0	0.5	691.	0.5
2500.	122.5	0.3	29.0	5.5	1727.	0.5	27.3	0.3	13.5	2.5	1727.	0.5	7.0	0.3	6.0	1.5	1727.	0.5
5000.	572.1	0.3	>50.0	11.5	3454.	0.5	122.0	0.3	29.0	5.5	3454.	0.5	27.3	0.3	13.5	2.5	3454.	0.5
15000.	1218.9	0.3	>50.0	24.5	10361.	0.5	820.9	0.3	>50.0	16.5	10361.	0.5	284.8	0.3	45.5	8.5	10361.	0.5
25000.	1417.9	0.3	>50.0	28.5	17269.	0.5	1119.4	0.3	>50.0	22.5	17269.	0.5	671.6	0.3	>50.0	13.5	17269.	0.5
35000.	1567.1	0.3	>50.0	31.5	24176.	0.5	1268.6	0.3	>50.0	25.5	24176.	0.5	920.4	0.3	>50.0	18.5	24176.	0.5

10

MIXING HEIGHT..... 250.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	0.0	0.0	0.0	0.	0.0
50.	0.3	0.3	0.5	0.5	106.	0.5	0.3	0.3	0.5	0.5	106.	0.5	0.0	0.0	0.0	0.0	0.	0.0
100.	0.8	0.3	1.5	0.5	213.	0.5	0.3	0.3	0.5	0.5	213.	0.5	0.3	0.3	0.5	0.5	213.	0.5
250.	2.3	0.3	4.5	0.5	532.	0.5	1.0	0.3	2.0	0.5	532.	0.5	0.5	0.3	1.0	0.5	532.	0.5
500.	9.3	0.3	11.5	1.5	1064.	0.5	2.3	0.3	4.5	0.5	1064.	0.5	1.0	0.3	2.0	0.5	1064.	0.5
750.	21.8	0.3	17.5	1.5	1596.	0.5	4.0	0.3	8.0	0.5	1596.	0.5	1.8	0.3	3.5	0.5	1596.	0.5
1000.	42.0	0.3	24.0	2.5	2127.	0.5	9.3	0.3	11.5	1.5	2127.	0.5	2.3	0.3	4.5	0.5	2127.	0.5
2500.	273.6	0.3	>50.0	5.5	5318.	0.5	62.3	0.3	30.5	2.5	5318.	0.5	16.3	0.3	14.5	1.5	5318.	0.5
5000.	472.6	0.3	>50.0	9.5	10637.	0.5	273.6	0.3	>50.0	5.5	10637.	0.5	62.3	0.3	30.5	2.5	10637.	0.5
15000.	721.4	0.3	>50.0	14.5	31910.	0.5	572.1	0.3	>50.0	11.5	31910.	0.5	422.9	0.3	>50.0	8.5	31910.	0.5
25000.	820.9	0.3	>50.0	16.5	53183.	0.5	671.6	0.3	>50.0	13.5	53183.	0.5	522.4	0.3	>50.0	10.5	53183.	0.5
35000.	870.6	0.3	>50.0	17.5	74457.	0.5	771.1	0.3	>50.0	15.5	74457.	0.5	621.9	0.3	>50.0	12.5	74457.	0.5

11

MIXING HEIGHT..... 250.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVFL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
2C.	0.0	0.0	0.0	0.0	0.	0.0	0.0	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
100.	0.3	0.3	0.5	0.5	69.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	1.0	0.3	2.0	0.5	172.	0.5	0.5	0.3	1.0	0.5	172.	0.5	0.0	0.0	0.0	0.0	0.	0.0
500.	4.3	0.3	4.5	1.5	343.	0.5	1.0	0.3	2.0	0.5	343.	0.5	0.5	0.3	1.0	0.5	343.	0.5
750.	9.8	0.3	7.5	1.5	515.	0.5	1.8	0.3	3.5	0.5	515.	0.5	0.8	0.3	1.5	0.5	515.	0.5
1000.	18.8	0.3	10.5	2.5	687.	0.5	4.3	0.3	4.5	1.5	687.	0.5	1.0	0.3	2.0	0.5	687.	0.5
2500.	122.5	0.3	29.0	5.5	1717.	0.5	27.3	0.3	13.5	2.5	1717.	0.5	7.0	0.3	6.0	1.5	1717.	0.5
5000.	572.1	0.3	>50.0	11.5	3434.	0.5	122.0	0.3	29.0	5.5	3434.	0.5	27.3	0.3	13.5	2.5	3434.	0.5
15000.	1218.9	0.3	>50.0	24.5	10303.	0.5	820.9	0.3	>50.0	16.5	10303.	0.5	284.8	0.3	45.5	8.5	10303.	0.5
25000.	1417.9	0.3	>50.0	28.5	17172.	0.5	1119.4	0.3	>50.0	22.5	17172.	0.5	671.6	0.3	>50.0	13.5	17172.	0.5
35000.	1567.1	0.3	>50.0	31.5	24041.	0.5	1268.6	0.3	>50.0	25.5	24041.	0.5	920.4	0.3	>50.0	18.5	24041.	0.5
5000C.	1666.6	0.3	>50.0	33.5	34344.	0.5	1417.9	0.3	>50.0	28.5	34344.	0.5	1119.4	0.3	>50.0	22.5	34344.	0.5

12

MIXING HEIGHT..... 250.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
100.	0.8	0.3	1.5	0.5	90.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	2.5	0.3	5.0	0.5	226.	1.0	1.0	0.3	2.0	0.5	226.	1.0	0.3	0.8	0.5	0.5	226.	1.0
500.	10.3	0.3	11.5	1.5	452.	1.0	2.5	0.3	5.0	0.5	452.	1.0	1.0	0.3	2.0	0.5	452.	1.0
750.	21.3	0.3	17.5	1.5	679.	1.0	4.0	0.3	8.0	0.5	679.	1.0	1.5	0.3	3.0	0.5	679.	1.0
1000.	41.5	0.3	24.0	2.5	905.	1.0	10.3	0.3	11.5	1.5	905.	1.0	2.5	0.3	5.0	0.5	905.	1.0
2500.	273.6	0.3	>50.0	5.5	2262.	1.0	62.3	0.3	30.5	2.5	2262.	1.0	16.3	0.3	14.5	1.5	2262.	1.0
5000.	472.6	0.3	>50.0	9.5	4525.	1.0	273.6	0.3	>50.0	5.5	4525.	1.0	62.3	0.3	30.5	2.5	4525.	1.0
15000.	721.4	0.3	>50.0	14.5	13574.	1.0	572.1	0.3	>50.0	11.5	13574.	1.0	422.9	0.3	>50.0	8.5	13574.	1.0
25000.	820.9	0.3	>50.0	16.5	22624.	1.0	671.6	0.3	>50.0	13.5	22624.	1.0	522.4	0.3	>50.0	10.5	22624.	1.0
35000.	870.6	0.3	>50.0	17.5	31673.	1.0	771.1	0.3	>50.0	15.5	31673.	1.0	621.9	0.3	>50.0	12.5	31673.	1.0
5000C.	920.4	0.3	>50.0	18.5	45247.	1.0	820.9	0.3	>50.0	16.5	45247.	1.0	671.6	0.3	>50.0	13.5	45247.	1.0

13

MIXING HEIGHT..... 500.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
AREA Q MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.3	0.3	0.5	0.5	105.	0.5	0.3	0.3	0.5	0.5	105.	0.5	0.0	0.0	0.0	0.0	0.	0.0
0.5	0.3	1.0	0.5	209.	0.5	0.3	0.3	0.5	0.5	209.	0.5	0.3	0.3	0.5	0.5	209.	0.5
6.5	0.3	6.0	1.5	523.	0.5	0.5	0.3	1.0	0.5	523.	0.5	0.3	0.3	0.5	0.5	523.	0.5
26.5	0.3	13.0	2.5	1045.	0.5	6.5	0.3	6.0	1.5	1045.	0.5	0.5	0.3	1.0	0.5	1045.	0.5
63.3	0.3	20.5	4.5	1568.	0.5	14.8	0.3	9.5	2.5	1568.	0.5	3.3	0.3	4.5	1.5	1568.	0.5
13.0	0.3	27.0	5.5	2090.	0.5	26.5	0.3	13.0	2.5	2090.	0.5	6.5	0.3	6.0	1.5	2090.	0.5
21.9	0.3	>50.0	12.5	5226.	0.5	168.5	0.3	33.0	6.5	5226.	0.5	43.8	0.3	16.5	3.5	5226.	0.5
19.9	0.3	>50.0	20.5	10451.	0.5	621.9	0.3	>50.0	12.5	10451.	0.5	168.5	0.3	33.0	6.5	10451.	0.5
17.4	0.3	>50.0	30.5	31353.	0.5	1218.9	0.3	>50.0	24.5	31353.	0.5	820.9	0.3	>50.0	16.5	31353.	0.5
66.6	0.3	>50.0	33.5	52255.	0.5	1417.9	0.3	>50.0	28.5	52255.	0.5	1119.4	0.3	>50.0	22.5	52255.	0.5
66.1	0.3	>50.0	35.5	73158.	0.5	1567.1	0.3	>50.0	31.5	73158.	0.5	1268.6	0.3	>50.0	25.5	73158.	0.5

14

MIXING HEIGHT..... 500.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
AREA Q MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
0.5	0.3	1.0	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.5
1.3	0.3	2.5	0.5	526.	0.5	0.8	0.3	1.5	0.5	526.	0.5	0.3	0.3	0.5	0.5	526.	0.5
2.3	0.3	4.5	0.5	1053.	0.5	1.3	0.3	2.5	0.5	1053.	0.5	0.8	0.3	1.5	0.5	1053.	0.5
9.5	0.3	10.0	1.5	2631.	0.5	2.8	0.3	5.5	0.5	2631.	0.5	1.5	0.3	3.0	0.5	2631.	0.5
50.5	0.3	30.0	2.5	5263.	0.5	9.5	0.3	10.0	1.5	5263.	0.5	2.8	0.3	5.5	0.5	5263.	0.5
39.5	0.3	47.0	4.5	7894.	0.5	17.0	0.3	14.0	1.5	7894.	0.5	4.0	0.3	8.0	0.5	7894.	0.5
73.6	0.3	>50.0	5.5	10526.	0.5	50.5	0.3	30.0	2.5	10526.	0.5	9.5	0.3	10.0	1.5	10526.	0.5
22.4	0.3	>50.0	10.5	26314.	0.5	323.4	0.3	>50.0	6.5	26314.	0.5	96.3	0.3	38.5	3.5	26314.	0.5
71.6	0.3	>50.0	13.5	52629.	0.5	522.4	0.3	>50.0	10.5	52629.	0.5	323.4	0.3	>50.0	6.5	52629.	0.5
70.6	0.3	>50.0	17.5	157887.	0.5	771.1	0.3	>50.0	15.5	157887.	0.5	621.9	0.3	>50.0	12.5	157887.	0.5
70.1	0.3	>50.0	19.5	263145.	0.5	870.6	0.3	>50.0	17.5	263145.	0.5	721.4	0.3	>50.0	14.5	263145.	0.5
19.9	0.3	>50.0	20.5	368403.	0.5	920.4	0.3	>50.0	18.5	368403.	0.5	771.1	0.3	>50.0	15.5	368403.	0.5

15

MIXING HEIGHT..... 500.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
AREA Q MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.3	0.3	0.5	0.5	98.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.5	0.3	1.0	0.5	196.	0.5	0.3	0.3	0.5	0.5	196.	0.5	0.0	0.0	0.0	0.0	0.	0.0
6.5	0.3	6.0	1.5	490.	0.5	1.3	0.3	2.5	0.5	490.	0.5	0.5	0.3	1.0	0.5	490.	0.5
26.5	0.3	13.0	2.5	980.	0.5	6.5	0.3	6.0	1.5	980.	0.5	1.3	0.3	2.5	0.5	980.	0.5
63.3	0.3	20.5	4.5	1469.	0.5	14.8	0.3	9.5	2.5	1469.	0.5	3.3	0.3	4.5	1.5	1469.	0.5
13.0	0.3	27.0	5.5	1959.	0.5	26.5	0.3	13.0	2.5	1959.	0.5	6.5	0.3	6.0	1.5	1959.	0.5
21.9	0.3	>50.0	12.5	4898.	0.5	168.5	0.3	33.0	6.5	4898.	0.5	43.8	0.3	16.5	3.5	4898.	0.5
19.9	0.3	>50.0	20.5	9796.	0.5	621.9	0.3	>50.0	12.5	9796.	0.5	168.5	0.3	33.0	6.5	9796.	0.5
17.4	0.3	>50.0	30.5	29388.	0.5	1218.9	0.3	>50.0	24.5	29388.	0.5	820.9	0.3	>50.0	16.5	29388.	0.5
66.6	0.3	>50.0	33.5	48980.	0.5	1417.9	0.3	>50.0	28.5	48980.	0.5	1119.4	0.3	>50.0	22.5	48980.	0.5
66.1	0.3	>50.0	35.5	68572.	0.5	1567.1	0.3	>50.0	31.5	68572.	0.5	1268.6	0.3	>50.0	25.5	68572.	0.5
15.4	0.3	>50.0	38.5	97960.	0.5	1666.6	0.3	>50.0	33.5	97960.	0.5	1417.9	0.3	>50.0	28.5	97960.	0.5

16

MIXING HEIGHT..... 500.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	0.0	0.0	0.0	0.	0.0
50.	1.3	0.3	2.5	0.5	113.	0.5	0.5	0.3	1.0	0.5	113.	0.5	0.0	0.0	0.0	0.0	0.	0.0
100.	2.5	0.3	5.0	0.5	226.	0.5	1.3	0.3	2.5	0.5	226.	0.5	0.5	0.3	1.0	0.5	226.	0.5
250.	10.3	0.3	10.5	1.5	566.	0.5	3.0	0.3	6.0	0.5	566.	0.5	1.5	0.3	3.0	0.5	566.	0.5
500.	54.5	0.3	30.0	2.5	1131.	0.5	10.3	0.3	10.5	1.5	1131.	0.5	3.0	0.3	6.0	0.5	1131.	0.5
750.	142.0	0.3	47.0	4.5	1697.	0.5	17.8	0.3	14.5	1.5	1697.	0.5	4.3	0.3	8.5	0.5	1697.	0.5
1000.	273.6	0.3	>50.0	5.5	2262.	0.5	54.0	0.3	30.0	2.5	2262.	0.5	10.3	0.3	10.5	1.5	2262.	0.5
2500.	522.4	0.3	>50.0	10.5	5655.	0.5	323.4	0.3	>50.0	6.5	5655.	0.5	98.8	0.3	38.5	3.5	5655.	0.5
5000.	671.6	0.3	>50.0	13.5	11310.	0.5	522.4	0.3	>50.0	10.5	11310.	0.5	323.4	0.3	>50.0	6.5	11310.	0.5
15000.	870.6	0.3	>50.0	17.5	33931.	0.5	771.1	0.3	>50.0	15.5	33931.	0.5	621.9	0.3	>50.0	12.5	33931.	0.5
25000.	970.1	0.3	>50.0	19.5	56552.	0.5	870.6	0.3	>50.0	17.5	56552.	0.5	721.4	0.3	>50.0	14.5	56552.	0.5
35000.	1019.9	0.3	>50.0	20.5	79173.	0.5	920.4	0.3	>50.0	18.5	79173.	0.5	771.1	0.3	>50.0	15.5	79173.	0.5
50000.	1069.6	0.3	>50.0	21.5	113105.	0.5	970.1	0.3	>50.0	19.5	113105.	0.5	870.6	0.3	>50.0	17.5	113105.	0.5

17

MIXING HEIGHT..... 500.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
100.	1.0	0.3	2.0	0.5	177.	0.5	0.3	0.3	0.5	0.5	177.	0.5	0.0	0.0	0.0	0.0	0.	0.0
250.	7.0	0.3	6.0	1.5	443.	0.5	1.3	0.3	2.5	0.5	443.	0.5	0.5	0.3	1.0	0.5	443.	0.5
500.	26.5	0.3	13.0	2.5	887.	0.5	7.0	0.3	6.0	1.5	887.	0.5	1.3	0.3	2.5	0.5	887.	0.5
750.	63.3	0.3	20.5	4.5	1330.	0.5	15.3	0.3	9.5	2.5	1330.	0.5	3.3	0.3	4.5	1.5	1330.	0.5
1000.	113.0	0.3	27.0	5.5	1773.	0.5	26.5	0.3	13.0	2.5	1773.	0.5	7.0	0.3	6.0	1.5	1773.	0.5
2500.	621.9	0.3	>50.0	12.5	4434.	0.5	168.5	0.3	33.0	6.5	4434.	0.5	43.8	0.3	16.5	3.5	4434.	0.5
5000.	1019.9	0.3	>50.0	20.5	8867.	0.5	621.9	0.3	>50.0	12.5	8867.	0.5	168.5	0.3	33.0	6.5	8867.	0.5
15000.	1517.4	0.3	>50.0	30.5	26602.	0.5	1218.9	0.3	>50.0	24.5	26602.	0.5	820.9	0.3	>50.0	16.5	26602.	0.5
25000.	1666.6	0.3	>50.0	33.5	44336.	0.5	1417.9	0.3	>50.0	28.5	44336.	0.5	1119.4	0.3	>50.0	22.5	44336.	0.5
35000.	1766.1	0.3	>50.0	35.5	62071.	0.5	1567.1	0.3	>50.0	31.5	62071.	0.5	1268.6	0.3	>50.0	25.5	62071.	0.5
50000.	1915.4	0.3	>50.0	38.5	88672.	0.5	1666.6	0.3	>50.0	33.5	88672.	0.5	1417.9	0.3	>50.0	28.5	88672.	0.5

18

MIXING HEIGHT..... 500.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
100.	2.3	0.8	4.5	0.5	92.	2.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	10.0	0.8	10.0	1.5	230.	2.0	2.8	0.8	5.5	0.5	230.	2.0	1.0	1.3	2.0	0.5	230.	2.0
500.	58.3	0.8	29.5	2.5	460.	2.0	10.0	0.8	10.0	1.5	460.	2.0	2.8	0.8	5.5	0.5	460.	2.0
750.	145.3	0.8	46.5	4.5	690.	2.0	30.0	0.8	21.0	2.5	690.	2.0	4.0	0.8	8.0	0.5	690.	2.0
1000.	270.9	0.8	>50.0	5.5	921.	2.0	57.8	0.8	29.5	2.5	921.	2.0	10.0	0.8	10.0	1.5	921.	2.0
2500.	522.4	0.3	>50.0	10.5	2301.	2.0	320.1	0.8	>50.0	6.5	2301.	2.0	99.0	0.8	38.0	3.5	2301.	2.0
5000.	671.6	0.3	>50.0	13.5	4603.	2.0	522.4	0.3	>50.0	10.5	4603.	2.0	320.1	0.8	>50.0	6.5	4603.	2.0
15000.	870.6	0.3	>50.0	17.5	13809.	2.0	771.1	0.3	>50.0	15.5	13809.	2.0	621.9	0.3	>50.0	12.5	13809.	2.0
25000.	970.1	0.3	>50.0	19.5	23015.	2.0	870.6	0.3	>50.0	17.5	23015.	2.0	721.4	0.3	>50.0	14.5	23015.	2.0
35000.	1019.9	0.3	>50.0	20.5	32220.	2.0	920.4	0.3	>50.0	18.5	32220.	2.0	771.1	0.3	>50.0	15.5	32220.	2.0
50000.	1069.6	0.3	>50.0	21.5	46029.	2.0	970.1	0.3	>50.0	19.5	46029.	2.0	870.6	0.3	>50.0	17.5	46029.	2.0

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MIXING HEIGHT..... 500.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.3	0.3	0.5	0.5	79.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1.0	0.3	2.0	0.5	198.	0.5	0.5	0.3	1.0	0.5	198.	0.5	0.0	0.0	0.0	0.0	0.	0.0
4.3	0.3	4.5	1.5	396.	0.5	1.0	0.3	2.0	0.5	396.	0.5	0.5	0.3	1.0	0.5	396.	0.5
9.3	0.3	7.5	1.5	594.	0.5	1.8	0.3	3.5	0.5	594.	0.5	0.5	0.3	1.0	0.5	594.	0.5
18.8	0.3	10.5	2.5	793.	0.5	4.3	0.3	4.5	1.5	793.	0.5	1.0	0.3	2.0	0.5	793.	0.5
122.5	0.3	29.0	5.5	1981.	0.5	27.3	0.3	13.5	2.5	1981.	0.5	7.0	0.3	6.0	1.5	1981.	0.5
572.1	0.3	>50.0	11.5	3963.	0.5	122.0	0.3	29.0	5.5	3963.	0.5	27.3	0.3	13.5	2.5	3963.	0.5
1218.9	0.3	>50.0	24.5	11889.	0.5	820.9	0.3	>50.0	16.5	11889.	0.5	284.8	0.3	45.5	8.5	11889.	0.5
1417.9	0.3	>50.0	28.5	19815.	0.5	1119.4	0.3	>50.0	22.5	19815.	0.5	671.6	0.3	>50.0	13.5	19815.	0.5
1567.1	0.3	>50.0	31.5	27741.	0.5	1268.6	0.3	>50.0	25.5	27741.	0.5	920.4	0.3	>50.0	18.5	27741.	0.5

20

MIXING HEIGHT..... 500.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
0.3	0.3	0.5	0.5	85.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.5	0.3	1.0	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.5
1.0	0.3	2.0	0.5	423.	0.5	0.5	0.3	1.0	0.5	423.	0.5	0.3	0.3	0.5	0.5	423.	0.5
2.3	0.3	4.5	0.5	1057.	0.5	1.3	0.3	2.5	0.5	1057.	0.5	0.8	0.3	1.5	0.5	1057.	0.5
8.5	0.3	11.0	1.5	2115.	0.5	2.3	0.3	4.5	0.5	2115.	0.5	1.3	0.3	2.5	0.5	2115.	0.5
19.3	0.3	15.5	1.5	3172.	0.5	4.0	0.3	8.0	0.5	3172.	0.5	1.8	0.3	3.5	0.5	3172.	0.5
39.0	0.3	24.0	2.5	4229.	0.5	7.8	0.3	10.5	1.5	4229.	0.5	2.3	0.3	4.5	0.5	4229.	0.5
273.6	0.3	>50.0	5.5	10574.	0.5	62.3	0.3	30.5	2.5	10574.	0.5	14.8	0.3	13.5	1.5	10574.	0.5
472.6	0.3	>50.0	9.5	21147.	0.5	273.6	0.3	>50.0	5.5	21147.	0.5	62.3	0.3	30.5	2.5	21147.	0.5
721.4	0.3	>50.0	14.5	63441.	0.5	572.1	0.3	>50.0	11.5	63441.	0.5	422.9	0.3	>50.0	8.5	63441.	0.5
820.9	0.3	>50.0	16.5	105735.	0.5	671.6	0.3	>50.0	13.5	105735.	0.5	522.4	0.3	>50.0	10.5	105735.	0.5
870.6	0.3	>50.0	17.5	148029.	0.5	771.1	0.3	>50.0	15.5	148029.	0.5	621.9	0.3	>50.0	12.5	148029.	0.5

21

MIXING HEIGHT..... 500.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.3	0.3	0.5	0.5	72.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1.0	0.3	2.0	0.5	181.	0.5	0.3	0.3	0.5	0.5	181.	0.5	0.0	0.0	0.0	0.0	0.	0.0
4.3	0.3	4.5	1.5	362.	0.5	1.0	0.3	2.0	0.5	362.	0.5	0.3	0.3	0.5	0.5	362.	0.5
9.3	0.3	7.5	1.5	544.	0.5	1.8	0.3	3.5	0.5	544.	0.5	0.5	0.3	1.0	0.5	544.	0.5
18.8	0.3	10.5	2.5	725.	0.5	4.3	0.3	4.5	1.5	725.	0.5	1.0	0.3	2.0	0.5	725.	0.5
122.5	0.3	29.0	5.5	1812.	0.5	27.3	0.3	13.5	2.5	1812.	0.5	7.0	0.3	6.0	1.5	1812.	0.5
572.1	0.3	>50.0	11.5	3625.	0.5	122.0	0.3	29.0	5.5	3625.	0.5	27.3	0.3	13.5	2.5	3625.	0.5
1218.9	0.3	>50.0	24.5	10875.	0.5	820.9	0.3	>50.0	16.5	10875.	0.5	284.8	0.3	45.5	8.5	10875.	0.5
1417.9	0.3	>50.0	28.5	18124.	0.5	1119.4	0.3	>50.0	22.5	18124.	0.5	671.6	0.3	>50.0	13.5	18124.	0.5
1567.1	0.3	>50.0	31.5	25374.	0.5	1268.6	0.3	>50.0	25.5	25374.	0.5	920.4	0.3	>50.0	18.5	25374.	0.5
1666.6	0.3	>50.0	33.5	36249.	0.5	1417.9	0.3	>50.0	28.5	36249.	0.5	1119.4	0.3	>50.0	22.5	36249.	0.5

22

MIXING HEIGHT..... 500.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
100.	0.8	0.3	1.5	0.5	91.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	2.5	0.3	5.0	0.5	226.	1.0	1.0	0.3	2.0	0.5	226.	1.0	0.5	0.3	1.0	0.5	226.	1.0
500.	7.8	0.3	10.5	1.5	453.	1.0	2.5	0.3	5.0	0.5	453.	1.0	1.0	0.3	2.0	0.5	453.	1.0
750.	21.3	0.3	17.5	1.5	679.	1.0	3.8	0.3	7.5	0.5	679.	1.0	1.5	0.3	3.0	0.5	679.	1.0
1000.	41.0	0.3	24.0	2.5	906.	1.0	7.8	0.3	10.5	1.5	906.	1.0	2.5	0.3	5.0	0.5	906.	1.0
2500.	273.6	0.3	>50.0	5.5	2264.	1.0	61.8	0.3	30.5	2.5	2264.	1.0	14.8	0.3	13.5	1.5	2264.	1.0
5000.	472.6	0.3	>50.0	9.5	4528.	1.0	273.6	0.3	>50.0	5.5	4528.	1.0	61.8	0.3	30.5	2.5	4528.	1.0
15000.	721.4	0.3	>50.0	14.5	13584.	1.0	572.1	0.3	>50.0	11.5	13584.	1.0	422.9	0.3	>50.0	8.5	13584.	1.0
25000.	820.9	0.3	>50.0	16.5	22640.	1.0	671.6	0.3	>50.0	13.5	22640.	1.0	522.4	0.3	>50.0	10.5	22640.	1.0
35000.	870.6	0.3	>50.0	17.5	31696.	1.0	771.1	0.3	>50.0	15.5	31696.	1.0	621.9	0.3	>50.0	12.5	31696.	1.0
50000.	920.4	0.3	>50.0	18.5	45280.	1.0	820.9	0.3	>50.0	16.5	45280.	1.0	671.6	0.3	>50.0	13.5	45280.	1.0

23

MIXING HEIGHT..... 500.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
100.	0.3	0.3	0.5	0.5	75.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	1.0	0.3	2.0	0.5	189.	0.5	0.3	0.3	0.5	0.5	189.	0.5	0.0	0.0	0.0	0.0	0.	0.0
500.	4.3	0.3	4.5	1.5	377.	0.5	1.0	0.3	2.0	0.5	377.	0.5	0.3	0.3	0.5	0.5	377.	0.5
750.	9.8	0.3	7.5	1.5	566.	0.5	1.8	0.3	3.5	0.5	566.	0.5	0.8	0.3	1.5	0.5	566.	0.5
1000.	18.8	0.3	10.5	2.5	754.	0.5	4.3	0.3	4.5	1.5	754.	0.5	1.0	0.3	2.0	0.5	754.	0.5
2500.	122.5	0.3	29.0	5.5	1886.	0.5	27.3	0.3	13.5	2.5	1886.	0.5	7.0	0.3	6.0	1.5	1886.	0.5
5000.	572.1	0.3	>50.0	11.5	3771.	0.5	122.0	0.3	29.0	5.5	3771.	0.5	27.3	0.3	13.5	2.5	3771.	0.5
15000.	1218.9	0.3	>50.0	24.5	11313.	0.5	820.9	0.3	>50.0	16.5	11313.	0.5	284.8	0.3	45.5	8.5	11313.	0.5
25000.	1417.9	0.3	>50.0	28.5	18856.	0.5	1119.4	0.3	>50.0	22.5	18856.	0.5	671.6	0.3	>50.0	13.5	18856.	0.5
35000.	1567.1	0.3	>50.0	31.5	26398.	0.5	1268.6	0.3	>50.0	25.5	26398.	0.5	920.4	0.3	>50.0	18.5	26398.	0.5
50000.	1666.6	0.3	>50.0	33.5	37711.	0.5	1417.9	0.3	>50.0	28.5	37711.	0.5	1119.4	0.3	>50.0	22.5	37711.	0.5

24

MIXING HEIGHT..... 500.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	2.0	1.3	4.0	0.5	92.	2.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	7.0	0.8	9.0	1.5	184.	2.0	2.0	1.3	4.0	0.5	184.	2.0	0.0	0.0	0.0	0.0	0.	0.0
750.	21.5	0.8	17.0	1.5	277.	2.0	3.5	0.8	7.0	0.5	277.	2.0	1.0	1.8	2.0	0.5	277.	2.0
1000.	39.3	0.8	23.5	2.5	369.	2.0	7.0	0.8	9.0	1.5	369.	2.0	2.0	1.3	4.0	0.5	369.	2.0
2500.	270.9	0.8	>50.0	5.5	922.	2.0	61.5	0.8	30.0	2.5	922.	2.0	14.5	0.8	14.0	1.5	922.	2.0
5000.	467.9	0.8	>50.0	9.5	1844.	2.0	270.9	0.8	>50.0	5.5	1844.	2.0	61.5	0.8	30.0	2.5	1844.	2.0
15000.	721.4	0.3	>50.0	14.5	5531.	2.0	566.4	0.8	>50.0	11.5	5531.	2.0	418.6	0.8	>50.0	8.5	5531.	2.0
25000.	820.9	0.3	>50.0	16.5	9218.	2.0	671.6	0.3	>50.0	13.5	9218.	2.0	517.1	0.8	>50.0	10.5	9218.	2.0
35000.	870.6	0.3	>50.0	17.5	12905.	2.0	771.1	0.3	>50.0	15.5	12905.	2.0	615.6	0.8	>50.0	12.5	12905.	2.0
50000.	920.4	0.3	>50.0	18.5	18436.	2.0	820.9	0.3	>50.0	16.5	18436.	2.0	671.6	0.3	>50.0	13.5	18436.	2.0

25

MIXING HEIGHT..... 500.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
2 R	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
.	0.5	0.3	1.0	0.5	99.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
.	1.0	0.3	2.0	0.5	198.	0.5	0.5	0.3	1.0	0.5	198.	0.5	0.0	0.0	0.0	0.0	0.	0.0
.	1.8	0.3	3.5	0.5	297.	0.5	0.5	0.3	1.0	0.5	297.	0.5	0.3	0.3	0.5	0.5	297.	0.5
.	4.3	0.3	4.5	1.5	396.	0.5	1.0	0.3	2.0	0.5	396.	0.5	0.5	0.3	1.0	0.5	396.	0.5
.	27.3	0.3	13.5	2.5	991.	0.5	7.0	0.3	6.0	1.5	991.	0.5	1.3	0.3	2.5	0.5	991.	0.5
.	122.5	0.3	29.0	5.5	1981.	0.5	27.3	0.3	13.5	2.5	1981.	0.5	7.0	0.3	6.0	1.5	1981.	0.5
.	820.9	0.3	>50.0	16.5	5944.	0.5	284.8	0.3	45.5	8.5	5944.	0.5	66.5	0.3	21.0	4.5	5944.	0.5
.	1119.4	0.3	>50.0	22.5	9907.	0.5	671.6	0.3	>50.0	13.5	9907.	0.5	191.0	0.3	37.0	6.5	9907.	0.5
.	1268.6	0.3	>50.0	25.5	13870.	0.5	920.4	0.3	>50.0	18.5	13870.	0.5	472.6	0.3	>50.0	9.5	13870.	0.5

26

MIXING HEIGHT..... 500.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
2 R	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
.	0.3	0.3	0.5	0.5	106.	0.5	0.3	0.3	0.5	0.5	106.	0.5	0.0	0.0	0.0	0.0	0.	0.0
.	0.5	0.3	1.0	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.5
.	1.3	0.3	2.5	0.5	529.	0.5	0.8	0.3	1.5	0.5	529.	0.5	0.5	0.3	1.0	0.5	529.	0.5
.	2.3	0.3	4.5	0.5	1057.	0.5	1.3	0.3	2.5	0.5	1057.	0.5	0.8	0.3	1.5	0.5	1057.	0.5
.	4.0	0.3	8.0	0.5	1586.	0.5	1.8	0.3	3.5	0.5	1586.	0.5	1.0	0.3	2.0	0.5	1586.	0.5
.	8.5	0.3	11.0	1.5	2115.	0.5	2.3	0.3	4.5	0.5	2115.	0.5	1.3	0.3	2.5	0.5	2115.	0.5
.	62.5	0.3	31.0	2.5	5287.	0.5	14.8	0.3	13.5	1.5	5287.	0.5	3.0	0.3	6.0	0.5	5287.	0.5
.	273.6	0.3	>50.0	5.5	10574.	0.5	62.3	0.3	30.5	2.5	10574.	0.5	14.8	0.3	13.5	1.5	10574.	0.5
.	572.1	0.3	>50.0	11.5	31721.	0.5	422.9	0.3	>50.0	8.5	31721.	0.5	149.3	0.3	47.5	4.5	31721.	0.5
.	671.6	0.3	>50.0	13.5	52868.	0.5	522.4	0.3	>50.0	10.5	52868.	0.5	323.4	0.3	>50.0	6.5	52868.	0.5
.	771.1	0.3	>50.0	15.5	74015.	0.5	621.9	0.3	>50.0	12.5	74015.	0.5	472.6	0.3	>50.0	9.5	74015.	0.5

27

MIXING HEIGHT..... 500.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
02 HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
.	0.3	0.3	0.5	0.5	91.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
.	1.0	0.3	2.0	0.5	181.	0.5	0.3	0.3	0.5	0.5	181.	0.5	0.0	0.0	0.0	0.0	0.	0.0
.	1.8	0.3	3.5	0.5	272.	0.5	0.5	0.3	1.0	0.5	272.	0.5	0.3	0.3	0.5	0.5	272.	0.5
.	4.3	0.3	4.5	1.5	362.	0.5	1.0	0.3	2.0	0.5	362.	0.5	0.3	0.3	0.5	0.5	362.	0.5
.	27.3	0.3	13.5	2.5	906.	0.5	7.0	0.3	6.0	1.5	906.	0.5	1.3	0.3	2.5	0.5	906.	0.5
.	122.5	0.3	29.0	5.5	1812.	0.5	27.3	0.3	13.5	2.5	1812.	0.5	7.0	0.3	6.0	1.5	1812.	0.5
.	820.9	0.3	>50.0	16.5	5437.	0.5	284.8	0.3	45.5	8.5	5437.	0.5	66.5	0.3	21.0	4.5	5437.	0.5
.	1119.4	0.3	>50.0	22.5	9062.	0.5	671.6	0.3	>50.0	13.5	9062.	0.5	191.0	0.3	37.0	6.5	9062.	0.5
.	1268.6	0.3	>50.0	25.5	12687.	0.5	920.4	0.3	>50.0	18.5	12687.	0.5	472.6	0.3	>50.0	9.5	12687.	0.5
.	1417.9	0.3	>50.0	28.5	18124.	0.5	1119.4	0.3	>50.0	22.5	18124.	0.5	671.6	0.3	>50.0	13.5	18124.	0.5

28

MIXING HEIGHT..... 500.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	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.	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	1.0	0.3	2.0	0.5	113.	1.0	0.5	0.3	1.0	0.5	113.	1.0	0.0	0.0	0.0	0.0	0.	0.0
500.	2.5	0.3	5.0	0.5	226.	1.0	1.0	0.3	2.0	0.5	226.	1.0	0.5	0.3	1.0	0.5	226.	1.0
750.	3.8	0.3	7.5	0.5	340.	1.0	1.5	0.3	3.0	0.5	340.	1.0	0.8	0.3	1.5	0.5	340.	1.0
1000.	7.8	0.3	10.5	1.5	453.	1.0	2.5	0.3	5.0	0.5	453.	1.0	1.0	0.3	2.0	0.5	453.	1.0
2500.	62.0	0.3	31.0	2.5	1132.	1.0	14.5	0.3	13.0	1.5	1132.	1.0	3.0	0.3	6.0	0.5	1132.	1.0
5000.	273.6	0.3	>50.0	5.5	2264.	1.0	61.8	0.3	30.5	2.5	2264.	1.0	14.5	0.3	13.0	1.5	2264.	1.0
15000.	572.1	0.3	>50.0	11.5	6792.	1.0	422.9	0.3	>50.0	8.5	6792.	1.0	149.3	0.3	47.5	4.5	6792.	1.0
25000.	671.6	0.3	>50.0	13.5	11320.	1.0	522.4	0.3	>50.0	10.5	11320.	1.0	323.4	0.3	>50.0	6.5	11320.	1.0
35000.	771.1	0.3	>50.0	15.5	15848.	1.0	621.9	0.3	>50.0	12.5	15848.	1.0	472.6	0.3	>50.0	9.5	15848.	1.0
50000.	820.9	0.3	>50.0	16.5	22640.	1.0	671.6	0.3	>50.0	13.5	22640.	1.0	522.4	0.3	>50.0	10.5	22640.	1.0

29

MIXING HEIGHT..... 500.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	0.3	0.3	0.5	0.5	94.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	1.0	0.3	2.0	0.5	189.	0.5	0.3	0.3	0.5	0.5	189.	0.5	0.0	0.0	0.0	0.0	0.	0.0
750.	1.8	0.3	3.5	0.5	283.	0.5	0.8	0.3	1.5	0.5	283.	0.5	0.3	0.3	0.5	0.5	283.	0.5
1000.	4.3	0.3	4.5	1.5	377.	0.5	1.0	0.3	2.0	0.5	377.	0.5	0.3	0.3	0.5	0.5	377.	0.5
2500.	27.3	0.3	13.5	2.5	943.	0.5	7.0	0.3	6.0	1.5	943.	0.5	1.3	0.3	2.5	0.5	943.	0.5
5000.	122.5	0.3	29.0	5.5	1886.	0.5	27.3	0.3	13.5	2.5	1886.	0.5	7.0	0.3	6.0	1.5	1886.	0.5
15000.	820.9	0.3	>50.0	16.5	5657.	0.5	284.8	0.3	45.5	8.5	5657.	0.5	66.5	0.3	21.0	4.5	5657.	0.5
25000.	1119.4	0.3	>50.0	22.5	9428.	0.5	671.6	0.3	>50.0	13.5	9428.	0.5	191.0	0.3	37.0	6.5	9428.	0.5
35000.	1268.6	0.3	>50.0	25.5	13199.	0.5	920.4	0.3	>50.0	18.5	13199.	0.5	472.6	0.3	>50.0	9.5	13199.	0.5
50000.	1417.9	0.3	>50.0	28.5	18856.	0.5	1119.4	0.3	>50.0	22.5	18856.	0.5	671.6	0.3	>50.0	13.5	18856.	0.5

30

MIXING HEIGHT..... 500.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	2.0	1.3	4.0	0.5	92.	2.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	3.5	0.8	7.0	0.5	138.	2.0	1.0	1.8	2.0	0.5	138.	2.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	7.0	0.8	9.0	1.5	184.	2.0	2.0	1.3	4.0	0.5	184.	2.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	61.8	0.8	30.5	2.5	461.	2.0	14.5	0.8	14.0	1.5	461.	2.0	2.5	1.3	5.0	0.5	461.	2.0
5000.	270.9	0.8	>50.0	5.5	922.	2.0	61.5	0.8	30.0	2.5	922.	2.0	14.5	0.8	14.0	1.5	922.	2.0
15000.	566.4	0.8	>50.0	11.5	2765.	2.0	418.6	0.8	>50.0	8.5	2765.	2.0	149.5	0.8	47.0	4.5	2765.	2.0
25000.	671.6	0.3	>50.0	13.5	4609.	2.0	517.1	0.8	>50.0	10.5	4609.	2.0	320.1	0.8	>50.0	6.5	4609.	2.0
35000.	771.1	0.3	>50.0	15.5	6453.	2.0	615.6	0.8	>50.0	12.5	6453.	2.0	467.9	0.8	>50.0	9.5	6453.	2.0
50000.	820.9	0.3	>50.0	16.5	9218.	2.0	671.6	0.3	>50.0	13.5	9218.	2.0	517.1	0.8	>50.0	10.5	9218.	2.0

31

MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
2	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
R	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
.	0.3	0.3	0.5	0.5	95.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
.	0.5	0.3	1.0	0.5	191.	0.5	0.3	0.3	0.5	0.5	191.	0.5	0.0	0.0	0.0	0.0	0.	0.0
.	2.0	0.3	4.0	0.5	476.	0.5	0.5	0.3	1.0	0.5	476.	0.5	0.3	0.3	0.5	0.5	476.	0.5
.	9.8	0.3	8.5	1.5	953.	0.5	2.0	0.3	4.0	0.5	953.	0.5	0.5	0.3	1.0	0.5	953.	0.5
.	26.5	0.3	13.0	2.5	1429.	0.5	6.0	0.3	6.0	1.5	1429.	0.5	0.8	0.3	1.5	0.5	1429.	0.5
.	50.0	0.3	18.0	3.5	1906.	0.5	9.5	0.3	8.0	1.5	1906.	0.5	2.0	0.3	4.0	0.5	1906.	0.5
.	285.0	0.3	44.0	8.5	4765.	0.5	79.3	0.3	22.5	4.5	4765.	0.5	18.8	0.3	10.5	2.5	4765.	0.5
.	771.1	0.3	>50.0	15.5	9530.	0.5	282.0	0.3	43.0	8.5	9530.	0.5	79.3	0.3	22.5	4.5	9530.	0.5
.	1318.4	0.3	>50.0	26.5	28590.	0.5	1019.9	0.3	>50.0	20.5	28590.	0.5	621.9	0.3	>50.0	12.5	28590.	0.5
.	1517.4	0.3	>50.0	30.5	47650.	0.5	1268.6	0.3	>50.0	25.5	47650.	0.5	920.4	0.3	>50.0	18.5	47650.	0.5
.	1666.6	0.3	>50.0	33.5	66710.	0.5	1417.9	0.3	>50.0	28.5	66710.	0.5	1069.6	0.3	>50.0	21.5	66710.	0.5

32

MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
02	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
0.	0.5	0.3	1.0	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.5
0.	1.3	0.3	2.5	0.5	526.	0.5	0.8	0.3	1.5	0.5	526.	0.5	0.3	0.3	0.5	0.5	526.	0.5
0.	2.0	0.3	4.0	0.5	1053.	0.5	1.3	0.3	2.5	0.5	1053.	0.5	0.8	0.3	1.5	0.5	1053.	0.5
0.	4.3	0.3	8.5	0.5	2631.	0.5	2.5	0.3	5.0	0.5	2631.	0.5	1.5	0.3	3.0	0.5	2631.	0.5
0.	19.0	0.3	15.0	1.5	5263.	0.5	4.3	0.3	8.5	0.5	5263.	0.5	2.5	0.3	5.0	0.5	5263.	0.5
0.	38.8	0.3	21.5	2.5	7894.	0.5	13.5	0.3	12.0	1.5	7894.	0.5	3.3	0.3	6.5	0.5	7894.	0.5
0.	56.3	0.3	27.5	2.5	10526.	0.5	19.0	0.3	15.0	1.5	10526.	0.5	4.3	0.3	8.5	0.5	10526.	0.5
0.	422.9	0.3	>50.0	8.5	26314.	0.5	84.3	0.3	32.5	3.5	26314.	0.5	24.8	0.3	18.5	1.5	26314.	0.5
0.	621.9	0.3	>50.0	12.5	52629.	0.5	422.9	0.3	>50.0	8.5	52629.	0.5	84.3	0.3	32.5	3.5	52629.	0.5
0.	820.9	0.3	>50.0	16.5	157887.	0.5	671.6	0.3	>50.0	13.5	157887.	0.5	522.4	0.3	>50.0	10.5	157887.	0.5
0.	870.6	0.3	>50.0	17.5	263145.	0.5	771.1	0.3	>50.0	15.5	263145.	0.5	671.6	0.3	>50.0	13.5	263145.	0.5
0.	920.4	0.3	>50.0	18.5	368403.	0.5	820.9	0.3	>50.0	16.5	368403.	0.5	721.4	0.3	>50.0	14.5	368403.	0.5

33

MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
02	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.3	0.3	0.5	0.5	81.	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.	0.5	0.3	1.0	0.5	163.	0.5	0.3	0.3	0.5	0.5	163.	0.5	0.0	0.0	0.0	0.0	0.	0.0
0.	2.0	0.3	4.0	0.5	407.	0.5	0.5	0.3	1.0	0.5	407.	0.5	0.3	0.3	0.5	0.5	407.	0.5
0.	9.8	0.3	8.5	1.5	815.	0.5	2.0	0.3	4.0	0.5	815.	0.5	0.5	0.3	1.0	0.5	815.	0.5
0.	26.5	0.3	13.0	2.5	1222.	0.5	6.0	0.3	6.0	1.5	1222.	0.5	0.8	0.3	1.5	0.5	1222.	0.5
0.	50.0	0.3	18.0	3.5	1630.	0.5	9.5	0.3	8.0	1.5	1630.	0.5	2.0	0.3	4.0	0.5	1630.	0.5
0.	285.0	0.3	44.0	8.5	4074.	0.5	79.3	0.3	22.5	4.5	4074.	0.5	18.8	0.3	10.5	2.5	4074.	0.5
0.	771.1	0.3	>50.0	15.5	8148.	0.5	282.0	0.3	43.0	8.5	8148.	0.5	79.3	0.3	22.5	4.5	8148.	0.5
0.	1318.4	0.3	>50.0	26.5	24445.	0.5	1019.9	0.3	>50.0	20.5	24445.	0.5	621.9	0.3	>50.0	12.5	24445.	0.5
0.	1517.4	0.3	>50.0	30.5	40741.	0.5	1268.6	0.3	>50.0	25.5	40741.	0.5	920.4	0.3	>50.0	18.5	40741.	0.5
0.	1666.6	0.3	>50.0	33.5	57038.	0.5	1417.9	0.3	>50.0	28.5	57038.	0.5	1069.6	0.3	>50.0	21.5	57038.	0.5
0.	1766.1	0.3	>50.0	35.5	81482.	0.5	1517.4	0.3	>50.0	30.5	81482.	0.5	1268.6	0.3	>50.0	25.5	81482.	0.5

34

MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	0.0	0.0	0.0	0.	0.0
50.	1.0	0.3	2.0	0.5	113.	0.5	0.3	0.3	0.5	0.5	113.	0.5	0.0	0.0	0.0	0.0	0.	0.0
100.	2.0	0.3	4.0	0.5	226.	0.5	1.0	0.3	2.0	0.5	226.	0.5	0.3	0.3	0.5	0.5	226.	0.5
250.	4.3	0.3	8.5	0.5	566.	0.5	2.3	0.3	4.5	0.5	566.	0.5	1.3	0.3	2.5	0.5	566.	0.5
500.	19.8	0.3	15.5	1.5	1131.	0.5	4.3	0.3	8.5	0.5	1131.	0.5	2.3	0.3	4.5	0.5	1131.	0.5
750.	40.5	0.3	22.0	2.5	1697.	0.5	13.5	0.3	12.0	1.5	1697.	0.5	3.3	0.3	6.5	0.5	1697.	0.5
1000.	58.5	0.3	28.0	2.5	2262.	0.5	19.8	0.3	15.5	1.5	2262.	0.5	4.3	0.3	8.5	0.5	2262.	0.5
2500.	422.9	0.3	>50.0	8.5	5655.	0.5	223.9	0.3	>50.0	4.5	5655.	0.5	25.5	0.3	19.0	2.5	5655.	0.5
5000.	621.9	0.3	>50.0	12.5	11310.	0.5	422.9	0.3	>50.0	8.5	11310.	0.5	223.9	0.3	>50.0	4.5	11310.	0.5
15000.	820.9	0.3	>50.0	16.5	33931.	0.5	671.6	0.3	>50.0	13.5	33931.	0.5	522.4	0.3	>50.0	10.5	33931.	0.5
25000.	870.6	0.3	>50.0	17.5	56552.	0.5	771.1	0.3	>50.0	15.5	56552.	0.5	671.6	0.3	>50.0	13.5	56552.	0.5
35000.	920.4	0.3	>50.0	18.5	79173.	0.5	820.9	0.3	>50.0	16.5	79173.	0.5	721.4	0.3	>50.0	14.5	79173.	0.5
5000C.	970.1	0.3	>50.0	19.5	113104.	0.5	870.6	0.3	>50.0	17.5	113104.	0.5	771.1	0.3	>50.0	15.5	113104.	0.5

35

MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
100.	0.5	0.3	1.0	0.5	103.	0.5	0.3	0.3	0.5	0.5	103.	0.5	0.0	0.0	0.0	0.0	0.	0.0
250.	2.0	0.3	4.0	0.5	257.	0.5	0.5	0.3	1.0	0.5	257.	0.5	0.3	0.3	0.5	0.5	257.	0.5
500.	9.8	0.3	8.5	1.5	513.	0.5	2.0	0.3	4.0	0.5	513.	0.5	0.5	0.3	1.0	0.5	513.	0.5
75C.	26.5	0.3	13.0	2.5	770.	0.5	6.0	0.3	6.0	1.5	770.	0.5	0.8	0.3	1.5	0.5	770.	0.5
1000.	50.0	0.3	18.0	3.5	1026.	0.5	9.5	0.3	8.0	1.5	1026.	0.5	2.0	0.3	4.0	0.5	1026.	0.5
2500.	285.0	0.3	44.0	8.5	2565.	0.5	79.3	0.3	22.5	4.5	2565.	0.5	18.8	0.3	10.5	2.5	2565.	0.5
5000.	771.1	0.3	>50.0	15.5	5131.	0.5	282.0	0.3	43.0	8.5	5131.	0.5	79.3	0.3	22.5	4.5	5131.	0.5
15000.	1318.4	0.3	>50.0	26.5	15393.	0.5	1019.9	0.3	>50.0	20.5	15393.	0.5	621.9	0.3	>50.0	12.5	15393.	0.5
25000.	1517.4	0.3	>50.0	30.5	25654.	0.5	1268.6	0.3	>50.0	25.5	25654.	0.5	920.4	0.3	>50.0	18.5	25654.	0.5
35000.	1666.6	0.3	>50.0	33.5	35916.	0.5	1417.9	0.3	>50.0	28.5	35916.	0.5	1069.6	0.3	>50.0	21.5	35916.	0.5
5000C.	1766.1	0.3	>50.0	35.5	51309.	0.5	1517.4	0.3	>50.0	30.5	51309.	0.5	1268.6	0.3	>50.0	25.5	51309.	0.5

36

MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	4.0	0.8	8.0	0.5	118.	2.0	1.3	1.3	2.5	0.5	118.	2.0	0.0	0.0	0.0	0.0	0.	0.0
500.	20.0	0.8	16.0	1.5	236.	2.0	4.0	0.8	8.0	0.5	236.	2.0	1.3	1.3	2.5	0.5	236.	2.0
750.	42.3	0.8	22.5	2.5	354.	2.0	13.0	0.8	12.0	1.5	354.	2.0	2.8	1.3	5.5	0.5	354.	2.0
1000.	98.0	0.8	41.0	3.5	472.	2.0	20.0	0.8	16.0	1.5	472.	2.0	4.0	0.8	8.0	0.5	472.	2.0
2500.	418.6	0.8	>50.0	8.5	1181.	2.0	221.6	0.8	>50.0	4.5	1181.	2.0	29.0	0.8	19.0	2.5	1181.	2.0
5000.	621.9	0.3	>50.0	12.5	2361.	2.0	418.6	0.8	>50.0	8.5	2361.	2.0	221.6	0.8	>50.0	4.5	2361.	2.0
15000.	820.9	0.3	>50.0	16.5	7084.	2.0	671.6	0.3	>50.0	13.5	7084.	2.0	522.4	0.3	>50.0	10.5	7084.	2.0
25000.	870.6	0.3	>50.0	17.5	11807.	2.0	771.1	0.3	>50.0	15.5	11807.	2.0	671.6	0.3	>50.0	13.5	11807.	2.0
35000.	920.4	0.3	>50.0	18.5	16530.	2.0	820.9	0.3	>50.0	16.5	16530.	2.0	721.4	0.3	>50.0	14.5	16530.	2.0
50000.	970.1	0.3	>50.0	19.5	23615.	2.0	870.6	0.3	>50.0	17.5	23615.	2.0	771.1	0.3	>50.0	15.5	23615.	2.0

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MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

02 HR	ISOPLETH LEVEL=50 MICROGR/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=100 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=200 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
.	2.0	0.3	4.0	0.5	189.	0.5	0.5	0.3	1.0	0.5	189.	0.5	0.0	0.0	0.0	0.0	0.	0.0
.	10.3	0.3	8.5	1.5	378.	0.5	2.0	0.3	4.0	0.5	378.	0.5	0.5	0.3	1.0	0.5	378.	0.5
.	26.5	0.3	13.0	2.5	568.	0.5	6.5	0.3	6.0	1.5	568.	0.5	1.3	0.3	2.5	0.5	568.	0.5
.	50.0	0.3	18.0	3.5	757.	0.5	10.0	0.3	8.0	1.5	757.	0.5	2.0	0.3	4.0	0.5	757.	0.5
.	285.5	0.3	44.0	8.5	1892.	0.5	79.3	0.3	22.5	4.5	1892.	0.5	18.8	0.3	10.5	2.5	1892.	0.5
.	771.1	0.3	>50.0	15.5	3784.	0.5	282.5	0.3	43.0	8.5	3784.	0.5	79.3	0.3	22.5	4.5	3784.	0.5
.	1318.4	0.3	>50.0	26.5	11352.	0.5	1019.9	0.3	>50.0	20.5	11352.	0.5	621.9	0.3	>50.0	12.5	11352.	0.5
.	1517.4	0.3	>50.0	30.5	18920.	0.5	1268.6	0.3	>50.0	25.5	18920.	0.5	920.4	0.3	>50.0	18.5	18920.	0.5
.	1666.6	0.3	>50.0	33.5	26488.	0.5	1417.9	0.3	>50.0	28.5	26488.	0.5	1069.6	0.3	>50.0	21.5	26488.	0.5
.	1766.1	0.3	>50.0	35.5	37840.	0.5	1517.4	0.3	>50.0	30.5	37840.	0.5	1268.6	0.3	>50.0	25.5	37840.	0.5
.	1915.4	0.3	>50.0	38.5	56761.	0.5	1666.6	0.3	>50.0	33.5	56761.	0.5	1417.9	0.3	>50.0	28.5	56761.	0.5
.	2014.9	0.3	>50.0	40.5	75681.	0.5	1766.1	0.3	>50.0	35.5	75681.	0.5	1517.4	0.3	>50.0	30.5	75681.	0.5

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MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

02 HR	ISOPLETH LEVEL=50 MICROGR/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=100 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=200 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
.	3.3	2.3	6.5	0.5	83.	4.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
.	19.5	1.8	15.0	1.5	165.	4.0	3.3	2.3	6.5	0.5	165.	4.0	0.0	0.0	0.0	0.0	0.	0.0
.	56.0	1.3	29.0	2.5	248.	4.0	12.5	1.8	11.0	1.5	248.	4.0	2.3	2.3	4.5	0.5	248.	4.0
.	106.3	1.3	40.5	3.5	330.	4.0	19.5	1.8	15.0	1.5	330.	4.0	3.3	2.3	6.5	0.5	330.	4.0
.	414.4	1.3	>50.0	8.5	826.	4.0	219.4	1.3	>50.0	4.5	826.	4.0	29.8	1.3	18.5	2.5	826.	4.0
.	615.6	0.8	>50.0	12.5	1652.	4.0	414.4	1.3	>50.0	8.5	1652.	4.0	219.4	1.3	>50.0	4.5	1652.	4.0
.	812.6	0.8	>50.0	16.5	4956.	4.0	664.9	0.8	>50.0	13.5	4956.	4.0	517.1	0.8	>50.0	10.5	4956.	4.0
.	861.9	0.8	>50.0	17.5	8261.	4.0	763.4	0.8	>50.0	15.5	8261.	4.0	664.9	0.8	>50.0	13.5	8261.	4.0
.	911.1	0.8	>50.0	18.5	11565.	4.0	812.6	0.8	>50.0	16.5	11565.	4.0	714.1	0.8	>50.0	14.5	11565.	4.0
.	960.4	0.8	>50.0	19.5	16521.	4.0	861.9	0.8	>50.0	17.5	16521.	4.0	763.4	0.8	>50.0	15.5	16521.	4.0
.	1058.9	0.8	>50.0	21.5	24782.	4.0	960.4	0.8	>50.0	19.5	24782.	4.0	861.9	0.8	>50.0	17.5	24782.	4.0
.	1058.9	0.8	>50.0	21.5	33042.	4.0	960.4	0.8	>50.0	19.5	33042.	4.0	861.9	0.8	>50.0	17.5	33042.	4.0

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MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

02 HR	ISOPLETH LEVEL=50 MICROGR/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=100 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=200 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
.	0.3	0.3	0.5	0.5	76.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
.	0.5	0.3	1.0	0.5	189.	0.5	0.3	0.3	0.5	0.5	189.	0.5	0.0	0.0	0.0	0.0	0.	0.0
.	1.5	0.3	3.0	0.5	378.	0.5	0.5	0.3	1.0	0.5	378.	0.5	0.3	0.3	0.5	0.5	378.	0.5
.	3.8	0.3	4.5	1.5	568.	0.5	0.8	0.3	1.5	0.5	568.	0.5	0.3	0.3	0.5	0.5	568.	0.5
.	7.8	0.3	6.5	1.5	757.	0.5	1.5	0.3	3.0	0.5	757.	0.5	0.5	0.3	1.0	0.5	757.	0.5
.	51.3	0.3	18.5	3.5	1892.	0.5	11.3	0.3	8.5	1.5	1892.	0.5	2.0	0.3	4.0	0.5	1892.	0.5
.	225.5	0.3	40.0	7.5	3784.	0.5	50.8	0.3	18.5	3.5	3784.	0.5	11.3	0.3	8.5	1.5	3784.	0.5
.	1019.9	0.3	>50.0	20.5	11351.	0.5	572.1	0.3	>50.0	11.5	11351.	0.5	122.0	0.3	29.0	5.5	11351.	0.5
.	1268.6	0.3	>50.0	25.5	18918.	0.5	870.6	0.3	>50.0	17.5	18918.	0.5	472.6	0.3	>50.0	9.5	18918.	0.5
.	1417.9	0.3	>50.0	28.5	26486.	0.5	1069.6	0.3	>50.0	21.5	26486.	0.5	621.9	0.3	>50.0	12.5	26486.	0.5

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MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

QSC2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
20.	0.3	0.3	0.5	0.5	85.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
50.	0.5	0.3	1.0	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.5
100.	1.0	0.3	2.0	0.5	423.	0.5	0.5	0.3	1.0	0.5	423.	0.5	0.3	0.3	0.5	0.5	423.	0.5
250.	2.0	0.3	4.0	0.5	1057.	0.5	1.3	0.3	2.5	0.5	1057.	0.5	0.8	0.3	1.5	0.5	1057.	0.5
500.	3.3	0.3	6.5	0.5	2115.	0.5	2.0	0.3	4.0	0.5	2115.	0.5	1.3	0.3	2.5	0.5	2115.	0.5
750.	8.5	0.3	9.0	1.5	3172.	0.5	2.8	0.3	5.5	0.5	3172.	0.5	1.5	0.3	3.0	0.5	3172.	0.5
1000.	17.8	0.3	15.5	1.5	4229.	0.5	3.3	0.3	6.5	0.5	4229.	0.5	2.0	0.3	4.0	0.5	4229.	0.5
2500.	111.0	0.3	42.0	3.5	10574.	0.5	25.0	0.3	19.0	1.5	10574.	0.5	4.0	0.3	8.0	0.5	10574.	0.5
5000.	373.1	0.3	>50.0	7.5	21147.	0.5	110.0	0.3	42.0	3.5	21147.	0.5	25.0	0.3	19.0	1.5	21147.	0.5
15000.	671.6	0.3	>50.0	13.5	63441.	0.5	472.6	0.3	>50.0	9.5	63441.	0.5	273.6	0.3	>50.0	5.5	63441.	0.5
25000.	721.4	0.3	>50.0	14.5	105735.	0.5	621.9	0.3	>50.0	12.5	105735.	0.5	422.9	0.3	>50.0	8.5	105735.	0.5
35000.	820.9	0.3	>50.0	16.5	148029.	0.5	671.6	0.3	>50.0	13.5	148029.	0.5	522.4	0.3	>50.0	10.5	148029.	0.5

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MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
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	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
100.	0.3	0.3	0.5	0.5	65.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	0.5	0.3	1.0	0.5	163.	0.5	0.3	0.3	0.5	0.5	163.	0.5	0.0	0.0	0.0	0.0	0.	0.0
500.	1.5	0.3	3.0	0.5	326.	0.5	0.5	0.3	1.0	0.5	326.	0.5	0.3	0.3	0.5	0.5	326.	0.5
750.	3.8	0.3	4.5	1.5	490.	0.5	0.8	0.3	1.5	0.5	490.	0.5	0.3	0.3	0.5	0.5	490.	0.5
1000.	7.8	0.3	6.5	1.5	653.	0.5	1.5	0.3	3.0	0.5	653.	0.5	0.5	0.3	1.0	0.5	653.	0.5
2500.	51.3	0.3	16.5	3.5	1632.	0.5	11.3	0.3	8.5	1.5	1632.	0.5	2.0	0.3	4.0	0.5	1632.	0.5
5000.	225.5	0.3	40.0	7.5	3265.	0.5	50.8	0.3	18.5	3.5	3265.	0.5	11.3	0.3	8.5	1.5	3265.	0.5
15000.	1019.9	0.3	>50.0	20.5	9795.	0.5	572.1	0.3	>50.0	11.5	9795.	0.5	122.0	0.3	29.0	5.5	9795.	0.5
25000.	1268.6	0.3	>50.0	25.5	16325.	0.5	870.6	0.3	>50.0	17.5	16325.	0.5	472.6	0.3	>50.0	9.5	16325.	0.5
35000.	1417.9	0.3	>50.0	28.5	22855.	0.5	1069.6	0.3	>50.0	21.5	22855.	0.5	621.9	0.3	>50.0	12.5	22855.	0.5
50000.	1517.4	0.3	>50.0	30.5	32650.	0.5	1268.6	0.3	>50.0	25.5	32650.	0.5	870.6	0.3	>50.0	17.5	32650.	0.5

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MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
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	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
100.	0.8	0.3	1.5	0.5	90.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	1.8	0.3	3.5	0.5	226.	1.0	1.0	0.3	2.0	0.5	226.	1.0	0.5	0.3	1.0	0.5	226.	1.0
500.	3.3	0.3	6.5	0.5	452.	1.0	1.8	0.3	3.5	0.5	452.	1.0	1.0	0.3	2.0	0.5	452.	1.0
750.	8.3	0.3	10.5	1.5	678.	1.0	2.5	0.3	5.0	0.5	678.	1.0	1.5	0.3	3.0	0.5	678.	1.0
1000.	16.5	0.3	14.0	1.5	904.	1.0	3.3	0.3	6.5	0.5	904.	1.0	1.8	0.3	3.5	0.5	904.	1.0
2500.	113.5	0.3	42.0	3.5	2261.	1.0	25.0	0.3	19.0	1.5	2261.	1.0	4.0	0.3	8.0	0.5	2261.	1.0
5000.	373.1	0.3	>50.0	7.5	4521.	1.0	113.0	0.3	42.0	3.5	4521.	1.0	25.0	0.3	19.0	1.5	4521.	1.0
15000.	671.6	0.3	>50.0	13.5	13564.	1.0	472.6	0.3	>50.0	9.5	13564.	1.0	273.6	0.3	>50.0	5.5	13564.	1.0
25000.	721.4	0.3	>50.0	14.5	22607.	1.0	621.9	0.3	>50.0	12.5	22607.	1.0	422.9	0.3	>50.0	8.5	22607.	1.0
35000.	820.9	0.3	>50.0	16.5	31650.	1.0	671.6	0.3	>50.0	13.5	31650.	1.0	522.4	0.3	>50.0	10.5	31650.	1.0
50000.	870.6	0.3	>50.0	17.5	45214.	1.0	721.4	0.3	>50.0	14.5	45214.	1.0	621.9	0.3	>50.0	12.5	45214.	1.0

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MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

SO2 /HR	ISOPLETH LEVEL=50 MICROGR/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=100 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=200 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
00.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
50.	0.5	0.3	1.0	0.5	100.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
00.	1.5	0.3	3.0	0.5	199.	0.5	0.5	0.3	1.0	0.5	199.	0.5	0.0	0.0	0.0	0.0	0.	0.0
50.	3.8	0.3	4.5	1.5	299.	0.5	0.8	0.3	1.5	0.5	299.	0.5	0.5	0.3	1.0	0.5	299.	0.5
00.	7.8	0.3	6.5	1.5	398.	0.5	1.5	0.3	3.0	0.5	398.	0.5	0.5	0.3	1.0	0.5	398.	0.5
00.	51.3	0.3	18.5	3.5	996.	0.5	11.3	0.3	8.5	1.5	996.	0.5	2.0	0.3	4.0	0.5	996.	0.5
00.	225.5	0.3	40.0	7.5	1991.	0.5	50.8	0.3	18.5	3.5	1991.	0.5	11.3	0.3	8.5	1.5	1991.	0.5
00.	1019.9	0.3	>50.0	20.5	5974.	0.5	572.1	0.3	>50.0	11.5	5974.	0.5	122.0	0.3	29.0	5.5	5974.	0.5
00.	1268.6	0.3	>50.0	25.5	9957.	0.5	870.6	0.3	>50.0	17.5	9957.	0.5	472.6	0.3	>50.0	9.5	9957.	0.5
00.	1417.9	0.3	>50.0	28.5	13939.	0.5	1069.6	0.3	>50.0	21.5	13939.	0.5	621.9	0.3	>50.0	12.5	13939.	0.5
00.	1517.4	0.3	>50.0	30.5	19913.	0.5	1268.6	0.3	>50.0	25.5	19913.	0.5	870.6	0.3	>50.0	17.5	19913.	0.5

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MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

SO2 /HR	ISOPLETH LEVEL=50 MICROGR/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=100 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=200 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
00.	0.0	0.0	0.0	0.0	0.	0.0	0.0	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
00.	3.3	0.8	6.5	0.5	93.	2.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
50.	7.8	0.8	10.5	1.5	140.	2.0	1.5	1.3	3.0	0.5	140.	2.0	0.0	0.0	0.0	0.0	0.	0.0
00.	16.0	0.8	14.0	1.5	187.	2.0	3.3	0.8	6.5	0.5	187.	2.0	0.0	0.0	0.0	0.0	0.	0.0
00.	114.3	0.8	41.5	3.5	466.	2.0	21.5	0.8	17.0	1.5	466.	2.0	4.3	0.8	8.5	0.5	466.	2.0
00.	369.4	0.8	>50.0	7.5	933.	2.0	113.8	0.8	41.5	3.5	933.	2.0	21.5	0.8	17.0	1.5	933.	2.0
00.	671.6	0.3	>50.0	13.5	2798.	2.0	467.9	0.8	>50.0	9.5	2798.	2.0	270.9	0.8	>50.0	5.5	2798.	2.0
00.	721.4	0.3	>50.0	14.5	4663.	2.0	615.6	0.8	>50.0	12.5	4663.	2.0	418.6	0.8	>50.0	8.5	4663.	2.0
00.	820.9	0.3	>50.0	16.5	6528.	2.0	671.6	0.3	>50.0	13.5	6528.	2.0	517.1	0.8	>50.0	10.5	6528.	2.0
00.	870.6	0.3	>50.0	17.5	9326.	2.0	721.4	0.3	>50.0	14.5	9326.	2.0	615.6	0.8	>50.0	12.5	9326.	2.0

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MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

SO2 /HR	ISOPLETH LEVEL=50 MICROGR/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=100 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=200 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
50.	0.5	0.3	1.0	0.5	69.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
00.	1.5	0.3	3.0	0.5	138.	1.0	0.5	0.3	1.0	0.5	138.	1.0	0.0	0.0	0.0	0.0	0.	0.0
50.	4.3	0.3	4.5	1.5	207.	1.0	1.0	0.3	2.0	0.5	207.	1.0	0.3	0.8	0.5	0.5	207.	1.0
00.	7.8	0.3	6.5	1.5	276.	1.0	1.5	0.3	3.0	0.5	276.	1.0	0.5	0.3	1.0	0.5	276.	1.0
00.	51.3	0.3	18.5	3.5	690.	1.0	11.3	0.3	8.5	1.5	690.	1.0	2.0	0.3	4.0	0.5	690.	1.0
00.	225.5	0.3	40.0	7.5	1381.	1.0	50.8	0.3	18.5	3.5	1381.	1.0	11.3	0.3	8.5	1.5	1381.	1.0
00.	1019.9	0.3	>50.0	20.5	4143.	1.0	572.1	0.3	>50.0	11.5	4143.	1.0	122.0	0.3	29.0	5.5	4143.	1.0
00.	1268.6	0.3	>50.0	25.5	6905.	1.0	870.6	0.3	>50.0	17.5	6905.	1.0	472.6	0.3	>50.0	9.5	6905.	1.0
00.	1417.9	0.3	>50.0	28.5	9666.	1.0	1069.6	0.3	>50.0	21.5	9666.	1.0	621.9	0.3	>50.0	12.5	9666.	1.0
00.	1517.4	0.3	>50.0	30.5	13809.	1.0	1268.6	0.3	>50.0	25.5	13809.	1.0	870.6	0.3	>50.0	17.5	13809.	1.0
00.	1666.6	0.3	>50.0	33.5	20714.	1.0	1417.9	0.3	>50.0	28.5	20714.	1.0	1119.4	0.3	>50.0	22.5	20714.	1.0
00.	1766.1	0.3	>50.0	35.5	27618.	1.0	1517.4	0.3	>50.0	30.5	27618.	1.0	1268.6	0.3	>50.0	25.5	27618.	1.0

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MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	1.8	3.8	3.5	0.5	66.	4.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	7.0	2.3	9.0	1.5	99.	4.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	15.5	1.8	13.0	1.5	132.	4.0	1.8	3.8	3.5	0.5	132.	4.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	113.5	1.3	41.0	3.5	331.	4.0	21.0	1.8	16.0	1.5	331.	4.0	3.5	2.3	7.0	0.5	331.	4.0
5000.	365.6	1.3	>50.0	7.5	662.	4.0	113.0	1.3	41.0	3.5	662.	4.0	21.0	1.8	16.0	1.5	662.	4.0
15000.	664.9	0.8	>50.0	13.5	1985.	4.0	463.1	1.3	>50.0	9.5	1985.	4.0	268.1	1.3	>50.0	5.5	1985.	4.0
25000.	714.1	0.8	>50.0	14.5	3308.	4.0	609.4	1.3	>50.0	12.5	3308.	4.0	414.4	1.3	>50.0	8.5	3308.	4.0
35000.	812.6	0.8	>50.0	16.5	4632.	4.0	664.9	0.8	>50.0	13.5	4632.	4.0	511.9	1.3	>50.0	10.5	4632.	4.0
50000.	861.9	0.8	>50.0	17.5	6616.	4.0	714.1	0.8	>50.0	14.5	6616.	4.0	609.4	1.3	>50.0	12.5	6616.	4.0
75000.	911.1	0.8	>50.0	18.5	9925.	4.0	812.6	0.8	>50.0	16.5	9925.	4.0	664.9	0.8	>50.0	13.5	9925.	4.0
100000.	960.4	0.8	>50.0	19.5	13233.	4.0	861.9	0.8	>50.0	17.5	13233.	4.0	714.1	0.8	>50.0	14.5	13233.	4.0

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MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
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	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.	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	0.3	0.3	0.5	0.5	95.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.5	0.3	1.0	0.5	189.	0.5	0.3	0.3	0.5	0.5	189.	0.5	0.0	0.0	0.0	0.0	0.	0.0
750.	0.8	0.3	1.5	0.5	284.	0.5	0.3	0.3	0.5	0.5	284.	0.5	0.3	0.3	0.5	0.5	284.	0.5
1000.	1.5	0.3	3.0	0.5	378.	0.5	0.5	0.3	1.0	0.5	378.	0.5	0.3	0.3	0.5	0.5	378.	0.5
2500.	11.3	0.3	8.5	1.5	946.	0.5	2.0	0.3	4.0	0.5	946.	0.5	0.8	0.3	1.5	0.5	946.	0.5
5000.	51.3	0.3	18.5	3.5	1892.	0.5	11.3	0.3	8.5	1.5	1892.	0.5	2.0	0.3	4.0	0.5	1892.	0.5
15000.	572.1	0.3	>50.0	11.5	5675.	0.5	122.0	0.3	29.0	5.5	5675.	0.5	27.3	0.3	13.5	2.5	5675.	0.5
25000.	870.6	0.3	>50.0	17.5	9459.	0.5	472.6	0.3	>50.0	9.5	9459.	0.5	81.8	0.3	23.5	4.5	9459.	0.5
35000.	1069.6	0.3	>50.0	21.5	13243.	0.5	621.9	0.3	>50.0	12.5	13243.	0.5	168.3	0.3	34.5	6.5	13243.	0.5

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MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
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	0.0	0.0	0.0	0.	0.0
50.	0.3	0.3	0.5	0.5	106.	0.5	0.3	0.3	0.5	0.5	106.	0.5	0.0	0.0	0.0	0.0	0.	0.0
100.	0.5	0.3	1.0	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.5
250.	1.3	0.3	2.5	0.5	529.	0.5	0.8	0.3	1.5	0.5	529.	0.5	0.5	0.3	1.0	0.5	529.	0.5
500.	2.0	0.3	4.0	0.5	1057.	0.5	1.3	0.3	2.5	0.5	1057.	0.5	0.8	0.3	1.5	0.5	1057.	0.5
750.	2.8	0.3	5.5	0.5	1586.	0.5	1.5	0.3	3.0	0.5	1586.	0.5	1.0	0.3	2.0	0.5	1586.	0.5
1000.	3.3	0.3	6.5	0.5	2115.	0.5	2.0	0.3	4.0	0.5	2115.	0.5	1.3	0.3	2.5	0.5	2115.	0.5
2500.	25.0	0.3	19.0	1.5	5287.	0.5	4.0	0.3	8.0	0.5	5287.	0.5	2.3	0.3	4.5	0.5	5287.	0.5
5000.	111.0	0.3	42.0	3.5	10574.	0.5	25.0	0.3	19.0	1.5	10574.	0.5	4.0	0.3	8.0	0.5	10574.	0.5
15000.	472.6	0.3	>50.0	9.5	31721.	0.5	273.6	0.3	>50.0	5.5	31721.	0.5	56.3	0.3	28.5	2.5	31721.	0.5
25000.	621.9	0.3	>50.0	12.5	52868.	0.5	422.9	0.3	>50.0	8.5	52868.	0.5	223.9	0.3	>50.0	4.5	52868.	0.5
35000.	671.6	0.3	>50.0	13.5	74015.	0.5	522.4	0.3	>50.0	10.5	74015.	0.5	323.4	0.3	>50.0	6.5	74015.	0.5

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MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

SO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
00.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
50.	0.3	0.3	0.5	0.5	82.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
00.	0.5	0.3	1.0	0.5	163.	0.5	0.3	0.3	0.5	0.5	163.	0.5	0.0	0.0	0.0	0.0	0.	0.0
50.	0.8	0.3	1.5	0.5	245.	0.5	0.3	0.3	0.5	0.5	245.	0.5	0.3	0.3	0.5	0.5	245.	0.5
00.	1.5	0.3	3.0	0.5	326.	0.5	0.5	0.3	1.0	0.5	326.	0.5	0.3	0.3	0.5	0.5	326.	0.5
00.	11.3	0.3	8.5	1.5	816.	0.5	2.0	0.3	4.0	0.5	816.	0.5	0.8	0.3	1.5	0.5	816.	0.5
00.	51.3	0.3	18.5	3.5	1632.	0.5	11.3	0.3	8.5	1.5	1632.	0.5	2.0	0.3	4.0	0.5	1632.	0.5
00.	572.1	0.3	>50.0	11.5	4897.	0.5	122.0	0.3	29.0	5.5	4897.	0.5	27.3	0.3	13.5	2.5	4897.	0.5
00.	870.6	0.3	>50.0	17.5	8162.	0.5	472.6	0.3	>50.0	9.5	8162.	0.5	81.8	0.3	23.5	4.5	8162.	0.5
00.	1069.6	0.3	>50.0	21.5	11427.	0.5	621.9	0.3	>50.0	12.5	11427.	0.5	168.3	0.3	34.5	6.5	11427.	0.5
00.	1268.6	0.3	>50.0	25.5	16325.	0.5	870.6	0.3	>50.0	17.5	16325.	0.5	472.6	0.3	>50.0	9.5	16325.	0.5

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MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

SO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
00.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
50.	1.0	0.3	2.0	0.5	113.	1.0	0.5	0.3	1.0	0.5	113.	1.0	0.0	0.0	0.0	0.0	0.	0.0
00.	1.8	0.3	3.5	0.5	226.	1.0	1.0	0.3	2.0	0.5	226.	1.0	0.5	0.3	1.0	0.5	226.	1.0
50.	2.5	0.3	5.0	0.5	339.	1.0	1.5	0.3	3.0	0.5	339.	1.0	0.8	0.3	1.5	0.5	339.	1.0
00.	3.3	0.3	6.5	0.5	452.	1.0	1.8	0.3	3.5	0.5	452.	1.0	1.0	0.3	2.0	0.5	452.	1.0
00.	25.0	0.3	19.0	1.5	1130.	1.0	4.0	0.3	8.0	0.5	1130.	1.0	2.3	0.3	4.5	0.5	1130.	1.0
00.	113.5	0.3	42.0	3.5	2261.	1.0	25.0	0.3	19.0	1.5	2261.	1.0	4.0	0.3	8.0	0.5	2261.	1.0
00.	472.6	0.3	>50.0	9.5	6782.	1.0	273.6	0.3	>50.0	5.5	6782.	1.0	56.3	0.3	28.5	2.5	6782.	1.0
00.	621.9	0.3	>50.0	12.5	11304.	1.0	422.9	0.3	>50.0	8.5	11304.	1.0	223.9	0.3	>50.0	4.5	11304.	1.0
00.	671.6	0.3	>50.0	13.5	15825.	1.0	522.4	0.3	>50.0	10.5	15825.	1.0	323.4	0.3	>50.0	6.5	15825.	1.0
00.	721.4	0.3	>50.0	14.5	22607.	1.0	621.9	0.3	>50.0	12.5	22607.	1.0	422.9	0.3	>50.0	8.5	22607.	1.0

51

MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

SO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
00.	0.0	0.0	0.0	0.0	0.	0.0	0.0	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
00.	0.5	0.3	1.0	0.5	100.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
50.	0.8	0.3	1.5	0.5	149.	0.5	0.5	0.3	1.0	0.5	149.	0.5	0.0	0.0	0.0	0.0	0.	0.0
00.	1.5	0.3	3.0	0.5	199.	0.5	0.5	0.3	1.0	0.5	199.	0.5	0.0	0.0	0.0	0.0	0.	0.0
00.	11.3	0.3	8.5	1.5	498.	0.5	2.0	0.3	4.0	0.5	498.	0.5	0.8	0.3	1.5	0.5	498.	0.5
00.	51.3	0.3	18.5	3.5	996.	0.5	11.3	0.3	8.5	1.5	996.	0.5	2.0	0.3	4.0	0.5	996.	0.5
00.	572.1	0.3	>50.0	11.5	2987.	0.5	122.0	0.3	29.0	5.5	2987.	0.5	27.3	0.3	13.5	2.5	2987.	0.5
00.	870.6	0.3	>50.0	17.5	4978.	0.5	472.6	0.3	>50.0	9.5	4978.	0.5	82.3	0.3	23.5	4.5	4978.	0.5
00.	1069.6	0.3	>50.0	21.5	6970.	0.5	621.9	0.3	>50.0	12.5	6970.	0.5	168.3	0.3	34.5	6.5	6970.	0.5
00.	1268.6	0.3	>50.0	25.5	9957.	0.5	870.6	0.3	>50.0	17.5	9957.	0.5	472.6	0.3	>50.0	9.5	9957.	0.5

52

MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	1.5	1.3	3.0	0.5	70.	2.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	3.3	0.8	6.5	0.5	93.	2.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	21.5	0.8	17.0	1.5	233.	2.0	4.3	0.8	8.5	0.5	233.	2.0	1.0	1.3	2.0	0.5	233.	2.0
5000.	114.3	0.8	41.5	3.5	466.	2.0	21.5	0.8	17.0	1.5	466.	2.0	4.3	0.8	8.5	0.5	466.	2.0
15000.	467.9	0.8	>50.0	9.5	1399.	2.0	270.9	0.8	>50.0	5.5	1399.	2.0	59.5	0.8	30.0	2.5	1399.	2.0
25000.	615.6	0.8	>50.0	12.5	2331.	2.0	418.6	0.8	>50.0	8.5	2331.	2.0	221.6	0.8	>50.0	4.5	2331.	2.0
35000.	671.6	0.3	>50.0	13.5	3264.	2.0	517.1	0.8	>50.0	10.5	3264.	2.0	320.1	0.8	>50.0	6.5	3264.	2.0
50000.	721.4	0.3	>50.0	14.5	4663.	2.0	615.6	0.8	>50.0	12.5	4663.	2.0	418.6	0.8	>50.0	8.5	4663.	2.0

53

MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.5	0.3	1.0	0.5	69.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	1.0	0.3	2.0	0.5	104.	1.0	0.3	0.8	0.5	0.5	104.	1.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	1.5	0.3	3.0	0.5	138.	1.0	0.5	0.3	1.0	0.5	138.	1.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	11.3	0.3	8.5	1.5	345.	1.0	2.0	0.3	4.0	0.5	345.	1.0	0.8	0.3	1.5	0.5	345.	1.0
5000.	51.3	0.3	18.5	3.5	690.	1.0	11.3	0.3	8.5	1.5	690.	1.0	2.0	0.3	4.0	0.5	690.	1.0
15000.	572.1	0.3	>50.0	11.5	2071.	1.0	122.0	0.3	29.0	5.5	2071.	1.0	27.3	0.3	13.5	2.5	2071.	1.0
25000.	870.6	0.3	>50.0	17.5	3452.	1.0	472.6	0.3	>50.0	9.5	3452.	1.0	82.3	0.3	23.5	4.5	3452.	1.0
35000.	1069.6	0.3	>50.0	21.5	4833.	1.0	621.9	0.3	>50.0	12.5	4833.	1.0	168.3	0.3	34.5	6.5	4833.	1.0
50000.	1268.6	0.3	>50.0	25.5	6905.	1.0	870.6	0.3	>50.0	17.5	6905.	1.0	472.6	0.3	>50.0	9.5	6905.	1.0
75000.	1417.9	0.3	>50.0	28.5	10357.	1.0	1119.4	0.3	>50.0	22.5	10357.	1.0	671.6	0.3	>50.0	13.5	10357.	1.0
100000.	1517.4	0.3	>50.0	30.5	13809.	1.0	1268.6	0.3	>50.0	25.5	13809.	1.0	870.6	0.3	>50.0	17.5	13809.	1.0

54

MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	1.8	3.8	3.5	0.5	66.	4.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	21.0	1.8	16.0	1.5	165.	4.0	3.5	2.3	7.0	0.5	165.	4.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	113.5	1.3	41.0	3.5	331.	4.0	21.0	1.8	16.0	1.5	331.	4.0	3.5	2.3	7.0	0.5	331.	4.0
15000.	463.1	1.3	>50.0	9.5	992.	4.0	268.1	1.3	>50.0	5.5	992.	4.0	59.3	1.3	29.5	2.5	992.	4.0
25000.	609.4	1.3	>50.0	12.5	1654.	4.0	414.4	1.3	>50.0	8.5	1654.	4.0	219.4	1.3	>50.0	4.5	1654.	4.0
35000.	664.9	0.8	>50.0	13.5	2316.	4.0	511.9	1.3	>50.0	10.5	2316.	4.0	316.9	1.3	>50.0	6.5	2316.	4.0
50000.	714.1	0.8	>50.0	14.5	3308.	4.0	609.4	1.3	>50.0	12.5	3308.	4.0	414.4	1.3	>50.0	8.5	3308.	4.0
75000.	812.6	0.8	>50.0	16.5	4962.	4.0	664.9	0.8	>50.0	13.5	4962.	4.0	511.9	1.3	>50.0	10.5	4962.	4.0
100000.	861.9	0.8	>50.0	17.5	6616.	4.0	714.1	0.8	>50.0	14.5	6616.	4.0	609.4	1.3	>50.0	12.5	6616.	4.0

55

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

SO2 /HR	ISOPLETH LEVEL=50 MICROGR/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=100 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=200 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	0.0	0.0	0.0	0.	0.0
50.	0.3	0.3	0.5	0.5	94.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0C.	0.5	0.3	1.0	0.5	188.	0.5	0.3	0.3	0.5	0.5	188.	0.5	0.0	0.0	0.0	0.0	0.	0.0
50.	0.8	0.3	1.5	0.5	471.	0.5	0.5	0.3	1.0	0.5	471.	0.5	0.3	0.3	0.5	0.5	471.	0.5
00.	1.3	0.3	2.5	0.5	942.	0.5	0.8	0.3	1.5	0.5	942.	0.5	0.5	0.3	1.0	0.5	942.	0.5
50.	14.8	0.3	9.5	2.5	1413.	0.5	1.3	0.3	2.5	0.5	1413.	0.5	0.8	0.3	1.5	0.5	1413.	0.5
00.	26.5	0.3	13.0	2.5	1884.	0.5	1.3	0.3	2.5	0.5	1884.	0.5	0.8	0.3	1.5	0.5	1884.	0.5
00.	169.0	0.3	34.0	6.5	4709.	0.5	43.8	0.3	16.5	3.5	4709.	0.5	8.3	0.3	7.5	1.5	4709.	0.5
00.	621.9	0.3	>50.0	12.5	9418.	0.5	168.0	0.3	33.0	6.5	9418.	0.5	43.8	0.3	16.5	3.5	9418.	0.5
0C.	1218.9	0.3	>50.0	24.5	28255.	0.5	820.9	0.3	>50.0	16.5	28255.	0.5	348.8	0.3	48.5	9.5	28255.	0.5
00.	1417.9	0.3	>50.0	28.5	47091.	0.5	1119.4	0.3	>50.0	22.5	47091.	0.5	721.4	0.3	>50.0	14.5	47091.	0.5
00.	1567.1	0.3	>50.0	31.5	65927.	0.5	1268.6	0.3	>50.0	25.5	65927.	0.5	920.4	0.3	>50.0	18.5	65927.	0.5

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MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

SO2 /HR	ISOPLETH LEVEL=50 MICROGR/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=100 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=200 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
20.	0.5	0.3	1.0	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.5
50.	1.3	0.3	2.5	0.5	526.	0.5	0.8	0.3	1.5	0.5	526.	0.5	0.3	0.3	0.5	0.5	526.	0.5
00.	2.0	0.2	4.0	0.5	1053.	0.5	1.3	0.3	2.5	0.5	1053.	0.5	0.8	0.3	1.5	0.5	1053.	0.5
50.	3.8	0.3	7.5	0.5	2631.	0.5	2.3	0.3	4.5	0.5	2631.	0.5	1.5	0.3	3.0	0.5	2631.	0.5
00.	16.0	0.2	13.0	1.5	5263.	0.5	3.8	0.3	7.5	0.5	5263.	0.5	2.3	0.3	4.5	0.5	5263.	0.5
5C.	25.5	0.3	19.0	2.5	7894.	0.5	11.3	0.3	10.5	1.5	7894.	0.5	3.0	0.3	6.0	0.5	7894.	0.5
00.	47.0	0.3	24.0	2.5	10526.	0.5	16.0	0.3	13.0	1.5	10526.	0.5	3.8	0.3	7.5	0.5	10526.	0.5
00.	273.6	0.3	>50.0	5.5	26314.	0.5	61.8	0.3	29.5	2.5	26314.	0.5	20.5	0.3	16.0	1.5	26314.	0.5
00.	422.9	0.3	>50.0	8.5	52629.	0.5	273.6	0.3	>50.0	5.5	52629.	0.5	61.8	0.3	29.5	2.5	52629.	0.5
00.	671.6	0.3	>50.0	13.5	157887.	0.5	522.4	0.3	>50.0	10.5	157887.	0.5	373.1	0.3	>50.0	7.5	157887.	0.5
0C.	771.1	0.3	>50.0	15.5	263145.	0.5	671.6	0.3	>50.0	13.5	263145.	0.5	472.6	0.3	>50.0	9.5	263145.	0.5
00.	820.9	0.3	>50.0	16.5	368403.	0.5	721.4	0.3	>50.0	14.5	368403.	0.5	572.1	0.3	>50.0	11.5	368403.	0.5

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MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

SO2 /HR	ISOPLETH LEVEL=50 MICROGR/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=100 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=200 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	0.0	0.0	0.0	0.	0.0
50.	0.3	0.3	0.5	0.5	79.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
00.	0.5	0.3	1.0	0.5	159.	0.5	0.3	0.3	0.5	0.5	159.	0.5	0.0	0.0	0.0	0.0	0.	0.0
50.	0.8	0.3	1.5	0.5	397.	0.5	0.5	0.3	1.0	0.5	397.	0.5	0.3	0.3	0.5	0.5	397.	0.5
00.	5.0	0.3	6.0	1.5	794.	0.5	0.8	0.3	1.5	0.5	794.	0.5	0.5	0.3	1.0	0.5	794.	0.5
50.	15.3	0.3	9.5	2.5	1191.	0.5	1.3	0.3	2.5	0.5	1191.	0.5	0.8	0.3	1.5	0.5	1191.	0.5
00.	26.5	0.3	13.0	2.5	1587.	0.5	1.3	0.3	2.5	0.5	1587.	0.5	0.8	0.3	1.5	0.5	1587.	0.5
00.	169.0	0.3	34.0	6.5	3969.	0.5	43.8	0.3	16.5	3.5	3969.	0.5	8.8	0.3	7.5	1.5	3969.	0.5
00.	621.9	0.3	>50.0	12.5	7937.	0.5	168.0	0.3	33.0	6.5	7937.	0.5	43.8	0.3	16.5	3.5	7937.	0.5
0.	1218.9	0.3	>50.0	24.5	23812.	0.5	820.9	0.3	>50.0	16.5	23812.	0.5	348.8	0.3	48.5	9.5	23812.	0.5
C.	1417.9	0.3	>50.0	28.5	39686.	0.5	1119.4	0.3	>50.0	22.5	39686.	0.5	721.4	0.3	>50.0	14.5	39686.	0.5
C.	1567.1	0.3	>50.0	31.5	55560.	0.5	1268.6	0.3	>50.0	25.5	55560.	0.5	920.4	0.3	>50.0	18.5	55560.	0.5
C.	1666.6	0.3	>50.0	33.5	79372.	0.5	1417.9	0.3	>50.0	28.5	79372.	0.5	1119.4	0.3	>50.0	22.5	79372.	0.5

58

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	0.0	0.0	0.0	0.	0.0
50.	1.0	0.3	2.0	0.5	113.	0.5	0.3	0.3	0.5	0.5	113.	0.5	0.0	0.0	0.0	0.0	0.	0.0
100.	1.8	0.3	3.5	0.5	226.	0.5	1.0	0.3	2.0	0.5	226.	0.5	0.3	0.3	0.5	0.5	226.	0.5
250.	3.8	0.3	7.5	0.5	566.	0.5	2.3	0.3	4.5	0.5	566.	0.5	1.3	0.3	2.5	0.5	566.	0.5
500.	16.3	0.3	13.5	1.5	1121.	0.5	3.8	0.3	7.5	0.5	1131.	0.5	2.3	0.3	4.5	0.5	1131.	0.5
750.	26.8	0.3	19.5	2.5	1697.	0.5	10.8	0.3	10.5	1.5	1697.	0.5	3.0	0.3	6.0	0.5	1697.	0.5
1000.	49.0	0.3	25.0	2.5	2262.	0.5	16.0	0.3	13.0	1.5	2262.	0.5	3.8	0.3	7.5	0.5	2262.	0.5
2500.	273.6	0.3	>50.0	5.5	5655.	0.5	67.5	0.3	30.0	3.5	5655.	0.5	20.8	0.3	16.5	1.5	5655.	0.5
5000.	422.9	0.3	>50.0	8.5	11310.	0.5	273.6	0.3	>50.0	5.5	11310.	0.5	67.5	0.3	30.0	3.5	11310.	0.5
15000.	671.6	0.3	>50.0	13.5	33931.	0.5	522.4	0.3	>50.0	10.5	33931.	0.5	373.1	0.3	>50.0	7.5	33931.	0.5
25000.	771.1	0.3	>50.0	15.5	56552.	0.5	671.6	0.3	>50.0	13.5	56552.	0.5	522.4	0.3	>50.0	10.5	56552.	0.5
35000.	820.9	0.3	>50.0	16.5	79173.	0.5	721.4	0.3	>50.0	14.5	79173.	0.5	572.1	0.3	>50.0	11.5	79173.	0.5
50000.	870.6	0.3	>50.0	17.5	113104.	0.5	771.1	0.3	>50.0	15.5	113104.	0.5	671.6	0.3	>50.0	13.5	113104.	0.5

59

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
100.	0.5	0.3	1.0	0.5	90.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	1.0	0.3	2.0	0.5	226.	0.5	0.5	0.3	1.0	0.5	226.	0.5	0.3	0.3	0.5	0.5	226.	0.5
500.	5.5	0.3	6.0	1.5	452.	0.5	1.0	0.3	2.0	0.5	452.	0.5	0.5	0.3	1.0	0.5	452.	0.5
750.	15.3	0.3	5.5	2.5	678.	0.5	2.8	0.3	4.5	1.5	678.	0.5	0.8	0.3	1.5	0.5	678.	0.5
1000.	26.5	0.3	13.0	2.5	904.	0.5	5.5	0.3	6.0	1.5	904.	0.5	1.0	0.3	2.0	0.5	904.	0.5
2500.	169.0	0.3	34.0	6.5	2260.	0.5	44.3	0.3	16.5	3.5	2260.	0.5	9.8	0.3	7.5	1.5	2260.	0.5
5000.	621.9	0.3	>50.0	12.5	4521.	0.5	168.0	0.3	33.0	6.5	4521.	0.5	44.3	0.3	16.5	3.5	4521.	0.5
15000.	1218.9	0.3	>50.0	24.5	13563.	0.5	820.9	0.3	>50.0	16.5	13563.	0.5	348.8	0.3	48.5	9.5	13563.	0.5
25000.	1417.9	0.3	>50.0	28.5	22605.	0.5	1119.4	0.3	>50.0	22.5	22605.	0.5	721.4	0.3	>50.0	14.5	22605.	0.5
35000.	1567.1	0.3	>50.0	31.5	31647.	0.5	1268.6	0.3	>50.0	25.5	31647.	0.5	920.4	0.3	>50.0	18.5	31647.	0.5
50000.	1666.6	0.3	>50.0	33.5	45209.	0.5	1417.9	0.3	>50.0	28.5	45209.	0.5	1119.4	0.3	>50.0	22.5	45209.	0.5

60

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	3.0	0.8	6.0	0.5	115.	2.0	1.0	1.3	2.0	0.5	115.	2.0	0.0	0.0	0.0	0.0	0.	0.0
500.	15.0	0.8	13.0	1.5	230.	2.0	3.0	0.8	6.0	0.5	230.	2.0	1.0	1.3	2.0	0.5	230.	2.0
750.	26.0	0.8	19.0	1.5	345.	2.0	7.3	0.8	9.5	1.5	345.	2.0	2.0	1.3	4.0	0.5	345.	2.0
1000.	49.5	0.8	25.0	2.5	460.	2.0	15.0	0.8	13.0	1.5	460.	2.0	3.0	0.8	6.0	0.5	460.	2.0
2500.	320.1	0.8	>50.0	6.5	1151.	2.0	71.8	0.8	30.5	3.5	1151.	2.0	20.8	0.8	16.5	1.5	1151.	2.0
5000.	522.4	0.3	>50.0	10.5	2302.	2.0	320.1	0.8	>50.0	6.5	2302.	2.0	71.8	0.8	30.5	3.5	2302.	2.0
15000.	771.1	0.3	>50.0	15.5	6905.	2.0	621.9	0.3	>50.0	12.5	6905.	2.0	472.6	0.3	>50.0	9.5	6905.	2.0
25000.	870.6	0.3	>50.0	17.5	11508.	2.0	721.4	0.3	>50.0	14.5	11508.	2.0	572.1	0.3	>50.0	11.5	11508.	2.0
35000.	920.4	0.3	>50.0	18.5	16112.	2.0	771.1	0.3	>50.0	15.5	16112.	2.0	671.6	0.3	>50.0	13.5	16112.	2.0
50000.	970.1	0.3	>50.0	19.5	23017.	2.0	870.6	0.3	>50.0	17.5	23017.	2.0	721.4	0.3	>50.0	14.5	23017.	2.0

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MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
SO2 /HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
50.	1.0	0.3	2.0	0.5	123.	1.0	0.5	0.3	1.0	0.5	123.	1.0	0.0	0.0	0.0	0.0	0.	0.0
00.	5.5	0.3	6.0	1.5	246.	1.0	1.0	0.3	2.0	0.5	246.	1.0	0.5	0.3	1.0	0.5	246.	1.0
50.	15.3	0.3	9.5	2.5	368.	1.0	2.8	0.3	4.5	1.5	368.	1.0	0.8	0.3	1.5	0.5	368.	1.0
00.	26.5	0.3	13.0	2.5	491.	1.0	5.5	0.3	6.0	1.5	491.	1.0	1.0	0.3	2.0	0.5	491.	1.0
00.	169.0	0.3	34.0	6.5	1228.	1.0	44.3	0.3	16.5	3.5	1228.	1.0	9.8	0.3	7.5	1.5	1228.	1.0
00.	621.9	0.3	>50.0	12.5	2457.	1.0	168.0	0.3	33.0	6.5	2457.	1.0	44.3	0.3	16.5	3.5	2457.	1.0
00.	1218.9	0.3	>50.0	24.5	7370.	1.0	820.9	0.3	>50.0	16.5	7370.	1.0	348.8	0.3	48.5	9.5	7370.	1.0
00.	1417.9	0.3	>50.0	28.5	12283.	1.0	1119.4	0.3	>50.0	22.5	12283.	1.0	721.4	0.3	>50.0	14.5	12283.	1.0
00.	1567.1	0.3	>50.0	31.5	17196.	1.0	1268.6	0.3	>50.0	25.5	17196.	1.0	920.4	0.3	>50.0	18.5	17196.	1.0
00.	1666.6	0.3	>50.0	33.5	24566.	1.0	1417.9	0.3	>50.0	28.5	24566.	1.0	1119.4	0.3	>50.0	22.5	24566.	1.0
00.	1815.9	0.3	>50.0	36.5	36849.	1.0	1567.1	0.3	>50.0	31.5	36849.	1.0	1318.4	0.3	>50.0	26.5	36849.	1.0
00.	1915.4	0.3	>50.0	38.5	49132.	1.0	1666.6	0.3	>50.0	33.5	49132.	1.0	1417.9	0.3	>50.0	28.5	49132.	1.0

62

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
SO2 /HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
50.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
00.	11.8	2.3	11.5	1.5	94.	4.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
50.	24.8	1.8	18.5	1.5	141.	4.5	3.5	2.3	7.0	0.5	141.	4.5	0.0	0.0	0.0	0.0	0.	0.0
00.	48.8	1.8	24.5	2.5	188.	4.5	11.8	2.3	11.5	1.5	188.	4.5	0.0	0.0	0.0	0.0	0.	0.0
00.	316.9	1.3	>50.0	6.5	469.	4.5	74.5	1.3	31.0	3.5	469.	4.5	19.3	1.8	15.5	1.5	469.	4.5
00.	511.9	1.3	>50.0	10.5	938.	4.5	316.9	1.3	>50.0	6.5	938.	4.5	74.5	1.3	31.0	3.5	938.	4.5
00.	763.4	0.8	>50.0	15.5	2815.	4.5	615.6	0.8	>50.0	12.5	2815.	4.5	463.1	1.3	>50.0	9.5	2815.	4.5
00.	861.9	0.8	>50.0	17.5	4692.	4.5	714.1	0.8	>50.0	14.5	4692.	4.5	566.4	0.8	>50.0	11.5	4692.	4.5
00.	911.1	0.8	>50.0	18.5	6569.	4.5	763.4	0.8	>50.0	15.5	6569.	4.5	664.9	0.8	>50.0	13.5	6569.	4.5
00.	960.4	0.8	>50.0	19.5	9385.	4.5	861.9	0.8	>50.0	17.5	9385.	4.5	714.1	0.8	>50.0	14.5	9385.	4.5
00.	1009.6	0.8	>50.0	20.5	14077.	4.5	911.1	0.8	>50.0	18.5	14077.	4.5	812.6	0.8	>50.0	16.5	14077.	4.5
00.	1058.9	0.8	>50.0	21.5	18770.	4.5	960.4	0.8	>50.0	19.5	18770.	4.5	861.9	0.8	>50.0	17.5	18770.	4.5

63

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
SO2 /HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
50.	1.3	0.3	2.5	0.5	120.	1.0	0.3	0.8	0.5	0.5	120.	1.0	0.0	0.0	0.0	0.0	0.	0.0
00.	6.0	0.3	6.0	1.5	240.	1.0	1.3	0.3	2.5	0.5	240.	1.0	0.3	0.8	0.5	0.5	240.	1.0
50.	15.3	0.3	9.5	2.5	360.	1.0	3.3	0.3	4.5	1.5	360.	1.0	0.8	0.3	1.5	0.5	360.	1.0
00.	26.5	0.3	13.0	2.5	479.	1.0	6.0	0.3	6.0	1.5	479.	1.0	1.3	0.3	2.5	0.5	479.	1.0
00.	169.5	0.3	34.0	6.5	1199.	1.0	44.3	0.3	16.5	3.5	1199.	1.0	9.8	0.3	7.5	1.5	1199.	1.0
00.	621.9	0.3	>50.0	12.5	2397.	1.0	168.5	0.3	33.0	6.5	2397.	1.0	44.3	0.3	16.5	3.5	2397.	1.0
00.	1218.9	0.3	>50.0	24.5	7191.	1.0	820.9	0.3	>50.0	16.5	7191.	1.0	348.8	0.3	48.5	9.5	7191.	1.0
00.	1417.9	0.3	>50.0	28.5	11985.	1.0	1119.4	0.3	>50.0	22.5	11985.	1.0	721.4	0.3	>50.0	14.5	11985.	1.0
00.	1567.1	0.3	>50.0	31.5	16780.	1.0	1268.6	0.3	>50.0	25.5	16780.	1.0	920.4	0.3	>50.0	18.5	16780.	1.0
00.	1666.6	0.3	>50.0	33.5	23971.	1.0	1417.9	0.3	>50.0	28.5	23971.	1.0	1119.4	0.3	>50.0	22.5	23971.	1.0
00.	1815.9	0.3	>50.0	36.5	35956.	1.0	1567.1	0.3	>50.0	31.5	35956.	1.0	1318.4	0.3	>50.0	26.5	35956.	1.0
00.	1915.4	0.3	>50.0	38.5	47942.	1.0	1666.6	0.3	>50.0	33.5	47942.	1.0	1417.9	0.3	>50.0	28.5	47942.	1.0

64

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	9.8	3.3	10.5	1.5	80.	6.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	24.0	2.8	18.0	1.5	120.	6.0	2.5	4.3	5.0	0.5	120.	6.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	48.3	2.3	24.5	2.5	160.	6.0	9.8	3.3	10.5	1.5	160.	6.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	313.6	1.8	>50.0	6.5	401.	6.0	74.5	2.3	30.0	3.5	401.	6.0	17.8	2.8	14.5	1.5	401.	6.0
5000.	506.6	1.8	>50.0	10.5	801.	6.0	313.6	1.8	>50.0	6.5	801.	6.0	74.5	2.3	30.0	3.5	801.	6.0
15000.	755.6	1.3	>50.0	15.5	2404.	6.0	603.1	1.8	>50.0	12.5	2404.	6.0	458.4	1.8	>50.0	9.5	2404.	6.0
25000.	853.1	1.3	>50.0	17.5	4006.	6.0	706.9	1.3	>50.0	14.5	4006.	6.0	554.9	1.8	>50.0	11.5	4006.	6.0
35000.	901.9	1.3	>50.0	18.5	5609.	6.0	755.6	1.3	>50.0	15.5	5609.	6.0	651.4	1.8	>50.0	13.5	5609.	6.0
50000.	950.6	1.3	>50.0	19.5	8012.	6.0	853.1	1.3	>50.0	17.5	8012.	6.0	706.9	1.3	>50.0	14.5	8012.	6.0
75000.	999.4	1.3	>50.0	20.5	12019.	6.0	901.9	1.3	>50.0	18.5	12019.	6.0	804.4	1.3	>50.0	16.5	12019.	6.0
100000.	1048.1	1.3	>50.0	21.5	16025.	6.0	950.6	1.3	>50.0	19.5	16025.	6.0	853.1	1.3	>50.0	17.5	16025.	6.0

65

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
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	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
100.	0.3	0.3	0.5	0.5	76.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	0.5	0.3	1.0	0.5	189.	0.5	0.3	0.3	0.5	0.5	189.	0.5	0.0	0.0	0.0	0.0	0.	0.0
500.	1.0	0.3	2.0	0.5	378.	0.5	0.5	0.3	1.0	0.5	378.	0.5	0.3	0.3	0.5	0.5	378.	0.5
750.	1.3	0.3	2.5	0.5	567.	0.5	0.5	0.3	1.0	0.5	567.	0.5	0.3	0.3	0.5	0.5	567.	0.5
1000.	2.8	0.3	4.5	1.5	755.	0.5	1.0	0.3	2.0	0.5	755.	0.5	0.5	0.3	1.0	0.5	755.	0.5
2500.	27.3	0.3	13.5	2.5	1889.	0.5	7.0	0.3	6.0	1.5	1889.	0.5	1.0	0.3	2.0	0.5	1889.	0.5
5000.	122.0	0.3	29.0	5.5	3777.	0.5	27.3	0.3	13.5	2.5	3777.	0.5	7.0	0.3	6.0	1.5	3777.	0.5
15000.	820.9	0.3	>50.0	16.5	11331.	0.5	284.8	0.3	45.5	8.5	11331.	0.5	66.5	0.3	21.0	4.5	11331.	0.5
25000.	1119.4	0.3	>50.0	22.5	18885.	0.5	671.6	0.3	>50.0	13.5	18885.	0.5	191.0	0.3	37.0	6.5	18885.	0.5
35000.	1268.6	0.3	>50.0	25.5	26439.	0.5	920.4	0.3	>50.0	18.5	26439.	0.5	472.6	0.3	>50.0	9.5	26439.	0.5

66

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
20.	0.3	0.3	0.5	0.5	85.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
50.	0.5	0.3	1.0	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.5
100.	1.0	0.3	2.0	0.5	423.	0.5	0.5	0.3	1.0	0.5	423.	0.5	0.3	0.3	0.5	0.5	423.	0.5
250.	2.0	0.3	4.0	0.5	1057.	0.5	1.3	0.3	2.5	0.5	1057.	0.5	0.8	0.3	1.5	0.5	1057.	0.5
500.	3.3	0.3	6.5	0.5	2115.	0.5	2.0	0.3	4.0	0.5	2115.	0.5	1.3	0.3	2.5	0.5	2115.	0.5
750.	7.8	0.3	8.5	1.5	3172.	0.5	2.8	0.3	5.5	0.5	3172.	0.5	1.5	0.3	3.0	0.5	3172.	0.5
1000.	12.0	0.3	11.0	1.5	4229.	0.5	3.3	0.3	6.5	0.5	4229.	0.5	2.0	0.3	4.0	0.5	4229.	0.5
2500.	62.5	0.3	30.0	2.5	10574.	0.5	15.5	0.3	13.0	1.5	10574.	0.5	3.8	0.3	7.5	0.5	10574.	0.5
5000.	273.6	0.3	>50.0	5.5	21147.	0.5	62.0	0.3	30.0	2.5	21147.	0.5	15.5	0.3	13.0	1.5	21147.	0.5
15000.	572.1	0.3	>50.0	11.5	63441.	0.5	373.1	0.3	>50.0	7.5	63441.	0.5	136.8	0.3	44.5	4.5	63441.	0.5
25000.	671.6	0.3	>50.0	13.5	105735.	0.5	522.4	0.3	>50.0	10.5	105735.	0.5	323.4	0.3	>50.0	6.5	105735.	0.5
35000.	721.4	0.3	>50.0	14.5	148029.	0.5	621.9	0.3	>50.0	12.5	148029.	0.5	422.9	0.3	>50.0	8.5	148029.	0.5

67

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

ISOPLETH LEVEL=50 MICROGR/CU.METER

AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
0.0	0.0	0.0	0.0	0.	0.0
0.0	0.0	0.0	0.0	0.	0.0
0.3	0.3	0.5	0.5	65.	0.5
0.5	0.3	1.0	0.5	162.	0.5
1.0	0.3	2.0	0.5	324.	0.5
1.3	0.3	2.5	0.5	487.	0.5
2.8	0.3	4.5	1.5	649.	0.5
27.3	0.3	13.5	2.5	1622.	0.5
122.0	0.3	29.0	5.5	3244.	0.5
820.9	0.3	>50.0	16.5	9733.	0.5
1119.4	0.3	>50.0	22.5	16221.	0.5
1268.6	0.3	>50.0	25.5	22710.	0.5
1417.9	0.3	>50.0	28.5	32442.	0.5

ISOPLETH LEVEL=100 MICROGM/CU.METER

AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
0.0	0.0	0.0	0.0	0.	0.0
0.0	0.0	0.0	0.0	0.	0.0
0.0	0.0	0.0	0.0	0.	0.0
0.3	0.3	0.5	0.5	162.	0.5
0.5	0.3	1.0	0.5	324.	0.5
0.5	0.3	1.0	0.5	487.	0.5
1.0	0.3	2.0	0.5	649.	0.5
7.0	0.3	6.0	1.5	1622.	0.5
27.3	0.3	13.5	2.5	3244.	0.5
284.8	0.3	45.5	8.5	9733.	0.5
671.6	0.3	>50.0	13.5	16221.	0.5
920.4	0.3	>50.0	18.5	22710.	0.5
1119.4	0.3	>50.0	22.5	32442.	0.5

ISOPLETH LEVEL=200 MICROGM/CU.METER

AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
0.0	0.0	0.0	0.0	0.	0.0
0.0	0.0	0.0	0.0	0.	0.0
0.0	0.0	0.0	0.0	0.	0.0
0.0	0.0	0.0	0.0	0.	0.0
0.3	0.3	0.5	0.5	324.	0.5
0.3	0.3	0.5	0.5	487.	0.5
0.5	0.3	1.0	0.5	649.	0.5
1.3	0.3	2.5	0.5	1622.	0.5
7.0	0.3	6.0	1.5	3244.	0.5
66.5	0.3	21.0	4.5	9733.	0.5
191.0	0.3	37.0	6.5	16221.	0.5
472.6	0.3	>50.0	9.5	22710.	0.5
671.6	0.3	>50.0	13.5	32442.	0.5

68

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

ISOPLETH LEVEL=50 MICROGR/CU.METER

AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
0.0	0.0	0.0	0.0	0.	0.0
0.0	0.0	0.0	0.0	0.	0.0
0.8	0.3	1.5	0.5	90.	1.0
1.8	0.3	3.5	0.5	226.	1.0
3.0	0.3	6.0	0.5	452.	1.0
6.3	0.3	8.5	1.5	678.	1.0
11.3	0.3	10.5	1.5	904.	1.0
62.0	0.3	30.0	2.5	2261.	1.0
273.6	0.3	>50.0	5.5	4521.	1.0
572.1	0.3	>50.0	11.5	13564.	1.0
671.6	0.3	>50.0	13.5	22607.	1.0
721.4	0.3	>50.0	14.5	31650.	1.0
820.9	0.3	>50.0	16.5	45214.	1.0

ISOPLETH LEVEL=100 MICROGM/CU.METER

AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
0.0	0.0	0.0	0.0	0.	0.0
0.0	0.0	0.0	0.0	0.	0.0
0.0	0.0	0.0	0.0	0.	0.0
1.0	0.3	2.0	0.5	226.	1.0
1.8	0.3	3.5	0.5	452.	1.0
2.5	0.3	5.0	0.5	678.	1.0
3.0	0.3	6.0	0.5	904.	1.0
15.5	0.3	13.0	1.5	2261.	1.0
61.5	0.3	30.0	2.5	4521.	1.0
373.1	0.3	>50.0	7.5	13564.	1.0
522.4	0.3	>50.0	10.5	22607.	1.0
621.9	0.3	>50.0	12.5	31650.	1.0
671.6	0.3	>50.0	13.5	45214.	1.0

ISOPLETH LEVEL=200 MICROGM/CU.METER

AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
0.0	0.0	0.0	0.0	0.	0.0
0.0	0.0	0.0	0.0	0.	0.0
0.0	0.0	0.0	0.0	0.	0.0
0.5	0.3	1.0	0.5	226.	1.0
1.0	0.3	2.0	0.5	452.	1.0
1.5	0.3	3.0	0.5	678.	1.0
1.8	0.3	3.5	0.5	904.	1.0
3.8	0.3	7.5	0.5	2261.	1.0
15.5	0.3	13.0	1.5	4521.	1.0
136.3	0.3	44.5	4.5	13564.	1.0
323.4	0.3	>50.0	6.5	22607.	1.0
422.9	0.3	>50.0	8.5	31650.	1.0
522.4	0.3	>50.0	10.5	45214.	1.0

69

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

ISOPLETH LEVEL=50 MICROGR/CU.METER

AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
0.0	0.0	0.0	0.0	0.	0.0
0.3	0.3	0.5	0.5	94.	0.5
0.8	0.3	1.5	0.5	189.	0.5
1.8	0.3	3.5	0.5	283.	0.5
3.3	0.3	4.5	1.5	377.	0.5
27.3	0.3	13.5	2.5	944.	0.5
122.0	0.3	29.0	5.5	1887.	0.5
820.9	0.3	>50.0	16.5	5661.	0.5
1119.4	0.3	>50.0	22.5	9435.	0.5
1268.6	0.3	>50.0	25.5	13209.	0.5
1417.9	0.3	>50.0	28.5	18870.	0.5

ISOPLETH LEVEL=100 MICROGM/CU.METER

AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
0.0	0.0	0.0	0.0	0.	0.0
0.0	0.0	0.0	0.0	0.	0.0
0.3	0.3	0.5	0.5	189.	0.5
0.8	0.3	1.5	0.5	283.	0.5
0.8	0.3	1.5	0.5	377.	0.5
7.0	0.3	6.0	1.5	944.	0.5
27.3	0.3	13.5	2.5	1887.	0.5
284.8	0.3	45.5	8.5	5661.	0.5
671.6	0.3	>50.0	13.5	9435.	0.5
920.4	0.3	>50.0	18.5	13209.	0.5
1119.4	0.3	>50.0	22.5	18870.	0.5

ISOPLETH LEVEL=200 MICROGM/CU.METER

AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
0.0	0.0	0.0	0.0	0.	0.0
0.0	0.0	0.0	0.0	0.	0.0
0.0	0.0	0.0	0.0	0.	0.0
0.3	0.3	0.5	0.5	283.	0.5
0.3	0.3	0.5	0.5	377.	0.5
1.3	0.3	2.5	0.5	944.	0.5
7.0	0.3	6.0	1.5	1887.	0.5
66.5	0.3	21.0	4.5	5661.	0.5
191.0	0.3	37.0	6.5	9435.	0.5
472.6	0.3	>50.0	9.5	13209.	0.5
671.6	0.3	>50.0	13.5	18870.	0.5

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MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	2.3	0.8	4.5	0.5	92.	2.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	3.5	0.8	7.0	0.5	138.	2.0	1.3	1.3	2.5	0.5	138.	2.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	7.8	0.8	9.5	1.5	184.	2.0	2.3	0.8	4.5	0.5	184.	2.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	58.3	0.8	29.5	2.5	461.	2.0	14.8	0.8	13.5	1.5	461.	2.0	3.0	0.8	6.0	0.5	461.	2.0
5000.	270.9	0.8	>50.0	5.5	922.	2.0	57.8	0.8	29.5	2.5	922.	2.0	14.8	0.8	13.5	1.5	922.	2.0
15000.	572.1	0.3	>50.0	11.5	2765.	2.0	418.6	0.8	>50.0	8.5	2765.	2.0	131.5	0.8	44.0	4.5	2765.	2.0
25000.	671.6	0.3	>50.0	13.5	4609.	2.0	517.1	0.8	>50.0	10.5	4609.	2.0	320.1	0.8	>50.0	6.5	4609.	2.0
35000.	771.1	0.3	>50.0	15.5	6453.	2.0	621.9	0.3	>50.0	12.5	6453.	2.0	467.9	0.8	>50.0	9.5	6453.	2.0
50000.	820.9	0.3	>50.0	16.5	9218.	2.0	671.6	0.3	>50.0	13.5	9218.	2.0	517.1	0.8	>50.0	10.5	9218.	2.0

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MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.8	0.3	1.5	0.5	86.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	1.8	0.3	3.5	0.5	129.	1.0	0.8	0.3	1.5	0.5	129.	1.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	3.3	0.3	4.5	1.5	171.	1.0	0.8	0.3	1.5	0.5	171.	1.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	27.3	0.3	13.5	2.5	429.	1.0	7.0	0.3	6.0	1.5	429.	1.0	1.0	0.3	2.0	0.5	429.	1.0
5000.	122.0	0.3	29.0	5.5	857.	1.0	27.3	0.3	13.5	2.5	857.	1.0	7.0	0.3	6.0	1.5	857.	1.0
15000.	820.9	0.3	>50.0	16.5	2572.	1.0	284.8	0.3	45.5	8.5	2572.	1.0	66.5	0.3	21.0	4.5	2572.	1.0
25000.	1119.4	0.3	>50.0	22.5	4286.	1.0	671.6	0.3	>50.0	13.5	4286.	1.0	191.0	0.3	37.0	6.5	4286.	1.0
35000.	1268.6	0.3	>50.0	25.5	6001.	1.0	920.4	0.3	>50.0	18.5	6001.	1.0	472.6	0.3	>50.0	9.5	6001.	1.0
50000.	1417.9	0.3	>50.0	28.5	8572.	1.0	1119.4	0.3	>50.0	22.5	8572.	1.0	671.6	0.3	>50.0	13.5	8572.	1.0
75000.	1567.1	0.3	>50.0	31.5	12859.	1.0	1318.4	0.3	>50.0	26.5	12859.	1.0	970.1	0.3	>50.0	19.5	12859.	1.0
100000.	1666.6	0.3	>50.0	33.5	17145.	1.0	1417.9	0.3	>50.0	28.5	17145.	1.0	1119.4	0.3	>50.0	22.5	17145.	1.0

72

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	1.3	3.3	2.5	0.5	53.	4.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	4.5	2.3	5.0	0.5	70.	4.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	52.8	1.8	26.5	2.5	175.	4.0	11.5	2.3	12.0	1.5	175.	4.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	268.1	1.3	>50.0	5.5	350.	4.0	52.8	1.8	26.5	2.5	350.	4.0	11.5	2.3	12.0	1.5	350.	4.0
15000.	560.6	1.3	>50.0	11.5	1050.	4.0	414.4	1.3	>50.0	8.5	1050.	4.0	132.3	1.3	46.5	3.5	1050.	4.0
25000.	664.9	0.8	>50.0	13.5	1750.	4.0	511.9	1.3	>50.0	10.5	1750.	4.0	316.9	1.3	>50.0	6.5	1750.	4.0
35000.	763.4	0.8	>50.0	15.5	2451.	4.0	609.4	1.3	>50.0	12.5	2451.	4.0	463.1	1.3	>50.0	9.5	2451.	4.0
50000.	812.6	0.8	>50.0	16.5	3501.	4.0	664.9	0.8	>50.0	13.5	3501.	4.0	511.9	1.3	>50.0	10.5	3501.	4.0
75000.	861.9	0.8	>50.0	17.5	5251.	4.0	763.4	0.8	>50.0	15.5	5251.	4.0	609.4	1.3	>50.0	12.5	5251.	4.0
100000.	911.1	0.8	>50.0	18.5	7002.	4.0	812.6	0.8	>50.0	16.5	7002.	4.0	664.9	0.8	>50.0	13.5	7002.	4.0

73

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
2	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
.	0.3	0.8	C.5	0.5	51.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
.	0.5	0.8	1.0	0.5	102.	1.0	0.3	0.8	0.5	0.5	102.	1.0	0.0	0.0	0.0	0.0	0.	0.0
.	1.5	0.8	3.0	0.5	153.	1.0	0.5	0.8	1.0	0.5	153.	1.0	0.0	0.0	0.0	0.0	0.	0.0
.	3.8	0.3	4.5	1.5	204.	1.0	0.5	0.8	1.0	0.5	204.	1.0	0.3	0.8	0.5	0.5	204.	1.0
.	27.3	0.3	13.5	2.5	510.	1.0	7.0	0.3	6.0	1.5	510.	1.0	1.0	0.8	2.0	0.5	510.	1.0
.	122.5	0.3	29.0	5.5	1021.	1.0	27.3	0.3	13.5	2.5	1021.	1.0	7.0	0.3	6.0	1.5	1021.	1.0
.	820.9	0.3	>5C.0	16.5	3062.	1.0	284.8	0.3	45.5	8.5	3062.	1.0	66.5	0.3	21.0	4.5	3062.	1.0
.	1119.4	0.3	>50.0	22.5	5104.	1.0	671.6	0.3	>50.0	13.5	5104.	1.0	191.0	0.3	37.0	6.5	5104.	1.0
.	1268.6	0.3	>5C.0	25.5	7145.	1.0	920.4	0.3	>50.0	18.5	7145.	1.0	472.6	0.3	>50.0	9.5	7145.	1.0
.	1417.9	0.3	>50.0	28.5	102C8.	1.0	1119.4	0.3	>50.0	22.5	10208.	1.0	671.6	0.3	>50.0	13.5	10208.	1.0
.	1567.1	0.3	>5C.0	31.5	15312.	1.0	1318.4	0.3	>50.0	26.5	15312.	1.0	970.1	0.3	>50.0	19.5	15312.	1.0
.	1666.6	0.3	>5C.0	33.5	20416.	1.0	1417.9	0.3	>50.0	28.5	20416.	1.0	1119.4	0.3	>50.0	22.5	20416.	1.0

74

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
02	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
.	0.0	0.0	0.0	0.0	C.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
.	0.0	0.C	C.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
.	0.0	0.C	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
.	2.3	6.3	4.5	0.5	64.	6.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
.	51.5	2.8	25.0	2.5	161.	6.5	11.0	4.3	10.0	1.5	161.	6.5	0.0	0.0	0.0	0.0	0.	0.0
.	262.6	2.3	>50.0	5.5	322.	6.5	51.0	2.8	25.0	2.5	322.	6.5	11.0	4.3	10.0	1.5	322.	6.5
.	554.9	1.8	>50.0	11.5	965.	6.5	405.9	2.3	>50.C	8.5	965.	6.5	130.8	2.3	45.5	3.5	965.	6.5
.	651.4	1.8	>50.0	13.5	16C9.	6.5	506.6	1.8	>50.0	10.5	1609.	6.5	310.4	2.3	>50.0	6.5	1609.	6.5
.	747.9	1.8	>5C.0	15.5	2252.	6.5	603.1	1.8	>50.0	12.5	2252.	6.5	458.4	1.8	>50.0	9.5	2252.	6.5
.	804.4	1.3	>50.0	16.5	3217.	6.5	651.4	1.8	>50.0	13.5	3217.	6.5	506.6	1.8	>50.0	10.5	3217.	6.5
.	853.1	1.3	>5C.0	17.5	4826.	6.5	747.9	1.8	>50.0	15.5	4826.	6.5	603.1	1.8	>50.0	12.5	4826.	6.5
.	901.9	1.3	>50.0	18.5	6434.	6.5	804.4	1.3	>50.0	16.5	6434.	6.5	651.4	1.8	>50.0	13.5	6434.	6.5

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MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
2	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
.	0.0	0.C	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
.	0.0	0.C	C.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
.	0.3	0.3	0.5	0.5	94.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
.	0.5	0.3	1.0	0.5	189.	0.5	0.3	0.3	0.5	0.5	189.	0.5	0.0	0.0	0.0	0.0	0.	0.0
.	0.5	0.3	1.0	0.5	283.	0.5	0.3	0.3	0.5	0.5	283.	0.5	0.3	0.3	0.5	0.5	283.	0.5
.	1.0	0.3	2.0	0.5	378.	0.5	0.5	0.3	1.0	0.5	378.	0.5	0.3	0.3	0.5	0.5	378.	0.5
.	7.0	0.3	6.0	1.5	944.	0.5	1.0	0.3	2.C	0.5	944.	0.5	0.5	0.3	1.0	0.5	944.	0.5
.	27.3	0.3	13.5	2.5	1889.	0.5	7.0	0.3	6.0	1.5	1889.	0.5	1.0	0.3	2.0	0.5	1889.	0.5
.	286.8	0.3	45.5	8.5	5666.	0.5	66.5	0.3	21.0	4.5	5666.	0.5	15.3	0.3	9.5	2.5	5666.	0.5
.	671.6	0.3	>5C.0	13.5	9443.	0.5	191.0	0.3	37.0	6.5	9443.	0.5	45.5	0.3	17.0	3.5	9443.	0.5
.	920.4	0.3	>50.0	18.5	13220.	0.5	472.6	0.3	>50.0	9.5	13220.	0.5	89.5	0.3	25.0	4.5	13220.	0.5

76

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
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	0.0	0.0	0.0	0.	0.0
50.	0.3	0.3	0.5	0.5	106.	0.5	0.3	0.3	0.5	0.5	106.	0.5	0.0	0.0	0.0	0.0	0.	0.0
100.	0.5	0.3	1.0	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.5
250.	1.3	0.3	2.5	0.5	529.	0.5	0.8	0.3	1.5	0.5	529.	0.5	0.5	0.3	1.0	0.5	529.	0.5
500.	2.0	0.3	4.0	0.5	1057.	0.5	1.3	0.3	2.5	0.5	1057.	0.5	0.8	0.3	1.5	0.5	1057.	0.5
750.	2.8	0.3	5.5	0.5	1586.	0.5	1.5	0.3	3.0	0.5	1586.	0.5	1.0	0.3	2.0	0.5	1586.	0.5
1000.	3.3	0.3	6.5	0.5	2115.	0.5	2.0	0.3	4.0	0.5	2115.	0.5	1.3	0.3	2.5	0.5	2115.	0.5
2500.	15.5	0.3	13.0	1.5	5287.	0.5	3.8	0.3	7.5	0.5	5287.	0.5	2.3	0.3	4.5	0.5	5287.	0.5
5000.	62.5	0.3	30.0	2.5	10574.	0.5	15.5	0.3	13.0	1.5	10574.	0.5	3.8	0.3	7.5	0.5	10574.	0.5
15000.	373.1	0.3	>50.0	7.5	31721.	0.5	136.8	0.3	44.5	4.5	31721.	0.5	29.3	0.3	22.5	1.5	31721.	0.5
25000.	522.4	0.3	>50.0	10.5	52868.	0.5	323.4	0.3	>50.0	6.5	52868.	0.5	95.8	0.3	37.5	3.5	52868.	0.5
35000.	621.9	0.3	>50.0	12.5	74015.	0.5	422.9	0.3	>50.0	8.5	74015.	0.5	223.9	0.3	>50.0	4.5	74015.	0.5

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MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
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	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.	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	0.3	0.3	0.5	0.5	81.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.5	0.3	1.0	0.5	162.	0.5	0.3	0.3	0.5	0.5	162.	0.5	0.0	0.0	0.0	0.0	0.	0.0
750.	0.5	0.3	1.0	0.5	243.	0.5	0.3	0.3	0.5	0.5	243.	0.5	0.3	0.3	0.5	0.5	243.	0.5
1000.	1.0	0.3	2.0	0.5	324.	0.5	0.5	0.3	1.0	0.5	324.	0.5	0.3	0.3	0.5	0.5	324.	0.5
2500.	7.0	0.3	6.0	1.5	811.	0.5	1.3	0.3	2.5	0.5	811.	0.5	0.5	0.3	1.0	0.5	811.	0.5
5000.	27.3	0.3	13.5	2.5	1622.	0.5	7.0	0.3	6.0	1.5	1622.	0.5	1.3	0.3	2.5	0.5	1622.	0.5
15000.	286.8	0.3	45.5	8.5	4866.	0.5	66.5	0.3	21.0	4.5	4866.	0.5	15.3	0.3	9.5	2.5	4866.	0.5
25000.	671.6	0.3	>50.0	13.5	8111.	0.5	191.0	0.3	37.0	6.5	8111.	0.5	45.5	0.3	17.0	3.5	8111.	0.5
35000.	920.4	0.3	>50.0	18.5	11355.	0.5	472.6	0.3	>50.0	9.5	11355.	0.5	89.5	0.3	25.0	4.5	11355.	0.5
50000.	1119.4	0.3	>50.0	22.5	16221.	0.5	671.6	0.3	>50.0	13.5	16221.	0.5	191.0	0.3	37.0	6.5	16221.	0.5

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MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
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	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.	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	1.0	0.3	2.0	0.5	113.	1.0	0.5	0.3	1.0	0.5	113.	1.0	0.0	0.0	0.0	0.0	0.	0.0
500.	1.8	0.3	3.5	0.5	226.	1.0	1.0	0.3	2.0	0.5	226.	1.0	0.5	0.3	1.0	0.5	226.	1.0
750.	2.5	0.3	5.0	0.5	339.	1.0	1.5	0.3	3.0	0.5	339.	1.0	0.8	0.3	1.5	0.5	339.	1.0
1000.	3.0	0.3	6.0	0.5	452.	1.0	1.8	0.3	3.5	0.5	452.	1.0	1.0	0.3	2.0	0.5	452.	1.0
2500.	15.5	0.3	13.0	1.5	1130.	1.0	3.8	0.3	7.5	0.5	1130.	1.0	2.3	0.3	4.5	0.5	1130.	1.0
5000.	62.0	0.3	30.0	2.5	2261.	1.0	15.5	0.3	13.0	1.5	2261.	1.0	3.8	0.3	7.5	0.5	2261.	1.0
15000.	373.1	0.3	>50.0	7.5	6782.	1.0	136.3	0.3	44.5	4.5	6782.	1.0	28.5	0.3	21.0	1.5	6782.	1.0
25000.	522.4	0.3	>50.0	10.5	11304.	1.0	323.4	0.3	>50.0	6.5	11304.	1.0	97.8	0.3	37.5	3.5	11304.	1.0
35000.	621.9	0.3	>50.0	12.5	15825.	1.0	422.9	0.3	>50.0	8.5	15825.	1.0	223.9	0.3	>50.0	4.5	15825.	1.0
50000.	671.6	0.3	>50.0	13.5	22607.	1.0	522.4	0.3	>50.0	10.5	22607.	1.0	323.4	0.3	>50.0	6.5	22607.	1.0

79

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

QSC2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
B/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.3	0.3	0.5	0.5	94.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.8	0.3	1.5	0.5	142.	0.5	0.3	0.3	0.5	0.5	142.	0.5	0.0	0.0	0.0	0.0	0.	0.0
000.	0.8	0.3	1.5	0.5	189.	0.5	0.3	0.3	0.5	0.5	189.	0.5	0.0	0.0	0.0	0.0	0.	0.0
500.	7.0	0.3	6.0	1.5	472.	0.5	1.3	0.3	2.5	0.5	472.	0.5	0.5	0.3	1.0	0.5	472.	0.5
000.	27.3	0.3	13.5	2.5	944.	0.5	7.0	0.3	6.0	1.5	944.	0.5	1.3	0.3	2.5	0.5	944.	0.5
000.	286.8	0.3	45.5	8.5	2831.	0.5	66.5	0.3	21.0	4.5	2831.	0.5	15.3	0.3	9.5	2.5	2831.	0.5
000.	671.6	0.3	>50.0	13.5	4718.	0.5	191.0	0.3	37.0	6.5	4718.	0.5	46.0	0.3	17.0	3.5	4718.	0.5
000.	920.4	0.3	>50.0	18.5	6605.	0.5	472.6	0.3	>50.0	9.5	6605.	0.5	89.5	0.3	25.0	4.5	6605.	0.5
00C.	1119.4	0.3	>50.0	22.5	9435.	0.5	671.6	0.3	>50.0	13.5	9435.	0.5	191.0	0.3	37.0	6.5	9435.	0.5

80

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSC2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
.B/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	1.3	1.3	2.5	0.5	69.	2.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
.000.	2.3	0.8	4.5	0.5	92.	2.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	14.8	0.8	13.5	1.5	230.	2.0	3.0	0.8	6.0	0.5	230.	2.0	1.0	1.3	2.0	0.5	230.	2.0
000.	58.3	0.8	29.5	2.5	461.	2.0	14.8	0.8	13.5	1.5	461.	2.0	3.0	0.8	6.0	0.5	461.	2.0
000.	418.6	0.8	>50.0	8.5	1383.	2.0	131.5	0.8	44.0	4.5	1383.	2.0	30.3	0.8	20.5	2.5	1383.	2.0
000.	517.1	0.8	>50.0	10.5	2305.	2.0	320.1	0.8	>50.0	6.5	2305.	2.0	96.5	0.8	37.0	3.5	2305.	2.0
000.	621.9	0.3	>50.0	12.5	3226.	2.0	467.9	0.8	>50.0	9.5	3226.	2.0	221.6	0.8	>50.0	4.5	3226.	2.0
00C.	671.6	0.3	>50.0	13.5	4609.	2.0	517.1	0.8	>50.0	10.5	4609.	2.0	320.1	0.8	>50.0	6.5	4609.	2.0

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MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

QSC2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
.B/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.8	0.3	1.5	0.5	64.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.8	0.3	1.5	0.5	86.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	7.0	0.3	6.0	1.5	214.	1.0	1.0	0.3	2.0	0.5	214.	1.0	0.3	0.8	0.5	0.5	214.	1.0
5000.	27.3	0.3	13.5	2.5	429.	1.0	7.0	0.3	6.0	1.5	429.	1.0	1.0	0.3	2.0	0.5	429.	1.0
6000.	286.8	0.3	45.5	8.5	1286.	1.0	66.5	0.3	21.0	4.5	1286.	1.0	15.3	0.3	9.5	2.5	1286.	1.0
8000.	671.6	0.3	>50.0	13.5	2143.	1.0	191.0	0.3	37.0	6.5	2143.	1.0	46.0	0.3	17.0	3.5	2143.	1.0
0000.	920.4	0.3	>50.0	18.5	3000.	1.0	472.6	0.3	>50.0	9.5	3000.	1.0	89.0	0.3	25.0	4.5	3000.	1.0
2000.	1119.4	0.3	>50.0	22.5	4286.	1.0	671.6	0.3	>50.0	13.5	4286.	1.0	191.0	0.3	37.0	6.5	4286.	1.0
5000.	1318.4	0.3	>50.0	26.5	6429.	1.0	970.1	0.3	>50.0	19.5	6429.	1.0	522.4	0.3	>50.0	10.5	6429.	1.0
0000.	1417.9	0.3	>50.0	28.5	8572.	1.0	1119.4	0.3	>50.0	22.5	8572.	1.0	671.6	0.3	>50.0	13.5	8572.	1.0

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MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	11.5	2.3	12.0	1.5	88.	4.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	52.8	1.8	26.5	2.5	175.	4.0	11.5	2.3	12.0	1.5	175.	4.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	414.4	1.3	>50.0	8.5	525.	4.0	132.3	1.3	46.5	3.5	525.	4.0	29.5	1.8	20.0	2.5	525.	4.0
25000.	511.9	1.3	>50.0	10.5	875.	4.0	316.9	1.3	>50.0	6.5	875.	4.0	91.0	1.3	36.0	3.5	875.	4.0
35000.	609.4	1.3	>50.0	12.5	1225.	4.0	463.1	1.3	>50.0	9.5	1225.	4.0	219.4	1.3	>50.0	4.5	1225.	4.0
50000.	664.9	0.8	>50.0	13.5	1750.	4.0	511.9	1.3	>50.0	10.5	1750.	4.0	316.9	1.3	>50.0	6.5	1750.	4.0
75000.	763.4	0.8	>50.0	15.5	2626.	4.0	609.4	1.3	>50.0	12.5	2626.	4.0	463.1	1.3	>50.0	9.5	2626.	4.0
100000.	812.6	0.8	>50.0	16.5	3501.	4.0	664.9	0.8	>50.0	13.5	3501.	4.0	511.9	1.3	>50.0	10.5	3501.	4.0

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MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.3	0.8	0.5	0.5	51.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.5	0.8	1.0	0.5	77.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.5	0.8	1.0	0.5	102.	1.0	0.3	0.8	0.5	0.5	102.	1.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	7.0	0.3	6.0	1.5	255.	1.0	1.0	0.8	2.0	0.5	255.	1.0	0.3	0.8	0.5	0.5	255.	1.0
5000.	27.3	0.3	13.5	2.5	510.	1.0	7.0	0.3	6.0	1.5	510.	1.0	1.0	0.8	2.0	0.5	510.	1.0
15000.	286.8	0.3	45.5	8.5	1531.	1.0	66.5	0.3	21.0	4.5	1531.	1.0	15.3	0.3	9.5	2.5	1531.	1.0
25000.	671.6	0.3	>50.0	13.5	2552.	1.0	191.0	0.3	37.0	6.5	2552.	1.0	46.0	0.3	17.0	3.5	2552.	1.0
35000.	920.4	0.3	>50.0	18.5	3573.	1.0	472.6	0.3	>50.0	9.5	3573.	1.0	90.0	0.3	25.0	4.5	3573.	1.0
50000.	1119.4	0.3	>50.0	22.5	5104.	1.0	671.6	0.3	>50.0	13.5	5104.	1.0	191.0	0.3	37.0	6.5	5104.	1.0
75000.	1318.4	0.3	>50.0	26.5	7656.	1.0	970.1	0.3	>50.0	19.5	7656.	1.0	522.4	0.3	>50.0	10.5	7656.	1.0
100000.	1417.9	0.3	>50.0	28.5	10208.	1.0	1119.4	0.3	>50.0	22.5	10208.	1.0	671.6	0.3	>50.0	13.5	10208.	1.0

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MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	11.0	4.3	10.0	1.5	80.	6.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	51.5	2.8	25.0	2.5	161.	6.5	11.0	4.3	10.0	1.5	161.	6.5	0.0	0.0	0.0	0.0	0.	0.0
15000.	405.9	2.3	>50.0	8.5	483.	6.5	130.8	2.3	45.5	3.5	483.	6.5	25.5	3.3	18.0	2.5	483.	6.5
25000.	506.6	1.8	>50.0	10.5	804.	6.5	310.4	2.3	>50.0	6.5	804.	6.5	80.5	2.8	31.0	3.5	804.	6.5
35000.	603.1	1.8	>50.0	12.5	1126.	6.5	458.4	1.8	>50.0	9.5	1126.	6.5	214.9	2.3	>50.0	4.5	1126.	6.5
50000.	651.4	1.8	>50.0	13.5	1609.	6.5	506.6	1.8	>50.0	10.5	1609.	6.5	310.4	2.3	>50.0	6.5	1609.	6.5
75000.	747.9	1.8	>50.0	15.5	2413.	6.5	603.1	1.8	>50.0	12.5	2413.	6.5	458.4	1.8	>50.0	9.5	2413.	6.5
100000.	804.4	1.3	>50.0	16.5	3217.	6.5	651.4	1.8	>50.0	13.5	3217.	6.5	506.6	1.8	>50.0	10.5	3217.	6.5

85

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLF	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
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	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.	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	0.3	0.3	0.5	0.5	63.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.3	0.3	0.5	0.5	126.	0.5	0.3	0.3	0.5	0.5	126.	0.5	0.0	0.0	0.0	0.0	0.	0.0
750.	0.5	0.3	1.0	0.5	189.	0.5	0.3	0.3	0.5	0.5	189.	0.5	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.5	0.3	1.0	0.5	252.	0.5	0.3	0.3	0.5	0.5	252.	0.5	0.3	0.3	0.5	0.5	252.	0.5
2500.	2.0	0.3	4.0	0.5	630.	0.5	0.5	0.3	1.0	0.5	630.	0.5	0.3	0.3	0.5	0.5	630.	0.5
5000.	10.8	0.3	8.5	1.5	1259.	0.5	2.0	0.3	4.0	0.5	1259.	0.5	0.5	0.3	1.0	0.5	1259.	0.5
7500.	122.0	0.3	29.0	5.5	3777.	0.5	27.3	0.3	13.5	2.5	3777.	0.5	7.0	0.3	6.0	1.5	3777.	0.5
10000.	472.6	0.3	>50.0	9.5	6295.	0.5	82.3	0.3	23.5	4.5	6295.	0.5	20.0	0.3	11.0	2.5	6295.	0.5
15000.	621.9	0.3	>50.0	12.5	8813.	0.5	168.3	0.3	34.5	6.5	8813.	0.5	39.5	0.3	16.0	3.5	8813.	0.5

86

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
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	0.0	0.0	0.0	0.	0.0
50.	0.3	0.3	0.5	0.5	70.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
100.	0.5	0.3	1.0	0.5	141.	0.5	0.3	0.3	0.5	0.5	141.	0.5	0.0	0.0	0.0	0.0	0.	0.0
250.	1.0	0.3	2.0	0.5	352.	0.5	0.5	0.3	1.0	0.5	352.	0.5	0.3	0.3	0.5	0.5	352.	0.5
500.	1.5	0.3	3.0	0.5	705.	0.5	1.0	0.3	2.0	0.5	705.	0.5	0.5	0.3	1.0	0.5	705.	0.5
750.	2.0	0.3	4.0	0.5	1057.	0.5	1.3	0.3	2.5	0.5	1057.	0.5	0.8	0.3	1.5	0.5	1057.	0.5
1000.	2.5	0.3	5.0	0.5	1410.	0.5	1.5	0.3	3.0	0.5	1410.	0.5	1.0	0.3	2.0	0.5	1410.	0.5
2500.	9.3	0.3	9.5	1.5	3525.	0.5	2.8	0.3	5.5	0.5	3525.	0.5	1.8	0.3	3.5	0.5	3525.	0.5
5000.	21.0	0.3	16.0	1.5	7049.	0.5	9.3	0.3	9.5	1.5	7049.	0.5	2.8	0.3	5.5	0.5	7049.	0.5
7500.	273.6	0.3	>50.0	5.5	21147.	0.5	62.0	0.3	30.0	2.5	21147.	0.5	15.5	0.3	13.0	1.5	21147.	0.5
10000.	422.9	0.3	>50.0	8.5	35245.	0.5	223.9	0.3	>50.0	4.5	35245.	0.5	41.0	0.3	25.0	2.5	35245.	0.5
15000.	522.4	0.3	>50.0	10.5	49343.	0.5	323.4	0.3	>50.0	6.5	49343.	0.5	85.0	0.3	35.0	3.5	49343.	0.5

87

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
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	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.	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	0.3	0.3	0.5	0.5	54.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.3	0.3	0.5	0.5	108.	0.5	0.3	0.3	0.5	0.5	108.	0.5	0.0	0.0	0.0	0.0	0.	0.0
750.	0.5	0.3	1.0	0.5	162.	0.5	0.3	0.3	0.5	0.5	162.	0.5	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.5	0.3	1.0	0.5	216.	0.5	0.3	0.3	0.5	0.5	216.	0.5	0.3	0.3	0.5	0.5	216.	0.5
2500.	2.0	0.3	4.0	0.5	541.	0.5	0.5	0.3	1.0	0.5	541.	0.5	0.3	0.3	0.5	0.5	541.	0.5
5000.	10.8	0.3	8.5	1.5	1081.	0.5	2.0	0.3	4.0	0.5	1081.	0.5	0.5	0.3	1.0	0.5	1081.	0.5
7500.	122.0	0.3	29.0	5.5	3244.	0.5	27.3	0.3	13.5	2.5	3244.	0.5	7.0	0.3	6.0	1.5	3244.	0.5
10000.	472.6	0.3	>50.0	9.5	5407.	0.5	82.3	0.3	23.5	4.5	5407.	0.5	20.0	0.3	11.0	2.5	5407.	0.5
15000.	621.9	0.3	>50.0	12.5	7570.	0.5	168.3	0.3	34.5	6.5	7570.	0.5	39.5	0.3	16.0	3.5	7570.	0.5
20000.	870.6	0.3	>50.0	17.5	10814.	0.5	472.6	0.3	>50.0	9.5	10814.	0.5	82.3	0.3	23.5	4.5	10814.	0.5

88

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	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.	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	0.8	0.3	1.5	0.5	75.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	1.3	0.3	2.5	0.5	151.	1.0	0.8	0.3	1.5	0.5	151.	1.0	0.0	0.0	0.0	0.0	0.	0.0
750.	1.8	0.3	3.5	0.5	226.	1.0	1.0	0.3	2.0	0.5	226.	1.0	0.5	0.3	1.0	0.5	226.	1.0
1000.	2.3	0.3	4.5	0.5	301.	1.0	1.3	0.3	2.5	0.5	301.	1.0	0.8	0.3	1.5	0.5	301.	1.0
2500.	8.0	0.3	9.0	1.5	754.	1.0	2.8	0.3	5.5	0.5	754.	1.0	1.5	0.3	3.0	0.5	754.	1.0
5000.	24.3	0.3	18.5	1.5	1507.	1.0	8.0	0.3	9.0	1.5	1507.	1.0	2.8	0.3	5.5	0.5	1507.	1.0
15000.	273.6	0.3	>50.0	5.5	4521.	1.0	61.5	0.3	30.0	2.5	4521.	1.0	15.5	0.3	13.0	1.5	4521.	1.0
25000.	422.9	0.3	>50.0	8.5	7536.	1.0	223.9	0.3	>50.0	4.5	7536.	1.0	43.0	0.3	25.0	2.5	7536.	1.0
35000.	522.4	0.3	>50.0	10.5	10550.	1.0	323.4	0.3	>50.0	6.5	10550.	1.0	85.0	0.3	35.0	3.5	10550.	1.0
50000.	572.1	0.3	>50.0	11.5	15071.	1.0	422.9	0.3	>50.0	8.5	15071.	1.0	223.9	0.3	>50.0	4.5	15071.	1.0

89

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.3	0.3	0.5	0.5	63.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.3	0.3	0.5	0.5	94.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.5	0.3	1.0	0.5	126.	0.5	0.3	0.3	0.5	0.5	126.	0.5	0.0	0.0	0.0	0.0	0.	0.0
2500.	2.0	0.3	4.0	0.5	315.	0.5	0.8	0.3	1.5	0.5	315.	0.5	0.3	0.3	0.5	0.5	315.	0.5
5000.	11.3	0.3	8.5	1.5	629.	0.5	2.0	0.3	4.0	0.5	629.	0.5	0.8	0.3	1.5	0.5	629.	0.5
15000.	122.0	0.3	29.0	5.5	1887.	0.5	27.3	0.3	13.5	2.5	1887.	0.5	7.0	0.3	6.0	1.5	1887.	0.5
25000.	472.6	0.3	>50.0	9.5	3145.	0.5	81.8	0.3	23.5	4.5	3145.	0.5	20.0	0.3	11.0	2.5	3145.	0.5
35000.	621.9	0.3	>50.0	12.5	4403.	0.5	168.3	0.3	34.5	6.5	4403.	0.5	40.0	0.3	16.0	3.5	4403.	0.5
50000.	870.6	0.3	>50.0	17.5	6290.	0.5	472.6	0.3	>50.0	9.5	6290.	0.5	81.8	0.3	23.5	4.5	6290.	0.5

90

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	1.0	1.3	2.0	0.5	61.	2.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	4.0	0.8	8.0	0.5	154.	2.0	1.5	1.3	3.0	0.5	154.	2.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	23.8	0.8	18.5	1.5	307.	2.0	4.0	0.8	8.0	0.5	307.	2.0	1.5	1.3	3.0	0.5	307.	2.0
15000.	270.9	0.8	>50.0	5.5	922.	2.0	57.8	0.8	29.5	2.5	922.	2.0	14.8	0.8	13.5	1.5	922.	2.0
25000.	418.6	0.8	>50.0	8.5	1536.	2.0	221.6	0.8	>50.0	4.5	1536.	2.0	39.5	0.8	23.0	2.5	1536.	2.0
35000.	517.1	0.8	>50.0	10.5	2151.	2.0	320.1	0.8	>50.0	6.5	2151.	2.0	81.3	0.8	34.5	3.5	2151.	2.0
50000.	621.9	0.3	>50.0	12.5	3073.	2.0	418.6	0.8	>50.0	8.5	3073.	2.0	221.6	0.8	>50.0	4.5	3073.	2.0

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MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.5	0.3	1.0	0.5	57.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	2.0	0.3	4.0	0.5	143.	1.0	0.8	0.3	1.5	0.5	143.	1.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	11.3	0.3	8.5	1.5	286.	1.0	2.0	0.3	4.0	0.5	286.	1.0	0.8	0.3	1.5	0.5	286.	1.0
5000.	122.0	0.3	29.0	5.5	857.	1.0	27.3	0.3	13.5	2.5	857.	1.0	7.0	0.3	6.0	1.5	857.	1.0
5000.	472.6	0.3	>50.0	9.5	1429.	1.0	81.8	0.3	23.5	4.5	1429.	1.0	20.0	0.3	11.0	2.5	1429.	1.0
5000.	621.9	0.3	>50.0	12.5	2000.	1.0	168.3	0.3	34.5	6.5	2000.	1.0	40.0	0.3	16.0	3.5	2000.	1.0
000C.	870.6	0.3	>50.0	17.5	2857.	1.0	472.6	0.3	>50.0	9.5	2857.	1.0	81.8	0.3	23.5	4.5	2857.	1.0
5000.	1119.4	0.3	>50.0	22.5	4286.	1.0	671.6	0.3	>50.0	13.5	4286.	1.0	191.0	0.3	37.0	6.5	4286.	1.0
0000.	1268.6	0.3	>50.0	25.5	5715.	1.0	870.6	0.3	>50.0	17.5	5715.	1.0	472.6	0.3	>50.0	9.5	5715.	1.0

92

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	2.0	2.8	4.0	0.5	58.	4.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	22.3	1.8	17.5	1.5	117.	4.0	2.0	2.8	4.0	0.5	117.	4.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	268.1	1.3	>50.0	5.5	350.	4.0	52.8	1.8	26.5	2.5	350.	4.0	11.5	2.3	12.0	1.5	350.	4.0
5000.	414.4	1.3	>50.0	8.5	583.	4.0	219.4	1.3	>50.0	4.5	583.	4.0	38.5	1.8	22.0	2.5	583.	4.0
5000.	511.9	1.3	>50.0	10.5	817.	4.0	316.9	1.3	>50.0	6.5	817.	4.0	76.3	1.3	33.5	3.5	817.	4.0
0000.	609.4	1.3	>50.0	12.5	1167.	4.0	414.4	1.3	>50.0	8.5	1167.	4.0	219.4	1.3	>50.0	4.5	1167.	4.0
500C.	664.9	0.8	>50.0	13.5	1750.	4.0	511.9	1.3	>50.0	10.5	1750.	4.0	316.9	1.3	>50.0	6.5	1750.	4.0
C000.	714.1	0.8	>50.0	14.5	2334.	4.0	609.4	1.3	>50.0	12.5	2334.	4.0	414.4	1.3	>50.0	8.5	2334.	4.0

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MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
75C.	0.3	0.8	0.5	0.5	51.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.3	0.8	0.5	0.5	68.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	2.0	0.3	4.0	0.5	170.	1.0	0.5	0.8	1.0	0.5	170.	1.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	11.3	0.3	8.5	1.5	340.	1.0	2.0	0.3	4.0	0.5	340.	1.0	0.5	0.8	1.0	0.5	340.	1.0
5000.	122.5	0.3	29.0	5.5	1021.	1.0	27.3	0.3	13.5	2.5	1021.	1.0	7.0	0.3	6.0	1.5	1021.	1.0
5000.	472.6	0.3	>50.0	9.5	1701.	1.0	82.3	0.3	23.5	4.5	1701.	1.0	20.0	0.3	11.0	2.5	1701.	1.0
5000.	621.9	0.3	>50.0	12.5	2382.	1.0	168.3	0.3	34.5	6.5	2382.	1.0	40.0	0.3	16.0	3.5	2382.	1.0
000C.	870.6	0.3	>50.0	17.5	3403.	1.0	472.6	0.3	>50.0	9.5	3403.	1.0	82.3	0.3	23.5	4.5	3403.	1.0
5000.	1119.4	0.3	>50.0	22.5	5104.	1.0	671.6	0.3	>50.0	13.5	5104.	1.0	191.0	0.3	37.0	6.5	5104.	1.0
0000C.	1268.6	0.3	>50.0	25.5	6805.	1.0	870.6	0.3	>50.0	17.5	6805.	1.0	472.6	0.3	>50.0	9.5	6805.	1.0

94

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	1.0	6.3	2.0	0.5	54.	6.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	20.0	3.3	16.0	1.5	107.	6.5	0.8	6.3	1.5	0.5	107.	6.5	0.0	0.0	0.0	0.0	0.	0.0
15000.	262.6	2.3	>50.0	5.5	322.	6.5	51.0	2.8	25.0	2.5	322.	6.5	11.0	4.3	10.0	1.5	322.	6.5
25000.	410.1	1.8	>50.0	8.5	536.	6.5	214.9	2.3	>50.0	4.5	536.	6.5	37.0	2.8	21.0	2.5	536.	6.5
35000.	506.6	1.8	>50.0	10.5	751.	6.5	310.4	2.3	>50.0	6.5	751.	6.5	70.0	2.8	29.0	3.5	751.	6.5
50000.	603.1	1.8	>50.0	12.5	1072.	6.5	410.1	1.8	>50.0	8.5	1072.	6.5	214.9	2.3	>50.0	4.5	1072.	6.5
75000.	651.4	1.8	>50.0	13.5	1609.	6.5	506.6	1.8	>50.0	10.5	1609.	6.5	310.4	2.3	>50.0	6.5	1609.	6.5
100000.	699.6	1.8	>50.0	14.5	2145.	6.5	603.1	1.8	>50.0	12.5	2145.	6.5	410.1	1.8	>50.0	8.5	2145.	6.5

95

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
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	0.0	0.0	0.0	0.	0.0
50.	0.3	0.3	0.5	0.5	94.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
100.	0.5	0.3	1.0	0.5	188.	0.5	0.3	0.3	0.5	0.5	188.	0.5	0.0	0.0	0.0	0.0	0.	0.0
250.	0.8	0.3	1.5	0.5	470.	0.5	0.5	0.3	1.0	0.5	470.	0.5	0.3	0.3	0.5	0.5	470.	0.5
500.	1.3	0.3	2.5	0.5	940.	0.5	0.8	0.3	1.5	0.5	940.	0.5	0.5	0.3	1.0	0.5	940.	0.5
750.	2.8	0.3	3.5	1.5	1410.	0.5	1.0	0.3	2.0	0.5	1410.	0.5	0.5	0.3	1.0	0.5	1410.	0.5
1000.	4.5	0.3	4.0	1.5	1880.	0.5	1.3	0.3	2.5	0.5	1880.	0.5	0.8	0.3	1.5	0.5	1880.	0.5
2500.	78.3	0.3	22.5	4.5	4700.	0.5	17.3	0.3	10.5	2.5	4700.	0.5	1.5	0.3	3.0	0.5	4700.	0.5
5000.	283.5	0.3	44.0	8.5	9400.	0.5	78.3	0.3	22.5	4.5	9400.	0.5	17.3	0.3	10.5	2.5	9400.	0.5
15000.	1019.9	0.3	>50.0	20.5	28200.	0.5	621.9	0.3	>50.0	12.5	28200.	0.5	167.5	0.3	33.0	6.5	28200.	0.5
25000.	1268.6	0.3	>50.0	25.5	47000.	0.5	920.4	0.3	>50.0	18.5	47000.	0.5	522.4	0.3	>50.0	10.5	47000.	0.5
35000.	1417.9	0.3	>50.0	28.5	65799.	0.5	1069.6	0.3	>50.0	21.5	65799.	0.5	671.6	0.3	>50.0	13.5	65799.	0.5

96

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
20.	0.5	0.3	1.0	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.5
50.	1.3	0.3	2.5	0.5	526.	0.5	0.8	0.3	1.5	0.5	526.	0.5	0.3	0.3	0.5	0.5	526.	0.5
100.	2.0	0.3	4.0	0.5	1053.	0.5	1.3	0.3	2.5	0.5	1053.	0.5	0.8	0.3	1.5	0.5	1053.	0.5
250.	3.8	0.3	7.5	0.5	2631.	0.5	2.3	0.3	4.5	0.5	2631.	0.5	1.5	0.3	3.0	0.5	2631.	0.5
500.	14.0	0.3	12.0	1.5	5263.	0.5	3.8	0.3	7.5	0.5	5263.	0.5	2.3	0.3	4.5	0.5	5263.	0.5
750.	21.0	0.3	16.0	1.5	7894.	0.5	10.5	0.3	10.0	1.5	7894.	0.5	3.0	0.3	6.0	0.5	7894.	0.5
1000.	36.5	0.3	20.0	2.5	10526.	0.5	14.0	0.3	12.0	1.5	10526.	0.5	3.8	0.3	7.5	0.5	10526.	0.5
2500.	148.0	0.3	44.0	4.5	26314.	0.5	48.0	0.3	24.0	2.5	26314.	0.5	18.0	0.3	14.0	1.5	26314.	0.5
5000.	373.1	0.3	>50.0	7.5	52629.	0.5	147.0	0.3	44.0	4.5	52629.	0.5	48.0	0.3	24.0	2.5	52629.	0.5
15000.	671.6	0.3	>50.0	13.5	157887.	0.5	472.6	0.3	>50.0	9.5	157887.	0.5	273.6	0.3	>50.0	5.5	157887.	0.5
25000.	771.1	0.3	>50.0	15.5	263145.	0.5	621.9	0.3	>50.0	12.5	263145.	0.5	422.9	0.3	>50.0	8.5	263145.	0.5
35000.	820.9	0.3	>50.0	16.5	368403.	0.5	671.6	0.3	>50.0	13.5	368403.	0.5	522.4	0.3	>50.0	10.5	368403.	0.5

97

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	0.0	0.0	0.0	0.	0.0
50.	0.3	0.3	0.5	0.5	79.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
100.	0.3	0.3	0.5	0.5	158.	0.5	0.3	0.3	0.5	0.5	158.	0.5	0.0	0.0	0.0	0.0	0.	0.0
250.	0.8	0.3	1.5	0.5	395.	0.5	0.5	0.3	1.0	0.5	395.	0.5	0.3	0.3	0.5	0.5	395.	0.5
500.	1.3	0.3	2.5	0.5	791.	0.5	0.8	0.3	1.5	0.5	791.	0.5	0.5	0.3	1.0	0.5	791.	0.5
750.	2.8	0.3	3.5	1.5	1186.	0.5	1.0	0.3	2.0	0.5	1186.	0.5	0.5	0.3	1.0	0.5	1186.	0.5
1000.	4.5	0.3	4.0	1.5	1581.	0.5	1.3	0.3	2.5	0.5	1581.	0.5	0.8	0.3	1.5	0.5	1581.	0.5
2500.	78.3	0.3	22.5	4.5	3953.	0.5	17.3	0.3	10.5	2.5	3953.	0.5	1.5	0.3	3.0	0.5	3953.	0.5
5000.	283.5	0.3	44.0	8.5	7905.	0.5	78.3	0.3	22.5	4.5	7905.	0.5	17.3	0.3	10.5	2.5	7905.	0.5
7500.	1019.9	0.3	>50.0	20.5	23716.	0.5	621.9	0.3	>50.0	12.5	23716.	0.5	167.5	0.3	33.0	6.5	23716.	0.5
10000.	1268.6	0.3	>50.0	25.5	39527.	0.5	920.4	0.3	>50.0	18.5	39527.	0.5	522.4	0.3	>50.0	10.5	39527.	0.5
15000.	1417.9	0.3	>50.0	28.5	55337.	0.5	1069.6	0.3	>50.0	21.5	55337.	0.5	671.6	0.3	>50.0	13.5	55337.	0.5
20000.	1517.4	0.3	>50.0	30.5	79053.	0.5	1268.6	0.3	>50.0	25.5	79053.	0.5	920.4	0.3	>50.0	18.5	79053.	0.5

98

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	0.0	0.0	0.0	0.	0.0
50.	1.0	0.3	2.0	0.5	113.	0.5	0.3	0.3	0.5	0.5	113.	0.5	0.0	0.0	0.0	0.0	0.	0.0
100.	1.8	0.3	3.5	0.5	226.	0.5	1.0	0.3	2.0	0.5	226.	0.5	0.3	0.3	0.5	0.5	226.	0.5
250.	3.5	0.3	7.0	0.5	566.	0.5	2.3	0.3	4.5	0.5	566.	0.5	1.3	0.3	2.5	0.5	566.	0.5
500.	14.0	0.3	12.0	1.5	1131.	0.5	3.5	0.3	7.0	0.5	1131.	0.5	2.3	0.3	4.5	0.5	1131.	0.5
750.	21.0	0.3	16.0	1.5	1697.	0.5	9.5	0.3	9.0	1.5	1697.	0.5	3.0	0.3	6.0	0.5	1697.	0.5
1000.	36.0	0.3	20.0	2.5	2262.	0.5	14.0	0.3	12.0	1.5	2262.	0.5	3.5	0.3	7.0	0.5	2262.	0.5
2500.	151.3	0.3	44.5	4.5	5655.	0.5	48.3	0.3	24.5	2.5	5655.	0.5	17.0	0.3	14.0	1.5	5655.	0.5
5000.	373.1	0.3	>50.0	7.5	11310.	0.5	150.8	0.3	44.5	4.5	11310.	0.5	48.3	0.3	24.5	2.5	11310.	0.5
7500.	671.6	0.3	>50.0	13.5	33931.	0.5	472.6	0.3	>50.0	9.5	33931.	0.5	323.4	0.3	>50.0	6.5	33931.	0.5
10000.	771.1	0.3	>50.0	15.5	56552.	0.5	621.9	0.3	>50.0	12.5	56552.	0.5	422.9	0.3	>50.0	8.5	56552.	0.5
15000.	820.9	0.3	>50.0	16.5	79173.	0.5	671.6	0.3	>50.0	13.5	79173.	0.5	522.4	0.3	>50.0	10.5	79173.	0.5
20000.	870.6	0.3	>50.0	17.5	113104.	0.5	771.1	0.3	>50.0	15.5	113104.	0.5	621.9	0.3	>50.0	12.5	113104.	0.5

99

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
100.	0.3	0.3	0.5	0.5	89.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	0.8	0.3	1.5	0.5	222.	0.5	0.5	0.3	1.0	0.5	222.	0.5	0.3	0.3	0.5	0.5	222.	0.5
500.	1.3	0.3	2.5	0.5	444.	0.5	0.8	0.3	1.5	0.5	444.	0.5	0.5	0.3	1.0	0.5	444.	0.5
750.	2.8	0.3	3.5	1.5	665.	0.5	1.0	0.3	2.0	0.5	665.	0.5	0.5	0.3	1.0	0.5	665.	0.5
1000.	10.3	0.3	8.5	1.5	887.	0.5	1.3	0.3	2.5	0.5	887.	0.5	0.8	0.3	1.5	0.5	887.	0.5
2500.	78.8	0.3	22.5	4.5	2218.	0.5	18.3	0.3	10.5	2.5	2218.	0.5	1.5	0.3	3.0	0.5	2218.	0.5
5000.	284.0	0.3	44.0	8.5	4436.	0.5	78.8	0.3	22.5	4.5	4436.	0.5	18.3	0.3	10.5	2.5	4436.	0.5
7500.	1019.9	0.3	>50.0	20.5	13309.	0.5	621.9	0.3	>50.0	12.5	13309.	0.5	168.0	0.3	33.0	6.5	13309.	0.5
10000.	1268.6	0.3	>50.0	25.5	22182.	0.5	920.4	0.3	>50.0	18.5	22182.	0.5	522.4	0.3	>50.0	10.5	22182.	0.5
15000.	1417.9	0.3	>50.0	28.5	31055.	0.5	1069.6	0.3	>50.0	21.5	31055.	0.5	671.6	0.3	>50.0	13.5	31055.	0.5
20000.	1517.4	0.3	>50.0	30.5	44364.	0.5	1268.6	0.3	>50.0	25.5	44364.	0.5	920.4	0.3	>50.0	18.5	44364.	0.5

100

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	2.8	0.8	5.5	0.5	115.	2.0	1.0	1.3	2.0	0.5	115.	2.0	0.0	0.0	0.0	0.0	0.	0.0
500.	10.0	0.8	10.0	1.5	230.	2.0	2.8	0.8	5.5	0.5	230.	2.0	1.0	1.3	2.0	0.5	230.	2.0
750.	19.0	0.8	15.0	1.5	345.	2.0	4.0	0.8	8.0	0.5	345.	2.0	1.8	1.3	3.5	0.5	345.	2.0
1000.	30.0	0.8	19.0	2.5	460.	2.0	10.0	0.8	10.0	1.5	460.	2.0	2.8	0.8	5.5	0.5	460.	2.0
2500.	154.3	0.8	45.5	4.5	1151.	2.0	46.0	0.8	24.0	2.5	1151.	2.0	14.8	0.8	12.5	1.5	1151.	2.0
5000.	373.1	0.3	>50.0	7.5	2301.	2.0	154.3	0.8	45.5	4.5	2301.	2.0	46.0	0.8	24.0	2.5	2301.	2.0
15000.	671.6	0.3	>50.0	13.5	6904.	2.0	522.4	0.3	>50.0	10.5	6904.	2.0	323.4	0.3	>50.0	6.5	6904.	2.0
25000.	771.1	0.3	>50.0	15.5	11507.	2.0	621.9	0.3	>50.0	12.5	11507.	2.0	472.6	0.3	>50.0	9.5	11507.	2.0
35000.	820.9	0.3	>50.0	16.5	16110.	2.0	671.6	0.3	>50.0	13.5	16110.	2.0	522.4	0.3	>50.0	10.5	16110.	2.0
50000.	870.6	0.3	>50.0	17.5	23015.	2.0	771.1	0.3	>50.0	15.5	23015.	2.0	621.9	0.3	>50.0	12.5	23015.	2.0

101

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.8	0.3	1.5	0.5	95.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	1.3	0.3	2.5	0.5	190.	0.5	0.8	0.3	1.5	0.5	190.	0.5	0.0	0.0	0.0	0.0	0.	0.0
750.	2.8	0.3	3.5	1.5	285.	0.5	1.0	0.3	2.0	0.5	285.	0.5	0.5	0.3	1.0	0.5	285.	0.5
1000.	10.3	0.3	8.5	1.5	380.	0.5	1.3	0.3	2.5	0.5	380.	0.5	0.8	0.3	1.5	0.5	380.	0.5
2500.	78.8	0.3	22.5	4.5	949.	0.5	18.3	0.3	10.5	2.5	949.	0.5	1.5	0.3	3.0	0.5	949.	0.5
5000.	284.5	0.3	44.0	8.5	1898.	0.5	78.8	0.3	22.5	4.5	1898.	0.5	18.3	0.3	10.5	2.5	1898.	0.5
15000.	1019.9	0.3	>50.0	20.5	5694.	0.5	621.9	0.3	>50.0	12.5	5694.	0.5	168.0	0.3	33.0	6.5	5694.	0.5
25000.	1268.6	0.3	>50.0	25.5	9490.	0.5	920.4	0.3	>50.0	18.5	9490.	0.5	522.4	0.3	>50.0	10.5	9490.	0.5
35000.	1417.9	0.3	>50.0	28.5	13286.	0.5	1069.6	0.3	>50.0	21.5	13286.	0.5	671.6	0.3	>50.0	13.5	13286.	0.5
50000.	1517.4	0.3	>50.0	30.5	18980.	0.5	1268.6	0.3	>50.0	25.5	18980.	0.5	920.4	0.3	>50.0	18.5	18980.	0.5
75000.	1666.6	0.3	>50.0	33.5	28469.	0.5	1417.9	0.3	>50.0	28.5	28469.	0.5	1119.4	0.3	>50.0	22.5	28469.	0.5
100000.	1766.1	0.3	>50.0	35.5	37959.	0.5	1517.4	0.3	>50.0	30.5	37959.	0.5	1268.6	0.3	>50.0	25.5	37959.	0.5

102

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	3.3	2.3	6.5	0.5	83.	4.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	14.3	1.8	12.5	1.5	124.	4.0	2.3	2.3	4.5	0.5	124.	4.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	23.0	1.8	18.0	1.5	165.	4.0	3.3	2.3	6.5	0.5	165.	4.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	155.0	1.3	46.0	4.5	413.	4.0	41.5	1.3	23.0	2.5	413.	4.0	8.3	1.8	9.5	1.5	413.	4.0
5000.	414.4	1.3	>50.0	8.5	826.	4.0	154.5	1.3	46.0	4.5	826.	4.0	41.5	1.3	23.0	2.5	826.	4.0
15000.	664.9	0.8	>50.0	13.5	2478.	4.0	517.1	0.8	>50.0	10.5	2478.	4.0	316.9	1.3	>50.0	6.5	2478.	4.0
25000.	763.4	0.8	>50.0	15.5	4131.	4.0	615.6	0.8	>50.0	12.5	4131.	4.0	467.9	0.8	>50.0	9.5	4131.	4.0
35000.	812.6	0.8	>50.0	16.5	5783.	4.0	664.9	0.8	>50.0	13.5	5783.	4.0	566.4	0.8	>50.0	11.5	5783.	4.0
50000.	861.9	0.8	>50.0	17.5	8261.	4.0	763.4	0.8	>50.0	15.5	8261.	4.0	615.6	0.8	>50.0	12.5	8261.	4.0
75000.	911.1	0.8	>50.0	18.5	12392.	4.0	812.6	0.8	>50.0	16.5	12392.	4.0	714.1	0.8	>50.0	14.5	12392.	4.0
100000.	960.4	0.8	>50.0	19.5	16523.	4.0	861.9	0.8	>50.0	17.5	16523.	4.0	763.4	0.8	>50.0	15.5	16523.	4.0

103

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.5	0.8	1.0	0.5	70.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	1.3	0.3	2.5	0.5	141.	1.0	0.5	0.8	1.0	0.5	141.	1.0	0.0	0.0	0.0	0.0	0.	0.0
750.	5.5	0.3	6.0	1.5	211.	1.0	1.0	0.3	2.0	0.5	211.	1.0	0.3	0.8	0.5	0.5	211.	1.0
1000.	10.8	0.3	8.5	1.5	282.	1.0	1.3	0.3	2.5	0.5	282.	1.0	0.5	0.8	1.0	0.5	282.	1.0
2500.	78.8	0.3	22.5	4.5	705.	1.0	18.8	0.3	10.5	2.5	705.	1.0	1.5	0.3	3.0	0.5	705.	1.0
5000.	285.0	0.3	44.0	8.5	1409.	1.0	78.8	0.3	22.5	4.5	1409.	1.0	18.8	0.3	10.5	2.5	1409.	1.0
15000.	1019.9	0.3	>50.0	20.5	4228.	1.0	621.9	0.3	>50.0	12.5	4228.	1.0	168.5	0.3	33.0	6.5	4228.	1.0
2500C.	1268.6	0.3	>5C.0	25.5	7046.	1.0	920.4	0.3	>50.0	18.5	7046.	1.0	522.4	0.3	>50.0	10.5	7046.	1.0
35000.	1417.9	0.3	>50.0	28.5	9864.	1.0	1069.6	0.3	>50.0	21.5	9864.	1.0	671.6	0.3	>50.0	13.5	9864.	1.0
50000.	1517.4	0.3	>50.0	30.5	14092.	1.0	1268.6	0.3	>50.0	25.5	14092.	1.0	920.4	0.3	>50.0	18.5	14092.	1.0
75000.	1666.6	0.3	>50.0	33.5	21138.	1.0	1417.9	0.3	>50.0	28.5	21138.	1.0	1119.4	0.3	>50.0	22.5	21138.	1.0
100000.	1766.1	0.3	>5C.0	35.5	28184.	1.0	1517.4	0.3	>50.0	30.5	28184.	1.0	1268.6	0.3	>50.0	25.5	28184.	1.0

104

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.C	C.0	0.C	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.C	0.C	C.0	0.C	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	3.5	4.3	7.0	0.5	62.	6.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	16.8	3.3	14.5	1.5	82.	6.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250C.	154.0	2.3	46.0	4.5	206.	6.5	28.0	2.8	21.0	1.5	206.	6.5	1.3	5.3	2.5	0.5	206.	6.5
5000.	410.1	1.8	>5C.C	8.5	412.	6.5	152.8	2.3	45.5	4.5	412.	6.5	28.0	2.8	21.0	1.5	412.	6.5
15000.	651.4	1.8	>5C.0	13.5	1236.	6.5	506.6	1.8	>50.C	10.5	1236.	6.5	310.4	2.3	>50.0	6.5	1236.	6.5
25000.	755.6	1.3	>50.0	15.5	2060.	6.5	603.1	1.8	>50.0	12.5	2060.	6.5	458.4	1.8	>50.0	9.5	2060.	6.5
35000.	804.4	1.3	>50.0	16.5	2884.	6.5	699.6	1.8	>50.0	14.5	2884.	6.5	554.9	1.8	>50.0	11.5	2884.	6.5
5000C.	853.1	1.3	>5C.0	17.5	4119.	6.5	755.6	1.3	>50.0	15.5	4119.	6.5	603.1	1.8	>50.0	12.5	4119.	6.5
75000.	901.9	1.3	>50.C	18.5	6179.	6.5	804.4	1.3	>50.0	16.5	6179.	6.5	699.6	1.8	>50.0	14.5	6179.	6.5
1000CC.	950.6	1.3	>50.0	19.5	8239.	6.5	853.1	1.3	>50.0	17.5	8239.	6.5	755.6	1.3	>50.0	15.5	8239.	6.5

105

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 1500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.C	C.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
50C.	0.0	0.C	C.0	0.C	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.C	C.0	0.C	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	2.8	9.8	5.5	0.5	52.	12.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	148.3	4.8	43.5	4.5	121.	12.0	20.3	6.8	16.5	1.5	131.	12.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	388.9	4.3	>50.0	8.5	262.	12.0	147.8	4.8	43.5	4.5	262.	12.0	20.3	6.8	16.5	1.5	262.	12.0
15000.	631.1	3.3	>50.0	13.5	787.	12.0	485.6	3.8	>50.0	10.5	787.	12.0	297.4	4.3	>50.0	6.5	787.	12.0
25000.	732.4	2.8	>5C.0	15.5	1312.	12.0	584.4	3.3	>50.0	12.5	1312.	12.0	439.4	3.8	>50.0	9.5	1312.	12.0
35000.	779.6	2.8	>50.0	16.5	1836.	12.0	677.9	3.3	>50.0	14.5	1836.	12.0	531.9	3.8	>50.0	11.5	1836.	12.0
5000C.	826.9	2.8	>5C.0	17.5	2624.	12.0	732.4	2.8	>50.0	15.5	2624.	12.0	584.4	3.3	>50.0	12.5	2624.	12.0
7500C.	874.1	2.8	>5C.0	18.5	3935.	12.0	779.6	2.8	>50.0	16.5	3935.	12.0	677.9	3.3	>50.0	14.5	3935.	12.0
10000C.	931.1	2.3	>50.0	19.5	5247.	12.0	826.9	2.8	>50.0	17.5	5247.	12.0	732.4	2.8	>50.0	15.5	5247.	12.0

106

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
100.	0.3	0.3	0.5	0.5	76.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	0.3	0.3	0.5	0.5	189.	0.5	0.3	0.3	0.5	0.5	189.	0.5	0.0	0.0	0.0	0.0	0.	0.0
500.	0.5	0.3	1.0	0.5	378.	0.5	0.3	0.3	0.5	0.5	378.	0.5	0.3	0.3	0.5	0.5	378.	0.5
750.	0.8	0.3	1.5	0.5	567.	0.5	0.5	0.3	1.0	0.5	567.	0.5	0.3	0.3	0.5	0.5	567.	0.5
1000.	1.3	0.3	2.5	0.5	755.	0.5	0.5	0.3	1.0	0.5	755.	0.5	0.3	0.3	0.5	0.5	755.	0.5
2500.	11.3	0.3	8.5	1.5	1889.	0.5	1.5	0.3	3.0	0.5	1889.	0.5	0.8	0.3	1.5	0.5	1889.	0.5
5000.	51.8	0.3	18.5	3.5	3777.	0.5	11.3	0.3	8.5	1.5	3777.	0.5	1.5	0.3	3.0	0.5	3777.	0.5
15000.	572.1	0.3	>50.0	11.5	11331.	0.5	121.0	0.3	29.0	5.5	11331.	0.5	26.8	0.3	13.5	2.5	11331.	0.5
25000.	870.6	0.3	>50.0	17.5	18885.	0.5	472.6	0.3	>50.0	9.5	18885.	0.5	82.3	0.3	23.5	4.5	18885.	0.5
35000.	1069.6	0.3	>50.0	21.5	26439.	0.5	621.9	0.3	>50.0	12.5	26439.	0.5	167.8	0.3	34.5	6.5	26439.	0.5

107

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
20.	0.3	0.3	0.5	0.5	85.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
50.	0.5	0.3	1.0	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.5
100.	1.0	0.3	2.0	0.5	423.	0.5	0.5	0.3	1.0	0.5	423.	0.5	0.3	0.3	0.5	0.5	423.	0.5
250.	2.0	0.3	4.0	0.5	1057.	0.5	1.3	0.3	2.5	0.5	1057.	0.5	0.8	0.3	1.5	0.5	1057.	0.5
500.	3.3	0.3	6.5	0.5	2115.	0.5	2.0	0.3	4.0	0.5	2115.	0.5	1.3	0.3	2.5	0.5	2115.	0.5
750.	7.8	0.3	8.5	1.5	3172.	0.5	2.8	0.3	5.5	0.5	3172.	0.5	1.5	0.3	3.0	0.5	3172.	0.5
1000.	11.8	0.3	10.5	1.5	4229.	0.5	3.3	0.3	6.5	0.5	4229.	0.5	2.0	0.3	4.0	0.5	4229.	0.5
2500.	37.3	0.3	20.5	2.5	10574.	0.5	14.8	0.3	12.5	1.5	10574.	0.5	3.8	0.3	7.5	0.5	10574.	0.5
5000.	94.0	0.3	34.0	3.5	21147.	0.5	37.0	0.3	20.0	2.5	21147.	0.5	14.8	0.3	12.5	1.5	21147.	0.5
15000.	472.6	0.3	>50.0	9.5	63441.	0.5	273.6	0.3	>50.0	5.5	63441.	0.5	61.8	0.3	27.5	3.5	63441.	0.5
2500C.	621.9	0.3	>50.0	12.5	105735.	0.5	422.9	0.3	>50.0	8.5	105735.	0.5	223.9	0.3	>50.0	4.5	105735.	0.5
35000.	671.6	0.3	>50.0	13.5	148029.	0.5	522.4	0.3	>50.0	10.5	148029.	0.5	323.4	0.3	>50.0	6.5	148029.	0.5

108

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
100.	0.3	0.3	0.5	0.5	65.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	0.3	0.3	0.5	0.5	162.	0.5	0.3	0.3	0.5	0.5	162.	0.5	0.0	0.0	0.0	0.0	0.	0.0
500.	0.5	0.3	1.0	0.5	324.	0.5	0.3	0.3	0.5	0.5	324.	0.5	0.3	0.3	0.5	0.5	324.	0.5
750.	0.8	0.3	1.5	0.5	487.	0.5	0.5	0.3	1.0	0.5	487.	0.5	0.3	0.3	0.5	0.5	487.	0.5
1000.	1.3	0.3	2.5	0.5	649.	0.5	0.5	0.3	1.0	0.5	649.	0.5	0.3	0.3	0.5	0.5	649.	0.5
2500.	11.3	0.3	8.5	1.5	1622.	0.5	1.5	0.3	3.0	0.5	1622.	0.5	0.8	0.3	1.5	0.5	1622.	0.5
5000.	51.8	0.3	18.5	3.5	3244.	0.5	11.3	0.3	8.5	1.5	3244.	0.5	1.5	0.3	3.0	0.5	3244.	0.5
15000.	572.1	0.3	>50.0	11.5	9732.	0.5	121.0	0.3	29.0	5.5	9732.	0.5	26.8	0.3	13.5	2.5	9732.	0.5
25000.	870.6	0.3	>50.0	17.5	16220.	0.5	472.6	0.3	>50.0	9.5	16220.	0.5	82.3	0.3	23.5	4.5	16220.	0.5
35000.	1069.6	0.3	>50.0	21.5	22708.	0.5	621.9	0.3	>50.0	12.5	22708.	0.5	167.8	0.3	34.5	6.5	22708.	0.5
5000C.	1268.6	0.3	>50.0	25.5	32440.	0.5	870.6	0.3	>50.0	17.5	32440.	0.5	472.6	0.3	>50.0	9.5	32440.	0.5

109

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
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	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
100.	0.8	0.3	1.5	0.5	90.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	1.8	0.3	3.5	0.5	226.	1.0	1.0	0.3	2.0	0.5	226.	1.0	0.5	0.3	1.0	0.5	226.	1.0
500.	3.0	0.3	6.0	0.5	452.	1.0	1.8	0.3	3.5	0.5	452.	1.0	1.0	0.3	2.0	0.5	452.	1.0
750.	5.8	0.3	8.5	1.5	678.	1.0	2.5	0.3	5.0	0.5	678.	1.0	1.5	0.3	3.0	0.5	678.	1.0
1000.	10.5	0.3	10.0	1.5	904.	1.0	3.0	0.3	6.0	0.5	904.	1.0	1.8	0.3	3.5	0.5	904.	1.0
2500.	36.5	0.3	20.0	2.5	2261.	1.0	14.0	0.3	12.0	1.5	2261.	1.0	3.5	0.3	7.0	0.5	2261.	1.0
5000.	108.8	0.3	39.5	3.5	4521.	1.0	36.5	0.3	20.0	2.5	4521.	1.0	14.0	0.3	12.0	1.5	4521.	1.0
15000.	472.6	0.3	>50.0	9.5	13564.	1.0	273.6	0.3	>50.0	5.5	13564.	1.0	57.8	0.3	27.5	2.5	13564.	1.0
25000.	621.9	0.3	>50.0	12.5	22607.	1.0	422.9	0.3	>50.0	8.5	22607.	1.0	223.9	0.3	>50.0	4.5	22607.	1.0
35000.	671.6	0.3	>50.0	13.5	31650.	1.0	522.4	0.3	>50.0	10.5	31650.	1.0	323.4	0.3	>50.0	6.5	31650.	1.0
50000.	721.4	0.3	>50.0	14.5	45214.	1.0	621.9	0.3	>50.0	12.5	45214.	1.0	422.9	0.3	>50.0	8.5	45214.	1.0

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MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	0.3	0.3	0.5	0.5	94.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.5	0.3	1.0	0.5	188.	0.5	0.3	0.3	0.5	0.5	188.	0.5	0.0	0.0	0.0	0.0	0.	0.0
750.	0.8	0.3	1.5	0.5	283.	0.5	0.5	0.3	1.0	0.5	283.	0.5	0.3	0.3	0.5	0.5	283.	0.5
1000.	1.3	0.3	2.5	0.5	377.	0.5	0.5	0.3	1.0	0.5	377.	0.5	0.3	0.3	0.5	0.5	377.	0.5
2500.	11.3	0.3	8.5	1.5	942.	0.5	1.8	0.3	3.5	0.5	942.	0.5	0.8	0.3	1.5	0.5	942.	0.5
5000.	51.8	0.3	18.5	3.5	1884.	0.5	11.3	0.3	8.5	1.5	1884.	0.5	1.8	0.3	3.5	0.5	1884.	0.5
15000.	572.1	0.3	>50.0	11.5	5652.	0.5	122.0	0.3	29.0	5.5	5652.	0.5	26.8	0.3	13.5	2.5	5652.	0.5
25000.	870.6	0.3	>50.0	17.5	9421.	0.5	472.6	0.3	>50.0	9.5	9421.	0.5	82.3	0.3	23.5	4.5	9421.	0.5
35000.	1069.6	0.3	>50.0	21.5	13189.	0.5	621.9	0.3	>50.0	12.5	13189.	0.5	168.3	0.3	34.5	6.5	13189.	0.5
50000.	1268.6	0.3	>50.0	25.5	18841.	0.5	870.6	0.3	>50.0	17.5	18841.	0.5	472.6	0.3	>50.0	9.5	18841.	0.5

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MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	2.3	0.8	4.5	0.5	92.	2.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	3.3	0.8	6.5	0.5	138.	2.0	1.3	1.3	2.5	0.5	138.	2.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	6.3	0.8	8.5	1.5	184.	2.0	2.3	0.8	4.5	0.5	184.	2.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	31.0	0.8	19.0	2.5	461.	2.0	10.8	0.8	10.5	1.5	461.	2.0	2.8	0.8	5.5	0.5	461.	2.0
5000.	111.8	0.8	39.5	3.5	922.	2.0	31.0	0.8	19.0	2.5	922.	2.0	10.8	0.8	10.5	1.5	922.	2.0
15000.	472.6	0.3	>50.0	9.5	2765.	2.0	270.9	0.8	>50.0	5.5	2765.	2.0	59.8	0.8	29.5	2.5	2765.	2.0
25000.	621.9	0.3	>50.0	12.5	4609.	2.0	418.6	0.8	>50.0	8.5	4609.	2.0	221.6	0.8	>50.0	4.5	4609.	2.0
35000.	671.6	0.3	>50.0	13.5	6452.	2.0	522.4	0.3	>50.0	10.5	6452.	2.0	320.1	0.8	>50.0	6.5	6452.	2.0
50000.	721.4	0.3	>50.0	14.5	9218.	2.0	621.9	0.3	>50.0	12.5	9218.	2.0	418.6	0.8	>50.0	8.5	9218.	2.0

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MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSC2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.5	0.3	1.0	0.5	76.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	1.0	0.3	2.0	0.5	114.	0.5	0.5	0.3	1.0	0.5	114.	0.5	0.0	0.0	0.0	0.0	0.	0.0
1000.	1.3	0.3	2.5	0.5	152.	0.5	0.5	0.3	1.0	0.5	152.	0.5	0.0	0.0	0.0	0.0	0.	0.0
2500.	11.3	0.3	8.5	1.5	381.	0.5	1.8	0.3	3.5	0.5	381.	0.5	0.8	0.3	1.5	0.5	381.	0.5
5000.	50.8	0.3	18.5	3.5	762.	0.5	11.3	0.3	8.5	1.5	762.	0.5	1.8	0.3	3.5	0.5	762.	0.5
15000.	572.1	0.3	>50.0	11.5	2285.	0.5	122.0	0.3	29.0	5.5	2285.	0.5	26.8	0.3	13.5	2.5	2285.	0.5
25000.	870.6	0.3	>50.0	17.5	3809.	0.5	472.6	0.3	>50.0	9.5	3809.	0.5	82.3	0.3	23.5	4.5	3809.	0.5
35000.	1069.6	0.3	>50.0	21.5	5333.	0.5	621.9	0.3	>50.0	12.5	5333.	0.5	168.3	0.3	34.5	6.5	5333.	0.5
50000.	1268.6	0.3	>50.0	25.5	7618.	0.5	870.6	0.3	>50.0	17.5	7618.	0.5	472.6	0.3	>50.0	9.5	7618.	0.5
75000.	1417.9	0.3	>50.0	28.5	11427.	0.5	1119.4	0.3	>50.0	22.5	11427.	0.5	671.6	0.3	>50.0	13.5	11427.	0.5
100000.	1517.4	0.3	>50.0	30.5	15236.	0.5	1268.6	0.3	>50.0	25.5	15236.	0.5	870.6	0.3	>50.0	17.5	15236.	0.5

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MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	2.5	2.3	5.0	0.5	66.	4.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	21.8	1.8	16.5	1.5	165.	4.0	3.5	2.3	7.0	0.5	165.	4.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	107.5	1.3	35.0	3.5	331.	4.0	21.8	1.8	16.5	1.5	331.	4.0	3.5	2.3	7.0	0.5	331.	4.0
15000.	463.1	1.3	>50.0	9.5	992.	4.0	268.1	1.3	>50.0	5.5	992.	4.0	60.0	1.3	29.0	2.5	992.	4.0
25000.	566.4	0.8	>50.0	11.5	1654.	4.0	414.4	1.3	>50.0	8.5	1654.	4.0	219.4	1.3	>50.0	4.5	1654.	4.0
35000.	664.9	0.8	>50.0	13.5	2316.	4.0	511.9	1.3	>50.0	10.5	2316.	4.0	316.9	1.3	>50.0	6.5	2316.	4.0
50000.	714.1	0.8	>50.0	14.5	3308.	4.0	566.4	0.8	>50.0	11.5	3308.	4.0	414.4	1.3	>50.0	8.5	3308.	4.0
75000.	812.6	0.8	>50.0	16.5	4962.	4.0	664.9	0.8	>50.0	13.5	4962.	4.0	511.9	1.3	>50.0	10.5	4962.	4.0
100000.	812.6	0.8	>50.0	16.5	6617.	4.0	714.1	0.8	>50.0	14.5	6617.	4.0	566.4	0.8	>50.0	11.5	6617.	4.0

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MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSC2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.3	0.8	0.5	0.5	54.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.8	0.8	1.5	0.5	82.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	1.0	0.8	2.0	0.5	109.	1.0	0.3	0.8	0.5	0.5	109.	1.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	11.3	0.3	8.5	1.5	272.	1.0	1.5	0.3	3.0	0.5	272.	1.0	0.5	0.8	1.0	0.5	272.	1.0
5000.	50.8	0.3	18.5	3.5	544.	1.0	11.3	0.3	8.5	1.5	544.	1.0	1.5	0.3	3.0	0.5	544.	1.0
15000.	572.1	0.3	>50.0	11.5	1633.	1.0	122.0	0.3	29.0	5.5	1633.	1.0	26.8	0.3	13.5	2.5	1633.	1.0
25000.	870.6	0.3	>50.0	17.5	2722.	1.0	472.6	0.3	>50.0	9.5	2722.	1.0	81.8	0.3	23.5	4.5	2722.	1.0
35000.	1069.6	0.3	>50.0	21.5	3811.	1.0	621.9	0.3	>50.0	12.5	3811.	1.0	168.3	0.3	34.5	6.5	3811.	1.0
50000.	1268.6	0.3	>50.0	25.5	5444.	1.0	870.6	0.3	>50.0	17.5	5444.	1.0	472.6	0.3	>50.0	9.5	5444.	1.0
75000.	1417.5	0.3	>50.0	28.5	8166.	1.0	1119.4	0.3	>50.0	22.5	8166.	1.0	671.6	0.3	>50.0	13.5	8166.	1.0
100000.	1517.4	0.3	>50.0	30.5	10889.	1.0	1268.6	0.3	>50.0	25.5	10889.	1.0	870.6	0.3	>50.0	17.5	10889.	1.0

115

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	14.5	3.3	13.0	1.5	82.	6.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	101.8	2.3	38.5	3.5	163.	6.5	14.5	3.3	13.0	1.5	163.	6.5	0.0	0.0	0.0	0.0	0.	0.0
15000.	458.4	1.8	>50.0	9.5	490.	6.5	262.6	2.3	>50.0	5.5	490.	6.5	53.8	2.8	27.5	2.5	490.	6.5
25000.	603.1	1.8	>50.0	12.5	816.	6.5	410.1	1.8	>50.0	8.5	816.	6.5	214.9	2.3	>50.0	4.5	816.	6.5
35000.	651.4	1.8	>50.0	13.5	1142.	6.5	506.6	1.8	>50.0	10.5	1142.	6.5	310.4	2.3	>50.0	6.5	1142.	6.5
50000.	699.6	1.8	>50.0	14.5	1632.	6.5	554.9	1.8	>50.0	11.5	1632.	6.5	410.1	1.8	>50.0	8.5	1632.	6.5
75000.	804.4	1.3	>50.0	16.5	2448.	6.5	651.4	1.8	>50.0	13.5	2448.	6.5	506.6	1.8	>50.0	10.5	2448.	6.5
100000.	804.4	1.3	>50.0	16.5	3264.	6.5	699.6	1.8	>50.0	14.5	3264.	6.5	554.9	1.8	>50.0	11.5	3264.	6.5

116

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 1500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	2.5	11.8	5.0	0.5	53.	12.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	93.3	6.3	34.5	3.5	107.	12.0	2.3	11.8	4.5	0.5	107.	12.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	434.6	4.3	>50.0	9.5	321.	12.0	246.1	5.3	>50.0	5.5	321.	12.0	41.5	7.8	22.0	2.5	321.	12.0
25000.	531.9	3.8	>50.0	11.5	535.	12.0	388.9	4.3	>50.0	8.5	535.	12.0	199.1	5.8	>50.0	4.5	535.	12.0
35000.	624.4	3.8	>50.0	13.5	749.	12.0	480.4	4.3	>50.0	10.5	749.	12.0	294.1	4.8	>50.0	6.5	749.	12.0
50000.	677.9	3.3	>50.0	14.5	1070.	12.0	531.9	3.8	>50.0	11.5	1070.	12.0	388.9	4.3	>50.0	8.5	1070.	12.0
75000.	771.4	3.3	>50.0	16.5	1605.	12.0	631.1	3.3	>50.0	13.5	1605.	12.0	480.4	4.3	>50.0	10.5	1605.	12.0
100000.	779.6	2.8	>50.0	16.5	2140.	12.0	677.9	3.3	>50.0	14.5	2140.	12.0	531.9	3.8	>50.0	11.5	2140.	12.0

117

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
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	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.	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	0.3	0.3	0.5	0.5	94.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.3	0.3	0.5	0.5	189.	0.5	0.3	0.3	0.5	0.5	189.	0.5	0.0	0.0	0.0	0.0	0.	0.0
750.	0.5	0.3	1.0	0.5	283.	0.5	0.3	0.3	0.5	0.5	283.	0.5	0.3	0.3	0.5	0.5	283.	0.5
1000.	0.5	0.3	1.0	0.5	378.	0.5	0.3	0.3	0.5	0.5	378.	0.5	0.3	0.3	0.5	0.5	378.	0.5
2500.	1.5	0.3	3.0	0.5	944.	0.5	0.8	0.3	1.5	0.5	944.	0.5	0.5	0.3	1.0	0.5	944.	0.5
5000.	11.3	0.3	8.5	1.5	1889.	0.5	1.5	0.3	3.0	0.5	1889.	0.5	0.8	0.3	1.5	0.5	1889.	0.5
15000.	121.5	0.3	29.0	5.5	5666.	0.5	26.8	0.3	13.5	2.5	5666.	0.5	5.5	0.3	6.0	1.5	5666.	0.5
25000.	472.6	0.3	>50.0	9.5	9443.	0.5	82.3	0.3	23.5	4.5	9443.	0.5	19.0	0.3	11.0	2.5	9443.	0.5
35000.	621.9	0.3	>50.0	12.5	13220.	0.5	167.8	0.3	34.5	6.5	13220.	0.5	40.0	0.3	16.0	3.5	13220.	0.5

118

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	0.0	0.0	0.0	0.	0.0
50.	0.3	0.3	0.5	0.5	106.	0.5	0.3	0.3	0.5	0.5	106.	0.5	0.0	0.0	0.0	0.0	0.	0.0
100.	0.5	0.3	1.0	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.5
250.	1.3	0.3	2.5	0.5	529.	0.5	0.8	0.3	1.5	0.5	529.	0.5	0.5	0.3	1.0	0.5	529.	0.5
500.	2.0	0.3	4.0	0.5	1057.	0.5	1.3	0.3	2.5	0.5	1057.	0.5	0.8	0.3	1.5	0.5	1057.	0.5
750.	2.8	0.3	5.5	0.5	1586.	0.5	1.5	0.3	3.0	0.5	1586.	0.5	1.0	0.3	2.0	0.5	1586.	0.5
1000.	3.3	0.3	6.5	0.5	2115.	0.5	2.0	0.3	4.0	0.5	2115.	0.5	1.3	0.3	2.5	0.5	2115.	0.5
2500.	14.8	0.3	12.5	1.5	5287.	0.5	3.8	0.3	7.5	0.5	5287.	0.5	2.3	0.3	4.5	0.5	5287.	0.5
5000.	37.3	0.3	20.5	2.5	10574.	0.5	14.8	0.3	12.5	1.5	10574.	0.5	3.8	0.3	7.5	0.5	10574.	0.5
15000.	273.6	0.3	>50.0	5.5	31721.	0.5	61.8	0.3	27.5	3.5	31721.	0.5	21.8	0.3	16.5	1.5	31721.	0.5
25000.	422.9	0.3	>50.0	8.5	52868.	0.5	223.9	0.3	>50.0	4.5	52868.	0.5	47.5	0.3	24.0	2.5	52868.	0.5
35000.	522.4	0.3	>50.0	10.5	74015.	0.5	323.4	0.3	>50.0	6.5	74015.	0.5	80.0	0.3	31.0	3.5	74015.	0.5

119

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	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.	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	0.3	0.3	0.5	0.5	81.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.3	0.3	0.5	0.5	162.	0.5	0.3	0.3	0.5	0.5	162.	0.5	0.0	0.0	0.0	0.0	0.	0.0
750.	0.5	0.3	1.0	0.5	243.	0.5	0.3	0.3	0.5	0.5	243.	0.5	0.3	0.3	0.5	0.5	243.	0.5
1000.	0.5	0.3	1.0	0.5	324.	0.5	0.3	0.3	0.5	0.5	324.	0.5	0.3	0.3	0.5	0.5	324.	0.5
2500.	1.8	0.3	3.5	0.5	811.	0.5	0.8	0.3	1.5	0.5	811.	0.5	0.5	0.3	1.0	0.5	811.	0.5
5000.	11.3	0.3	8.5	1.5	1622.	0.5	1.5	0.3	3.0	0.5	1622.	0.5	0.8	0.3	1.5	0.5	1622.	0.5
15000.	121.5	0.3	29.0	5.5	4866.	0.5	26.8	0.3	13.5	2.5	4866.	0.5	5.5	0.3	6.0	1.5	4866.	0.5
25000.	472.6	0.3	>50.0	9.5	8110.	0.5	82.3	0.3	23.5	4.5	8110.	0.5	19.0	0.3	11.0	2.5	8110.	0.5
35000.	621.9	0.3	>50.0	12.5	11354.	0.5	167.8	0.3	34.5	6.5	11354.	0.5	40.0	0.3	16.0	3.5	11354.	0.5
50000.	870.6	0.3	>50.0	17.5	16220.	0.5	472.6	0.3	>50.0	9.5	16220.	0.5	82.3	0.3	23.5	4.5	16220.	0.5

120

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	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.	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	1.0	0.3	2.0	0.5	113.	1.0	0.5	0.3	1.0	0.5	113.	1.0	0.0	0.0	0.0	0.0	0.	0.0
500.	1.8	0.3	3.5	0.5	226.	1.0	1.0	0.3	2.0	0.5	226.	1.0	0.5	0.3	1.0	0.5	226.	1.0
750.	2.5	0.3	5.0	0.5	339.	1.0	1.5	0.3	3.0	0.5	339.	1.0	0.8	0.3	1.5	0.5	339.	1.0
1000.	3.0	0.3	6.0	0.5	452.	1.0	1.8	0.3	3.5	0.5	452.	1.0	1.0	0.3	2.0	0.5	452.	1.0
2500.	14.0	0.3	12.0	1.5	1130.	1.0	3.5	0.3	7.0	0.5	1130.	1.0	2.3	0.3	4.5	0.5	1130.	1.0
5000.	36.5	0.3	20.0	2.5	2261.	1.0	14.0	0.3	12.0	1.5	2261.	1.0	3.5	0.3	7.0	0.5	2261.	1.0
15000.	273.6	0.3	>50.0	5.5	6782.	1.0	57.8	0.3	27.5	2.5	6782.	1.0	21.0	0.3	16.0	1.5	6782.	1.0
25000.	422.9	0.3	>50.0	8.5	11304.	1.0	223.9	0.3	>50.0	4.5	11304.	1.0	47.5	0.3	24.0	2.5	11304.	1.0
35000.	522.4	0.3	>50.0	10.5	15825.	1.0	323.4	0.3	>50.0	6.5	15825.	1.0	79.5	0.3	31.0	3.5	15825.	1.0
50000.	621.9	0.3	>50.0	12.5	22607.	1.0	422.9	0.3	>50.0	8.5	22607.	1.0	223.9	0.3	>50.0	4.5	22607.	1.0

121

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.3	0.3	0.5	0.5	94.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.5	0.3	1.0	0.5	141.	0.5	0.3	0.3	0.5	0.5	141.	0.5	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.5	0.3	1.0	0.5	188.	0.5	0.3	0.3	0.5	0.5	188.	0.5	0.0	0.0	0.0	0.0	0.	0.0
2500.	1.8	0.3	3.5	0.5	471.	0.5	0.8	0.3	1.5	0.5	471.	0.5	0.5	0.3	1.0	0.5	471.	0.5
5000.	11.3	0.3	8.5	1.5	942.	0.5	1.8	0.3	3.5	0.5	942.	0.5	0.8	0.3	1.5	0.5	942.	0.5
15000.	122.5	0.3	29.0	5.5	2826.	0.5	26.8	0.3	13.5	2.5	2826.	0.5	6.0	0.3	6.0	1.5	2826.	0.5
25000.	472.6	0.3	>50.0	9.5	4710.	0.5	82.3	0.3	23.5	4.5	4710.	0.5	19.5	0.3	11.0	2.5	4710.	0.5
35000.	621.9	0.3	>50.0	12.5	6594.	0.5	168.3	0.3	34.5	6.5	6594.	0.5	39.5	0.3	16.0	3.5	6594.	0.5
50000.	870.6	0.3	>50.0	17.5	9421.	0.5	472.6	0.3	>50.0	9.5	9421.	0.5	82.3	0.3	23.5	4.5	9421.	0.5

122

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	1.3	1.3	2.5	0.5	69.	2.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	2.3	0.8	4.5	0.5	92.	2.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	11.3	0.8	10.5	1.5	230.	2.0	2.8	0.8	5.5	0.5	230.	2.0	1.0	1.3	2.0	0.5	230.	2.0
5000.	31.0	0.8	19.0	2.5	461.	2.0	10.8	0.8	10.5	1.5	461.	2.0	2.8	0.8	5.5	0.5	461.	2.0
15000.	270.9	0.8	>50.0	5.5	1383.	2.0	59.8	0.8	29.5	2.5	1383.	2.0	18.5	0.8	15.0	1.5	1383.	2.0
25000.	418.6	0.8	>50.0	8.5	2304.	2.0	221.6	0.8	>50.0	4.5	2304.	2.0	44.0	0.8	23.0	2.5	2304.	2.0
35000.	522.4	0.3	>50.0	10.5	3226.	2.0	320.1	0.8	>50.0	6.5	3226.	2.0	85.3	0.8	34.5	3.5	3226.	2.0
50000.	621.9	0.3	>50.0	12.5	4609.	2.0	418.6	0.8	>50.0	8.5	4609.	2.0	221.6	0.8	>50.0	4.5	4609.	2.0

123

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.5	0.3	1.0	0.5	57.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.5	0.3	1.0	0.5	76.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	1.8	0.3	3.5	0.5	190.	0.5	0.8	0.3	1.5	0.5	190.	0.5	0.0	0.0	0.0	0.0	0.	0.0
5000.	11.3	0.3	8.5	1.5	381.	0.5	1.8	0.3	3.5	0.5	381.	0.5	0.8	0.3	1.5	0.5	381.	0.5
15000.	122.5	0.3	29.0	5.5	1143.	0.5	26.8	0.3	13.5	2.5	1143.	0.5	6.5	0.3	6.0	1.5	1143.	0.5
25000.	472.6	0.3	>50.0	9.5	1904.	0.5	82.3	0.3	23.5	4.5	1904.	0.5	19.5	0.3	11.0	2.5	1904.	0.5
35000.	621.9	0.3	>50.0	12.5	2666.	0.5	168.3	0.3	34.5	6.5	2666.	0.5	39.5	0.3	16.0	3.5	2666.	0.5
50000.	870.6	0.3	>50.0	17.5	3809.	0.5	472.6	0.3	>50.0	9.5	3809.	0.5	82.3	0.3	23.5	4.5	3809.	0.5
75000.	1119.4	0.3	>50.0	22.5	5713.	0.5	671.6	0.3	>50.0	13.5	5713.	0.5	190.5	0.3	37.0	6.5	5713.	0.5
00000.	1268.6	0.3	>50.0	25.5	7618.	0.5	870.6	0.3	>50.0	17.5	7618.	0.5	472.6	0.3	>50.0	9.5	7618.	0.5

124

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	3.5	2.3	7.0	0.5	83.	4.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	21.8	1.8	16.5	1.5	165.	4.0	3.5	2.3	7.0	0.5	165.	4.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	268.1	1.3	>50.0	5.5	496.	4.0	60.0	1.3	29.0	2.5	496.	4.0	14.0	1.8	12.0	1.5	496.	4.0
25000.	414.4	1.3	>50.0	8.5	827.	4.0	219.4	1.3	>50.0	4.5	827.	4.0	37.0	1.3	21.0	2.5	827.	4.0
35000.	511.9	1.3	>50.0	10.5	1158.	4.0	316.9	1.3	>50.0	6.5	1158.	4.0	77.5	1.3	34.0	3.5	1158.	4.0
50000.	566.4	0.8	>50.0	11.5	1654.	4.0	414.4	1.3	>50.0	8.5	1654.	4.0	219.4	1.3	>50.0	4.5	1654.	4.0
75000.	664.9	0.8	>50.0	13.5	2481.	4.0	511.9	1.3	>50.0	10.5	2481.	4.0	316.9	1.3	>50.0	6.5	2481.	4.0
100000.	714.1	0.8	>50.0	14.5	3308.	4.0	566.4	0.8	>50.0	11.5	3308.	4.0	414.4	1.3	>50.0	8.5	3308.	4.0

125

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.3	0.8	0.5	0.5	54.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	2.0	0.3	4.0	0.5	136.	1.0	0.5	0.8	1.0	0.5	136.	1.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	11.3	0.3	8.5	1.5	272.	1.0	1.5	0.3	3.0	0.5	272.	1.0	0.5	0.8	1.0	0.5	272.	1.0
15000.	122.5	0.3	29.0	5.5	817.	1.0	26.8	0.3	13.5	2.5	817.	1.0	7.0	0.3	6.0	1.5	817.	1.0
25000.	472.6	0.3	>50.0	9.5	1361.	1.0	81.8	0.3	23.5	4.5	1361.	1.0	20.0	0.3	11.0	2.5	1361.	1.0
35000.	621.5	0.3	>50.0	12.5	1906.	1.0	168.3	0.3	34.5	6.5	1906.	1.0	39.5	0.3	16.0	3.5	1906.	1.0
50000.	870.6	0.3	>50.0	17.5	2722.	1.0	472.6	0.3	>50.0	9.5	2722.	1.0	81.8	0.3	23.5	4.5	2722.	1.0
75000.	1119.4	0.3	>50.0	22.5	4083.	1.0	671.6	0.3	>50.0	13.5	4083.	1.0	191.0	0.3	37.0	6.5	4083.	1.0
100000.	1268.6	0.3	>50.0	25.5	5444.	1.0	870.6	0.3	>50.0	17.5	5444.	1.0	472.6	0.3	>50.0	9.5	5444.	1.0

126

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	14.5	3.3	13.0	1.5	82.	6.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	262.6	2.3	>50.0	5.5	245.	6.5	53.8	2.8	27.5	2.5	245.	6.5	3.3	4.3	6.5	0.5	245.	6.5
25000.	410.1	1.8	>50.0	8.5	408.	6.5	214.9	2.3	>50.0	4.5	408.	6.5	29.5	2.8	22.0	1.5	408.	6.5
35000.	506.6	1.8	>50.0	10.5	571.	6.5	310.4	2.3	>50.0	6.5	571.	6.5	76.8	2.8	32.5	3.5	571.	6.5
50000.	603.1	1.8	>50.0	12.5	816.	6.5	410.1	1.8	>50.0	8.5	816.	6.5	214.9	2.3	>50.0	4.5	816.	6.5
75000.	651.4	1.8	>50.0	13.5	1224.	6.5	506.6	1.8	>50.0	10.5	1224.	6.5	310.4	2.3	>50.0	6.5	1224.	6.5
100000.	699.6	1.8	>50.0	14.5	1632.	6.5	554.9	1.8	>50.0	11.5	1632.	6.5	410.1	1.8	>50.0	8.5	1632.	6.5

127

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 1500.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	2.5	11.8	5.0	0.5	53.	12.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	246.1	5.3	>50.0	5.5	160.	12.0	41.5	7.8	22.0	2.5	160.	12.0	0.0	0.0	0.0	0.0	0.	0.0
25000.	388.9	4.3	>50.0	8.5	267.	12.0	199.1	5.8	>50.0	4.5	267.	12.0	17.3	11.3	12.5	1.5	267.	12.0
35000.	480.4	4.3	>50.0	10.5	374.	12.0	294.1	4.8	>50.0	6.5	374.	12.0	60.8	6.8	28.5	2.5	374.	12.0
50000.	531.9	3.8	>50.0	11.5	535.	12.0	388.9	4.3	>50.0	8.5	535.	12.0	199.1	5.8	>50.0	4.5	535.	12.0
75000.	631.1	3.3	>50.0	13.5	802.	12.0	480.4	4.3	>50.0	10.5	802.	12.0	294.1	4.8	>50.0	6.5	802.	12.0
100000.	677.9	3.3	>50.0	14.5	1070.	12.0	531.9	3.8	>50.0	11.5	1070.	12.0	388.9	4.3	>50.0	8.5	1070.	12.0

128

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	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.	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	0.3	0.3	0.5	0.5	63.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.3	0.3	0.5	0.5	126.	0.5	0.3	0.3	0.5	0.5	126.	0.5	0.0	0.0	0.0	0.0	0.	0.0
750.	0.3	0.3	0.5	0.5	189.	0.5	0.3	0.3	0.5	0.5	189.	0.5	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.5	0.3	1.0	0.5	252.	0.5	0.3	0.3	0.5	0.5	252.	0.5	0.3	0.3	0.5	0.5	252.	0.5
2500.	0.8	0.3	1.5	0.5	630.	0.5	0.5	0.3	1.0	0.5	630.	0.5	0.3	0.3	0.5	0.5	630.	0.5
5000.	3.5	0.3	4.0	1.5	1259.	0.5	0.8	0.3	1.5	0.5	1259.	0.5	0.5	0.3	1.0	0.5	1259.	0.5
15000.	51.8	0.3	18.5	3.5	3777.	0.5	11.3	0.3	8.5	1.5	3777.	0.5	1.5	0.3	3.0	0.5	3777.	0.5
25000.	152.8	0.3	32.5	6.5	6295.	0.5	35.0	0.3	15.0	3.5	6295.	0.5	8.0	0.3	7.0	1.5	6295.	0.5
35000.	307.3	0.3	47.5	8.5	8813.	0.5	73.0	0.3	22.0	4.5	8813.	0.5	16.5	0.3	10.0	2.5	8813.	0.5

129

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	0.0	0.0	0.0	0.	0.0
50.	0.3	0.3	0.5	0.5	70.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
100.	0.5	0.3	1.0	0.5	141.	0.5	0.3	0.3	0.5	0.5	141.	0.5	0.0	0.0	0.0	0.0	0.	0.0
250.	1.0	0.3	2.0	0.5	352.	0.5	0.5	0.3	1.0	0.5	352.	0.5	0.3	0.3	0.5	0.5	352.	0.5
500.	1.5	0.3	3.0	0.5	705.	0.5	1.0	0.3	2.0	0.5	705.	0.5	0.5	0.3	1.0	0.5	705.	0.5
750.	2.0	0.3	4.0	0.5	1057.	0.5	1.3	0.3	2.5	0.5	1057.	0.5	0.8	0.3	1.5	0.5	1057.	0.5
1000.	2.5	0.3	5.0	0.5	1410.	0.5	1.5	0.3	3.0	0.5	1410.	0.5	1.0	0.3	2.0	0.5	1410.	0.5
2500.	9.0	0.3	9.0	1.5	3525.	0.5	2.8	0.3	5.5	0.5	3525.	0.5	1.8	0.3	3.5	0.5	3525.	0.5
5000.	19.5	0.3	15.0	1.5	7049.	0.5	9.0	0.3	9.0	1.5	7049.	0.5	2.8	0.3	5.5	0.5	7049.	0.5
15000.	94.0	0.3	34.0	3.5	21147.	0.5	37.0	0.3	20.0	2.5	21147.	0.5	14.8	0.3	12.5	1.5	21147.	0.5
25000.	323.4	0.3	>50.0	6.5	35245.	0.5	74.8	0.3	29.5	3.5	35245.	0.5	27.8	0.3	17.5	2.5	35245.	0.5
35000.	422.9	0.3	>50.0	8.5	49343.	0.5	223.9	0.3	>50.0	4.5	49343.	0.5	44.3	0.3	22.5	2.5	49343.	0.5

130

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	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.	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	0.3	0.3	0.5	0.5	54.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.3	0.3	0.5	0.5	108.	0.5	0.3	0.3	0.5	0.5	108.	0.5	0.0	0.0	0.0	0.0	0.	0.0
750.	0.3	0.3	0.5	0.5	162.	0.5	0.3	0.3	0.5	0.5	162.	0.5	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.5	0.3	1.0	0.5	216.	0.5	0.3	0.3	0.5	0.5	216.	0.5	0.3	0.3	0.5	0.5	216.	0.5
2500.	0.8	0.3	1.5	0.5	541.	0.5	0.5	0.3	1.0	0.5	541.	0.5	0.3	0.3	0.5	0.5	541.	0.5
5000.	3.5	0.3	4.0	1.5	1081.	0.5	0.8	0.3	1.5	0.5	1081.	0.5	0.5	0.3	1.0	0.5	1081.	0.5
15000.	51.8	0.3	18.5	3.5	3244.	0.5	11.3	0.3	8.5	1.5	3244.	0.5	1.5	0.3	3.0	0.5	3244.	0.5
25000.	152.8	0.3	32.5	6.5	5407.	0.5	34.5	0.3	15.0	3.5	5407.	0.5	8.0	0.3	7.0	1.5	5407.	0.5
35000.	307.3	0.3	47.5	8.5	7569.	0.5	73.0	0.3	22.0	4.5	7569.	0.5	16.5	0.3	10.0	2.5	7569.	0.5
50000.	621.9	0.3	>50.0	12.5	10813.	0.5	152.8	0.3	32.5	6.5	10813.	0.5	34.5	0.3	15.0	3.5	10813.	0.5

131

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	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.	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	0.8	0.3	1.5	0.5	75.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	1.3	0.3	2.5	0.5	151.	1.0	0.8	0.3	1.5	0.5	151.	1.0	0.0	0.0	0.0	0.0	0.	0.0
750.	1.8	0.3	3.5	0.5	226.	1.0	1.0	0.3	2.0	0.5	226.	1.0	0.5	0.3	1.0	0.5	226.	1.0
1000.	2.3	0.3	4.5	0.5	301.	1.0	1.3	0.3	2.5	0.5	301.	1.0	0.8	0.3	1.5	0.5	301.	1.0
2500.	8.0	0.3	9.0	1.5	754.	1.0	2.8	0.3	5.5	0.5	754.	1.0	1.5	0.3	3.0	0.5	754.	1.0
5000.	19.0	0.3	15.0	1.5	1507.	1.0	7.5	0.3	9.0	1.5	1507.	1.0	2.8	0.3	5.5	0.5	1507.	1.0
15000.	108.8	0.3	39.5	3.5	4521.	1.0	36.5	0.3	20.0	2.5	4521.	1.0	14.0	0.3	12.0	1.5	4521.	1.0
25000.	323.4	0.3	>50.0	6.5	7536.	1.0	73.3	0.3	29.5	3.5	7536.	1.0	25.8	0.3	17.5	2.5	7536.	1.0
35000.	422.9	0.3	>50.0	8.5	10550.	1.0	223.9	0.3	>50.0	4.5	10550.	1.0	43.8	0.3	22.5	2.5	10550.	1.0
50000.	522.4	0.3	>50.0	10.5	15071.	1.0	323.4	0.3	>50.0	6.5	15071.	1.0	73.3	0.3	29.5	3.5	15071.	1.0

132

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.3	0.3	0.5	0.5	63.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.3	0.3	0.5	0.5	94.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.5	0.3	1.0	0.5	126.	0.5	0.3	0.3	0.5	0.5	126.	0.5	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.8	0.3	1.5	0.5	314.	0.5	0.5	0.3	1.0	0.5	314.	0.5	0.3	0.3	0.5	0.5	314.	0.5
5000.	4.8	0.3	5.5	1.5	628.	0.5	0.8	0.3	1.5	0.5	628.	0.5	0.5	0.3	1.0	0.5	628.	0.5
15000.	51.8	0.3	18.5	3.5	1884.	0.5	11.3	0.3	8.5	1.5	1884.	0.5	1.8	0.3	3.5	0.5	1884.	0.5
25000.	153.3	0.3	32.5	6.5	3140.	0.5	34.5	0.3	15.0	3.5	3140.	0.5	8.0	0.3	7.0	1.5	3140.	0.5
35000.	307.3	0.3	47.5	8.5	4396.	0.5	73.0	0.3	22.0	4.5	4396.	0.5	17.0	0.3	10.0	2.5	4396.	0.5
50000.	621.9	0.3	>50.0	12.5	6280.	0.5	153.3	0.3	32.5	6.5	6280.	0.5	34.5	0.3	15.0	3.5	6280.	0.5

133

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	1.0	1.3	2.0	0.5	61.	2.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	3.8	0.8	7.5	0.5	154.	2.0	1.5	1.3	3.0	0.5	154.	2.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	16.3	0.8	13.5	1.5	307.	2.0	3.8	0.8	7.5	0.5	307.	2.0	1.5	1.3	3.0	0.5	307.	2.0
15000.	111.8	0.8	39.5	3.5	922.	2.0	31.0	0.8	19.0	2.5	922.	2.0	10.8	0.8	10.5	1.5	922.	2.0
25000.	320.1	0.8	>50.0	6.5	1536.	2.0	77.0	0.8	33.0	3.5	1536.	2.0	21.0	0.8	16.0	1.5	1536.	2.0
35000.	418.6	0.8	>50.0	8.5	2151.	2.0	143.3	0.8	45.5	4.5	2151.	2.0	40.3	0.8	21.5	2.5	2151.	2.0
50000.	522.4	0.3	>50.0	10.5	3073.	2.0	320.1	0.8	>50.0	6.5	3073.	2.0	77.0	0.8	33.0	3.5	3073.	2.0

134

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.3	0.3	0.5	0.5	51.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	1.0	0.3	2.0	0.5	127.	0.5	0.5	0.3	1.0	0.5	127.	0.5	0.0	0.0	0.0	0.0	0.	0.0
5000.	4.8	0.3	5.5	1.5	254.	0.5	1.0	0.3	2.0	0.5	254.	0.5	0.5	0.3	1.0	0.5	254.	0.5
15000.	50.8	0.3	16.5	3.5	762.	0.5	11.3	0.3	8.5	1.5	762.	0.5	1.8	0.3	3.5	0.5	762.	0.5
25000.	153.3	0.3	32.5	6.5	1270.	0.5	34.5	0.3	15.0	3.5	1270.	0.5	8.0	0.3	7.0	1.5	1270.	0.5
35000.	307.3	0.3	47.5	8.5	1778.	0.5	73.0	0.3	22.0	4.5	1778.	0.5	17.0	0.3	10.0	2.5	1778.	0.5
50000.	621.9	0.3	>50.0	12.5	2539.	0.5	153.3	0.3	32.5	6.5	2539.	0.5	34.5	0.3	15.0	3.5	2539.	0.5
75000.	870.6	0.3	>50.0	17.5	3809.	0.5	472.6	0.3	>50.0	9.5	3809.	0.5	82.3	0.3	23.5	4.5	3809.	0.5
100000.	1069.6	0.3	>50.0	21.5	5079.	0.5	621.9	0.3	>50.0	12.5	5079.	0.5	153.3	0.3	32.5	6.5	5079.	0.5

135

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	1.3	2.8	2.5	0.5	55.	4.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	10.8	1.8	10.5	1.5	110.	4.0	1.3	2.8	2.5	0.5	110.	4.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	107.5	1.3	39.0	3.5	331.	4.0	21.6	1.8	16.5	1.5	331.	4.0	3.5	2.3	7.0	0.5	331.	4.0
25000.	268.1	1.3	>50.0	5.5	551.	4.0	70.3	1.3	32.5	3.5	551.	4.0	16.3	1.8	13.5	1.5	551.	4.0
35000.	414.4	1.3	>50.0	8.5	772.	4.0	146.8	1.3	45.5	4.5	772.	4.0	31.5	1.3	20.0	2.5	772.	4.0
50000.	511.9	1.3	>50.0	10.5	1103.	4.0	268.1	1.3	>50.0	5.5	1103.	4.0	70.3	1.3	32.5	3.5	1103.	4.0
75000.	566.4	0.8	>50.0	11.5	1654.	4.0	414.4	1.3	>50.0	8.5	1654.	4.0	219.4	1.3	>50.0	4.5	1654.	4.0
100000.	664.9	0.8	>50.0	13.5	2206.	4.0	511.9	1.3	>50.0	10.5	2206.	4.0	268.1	1.3	>50.0	5.5	2206.	4.0

136

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.8	0.8	1.5	0.5	91.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	5.3	0.3	5.5	1.5	181.	1.0	0.8	0.8	1.5	0.5	181.	1.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	50.8	0.3	18.5	3.5	544.	1.0	11.3	0.3	8.5	1.5	544.	1.0	1.5	0.3	3.0	0.5	544.	1.0
25000.	153.3	0.3	32.5	6.5	907.	1.0	34.5	0.3	15.0	3.5	907.	1.0	8.0	0.3	7.0	1.5	907.	1.0
35000.	307.3	0.3	47.5	8.5	1270.	1.0	72.5	0.3	22.0	4.5	1270.	1.0	17.0	0.3	10.0	2.5	1270.	1.0
50000.	621.9	0.3	>50.0	12.5	1815.	1.0	153.3	0.3	32.5	6.5	1815.	1.0	34.5	0.3	15.0	3.5	1815.	1.0
75000.	870.6	0.3	>50.0	17.5	2722.	1.0	472.6	0.3	>50.0	9.5	2722.	1.0	81.8	0.3	23.5	4.5	2722.	1.0
100000.	1069.6	0.3	>50.0	21.5	3630.	1.0	621.9	0.3	>50.0	12.5	3630.	1.0	153.3	0.3	32.5	6.5	3630.	1.0

137

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	2.0	4.8	4.0	0.5	54.	6.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	101.8	2.3	38.5	3.5	163.	6.5	14.5	3.3	13.0	1.5	163.	6.5	0.0	0.0	0.0	0.0	0.	0.0
25000.	262.6	2.3	>50.0	5.5	272.	6.5	65.5	2.8	31.0	2.5	272.	6.5	4.5	3.8	9.0	0.5	272.	6.5
35000.	410.1	1.8	>50.0	8.5	381.	6.5	143.5	2.3	45.0	4.5	381.	6.5	24.8	3.3	19.5	1.5	381.	6.5
50000.	506.6	1.8	>50.0	10.5	544.	6.5	262.6	2.3	>50.0	5.5	544.	6.5	65.5	2.8	31.0	2.5	544.	6.5
75000.	603.1	1.8	>50.0	12.5	816.	6.5	410.1	1.8	>50.0	8.5	816.	6.5	214.9	2.3	>50.0	4.5	816.	6.5
100000.	651.4	1.8	>50.0	13.5	1088.	6.5	506.6	1.8	>50.0	10.5	1088.	6.5	262.6	2.3	>50.0	5.5	1088.	6.5

138

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 1500.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	93.3	6.3	34.5	3.5	107.	12.0	2.3	11.8	4.5	0.5	107.	12.0	0.0	0.0	0.0	0.0	0.	0.0
25000.	246.1	5.3	>50.0	5.5	178.	12.0	55.5	6.8	27.0	2.5	178.	12.0	0.0	0.0	0.0	0.0	0.	0.0
35000.	384.6	4.8	>50.0	8.5	250.	12.0	131.5	5.8	41.0	4.5	250.	12.0	13.5	11.8	10.0	1.5	250.	12.0
50000.	480.4	4.3	>50.0	10.5	357.	12.0	246.1	5.3	>50.0	5.5	357.	12.0	55.5	6.8	27.0	2.5	357.	12.0
75000.	531.9	3.8	>50.0	11.5	535.	12.0	388.9	4.3	>50.0	8.5	535.	12.0	199.1	5.8	>50.0	4.5	535.	12.0
100000.	624.4	3.8	>50.0	13.5	713.	12.0	480.4	4.3	>50.0	10.5	713.	12.0	246.1	5.3	>50.0	5.5	713.	12.0

139

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
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	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.	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.	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.3	0.3	0.5	0.5	76.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.3	0.3	0.5	0.5	113.	0.5	0.3	0.3	0.5	0.5	113.	0.5	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.3	0.3	0.5	0.5	151.	0.5	0.3	0.3	0.5	0.5	151.	0.5	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.5	0.3	1.0	0.5	378.	0.5	0.3	0.3	0.5	0.5	378.	0.5	0.3	0.3	0.5	0.5	378.	0.5
5000.	1.3	0.3	2.5	0.5	755.	0.5	0.5	0.3	1.0	0.5	755.	0.5	0.3	0.3	0.5	0.5	755.	0.5
15000.	17.8	0.3	10.5	2.5	2266.	0.5	2.3	0.3	3.5	1.5	2266.	0.5	0.8	0.3	1.5	0.5	2266.	0.5
25000.	51.8	0.3	18.5	3.5	3777.	0.5	11.3	0.3	8.5	1.5	3777.	0.5	1.5	0.3	3.0	0.5	3777.	0.5
35000.	106.0	0.3	27.0	5.5	5288.	0.5	23.3	0.3	12.5	2.5	5288.	0.5	3.5	0.3	4.0	1.5	5288.	0.5

140

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
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	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
100.	0.3	0.3	0.5	0.5	85.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	0.5	0.3	1.0	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.5
500.	1.0	0.3	2.0	0.5	423.	0.5	0.5	0.3	1.0	0.5	423.	0.5	0.3	0.3	0.5	0.5	423.	0.5
750.	1.5	0.3	3.0	0.5	634.	0.5	0.8	0.3	1.5	0.5	634.	0.5	0.5	0.3	1.0	0.5	634.	0.5
1000.	1.8	0.3	3.5	0.5	846.	0.5	1.0	0.3	2.0	0.5	846.	0.5	0.5	0.3	1.0	0.5	846.	0.5
2500.	3.3	0.3	6.5	0.5	2115.	0.5	2.0	0.3	4.0	0.5	2115.	0.5	1.3	0.3	2.5	0.5	2115.	0.5
5000.	11.8	0.3	10.5	1.5	4229.	0.5	3.3	0.3	6.5	0.5	4229.	0.5	2.0	0.3	4.0	0.5	4229.	0.5
15000.	46.0	0.3	23.0	2.5	12688.	0.5	18.0	0.3	14.0	1.5	12688.	0.5	7.8	0.3	8.5	1.5	12688.	0.5
25000.	94.0	0.3	34.0	3.5	21147.	0.5	37.0	0.3	20.0	2.5	21147.	0.5	14.8	0.3	12.5	1.5	21147.	0.5
35000.	273.6	0.3	>50.0	5.5	29606.	0.5	54.0	0.3	26.0	2.5	29606.	0.5	20.3	0.3	15.5	1.5	29606.	0.5

141

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
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	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.	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.	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.3	0.3	0.5	0.5	65.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.3	0.3	0.5	0.5	97.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.3	0.3	0.5	0.5	130.	0.5	0.3	0.3	0.5	0.5	130.	0.5	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.5	0.3	1.0	0.5	324.	0.5	0.3	0.3	0.5	0.5	324.	0.5	0.3	0.3	0.5	0.5	324.	0.5
5000.	1.3	0.3	2.5	0.5	649.	0.5	0.5	0.3	1.0	0.5	649.	0.5	0.3	0.3	0.5	0.5	649.	0.5
15000.	17.8	0.3	10.5	2.5	1946.	0.5	2.3	0.3	3.5	1.5	1946.	0.5	0.8	0.3	1.5	0.5	1946.	0.5
25000.	51.8	0.3	18.5	3.5	3244.	0.5	11.3	0.3	8.5	1.5	3244.	0.5	1.5	0.3	3.0	0.5	3244.	0.5
35000.	106.0	0.3	27.0	5.5	4542.	0.5	23.3	0.3	12.5	2.5	4542.	0.5	3.5	0.3	4.0	1.5	4542.	0.5
5000C.	225.0	0.3	40.0	7.5	6488.	0.5	51.3	0.3	18.5	3.5	6488.	0.5	11.3	0.3	8.5	1.5	6488.	0.5

142

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	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.	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.	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.8	0.3	1.5	0.5	90.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	1.3	0.3	2.5	0.5	136.	1.0	0.5	0.3	1.0	0.5	136.	1.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	1.5	0.3	3.0	0.5	181.	1.0	0.8	0.3	1.5	0.5	181.	1.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	3.0	0.3	6.0	0.5	452.	1.0	1.8	0.3	3.5	0.5	452.	1.0	1.0	0.3	2.0	0.5	452.	1.0
5000.	10.5	0.3	10.0	1.5	904.	1.0	3.0	0.3	6.0	0.5	904.	1.0	1.8	0.3	3.5	0.5	904.	1.0
15000.	45.5	0.3	23.0	2.5	2713.	1.0	16.8	0.3	13.5	1.5	2713.	1.0	5.8	0.3	8.5	1.5	2713.	1.0
25000.	108.8	0.3	39.5	3.5	4521.	1.0	36.5	0.3	20.0	2.5	4521.	1.0	14.0	0.3	12.0	1.5	4521.	1.0
35000.	273.6	0.3	>50.0	5.5	6330.	1.0	54.0	0.3	26.0	2.5	6330.	1.0	19.8	0.3	15.5	1.5	6330.	1.0
50000.	373.1	0.3	>50.0	7.5	9043.	1.0	107.8	0.3	39.5	3.5	9043.	1.0	36.5	0.3	20.0	2.5	9043.	1.0

143

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.3	0.3	0.5	0.5	57.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.3	0.3	0.5	0.5	75.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.5	0.3	1.0	0.5	188.	0.5	0.3	0.3	0.5	0.5	188.	0.5	0.0	0.0	0.0	0.0	0.	0.0
5000.	1.3	0.3	2.5	0.5	377.	0.5	0.5	0.3	1.0	0.5	377.	0.5	0.3	0.3	0.5	0.5	377.	0.5
15000.	18.3	0.3	10.5	2.5	1130.	0.5	2.3	0.3	3.5	1.5	1130.	0.5	0.8	0.3	1.5	0.5	1130.	0.5
25000.	51.8	0.3	18.5	3.5	1884.	0.5	11.3	0.3	8.5	1.5	1884.	0.5	1.8	0.3	3.5	0.5	1884.	0.5
35000.	106.5	0.3	27.0	5.5	2638.	0.5	23.8	0.3	12.5	2.5	2638.	0.5	5.3	0.3	5.5	1.5	2638.	0.5
50000.	225.0	0.3	40.0	7.5	3768.	0.5	51.3	0.3	18.5	3.5	3768.	0.5	11.3	0.3	8.5	1.5	3768.	0.5

144

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	2.3	0.8	4.5	0.5	92.	2.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	6.3	0.8	8.5	1.5	184.	2.0	2.3	0.8	4.5	0.5	184.	2.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	42.0	0.8	22.0	2.5	553.	2.0	14.8	0.8	12.5	1.5	553.	2.0	3.3	0.8	6.5	0.5	553.	2.0
25000.	111.8	0.8	39.5	3.5	922.	2.0	31.0	0.8	19.0	2.5	922.	2.0	10.8	0.8	10.5	1.5	922.	2.0
35000.	270.9	0.8	>50.0	5.5	1291.	2.0	50.5	0.8	25.0	2.5	1291.	2.0	17.5	0.8	14.0	1.5	1291.	2.0
50000.	369.4	0.8	>50.0	7.5	1844.	2.0	111.3	0.8	39.5	3.5	1844.	2.0	31.0	0.8	19.0	2.5	1844.	2.0

145

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.5	0.3	1.0	0.5	76.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	1.3	0.3	2.5	0.5	152.	0.5	0.5	0.3	1.0	0.5	152.	0.5	0.0	0.0	0.0	0.0	0.	0.0
15000.	18.3	0.3	10.5	2.5	457.	0.5	1.8	0.3	3.5	0.5	457.	0.5	1.0	0.3	2.0	0.5	457.	0.5
25000.	50.8	0.3	18.5	3.5	762.	0.5	11.3	0.3	8.5	1.5	762.	0.5	1.8	0.3	3.5	0.5	762.	0.5
35000.	106.5	0.3	27.0	5.5	1067.	0.5	23.8	0.3	12.5	2.5	1067.	0.5	5.8	0.3	5.5	1.5	1067.	0.5
50000.	225.0	0.3	40.0	7.5	1524.	0.5	50.3	0.3	18.5	3.5	1524.	0.5	11.3	0.3	8.5	1.5	1524.	0.5
75000.	572.1	0.3	>50.0	11.5	2285.	0.5	122.0	0.3	29.0	5.5	2285.	0.5	26.8	0.3	13.5	2.5	2285.	0.5
100000.	721.4	0.3	>50.0	14.5	3047.	0.5	222.5	0.3	40.0	7.5	3047.	0.5	50.3	0.3	18.5	3.5	3047.	0.5

146

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	2.5	2.3	5.0	0.5	66.	4.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	33.8	1.3	20.5	2.5	198.	4.0	7.3	1.8	9.5	1.5	198.	4.0	0.0	0.0	0.0	0.0	0.	0.0
25000.	107.5	1.3	39.0	3.5	331.	4.0	21.8	1.8	16.5	1.5	331.	4.0	3.5	2.3	7.0	0.5	331.	4.0
35000.	268.1	1.3	>50.0	5.5	463.	4.0	51.5	1.3	27.0	2.5	463.	4.0	12.3	1.8	11.5	1.5	463.	4.0
50000.	365.6	1.3	>50.0	7.5	662.	4.0	107.5	1.3	39.0	3.5	662.	4.0	21.8	1.8	16.5	1.5	662.	4.0
75000.	463.1	1.3	>50.0	9.5	992.	4.0	268.1	1.3	>50.0	5.5	992.	4.0	60.0	1.3	29.0	2.5	992.	4.0
100000.	517.1	0.8	>50.0	10.5	1323.	4.0	316.9	1.3	>50.0	6.5	1323.	4.0	107.5	1.3	39.0	3.5	1323.	4.0

147

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.3	0.8	0.5	0.5	54.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	1.0	0.8	2.0	0.5	109.	1.0	0.3	0.8	0.5	0.5	109.	1.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	18.8	0.3	10.5	2.5	327.	1.0	2.3	0.3	4.5	0.5	327.	1.0	0.8	0.8	1.5	0.5	327.	1.0
25000.	50.8	0.3	18.5	3.5	544.	1.0	11.3	0.3	8.5	1.5	544.	1.0	1.5	0.3	3.0	0.5	544.	1.0
35000.	106.0	0.3	27.0	5.5	762.	1.0	24.3	0.3	12.5	2.5	762.	1.0	6.3	0.3	5.5	1.5	762.	1.0
50000.	225.5	0.3	40.0	7.5	1089.	1.0	50.3	0.3	18.5	3.5	1089.	1.0	11.3	0.3	8.5	1.5	1089.	1.0
75000.	572.1	0.3	>50.0	11.5	1633.	1.0	122.0	0.3	29.0	5.5	1633.	1.0	26.8	0.3	13.5	2.5	1633.	1.0
100000.	721.4	0.3	>50.0	14.5	2178.	1.0	223.0	0.3	40.0	7.5	2178.	1.0	50.3	0.3	18.5	3.5	2178.	1.0

148

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	27.3	3.3	20.5	1.5	98.	6.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
25000.	101.8	2.3	38.5	3.5	163.	6.5	14.5	3.3	13.0	1.5	163.	6.5	0.0	0.0	0.0	0.0	0.	0.0
35000.	262.6	2.3	>50.0	5.5	228.	6.5	44.8	2.8	25.5	2.5	228.	6.5	2.8	4.3	5.5	0.5	228.	6.5
50000.	358.1	2.3	>50.0	7.5	326.	6.5	101.3	2.3	38.5	3.5	326.	6.5	14.5	3.3	13.0	1.5	326.	6.5
75000.	458.4	1.8	>50.0	9.5	490.	6.5	262.6	2.3	>50.0	5.5	490.	6.5	53.8	2.8	27.5	2.5	490.	6.5
100000.	506.6	1.8	>50.0	10.5	653.	6.5	358.1	2.3	>50.0	7.5	653.	6.5	101.3	2.3	38.5	3.5	653.	6.5

149

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 1500.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	15.0	11.8	11.0	1.5	64.	12.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
25000.	93.3	6.3	34.5	3.5	107.	12.0	2.3	11.8	4.5	0.5	107.	12.0	0.0	0.0	0.0	0.0	0.	0.0
35000.	246.1	5.3	>50.0	5.5	150.	12.0	31.8	8.3	19.5	2.5	150.	12.0	0.0	0.0	0.0	0.0	0.	0.0
50000.	339.4	4.8	>50.0	7.5	214.	12.0	92.0	6.3	34.0	3.5	214.	12.0	2.3	11.8	4.5	0.5	214.	12.0
75000.	434.6	4.3	>50.0	9.5	321.	12.0	246.1	5.3	>50.0	5.5	321.	12.0	41.5	7.8	22.0	2.5	321.	12.0
100000.	485.6	3.8	>50.0	10.5	428.	12.0	339.4	4.8	>50.0	7.5	428.	12.0	92.0	6.3	34.0	3.5	428.	12.0

150

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	0.0	0.0	0.0	0.	0.0
50.	0.3	0.3	0.5	0.5	94.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
100.	0.3	0.3	0.5	0.5	188.	0.5	0.3	0.3	0.5	0.5	188.	0.5	0.0	0.0	0.0	0.0	0.	0.0
250.	0.8	0.3	1.5	0.5	470.	0.5	0.5	0.3	1.0	0.5	470.	0.5	0.3	0.3	0.5	0.5	470.	0.5
500.	1.0	0.3	2.0	0.5	940.	0.5	0.8	0.3	1.5	0.5	940.	0.5	0.5	0.3	1.0	0.5	940.	0.5
750.	1.5	0.3	3.0	0.5	1410.	0.5	1.0	0.3	2.0	0.5	1410.	0.5	0.5	0.3	1.0	0.5	1410.	0.5
1000.	3.8	0.3	3.5	1.5	1880.	0.5	1.0	0.3	2.0	0.5	1880.	0.5	0.8	0.3	1.5	0.5	1880.	0.5
2500.	40.8	0.3	16.5	3.5	4700.	0.5	4.8	0.3	4.5	1.5	4700.	0.5	1.3	0.3	2.5	0.5	4700.	0.5
5000.	166.5	0.3	34.0	6.5	9399.	0.5	40.3	0.3	16.5	3.5	9399.	0.5	4.8	0.3	4.5	1.5	9399.	0.5
15000.	820.9	0.3	>50.0	16.5	28197.	0.5	347.3	0.3	48.5	9.5	28197.	0.5	94.5	0.3	25.0	5.5	28197.	0.5
25000.	1119.4	0.3	>50.0	22.5	46995.	0.5	721.4	0.3	>50.0	14.5	46995.	0.5	254.0	0.3	41.0	8.5	46995.	0.5
35000.	1268.6	0.3	>50.0	25.5	65794.	0.5	920.4	0.3	>50.0	18.5	65794.	0.5	572.1	0.3	>50.0	11.5	65794.	0.5

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MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
20.	0.5	0.3	1.0	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.5
50.	1.3	0.3	2.5	0.5	526.	0.5	0.8	0.3	1.5	0.5	526.	0.5	0.3	0.3	0.5	0.5	526.	0.5
100.	2.0	0.3	4.0	0.5	1053.	0.5	1.3	0.3	2.5	0.5	1053.	0.5	0.8	0.3	1.5	0.5	1053.	0.5
250.	3.8	0.3	7.5	0.5	2631.	0.5	2.3	0.3	4.5	0.5	2631.	0.5	1.5	0.3	3.0	0.5	2631.	0.5
500.	14.0	0.3	12.0	1.5	5263.	0.5	3.8	0.3	7.5	0.5	5263.	0.5	2.3	0.3	4.5	0.5	5263.	0.5
750.	21.0	0.3	16.0	1.5	7894.	0.5	10.5	0.3	10.0	1.5	7894.	0.5	3.0	0.3	6.0	0.5	7894.	0.5
1000.	35.8	0.3	19.5	2.5	10526.	0.5	14.0	0.3	12.0	1.5	10526.	0.5	3.8	0.3	7.5	0.5	10526.	0.5
2500.	123.5	0.3	39.0	4.5	26314.	0.5	45.0	0.3	23.0	2.5	26314.	0.5	18.0	0.3	14.0	1.5	26314.	0.5
5000.	323.4	0.3	>50.0	6.5	52629.	0.5	122.5	0.3	39.0	4.5	52629.	0.5	45.0	0.3	23.0	2.5	52629.	0.5
15000.	621.9	0.3	>50.0	12.5	157887.	0.5	472.6	0.3	>50.0	9.5	157887.	0.5	273.6	0.3	>50.0	5.5	157887.	0.5
25000.	721.4	0.3	>50.0	14.5	263145.	0.5	572.1	0.3	>50.0	11.5	263145.	0.5	373.1	0.3	>50.0	7.5	263145.	0.5
35000.	771.1	0.3	>50.0	15.5	368403.	0.5	671.6	0.3	>50.0	13.5	368403.	0.5	472.6	0.3	>50.0	9.5	368403.	0.5

152

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	0.0	0.0	0.0	0.	0.0
50.	0.3	0.3	0.5	0.5	79.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
100.	0.3	0.3	0.5	0.5	158.	0.5	0.3	0.3	0.5	0.5	158.	0.5	0.0	0.0	0.0	0.0	0.	0.0
250.	0.8	0.3	1.5	0.5	395.	0.5	0.5	0.3	1.0	0.5	395.	0.5	0.3	0.3	0.5	0.5	395.	0.5
500.	1.3	0.3	2.5	0.5	790.	0.5	0.8	0.3	1.5	0.5	790.	0.5	0.5	0.3	1.0	0.5	790.	0.5
750.	1.5	0.3	3.0	0.5	1186.	0.5	1.0	0.3	2.0	0.5	1186.	0.5	0.5	0.3	1.0	0.5	1186.	0.5
1000.	4.0	0.3	4.0	1.5	1581.	0.5	1.3	0.3	2.5	0.5	1581.	0.5	0.8	0.3	1.5	0.5	1581.	0.5
2500.	42.3	0.3	16.5	3.5	3952.	0.5	4.8	0.3	4.5	1.5	3952.	0.5	1.3	0.3	2.5	0.5	3952.	0.5
5000.	167.5	0.3	34.0	6.5	7904.	0.5	41.8	0.3	16.5	3.5	7904.	0.5	4.8	0.3	4.5	1.5	7904.	0.5
15000.	820.9	0.3	>50.0	16.5	23712.	0.5	347.8	0.3	48.5	9.5	23712.	0.5	95.0	0.3	25.0	5.5	23712.	0.5
2500C.	1119.4	0.3	>50.0	22.5	39521.	0.5	721.4	0.3	>50.0	14.5	39521.	0.5	254.5	0.3	41.0	8.5	39521.	0.5
35000.	1268.6	0.3	>50.0	25.5	55329.	0.5	920.4	0.3	>50.0	18.5	55329.	0.5	572.1	0.3	>50.0	11.5	55329.	0.5
5000C.	1417.9	0.3	>50.0	28.5	79041.	0.5	1119.4	0.3	>50.0	22.5	79041.	0.5	721.4	0.3	>50.0	14.5	79041.	0.5

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MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	0.0	0.0	0.0	0.	0.0
50.	1.0	0.3	2.0	0.5	113.	0.5	0.3	0.3	0.5	0.5	113.	0.5	0.0	0.0	0.0	0.0	0.	0.0
100.	1.8	0.3	3.5	0.5	226.	0.5	1.0	0.3	2.0	0.5	226.	0.5	0.3	0.3	0.5	0.5	226.	0.5
250.	3.5	0.3	7.0	0.5	566.	0.5	2.3	0.3	4.5	0.5	566.	0.5	1.3	0.3	2.5	0.5	566.	0.5
500.	14.0	0.3	12.0	1.5	1131.	0.5	3.5	0.3	7.0	0.5	1131.	0.5	2.3	0.3	4.5	0.5	1131.	0.5
750.	20.3	0.3	15.5	1.5	1697.	0.5	9.5	0.3	9.0	1.5	1697.	0.5	3.0	0.3	6.0	0.5	1697.	0.5
1000.	34.3	0.3	19.5	2.5	2262.	0.5	14.0	0.3	12.0	1.5	2262.	0.5	3.5	0.3	7.0	0.5	2262.	0.5
2500.	121.0	0.3	39.0	4.5	5655.	0.5	45.0	0.3	23.0	2.5	5655.	0.5	17.0	0.3	14.0	1.5	5655.	0.5
5000.	323.4	0.3	>50.0	6.5	11310.	0.5	120.5	0.3	39.0	4.5	11310.	0.5	45.0	0.3	23.0	2.5	11310.	0.5
15000.	621.9	0.3	>50.0	12.5	33931.	0.5	472.6	0.3	>50.0	9.5	33931.	0.5	273.6	0.3	>50.0	5.5	33931.	0.5
25000.	721.4	0.3	>50.0	14.5	56552.	0.5	572.1	0.3	>50.0	11.5	56552.	0.5	373.1	0.3	>50.0	7.5	56552.	0.5
35000.	771.1	0.3	>50.0	15.5	79173.	0.5	671.6	0.3	>50.0	13.5	79173.	0.5	472.6	0.3	>50.0	9.5	79173.	0.5
5000C.	820.9	0.3	>50.0	16.5	113104.	0.5	721.4	0.3	>50.0	14.5	113104.	0.5	572.1	0.3	>50.0	11.5	113104.	0.5

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MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
100.	0.3	0.3	0.5	0.5	89.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	0.8	0.3	1.5	0.5	222.	0.5	0.5	0.3	1.0	0.5	222.	0.5	0.3	0.3	0.5	0.5	222.	0.5
500.	1.3	0.3	2.5	0.5	443.	0.5	0.8	0.3	1.5	0.5	443.	0.5	0.5	0.3	1.0	0.5	443.	0.5
750.	1.5	0.3	3.0	0.5	665.	0.5	1.0	0.3	2.0	0.5	665.	0.5	0.5	0.3	1.0	0.5	665.	0.5
1000.	4.0	0.3	4.0	1.5	887.	0.5	1.3	0.3	2.5	0.5	887.	0.5	0.8	0.3	1.5	0.5	887.	0.5
2500.	42.3	0.3	16.5	3.5	2217.	0.5	5.3	0.3	4.5	1.5	2217.	0.5	1.3	0.3	2.5	0.5	2217.	0.5
5000.	167.5	0.3	34.0	6.5	4434.	0.5	41.8	0.3	16.5	3.5	4434.	0.5	5.3	0.3	4.5	1.5	4434.	0.5
15000.	820.9	0.3	>50.0	16.5	13302.	0.5	347.8	0.3	48.5	9.5	13302.	0.5	95.0	0.3	25.0	5.5	13302.	0.5
25000.	1119.4	0.3	>50.0	22.5	22169.	0.5	721.4	0.3	>50.0	14.5	22169.	0.5	254.5	0.3	41.0	8.5	22169.	0.5
35000.	1268.6	0.3	>50.0	25.5	31037.	0.5	920.4	0.3	>50.0	18.5	31037.	0.5	572.1	0.3	>50.0	11.5	31037.	0.5
50000.	1417.9	0.3	>50.0	28.5	44339.	0.5	1119.4	0.3	>50.0	22.5	44339.	0.5	721.4	0.3	>50.0	14.5	44339.	0.5

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MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	2.8	0.8	5.5	0.5	115.	2.0	1.0	1.3	2.0	0.5	115.	2.0	0.0	0.0	0.0	0.0	0.	0.0
500.	10.0	0.8	10.0	1.5	230.	2.0	2.8	0.8	5.5	0.5	230.	2.0	1.0	1.3	2.0	0.5	230.	2.0
750.	18.0	0.8	14.0	1.5	345.	2.0	4.0	0.8	8.0	0.5	345.	2.0	1.8	1.3	3.5	0.5	345.	2.0
1000.	27.0	0.8	18.0	2.5	460.	2.0	10.0	0.8	10.0	1.5	460.	2.0	2.8	0.8	5.5	0.5	460.	2.0
2500.	111.8	0.8	38.5	3.5	1151.	2.0	40.3	0.8	21.5	2.5	1151.	2.0	14.0	0.8	12.0	1.5	1151.	2.0
5000.	323.4	0.3	>50.0	6.5	2301.	2.0	111.8	0.8	38.5	3.5	2301.	2.0	40.3	0.8	21.5	2.5	2301.	2.0
15000.	621.9	0.3	>50.0	12.5	6904.	2.0	472.6	0.3	>50.0	9.5	6904.	2.0	273.6	0.3	>50.0	5.5	6904.	2.0
25000.	721.4	0.3	>50.0	14.5	11507.	2.0	572.1	0.3	>50.0	11.5	11507.	2.0	422.9	0.3	>50.0	8.5	11507.	2.0
35000.	771.1	0.3	>50.0	15.5	16110.	2.0	671.6	0.3	>50.0	13.5	16110.	2.0	472.6	0.3	>50.0	9.5	16110.	2.0
50000.	820.9	0.3	>50.0	16.5	23015.	2.0	721.4	0.3	>50.0	14.5	23015.	2.0	572.1	0.3	>50.0	11.5	23015.	2.0

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MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.8	0.3	1.5	0.5	95.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	1.3	0.3	2.5	0.5	189.	0.5	0.8	0.3	1.5	0.5	189.	0.5	0.0	0.0	0.0	0.0	0.	0.0
750.	1.5	0.3	3.0	0.5	284.	0.5	1.0	0.3	2.0	0.5	284.	0.5	0.5	0.3	1.0	0.5	284.	0.5
1000.	4.0	0.3	4.0	1.5	378.	0.5	1.3	0.3	2.5	0.5	378.	0.5	0.8	0.3	1.5	0.5	378.	0.5
2500.	43.3	0.3	16.5	3.5	946.	0.5	5.3	0.3	4.5	1.5	946.	0.5	1.5	0.3	3.0	0.5	946.	0.5
5000.	167.5	0.3	34.0	6.5	1892.	0.5	42.8	0.3	16.5	3.5	1892.	0.5	5.3	0.3	4.5	1.5	1892.	0.5
15000.	820.9	0.3	>50.0	16.5	5677.	0.5	347.8	0.3	48.5	9.5	5677.	0.5	95.0	0.3	25.0	5.5	5677.	0.5
25000.	1119.4	0.3	>50.0	22.5	9462.	0.5	721.4	0.3	>50.0	14.5	9462.	0.5	254.5	0.3	41.0	8.5	9462.	0.5
35000.	1268.6	0.3	>50.0	25.5	13247.	0.5	920.4	0.3	>50.0	18.5	13247.	0.5	572.1	0.3	>50.0	11.5	13247.	0.5
50000.	1417.9	0.3	>50.0	28.5	18924.	0.5	1119.4	0.3	>50.0	22.5	18924.	0.5	721.4	0.3	>50.0	14.5	18924.	0.5
75000.	1567.1	0.3	>50.0	31.5	28386.	0.5	1318.4	0.3	>50.0	26.5	28386.	0.5	970.1	0.3	>50.0	19.5	28386.	0.5
100000.	1666.6	0.3	>50.0	33.5	37848.	0.5	1417.9	0.3	>50.0	28.5	37848.	0.5	1119.4	0.3	>50.0	22.5	37848.	0.5

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MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	3.3	2.3	6.5	0.5	83.	4.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	12.8	1.8	11.5	1.5	124.	4.0	2.3	2.3	4.5	0.5	124.	4.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	19.5	1.8	15.0	1.5	165.	4.0	3.3	2.3	6.5	0.5	165.	4.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	106.5	1.3	38.0	3.5	413.	4.0	31.3	1.3	19.5	2.5	413.	4.0	8.0	1.8	9.0	1.5	413.	4.0
5000.	316.9	1.3	>50.0	6.5	826.	4.0	104.8	1.3	37.5	3.5	826.	4.0	31.3	1.3	19.5	2.5	826.	4.0
15000.	615.6	0.8	>50.0	12.5	2478.	4.0	467.9	0.8	>50.0	9.5	2478.	4.0	268.1	1.3	>50.0	5.5	2478.	4.0
25000.	714.1	0.8	>50.0	14.5	4130.	4.0	566.4	0.8	>50.0	11.5	4130.	4.0	419.6	0.8	>50.0	8.5	4130.	4.0
35000.	763.4	0.8	>50.0	15.5	5782.	4.0	664.9	0.8	>50.0	13.5	5782.	4.0	517.1	0.8	>50.0	10.5	5782.	4.0
50000.	812.6	0.8	>50.0	16.5	8261.	4.0	714.1	0.8	>50.0	14.5	8261.	4.0	566.4	0.8	>50.0	11.5	8261.	4.0
75000.	911.1	0.8	>50.0	18.5	12391.	4.0	763.4	0.8	>50.0	15.5	12391.	4.0	664.9	0.8	>50.0	13.5	12391.	4.0
100000.	960.4	0.8	>50.0	19.5	16521.	4.0	812.6	0.8	>50.0	16.5	16521.	4.0	714.1	0.8	>50.0	14.5	16521.	4.0

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MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.3	0.8	0.5	0.5	61.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	1.3	0.3	2.5	0.5	123.	1.0	0.3	0.8	0.5	0.5	123.	1.0	0.0	0.0	0.0	0.0	0.	0.0
750.	1.5	0.3	3.0	0.5	184.	1.0	1.0	0.3	2.0	0.5	184.	1.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	4.0	0.3	4.0	1.5	245.	1.0	1.3	0.3	2.5	0.5	245.	1.0	0.3	0.8	0.5	0.5	245.	1.0
2500.	43.8	0.3	16.5	3.5	613.	1.0	5.3	0.3	4.5	1.5	613.	1.0	1.5	0.3	3.0	0.5	613.	1.0
5000.	168.0	0.3	34.0	6.5	1226.	1.0	43.3	0.3	16.5	3.5	1226.	1.0	5.3	0.3	4.5	1.5	1226.	1.0
15000.	820.9	0.3	>50.0	16.5	3679.	1.0	348.3	0.3	48.5	9.5	3679.	1.0	95.5	0.3	25.0	5.5	3679.	1.0
25000.	1119.4	0.3	>50.0	22.5	6132.	1.0	721.4	0.3	>50.0	14.5	6132.	1.0	255.0	0.3	41.0	8.5	6132.	1.0
35000.	1268.6	0.3	>50.0	25.5	8585.	1.0	920.4	0.3	>50.0	18.5	8585.	1.0	572.1	0.3	>50.0	11.5	8585.	1.0
50000.	1417.9	0.3	>50.0	28.5	12264.	1.0	1119.4	0.3	>50.0	22.5	12264.	1.0	721.4	0.3	>50.0	14.5	12264.	1.0
75000.	1567.1	0.3	>50.0	31.5	18397.	1.0	1318.4	0.3	>50.0	26.5	18397.	1.0	970.1	0.3	>50.0	19.5	18397.	1.0
100000.	1666.6	0.3	>50.0	33.5	24529.	1.0	1417.9	0.3	>50.0	28.5	24529.	1.0	1119.4	0.3	>50.0	22.5	24529.	1.0

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MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	2.5	4.3	5.0	0.5	60.	6.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	10.3	3.3	10.5	1.5	80.	6.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	96.5	2.3	36.0	3.5	200.	6.0	18.5	2.8	15.0	1.5	200.	6.0	0.3	5.8	0.5	0.5	200.	6.0
5000.	313.6	1.8	>50.0	6.5	401.	6.0	96.0	2.3	36.0	3.5	401.	6.0	18.5	2.8	15.0	1.5	401.	6.0
15000.	603.1	1.8	>50.0	12.5	1202.	6.0	458.4	1.8	>50.0	9.5	1202.	6.0	262.6	2.3	>50.0	5.5	1202.	6.0
25000.	706.9	1.3	>50.0	14.5	2003.	6.0	554.9	1.8	>50.0	11.5	2003.	6.0	410.1	1.8	>50.0	8.5	2003.	6.0
35000.	755.6	1.3	>50.0	15.5	2805.	6.0	651.4	1.8	>50.0	13.5	2805.	6.0	506.6	1.8	>50.0	10.5	2805.	6.0
50000.	804.4	1.3	>50.0	16.5	4006.	6.0	706.9	1.3	>50.0	14.5	4006.	6.0	554.9	1.8	>50.0	11.5	4006.	6.0
75000.	901.9	1.3	>50.0	18.5	6010.	6.0	755.6	1.3	>50.0	15.5	6010.	6.0	651.4	1.8	>50.0	13.5	6010.	6.0
100000.	950.6	1.3	>50.0	19.5	8013.	6.0	804.4	1.3	>50.0	16.5	8013.	6.0	706.9	1.3	>50.0	14.5	8013.	6.0

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MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 1500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	56.8	6.8	29.5	2.5	72.	15.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	294.1	4.8	>50.0	6.5	144.	15.5	56.8	6.8	29.5	2.5	144.	15.5	0.0	0.0	0.0	0.0	0.	0.0
15000.	578.1	3.8	>50.0	12.5	432.	15.5	434.6	4.3	>50.0	9.5	432.	15.5	199.1	5.8	>50.0	4.5	432.	15.5
25000.	677.9	3.3	>50.0	14.5	720.	15.5	531.9	3.8	>50.0	11.5	720.	15.5	384.6	4.8	>50.0	8.5	720.	15.5
35000.	724.6	3.3	>50.0	15.5	1008.	15.5	624.4	3.8	>50.0	13.5	1008.	15.5	480.4	4.3	>50.0	10.5	1008.	15.5
50000.	779.6	2.8	>50.0	16.5	1440.	15.5	677.9	3.3	>50.0	14.5	1440.	15.5	531.9	3.8	>50.0	11.5	1440.	15.5
75000.	874.1	2.8	>50.0	18.5	2160.	15.5	724.6	3.3	>50.0	15.5	2160.	15.5	624.4	3.8	>50.0	13.5	2160.	15.5
100000.	921.4	2.8	>50.0	19.5	2879.	15.5	779.6	2.8	>50.0	16.5	2879.	15.5	677.9	3.3	>50.0	14.5	2879.	15.5

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MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 2000.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	33.8	13.8	21.5	2.5	60.	21.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	271.4	8.3	>50.0	6.5	119.	21.5	31.5	13.8	21.0	2.5	119.	21.5	0.0	0.0	0.0	0.0	0.	0.0
15000.	553.1	5.8	>50.0	12.5	358.	21.5	406.1	7.3	>50.0	9.5	358.	21.5	181.1	9.8	>50.0	4.5	358.	21.5
25000.	648.9	5.3	>50.0	14.5	597.	21.5	503.1	6.3	>50.0	11.5	597.	21.5	359.1	7.8	>50.0	8.5	597.	21.5
35000.	693.6	5.3	>50.0	15.5	836.	21.5	597.4	5.8	>50.0	13.5	836.	21.5	454.1	6.8	>50.0	10.5	836.	21.5
50000.	746.6	4.8	>50.0	16.5	1194.	21.5	648.9	5.3	>50.0	14.5	1194.	21.5	503.1	6.3	>50.0	11.5	1194.	21.5
75000.	846.4	4.3	>50.0	18.5	1791.	21.5	701.4	4.8	>50.0	15.5	1791.	21.5	597.4	5.8	>50.0	13.5	1791.	21.5
100000.	892.1	4.3	>50.0	19.5	2388.	21.5	746.6	4.8	>50.0	16.5	2388.	21.5	648.9	5.3	>50.0	14.5	2388.	21.5

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MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
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	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
100.	0.3	0.3	0.5	0.5	76.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	0.3	0.3	0.5	0.5	189.	0.5	0.3	0.3	0.5	0.5	189.	0.5	0.0	0.0	0.0	0.0	0.	0.0
500.	0.5	0.3	1.0	0.5	378.	0.5	0.3	0.3	0.5	0.5	378.	0.5	0.3	0.3	0.5	0.5	378.	0.5
750.	0.8	0.3	1.5	0.5	567.	0.5	0.5	0.3	1.0	0.5	567.	0.5	0.3	0.3	0.5	0.5	567.	0.5
1000.	1.0	0.3	2.0	0.5	755.	0.5	0.5	0.3	1.0	0.5	755.	0.5	0.3	0.3	0.5	0.5	755.	0.5
2500.	5.5	0.3	5.0	1.5	1889.	0.5	1.0	0.3	2.0	0.5	1889.	0.5	0.8	0.3	1.5	0.5	1889.	0.5
5000.	27.8	0.3	13.5	2.5	3777.	0.5	5.0	0.3	5.0	1.5	3777.	0.5	1.0	0.3	2.0	0.5	3777.	0.5
15000.	286.3	0.3	45.5	8.5	11331.	0.5	65.5	0.3	21.0	4.5	11331.	0.5	13.3	0.3	9.5	2.5	11331.	0.5
25000.	671.6	0.3	>50.0	13.5	18885.	0.5	190.5	0.3	37.0	6.5	18885.	0.5	45.5	0.3	17.0	3.5	18885.	0.5
35000.	920.4	0.3	>50.0	18.5	26439.	0.5	472.6	0.3	>50.0	9.5	26439.	0.5	89.0	0.3	25.0	4.5	26439.	0.5

163

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
20.	0.3	0.3	0.5	0.5	85.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
50.	0.5	0.3	1.0	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.5
100.	1.0	0.3	2.0	0.5	423.	0.5	0.5	0.3	1.0	0.5	423.	0.5	0.3	0.3	0.5	0.5	423.	0.5
250.	2.0	0.3	4.0	0.5	1057.	0.5	1.3	0.3	2.5	0.5	1057.	0.5	0.8	0.3	1.5	0.5	1057.	0.5
500.	3.3	0.3	6.5	0.5	2115.	0.5	2.0	0.3	4.0	0.5	2115.	0.5	1.3	0.3	2.5	0.5	2115.	0.5
750.	7.8	0.3	8.5	1.5	3172.	0.5	2.8	0.3	5.5	0.5	3172.	0.5	1.5	0.3	3.0	0.5	3172.	0.5
1000.	11.8	0.3	10.5	1.5	4229.	0.5	3.3	0.3	6.5	0.5	4229.	0.5	2.0	0.3	4.0	0.5	4229.	0.5
2500.	36.5	0.3	20.0	2.5	10574.	0.5	14.5	0.3	12.0	1.5	10574.	0.5	3.8	0.3	7.5	0.5	10574.	0.5
5000.	89.3	0.3	32.5	3.5	21147.	0.5	36.5	0.3	20.0	2.5	21147.	0.5	14.5	0.3	12.0	1.5	21147.	0.5
15000.	373.1	0.3	>50.0	7.5	63441.	0.5	154.0	0.3	44.0	4.5	63441.	0.5	58.3	0.3	26.5	3.5	63441.	0.5
25000.	522.4	0.3	>50.0	10.5	105735.	0.5	323.4	0.3	>50.0	6.5	105735.	0.5	122.3	0.3	38.5	4.5	105735.	0.5
35000.	572.1	0.3	>50.0	11.5	148029.	0.5	422.9	0.3	>50.0	8.5	148029.	0.5	273.6	0.3	>50.0	5.5	148029.	0.5

164

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
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	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
100.	0.3	0.3	0.5	0.5	65.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	0.3	0.3	0.5	0.5	162.	0.5	0.3	0.3	0.5	0.5	162.	0.5	0.0	0.0	0.0	0.0	0.	0.0
500.	0.5	0.3	1.0	0.5	324.	0.5	0.3	0.3	0.5	0.5	324.	0.5	0.3	0.3	0.5	0.5	324.	0.5
750.	0.8	0.3	1.5	0.5	487.	0.5	0.5	0.3	1.0	0.5	487.	0.5	0.3	0.3	0.5	0.5	487.	0.5
1000.	1.0	0.3	2.0	0.5	649.	0.5	0.5	0.3	1.0	0.5	649.	0.5	0.3	0.3	0.5	0.5	649.	0.5
2500.	5.5	0.3	5.0	1.5	1622.	0.5	1.0	0.3	2.0	0.5	1622.	0.5	0.8	0.3	1.5	0.5	1622.	0.5
5000.	27.8	0.3	13.5	2.5	3244.	0.5	5.5	0.3	5.0	1.5	3244.	0.5	1.0	0.3	2.0	0.5	3244.	0.5
15000.	286.8	0.3	45.5	8.5	9732.	0.5	66.0	0.3	21.0	4.5	9732.	0.5	13.8	0.3	9.5	2.5	9732.	0.5
25000.	671.6	0.3	>50.0	13.5	16220.	0.5	190.5	0.3	37.0	6.5	16220.	0.5	46.0	0.3	17.0	3.5	16220.	0.5
35000.	920.4	0.3	>50.0	18.5	22708.	0.5	472.6	0.3	>50.0	9.5	22708.	0.5	89.0	0.3	25.0	4.5	22708.	0.5
50000.	1119.4	0.3	>50.0	22.5	32440.	0.5	671.6	0.3	>50.0	13.5	32440.	0.5	190.5	0.3	37.0	6.5	32440.	0.5

165

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
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	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
100.	0.8	0.3	1.5	0.5	90.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	1.8	0.3	3.5	0.5	226.	1.0	1.0	0.3	2.0	0.5	226.	1.0	0.5	0.3	1.0	0.5	226.	1.0
500.	3.0	0.3	6.0	0.5	452.	1.0	1.8	0.3	3.5	0.5	452.	1.0	1.0	0.3	2.0	0.5	452.	1.0
750.	5.8	0.3	6.5	1.5	678.	1.0	2.5	0.3	5.0	0.5	678.	1.0	1.5	0.3	3.0	0.5	678.	1.0
1000.	10.5	0.3	10.0	1.5	904.	1.0	3.0	0.3	6.0	0.5	904.	1.0	1.8	0.3	3.5	0.5	904.	1.0
2500.	35.3	0.3	19.5	2.5	2261.	1.0	14.0	0.3	12.0	1.5	2261.	1.0	3.5	0.3	7.0	0.5	2261.	1.0
5000.	87.8	0.3	32.5	3.5	4521.	1.0	35.3	0.3	19.5	2.5	4521.	1.0	14.0	0.3	12.0	1.5	4521.	1.0
15000.	373.1	0.3	>50.0	7.5	13564.	1.0	153.0	0.3	44.0	4.5	13564.	1.0	54.8	0.3	26.5	2.5	13564.	1.0
25000.	522.4	0.3	>50.0	10.5	22607.	1.0	323.4	0.3	>50.0	6.5	22607.	1.0	121.3	0.3	38.5	4.5	22607.	1.0
35000.	572.1	0.3	>50.0	11.5	31650.	1.0	422.9	0.3	>50.0	8.5	31650.	1.0	273.6	0.3	>50.0	5.5	31650.	1.0
50000.	671.6	0.3	>50.0	13.5	45214.	1.0	522.4	0.3	>50.0	10.5	45214.	1.0	323.4	0.3	>50.0	6.5	45214.	1.0

166

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2 LB/HR	ISOPLETH LEVEL=50 MICROGR/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=100 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=200 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	0.3	0.3	0.5	0.5	94.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.5	0.3	1.0	0.5	188.	0.5	0.3	0.3	0.5	0.5	188.	0.5	0.0	0.0	0.0	0.0	0.	0.0
750.	0.8	0.3	1.5	0.5	283.	0.5	0.5	0.3	1.0	0.5	283.	0.5	0.3	0.3	0.5	0.5	283.	0.5
1000.	1.0	0.3	2.0	0.5	377.	0.5	0.5	0.3	1.0	0.5	377.	0.5	0.3	0.3	0.5	0.5	377.	0.5
2500.	6.0	0.3	5.0	1.5	942.	0.5	1.0	0.3	2.0	0.5	942.	0.5	0.8	0.3	1.5	0.5	942.	0.5
5000.	27.3	0.3	13.5	2.5	1884.	0.5	6.0	0.3	5.0	1.5	1884.	0.5	1.0	0.3	2.0	0.5	1884.	0.5
15000.	286.8	0.3	45.5	8.5	5652.	0.5	66.5	0.3	21.0	4.5	5652.	0.5	13.8	0.3	9.5	2.5	5652.	0.5
25000.	671.6	0.3	>50.0	13.5	9421.	0.5	190.5	0.3	37.0	6.5	9421.	0.5	46.0	0.3	17.0	3.5	9421.	0.5
35000.	920.4	0.3	>50.0	18.5	13189.	0.5	472.6	0.3	>50.0	9.5	13189.	0.5	89.0	0.3	25.0	4.5	13189.	0.5
5000C.	1119.4	0.3	>50.0	22.5	18841.	0.5	671.6	0.3	>50.0	13.5	18841.	0.5	190.5	0.3	37.0	6.5	18841.	0.5

167

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2 LB/HR	ISOPLETH LEVEL=50 MICROGR/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=100 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=200 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	2.3	0.8	4.5	0.5	92.	2.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	3.3	0.8	6.5	0.5	138.	2.0	1.3	1.3	2.5	0.5	138.	2.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	6.3	0.8	8.5	1.5	184.	2.0	2.3	0.8	4.5	0.5	184.	2.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	29.8	0.8	18.5	2.5	461.	2.0	10.8	0.8	10.5	1.5	461.	2.0	2.8	0.8	5.5	0.5	461.	2.0
5000.	83.3	0.8	31.5	3.5	922.	2.0	29.5	0.8	18.0	2.5	922.	2.0	10.8	0.8	10.5	1.5	922.	2.0
15000.	422.9	0.3	>50.0	8.5	2765.	2.0	148.0	0.8	43.0	4.5	2765.	2.0	52.0	0.8	25.0	2.5	2765.	2.0
25000.	522.4	0.3	>50.0	10.5	4609.	2.0	320.1	0.8	>50.0	6.5	4609.	2.0	107.3	0.8	37.5	3.5	4609.	2.0
35000.	621.9	0.3	>50.0	12.5	6452.	2.0	472.6	0.3	>50.0	9.5	6452.	2.0	270.9	0.8	>50.0	5.5	6452.	2.0
50000.	671.6	0.3	>50.0	13.5	9218.	2.0	522.4	0.3	>50.0	10.5	9218.	2.0	320.1	0.8	>50.0	6.5	9218.	2.0

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MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2 LB/HR	ISOPLETH LEVEL=50 MICROGR/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=100 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=200 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.5	0.3	1.0	0.5	76.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.8	0.3	1.5	0.5	114.	0.5	0.5	0.3	1.0	0.5	114.	0.5	0.0	0.0	0.0	0.0	0.	0.0
1000.	1.0	0.3	2.0	0.5	152.	0.5	0.5	0.3	1.0	0.5	152.	0.5	0.0	0.0	0.0	0.0	0.	0.0
2500.	6.0	0.3	5.0	1.5	381.	0.5	1.0	0.3	2.0	0.5	381.	0.5	0.5	0.3	1.0	0.5	381.	0.5
5000.	26.8	0.3	13.5	2.5	762.	0.5	6.0	0.3	5.0	1.5	762.	0.5	1.0	0.3	2.0	0.5	762.	0.5
15000.	286.8	0.3	45.5	8.5	2285.	0.5	66.5	0.3	21.0	4.5	2285.	0.5	13.8	0.3	9.5	2.5	2285.	0.5
2500C.	671.6	0.3	>50.0	13.5	3809.	0.5	190.5	0.3	37.0	6.5	3809.	0.5	46.0	0.3	17.0	3.5	3809.	0.5
35000.	920.4	0.3	>50.0	18.5	5333.	0.5	472.6	0.3	>50.0	9.5	5333.	0.5	89.0	0.3	25.0	4.5	5333.	0.5
5C00C.	1119.4	0.3	>50.0	22.5	7618.	0.5	671.6	0.3	>50.0	13.5	7618.	0.5	190.5	0.3	37.0	6.5	7618.	0.5
75000.	1318.4	0.3	>50.0	26.5	11427.	0.5	970.1	0.3	>50.0	19.5	11427.	0.5	522.4	0.3	>50.0	10.5	11427.	0.5
100000.	1417.9	0.3	>50.0	28.5	15236.	0.5	1119.4	0.3	>50.0	22.5	15236.	0.5	671.6	0.3	>50.0	13.5	15236.	0.5

169

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	2.5	2.3	5.0	0.5	66.	4.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	20.3	1.8	15.5	1.5	165.	4.0	3.5	2.3	7.0	0.5	165.	4.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	71.3	1.3	29.5	3.5	331.	4.0	20.3	1.8	15.5	1.5	331.	4.0	3.5	2.3	7.0	0.5	331.	4.0
15000.	414.4	1.3	>50.0	8.5	992.	4.0	148.5	1.3	46.0	4.5	992.	4.0	44.0	1.3	23.0	2.5	992.	4.0
25000.	517.1	0.8	>50.0	10.5	1654.	4.0	316.9	1.3	>50.0	6.5	1654.	4.0	99.3	1.3	35.5	3.5	1654.	4.0
35000.	615.6	0.8	>50.0	12.5	2316.	4.0	463.1	1.3	>50.0	9.5	2316.	4.0	219.4	1.3	>50.0	4.5	2316.	4.0
50000.	664.9	0.8	>50.0	13.5	3308.	4.0	517.1	0.8	>50.0	10.5	3308.	4.0	316.9	1.3	>50.0	6.5	3308.	4.0
75000.	763.4	0.8	>50.0	15.5	4962.	4.0	615.6	0.8	>50.0	12.5	4962.	4.0	463.1	1.3	>50.0	9.5	4962.	4.0
100000.	812.6	0.8	>50.0	16.5	6616.	4.0	664.9	0.8	>50.0	13.5	6616.	4.0	517.1	0.8	>50.0	10.5	6616.	4.0

170

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.3	0.8	0.5	0.5	51.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.5	0.8	1.0	0.5	77.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.5	0.8	1.0	0.5	102.	1.0	0.3	0.8	0.5	0.5	102.	1.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	6.5	0.3	6.0	1.5	256.	1.0	1.3	0.3	2.5	0.5	256.	1.0	0.3	0.8	0.5	0.5	256.	1.0
5000.	26.8	0.3	13.5	2.5	511.	1.0	6.5	0.3	6.0	1.5	511.	1.0	1.3	0.3	2.5	0.5	511.	1.0
15000.	286.8	0.3	45.5	8.5	1533.	1.0	66.5	0.3	21.0	4.5	1533.	1.0	14.3	0.3	9.5	2.5	1533.	1.0
25000.	671.6	0.3	>50.0	13.5	2555.	1.0	190.5	0.3	37.0	6.5	2555.	1.0	46.0	0.3	17.0	3.5	2555.	1.0
35000.	920.4	0.3	>50.0	18.5	3577.	1.0	472.6	0.3	>50.0	9.5	3577.	1.0	89.0	0.3	25.0	4.5	3577.	1.0
50000.	1119.4	0.3	>50.0	22.5	5110.	1.0	671.6	0.3	>50.0	13.5	5110.	1.0	190.5	0.3	37.0	6.5	5110.	1.0
75000.	1318.4	0.3	>50.0	26.5	7665.	1.0	970.1	0.3	>50.0	19.5	7665.	1.0	522.4	0.3	>50.0	10.5	7665.	1.0
100000.	1417.9	0.3	>50.0	28.5	10220.	1.0	1119.4	0.3	>50.0	22.5	10220.	1.0	671.6	0.3	>50.0	13.5	10220.	1.0

171

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	11.5	3.3	11.0	1.5	80.	6.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	54.3	2.3	26.5	2.5	161.	6.5	11.5	3.3	11.0	1.5	161.	6.5	0.0	0.0	0.0	0.0	0.	0.0
15000.	410.1	1.8	>50.0	8.5	483.	6.5	132.0	2.3	45.0	3.5	483.	6.5	28.0	2.8	19.0	2.5	483.	6.5
25000.	506.6	1.8	>50.0	10.5	804.	6.5	313.6	1.8	>50.0	6.5	804.	6.5	86.5	2.3	33.0	3.5	804.	6.5
35000.	603.1	1.8	>50.0	12.5	1126.	6.5	458.4	1.8	>50.0	9.5	1126.	6.5	214.9	2.3	>50.0	4.5	1126.	6.5
50000.	651.4	1.8	>50.0	13.5	1609.	6.5	506.6	1.8	>50.0	10.5	1609.	6.5	313.6	1.8	>50.0	6.5	1609.	6.5
75000.	755.6	1.3	>50.0	15.5	2413.	6.5	603.1	1.8	>50.0	12.5	2413.	6.5	458.4	1.8	>50.0	9.5	2413.	6.5
100000.	804.4	1.3	>50.0	16.5	3217.	6.5	651.4	1.8	>50.0	13.5	3217.	6.5	506.6	1.8	>50.0	10.5	3217.	6.5

172

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 1500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2 LB/HR	ISOPLETH LEVEL=50 MICROGR/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=100 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=200 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	10.0	8.8	12.0	1.5	56.	13.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	384.6	4.8	>50.0	8.5	168.	13.0	101.5	6.3	40.0	3.5	168.	13.0	0.0	0.0	0.0	0.0	0.	0.0
25000.	480.4	4.3	>50.0	10.5	280.	13.0	290.9	5.3	>50.0	6.5	280.	13.0	54.3	6.8	30.5	2.5	280.	13.0
35000.	578.1	3.8	>50.0	12.5	392.	13.0	384.6	4.8	>50.0	8.5	392.	13.0	199.1	5.8	>50.0	4.5	392.	13.0
50000.	624.4	3.8	>50.0	13.5	560.	13.0	480.4	4.3	>50.0	10.5	560.	13.0	290.9	5.3	>50.0	6.5	560.	13.0
75000.	724.6	3.3	>50.0	15.5	841.	13.0	578.1	3.8	>50.0	12.5	841.	13.0	434.6	4.3	>50.0	9.5	841.	13.0
100000.	771.4	3.3	>50.0	16.5	1121.	13.0	624.4	3.8	>50.0	13.5	1121.	13.0	480.4	4.3	>50.0	10.5	1121.	13.0

173

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 2000.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2 LB/HR	ISOPLETH LEVEL=50 MICROGR/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=100 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=200 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	350.6	8.8	>50.0	8.5	145.	20.5	81.8	15.3	30.5	3.5	145.	20.5	0.0	0.0	0.0	0.0	0.	0.0
25000.	448.9	7.3	>50.0	10.5	242.	20.5	261.6	9.8	>50.0	6.5	242.	20.5	33.0	18.8	17.0	2.5	242.	20.5
35000.	540.6	6.8	>50.0	12.5	339.	20.5	354.9	8.3	>50.0	8.5	339.	20.5	169.9	12.3	>50.0	4.5	339.	20.5
50000.	590.6	6.3	>50.0	13.5	484.	20.5	448.9	7.3	>50.0	10.5	484.	20.5	261.6	9.8	>50.0	6.5	484.	20.5
75000.	685.9	5.8	>50.0	15.5	726.	20.5	546.9	6.3	>50.0	12.5	726.	20.5	396.6	8.3	>50.0	9.5	726.	20.5
100000.	738.4	5.3	>50.0	16.5	969.	20.5	590.6	6.3	>50.0	13.5	969.	20.5	448.9	7.3	>50.0	10.5	969.	20.5

174

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2 LB/HR	ISOPLETH LEVEL=50 MICROGR/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=100 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=200 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	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.	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	0.3	0.3	0.5	0.5	94.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.3	0.3	0.5	0.5	189.	0.5	0.3	0.3	0.5	0.5	189.	0.5	0.0	0.0	0.0	0.0	0.	0.0
750.	0.5	0.3	1.0	0.5	283.	0.5	0.3	0.3	0.5	0.5	283.	0.5	0.3	0.3	0.5	0.5	283.	0.5
1000.	0.5	0.3	1.0	0.5	378.	0.5	0.3	0.3	0.5	0.5	378.	0.5	0.3	0.3	0.5	0.5	378.	0.5
2500.	1.0	0.3	2.0	0.5	944.	0.5	0.8	0.3	1.5	0.5	944.	0.5	0.5	0.3	1.0	0.5	944.	0.5
5000.	5.5	0.3	5.0	1.5	1889.	0.5	1.0	0.3	2.0	0.5	1889.	0.5	0.8	0.3	1.5	0.5	1889.	0.5
15000.	65.5	0.3	21.0	4.5	5666.	0.5	13.3	0.3	9.5	2.5	5666.	0.5	1.3	0.3	2.5	0.5	5666.	0.5
25000.	190.5	0.3	37.0	6.5	9443.	0.5	45.5	0.3	17.0	3.5	9443.	0.5	6.8	0.3	5.5	1.5	9443.	0.5
35000.	472.6	0.3	>50.0	9.5	13220.	0.5	89.0	0.3	25.0	4.5	13220.	0.5	20.8	0.3	11.5	2.5	13220.	0.5

175

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
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	0.0	0.0	0.0	0.	0.0
50.	0.3	0.3	0.5	0.5	106.	0.5	0.3	0.3	0.5	0.5	106.	0.5	0.0	0.0	0.0	0.0	0.	0.0
100.	0.5	0.3	1.0	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.5
250.	1.3	0.3	2.5	0.5	529.	0.5	0.8	0.3	1.5	0.5	529.	0.5	0.5	0.3	1.0	0.5	529.	0.5
500.	2.0	0.3	4.0	0.5	1057.	0.5	1.3	0.3	2.5	0.5	1057.	0.5	0.8	0.3	1.5	0.5	1057.	0.5
750.	2.8	0.3	5.5	0.5	1586.	0.5	1.5	0.3	3.0	0.5	1586.	0.5	1.0	0.3	2.0	0.5	1586.	0.5
1000.	3.3	0.3	6.5	0.5	2115.	0.5	2.0	0.3	4.0	0.5	2115.	0.5	1.3	0.3	2.5	0.5	2115.	0.5
2500.	14.8	0.3	12.5	1.5	5287.	0.5	3.8	0.3	7.5	0.5	5287.	0.5	2.3	0.3	4.5	0.5	5287.	0.5
5000.	36.5	0.3	20.0	2.5	10574.	0.5	14.5	0.3	12.0	1.5	10574.	0.5	3.8	0.3	7.5	0.5	10574.	0.5
15000.	155.0	0.3	44.0	4.5	31721.	0.5	58.3	0.3	26.5	3.5	31721.	0.5	21.8	0.3	16.5	1.5	31721.	0.5
25000.	323.4	0.3	>50.0	6.5	52868.	0.5	122.3	0.3	38.5	4.5	52868.	0.5	46.3	0.3	23.5	2.5	52868.	0.5
35000.	422.9	0.3	>50.0	8.5	74015.	0.5	273.6	0.3	>50.0	5.5	74015.	0.5	75.8	0.3	29.5	3.5	74015.	0.5

176

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
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	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.	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	0.3	0.3	0.5	0.5	81.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.3	0.3	0.5	0.5	162.	0.5	0.3	0.3	0.5	0.5	162.	0.5	0.0	0.0	0.0	0.0	0.	0.0
750.	0.5	0.3	1.0	0.5	243.	0.5	0.3	0.3	0.5	0.5	243.	0.5	0.3	0.3	0.5	0.5	243.	0.5
1000.	0.5	0.3	1.0	0.5	324.	0.5	0.3	0.3	0.5	0.5	324.	0.5	0.3	0.3	0.5	0.5	324.	0.5
2500.	1.0	0.3	2.0	0.5	811.	0.5	0.8	0.3	1.5	0.5	811.	0.5	0.5	0.3	1.0	0.5	811.	0.5
5000.	5.5	0.3	5.0	1.5	1622.	0.5	1.0	0.3	2.0	0.5	1622.	0.5	0.8	0.3	1.5	0.5	1622.	0.5
15000.	66.0	0.3	21.0	4.5	4866.	0.5	13.8	0.3	9.5	2.5	4866.	0.5	1.3	0.3	2.5	0.5	4866.	0.5
25000.	190.5	0.3	37.0	6.5	8110.	0.5	46.0	0.3	17.0	3.5	8110.	0.5	10.0	0.3	8.0	1.5	8110.	0.5
35000.	472.6	0.3	>50.0	9.5	11354.	0.5	89.0	0.3	25.0	4.5	11354.	0.5	21.3	0.3	11.5	2.5	11354.	0.5
50000.	671.6	0.3	>50.0	13.5	16220.	0.5	190.5	0.3	37.0	6.5	16220.	0.5	46.0	0.3	17.0	3.5	16220.	0.5

177

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
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	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.	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	1.0	0.3	2.0	0.5	113.	1.0	0.5	0.3	1.0	0.5	113.	1.0	0.0	0.0	0.0	0.0	0.	0.0
500.	1.8	0.3	3.5	0.5	226.	1.0	1.0	0.3	2.0	0.5	226.	1.0	0.5	0.3	1.0	0.5	226.	1.0
750.	2.5	0.3	5.0	0.5	339.	1.0	1.5	0.3	3.0	0.5	339.	1.0	0.8	0.3	1.5	0.5	339.	1.0
1000.	3.0	0.3	6.0	0.5	452.	1.0	1.8	0.3	3.5	0.5	452.	1.0	1.0	0.3	2.0	0.5	452.	1.0
2500.	14.0	0.3	12.0	1.5	1130.	1.0	3.5	0.3	7.0	0.5	1130.	1.0	2.3	0.3	4.5	0.5	1130.	1.0
5000.	35.3	0.3	19.5	2.5	2261.	1.0	14.0	0.3	12.0	1.5	2261.	1.0	3.5	0.3	7.0	0.5	2261.	1.0
15000.	154.5	0.3	44.0	4.5	6782.	1.0	54.8	0.3	26.5	2.5	6782.	1.0	21.0	0.3	16.0	1.5	6782.	1.0
25000.	323.4	0.3	>50.0	6.5	11304.	1.0	121.3	0.3	38.5	4.5	11304.	1.0	46.0	0.3	23.0	2.5	11304.	1.0
35000.	422.9	0.3	>50.0	8.5	15825.	1.0	273.6	0.3	>50.0	5.5	15825.	1.0	74.3	0.3	29.5	3.5	15825.	1.0
50000.	522.4	0.3	>50.0	10.5	22607.	1.0	323.4	0.3	>50.0	6.5	22607.	1.0	121.3	0.3	38.5	4.5	22607.	1.0

178

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.3	0.3	0.5	0.5	94.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.5	0.3	1.0	0.5	141.	0.5	0.3	0.3	0.5	0.5	141.	0.5	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.5	0.3	1.0	0.5	188.	0.5	0.3	0.3	0.5	0.5	188.	0.5	0.0	0.0	0.0	0.0	0.	0.0
2500.	1.0	0.3	2.0	0.5	471.	0.5	0.8	0.3	1.5	0.5	471.	0.5	0.5	0.3	1.0	0.5	471.	0.5
5000.	6.0	0.3	5.0	1.5	942.	0.5	1.0	0.3	2.0	0.5	942.	0.5	0.8	0.3	1.5	0.5	942.	0.5
15000.	66.5	0.3	21.0	4.5	2826.	0.5	13.8	0.3	9.5	2.5	2826.	0.5	2.0	0.3	4.0	0.5	2826.	0.5
25000.	190.5	0.3	37.0	6.5	4710.	0.5	46.0	0.3	17.0	3.5	4710.	0.5	10.0	0.3	8.0	1.5	4710.	0.5
35000.	472.6	0.3	>50.0	9.5	6594.	0.5	89.0	0.3	25.0	4.5	6594.	0.5	21.3	0.3	11.5	2.5	6594.	0.5
50000.	671.6	0.3	>50.0	13.5	9421.	0.5	190.5	0.3	37.0	6.5	9421.	0.5	46.0	0.3	17.0	3.5	9421.	0.5

179

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	1.3	1.3	2.5	0.5	69.	2.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	2.3	0.8	4.5	0.5	92.	2.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	10.8	0.8	10.5	1.5	230.	2.0	2.8	0.8	5.5	0.5	230.	2.0	1.0	1.3	2.0	0.5	230.	2.0
5000.	29.8	0.8	18.5	2.5	461.	2.0	10.8	0.8	10.5	1.5	461.	2.0	2.8	0.8	5.5	0.5	461.	2.0
15000.	149.0	0.8	43.0	4.5	1383.	2.0	52.0	0.8	25.0	2.5	1383.	2.0	18.3	0.8	14.5	1.5	1383.	2.0
25000.	320.1	0.8	>50.0	6.5	2304.	2.0	107.3	0.8	37.5	3.5	2304.	2.0	41.3	0.8	21.5	2.5	2304.	2.0
35000.	472.6	0.3	>50.0	9.5	3226.	2.0	270.9	0.8	>50.0	5.5	3226.	2.0	67.0	0.8	28.0	3.5	3226.	2.0
50000.	522.4	0.3	>50.0	10.5	4609.	2.0	320.1	0.8	>50.0	6.5	4609.	2.0	107.3	0.8	37.5	3.5	4609.	2.0

180

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.5	0.3	1.0	0.5	57.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.5	0.3	1.0	0.5	76.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	1.0	0.3	2.0	0.5	190.	0.5	0.5	0.3	1.0	0.5	190.	0.5	0.0	0.0	0.0	0.0	0.	0.0
5000.	6.0	0.3	5.0	1.5	381.	0.5	1.0	0.3	2.0	0.5	381.	0.5	0.5	0.3	1.0	0.5	381.	0.5
15000.	66.5	0.3	21.0	4.5	1143.	0.5	13.8	0.3	9.5	2.5	1143.	0.5	2.0	0.3	4.0	0.5	1143.	0.5
25000.	190.5	0.3	37.0	6.5	1904.	0.5	46.0	0.3	17.0	3.5	1904.	0.5	10.0	0.3	8.0	1.5	1904.	0.5
35000.	472.6	0.3	>50.0	9.5	2666.	0.5	89.0	0.3	25.0	4.5	2666.	0.5	21.3	0.3	11.5	2.5	2666.	0.5
50000.	671.6	0.3	>50.0	13.5	3809.	0.5	190.5	0.3	37.0	6.5	3809.	0.5	46.0	0.3	17.0	3.5	3809.	0.5
75000.	970.1	0.3	>50.0	19.5	5713.	0.5	522.4	0.3	>50.0	10.5	5713.	0.5	106.0	0.3	27.0	5.5	5713.	0.5
100000.	1119.4	0.3	>50.0	22.5	7618.	0.5	671.6	0.3	>50.0	13.5	7618.	0.5	190.5	0.3	37.0	6.5	7618.	0.5

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MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	3.5	2.3	7.0	0.5	83.	4.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	20.3	1.8	15.5	1.5	165.	4.0	3.5	2.3	7.0	0.5	165.	4.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	149.8	1.3	46.5	4.5	496.	4.0	44.0	1.3	23.0	2.5	496.	4.0	13.3	1.8	11.5	1.5	496.	4.0
25000.	316.9	1.3	>50.0	6.5	827.	4.0	99.3	1.3	35.5	3.5	827.	4.0	32.8	1.3	19.5	2.5	827.	4.0
35000.	463.1	1.3	>50.0	9.5	1158.	4.0	219.4	1.3	>50.0	4.5	1158.	4.0	53.8	1.3	26.5	2.5	1158.	4.0
50000.	517.1	0.8	>50.0	10.5	1654.	4.0	316.9	1.3	>50.0	6.5	1654.	4.0	99.3	1.3	35.5	3.5	1654.	4.0
75000.	615.6	0.8	>50.0	12.5	2481.	4.0	463.1	1.3	>50.0	9.5	2481.	4.0	268.1	1.3	>50.0	5.5	2481.	4.0
100000.	664.9	0.8	>50.0	13.5	3308.	4.0	517.1	0.8	>50.0	10.5	3308.	4.0	316.9	1.3	>50.0	6.5	3308.	4.0

182

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.3	0.8	0.5	0.5	51.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	1.3	0.3	2.5	0.5	128.	1.0	0.3	0.8	0.5	0.5	128.	1.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	6.5	0.3	6.0	1.5	256.	1.0	1.3	0.3	2.5	0.5	256.	1.0	0.3	0.8	0.5	0.5	256.	1.0
15000.	66.5	0.3	21.0	4.5	767.	1.0	14.3	0.3	9.5	2.5	767.	1.0	2.0	0.3	4.0	0.5	767.	1.0
25000.	190.5	0.3	37.0	6.5	1278.	1.0	46.0	0.3	17.0	3.5	1278.	1.0	10.5	0.3	8.0	1.5	1278.	1.0
35000.	472.6	0.3	>50.0	9.5	1789.	1.0	89.0	0.3	25.0	4.5	1789.	1.0	21.8	0.3	11.5	2.5	1789.	1.0
50000.	671.6	0.3	>50.0	13.5	2555.	1.0	190.5	0.3	37.0	6.5	2555.	1.0	46.0	0.3	17.0	3.5	2555.	1.0
75000.	970.1	0.3	>50.0	19.5	3833.	1.0	522.4	0.3	>50.0	10.5	3833.	1.0	106.5	0.3	27.0	5.5	3833.	1.0
100000.	1119.4	0.3	>50.0	22.5	5110.	1.0	671.6	0.3	>50.0	13.5	5110.	1.0	190.5	0.3	37.0	6.5	5110.	1.0

183

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	11.5	3.3	11.0	1.5	80.	6.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	133.0	2.3	45.0	3.5	241.	6.5	28.0	2.8	19.0	2.5	241.	6.5	2.8	4.3	5.5	0.5	241.	6.5
25000.	313.6	1.8	>50.0	6.5	402.	6.5	86.5	2.3	33.0	3.5	402.	6.5	19.3	2.8	15.5	1.5	402.	6.5
35000.	458.4	1.8	>50.0	9.5	563.	6.5	214.9	2.3	>50.0	4.5	563.	6.5	42.8	2.8	22.5	2.5	563.	6.5
50000.	506.6	1.8	>50.0	10.5	804.	6.5	313.6	1.8	>50.0	6.5	804.	6.5	86.5	2.3	33.0	3.5	804.	6.5
75000.	603.1	1.8	>50.0	12.5	1206.	6.5	458.4	1.8	>50.0	9.5	1206.	6.5	262.6	2.3	>50.0	5.5	1206.	6.5
100000.	651.4	1.8	>50.0	13.5	1609.	6.5	506.6	1.8	>50.0	10.5	1609.	6.5	313.6	1.8	>50.0	6.5	1609.	6.5

184

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 1500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	101.8	6.3	40.5	3.5	84.	13.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
25000.	290.9	5.3	>50.0	6.5	140.	13.0	54.3	6.8	30.5	2.5	140.	13.0	0.0	0.0	0.0	0.0	0.	0.0
35000.	384.6	4.8	>50.0	8.5	196.	13.0	199.1	5.8	>50.0	4.5	196.	13.0	0.0	0.0	0.0	0.0	0.	0.0
50000.	480.4	4.3	>50.0	10.5	280.	13.0	290.9	5.3	>50.0	6.5	280.	13.0	54.3	6.8	30.5	2.5	280.	13.0
75000.	578.1	3.8	>50.0	12.5	420.	13.0	434.6	4.3	>50.0	9.5	420.	13.0	199.1	5.8	>50.0	4.5	420.	13.0
100000.	624.4	3.8	>50.0	13.5	560.	13.0	480.4	4.3	>50.0	10.5	560.	13.0	290.9	5.3	>50.0	6.5	560.	13.0

185

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 2000.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	82.0	15.3	31.0	3.5	73.	20.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
25000.	261.6	9.8	>50.0	6.5	121.	20.5	33.0	18.8	17.0	2.5	121.	20.5	0.0	0.0	0.0	0.0	0.	0.0
35000.	354.9	8.3	>50.0	8.5	170.	20.5	169.9	12.3	>50.0	4.5	170.	20.5	0.0	0.0	0.0	0.0	0.	0.0
50000.	448.9	7.3	>50.0	10.5	242.	20.5	261.6	9.8	>50.0	6.5	242.	20.5	33.0	18.8	17.0	2.5	242.	20.5
75000.	546.9	6.3	>50.0	12.5	363.	20.5	396.6	8.3	>50.0	9.5	363.	20.5	172.1	11.8	>50.0	4.5	363.	20.5
100000.	590.6	6.3	>50.0	13.5	484.	20.5	448.9	7.3	>50.0	10.5	484.	20.5	261.6	9.8	>50.0	6.5	484.	20.5

186

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
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	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.	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	0.3	0.3	0.5	0.5	63.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.3	0.3	0.5	0.5	126.	0.5	0.3	0.3	0.5	0.5	126.	0.5	0.0	0.0	0.0	0.0	0.	0.0
750.	0.3	0.3	0.5	0.5	189.	0.5	0.3	0.3	0.5	0.5	189.	0.5	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.5	0.3	1.0	0.5	252.	0.5	0.3	0.3	0.5	0.5	252.	0.5	0.3	0.3	0.5	0.5	252.	0.5
2500.	0.8	0.3	1.5	0.5	630.	0.5	0.5	0.3	1.0	0.5	630.	0.5	0.3	0.3	0.5	0.5	630.	0.5
5000.	1.3	0.3	2.5	0.5	1259.	0.5	0.8	0.3	1.5	0.5	1259.	0.5	0.5	0.3	1.0	0.5	1259.	0.5
15000.	27.8	0.3	13.5	2.5	3777.	0.5	5.0	0.3	5.0	1.5	3777.	0.5	1.0	0.3	2.0	0.5	3777.	0.5
25000.	81.8	0.3	23.5	4.5	6295.	0.5	18.0	0.3	11.0	2.5	6295.	0.5	2.5	0.3	4.0	1.5	6295.	0.5
35000.	169.8	0.3	34.5	6.5	8813.	0.5	40.0	0.3	16.0	3.5	8813.	0.5	6.8	0.3	5.5	1.5	8813.	0.5

187

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	0.0	0.0	0.0	0.	0.0
50.	0.3	0.3	0.5	0.5	70.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
100.	0.5	0.3	1.0	0.5	141.	0.5	0.3	0.3	0.5	0.5	141.	0.5	0.0	0.0	0.0	0.0	0.	0.0
250.	1.0	0.3	2.0	0.5	352.	0.5	0.5	0.3	1.0	0.5	352.	0.5	0.3	0.3	0.5	0.5	352.	0.5
500.	1.5	0.3	3.0	0.5	705.	0.5	1.0	0.3	2.0	0.5	705.	0.5	0.5	0.3	1.0	0.5	705.	0.5
750.	2.0	0.3	4.0	0.5	1057.	0.5	1.3	0.3	2.5	0.5	1057.	0.5	0.8	0.3	1.5	0.5	1057.	0.5
1000.	2.5	0.3	5.0	0.5	1410.	0.5	1.5	0.3	3.0	0.5	1410.	0.5	1.0	0.3	2.0	0.5	1410.	0.5
2500.	9.0	0.3	9.0	1.5	3525.	0.5	2.8	0.3	5.5	0.5	3525.	0.5	1.8	0.3	3.5	0.5	3525.	0.5
5000.	19.5	0.3	15.0	1.5	7049.	0.5	9.0	0.3	9.0	1.5	7049.	0.5	2.8	0.3	5.5	0.5	7049.	0.5
15000.	89.3	0.3	32.5	3.5	21147.	0.5	36.5	0.3	20.0	2.5	21147.	0.5	14.5	0.3	12.0	1.5	21147.	0.5
25000.	180.3	0.3	47.5	5.5	35245.	0.5	71.3	0.3	28.5	3.5	35245.	0.5	27.3	0.3	17.5	2.5	35245.	0.5
35000.	323.4	0.3	>50.0	6.5	49343.	0.5	107.3	0.3	36.5	4.5	49343.	0.5	43.5	0.3	22.0	2.5	49343.	0.5

188

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	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.	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	0.3	0.3	0.5	0.5	54.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.3	0.3	0.5	0.5	108.	0.5	0.3	0.3	0.5	0.5	108.	0.5	0.0	0.0	0.0	0.0	0.	0.0
750.	0.3	0.3	0.5	0.5	162.	0.5	0.3	0.3	0.5	0.5	162.	0.5	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.5	0.3	1.0	0.5	216.	0.5	0.3	0.3	0.5	0.5	216.	0.5	0.3	0.3	0.5	0.5	216.	0.5
2500.	0.8	0.3	1.5	0.5	541.	0.5	0.5	0.3	1.0	0.5	541.	0.5	0.3	0.3	0.5	0.5	541.	0.5
5000.	1.3	0.3	2.5	0.5	1081.	0.5	0.8	0.3	1.5	0.5	1081.	0.5	0.5	0.3	1.0	0.5	1081.	0.5
15000.	27.8	0.3	13.5	2.5	3244.	0.5	5.5	0.3	5.0	1.5	3244.	0.5	1.0	0.3	2.0	0.5	3244.	0.5
25000.	81.8	0.3	23.5	4.5	5407.	0.5	18.0	0.3	11.0	2.5	5407.	0.5	2.5	0.3	4.0	1.5	5407.	0.5
35000.	169.8	0.3	34.5	6.5	7569.	0.5	40.0	0.3	16.0	3.5	7569.	0.5	8.8	0.3	7.5	1.5	7569.	0.5
50000.	472.6	0.3	>50.0	9.5	10813.	0.5	80.8	0.3	23.5	4.5	10813.	0.5	18.0	0.3	11.0	2.5	10813.	0.5

189

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	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.	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	0.8	0.3	1.5	0.5	75.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	1.3	0.3	2.5	0.5	151.	1.0	0.8	0.3	1.5	0.5	151.	1.0	0.0	0.0	0.0	0.0	0.	0.0
750.	1.8	0.3	3.5	0.5	226.	1.0	1.0	0.3	2.0	0.5	226.	1.0	0.5	0.3	1.0	0.5	226.	1.0
1000.	2.3	0.3	4.5	0.5	301.	1.0	1.3	0.3	2.5	0.5	301.	1.0	0.8	0.3	1.5	0.5	301.	1.0
2500.	8.0	0.3	9.0	1.5	754.	1.0	2.8	0.3	5.5	0.5	754.	1.0	1.5	0.3	3.0	0.5	754.	1.0
5000.	18.3	0.3	14.5	1.5	1507.	1.0	7.5	0.3	9.0	1.5	1507.	1.0	2.8	0.3	5.5	0.5	1507.	1.0
15000.	87.8	0.3	32.5	3.5	4521.	1.0	35.3	0.3	19.5	2.5	4521.	1.0	14.0	0.3	12.0	1.5	4521.	1.0
25000.	178.3	0.3	47.5	5.5	7536.	1.0	69.3	0.3	28.5	3.5	7536.	1.0	25.3	0.3	17.5	2.5	7536.	1.0
35000.	323.4	0.3	>50.0	6.5	10550.	1.0	103.8	0.3	36.5	3.5	10550.	1.0	42.0	0.3	22.0	2.5	10550.	1.0
50000.	422.9	0.3	>50.0	8.5	15071.	1.0	176.8	0.3	47.5	5.5	15071.	1.0	69.3	0.3	28.5	3.5	15071.	1.0

190

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.3	0.3	0.5	0.5	63.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.3	0.3	0.5	0.5	94.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.5	0.3	1.0	0.5	126.	0.5	0.3	0.3	0.5	0.5	126.	0.5	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.8	0.3	1.5	0.5	314.	0.5	0.5	0.3	1.0	0.5	314.	0.5	0.3	0.3	0.5	0.5	314.	0.5
5000.	1.5	0.3	3.0	0.5	628.	0.5	0.8	0.3	1.5	0.5	628.	0.5	0.5	0.3	1.0	0.5	628.	0.5
15000.	27.3	0.3	13.5	2.5	1884.	0.5	6.0	0.3	5.0	1.5	1884.	0.5	1.0	0.3	2.0	0.5	1884.	0.5
25000.	82.3	0.3	23.5	4.5	3140.	0.5	18.0	0.3	11.0	2.5	3140.	0.5	2.8	0.3	4.5	1.5	3140.	0.5
35000.	169.8	0.3	34.5	6.5	4396.	0.5	40.0	0.3	16.0	3.5	4396.	0.5	8.8	0.3	7.5	1.5	4396.	0.5
50000.	472.6	0.3	>50.0	9.5	6280.	0.5	81.3	0.3	23.5	4.5	6280.	0.5	18.0	0.3	11.0	2.5	6280.	0.5

191

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	1.0	1.3	2.0	0.5	61.	2.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	3.8	0.8	7.5	0.5	154.	2.0	1.5	1.3	3.0	0.5	154.	2.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	16.3	0.8	13.5	1.5	307.	2.0	3.8	0.8	7.5	0.5	307.	2.0	1.5	1.3	3.0	0.5	307.	2.0
15000.	83.3	0.8	31.5	3.5	922.	2.0	29.5	0.8	18.0	2.5	922.	2.0	10.8	0.8	10.5	1.5	922.	2.0
25000.	221.6	0.8	>50.0	4.5	1536.	2.0	59.5	0.8	27.0	3.5	1536.	2.0	21.0	0.8	16.0	1.5	1536.	2.0
35000.	320.1	0.8	>50.0	6.5	2151.	2.0	99.8	0.8	35.5	3.5	2151.	2.0	37.8	0.8	20.5	2.5	2151.	2.0
50000.	422.9	0.3	>50.0	8.5	3073.	2.0	221.6	0.8	>50.0	4.5	3073.	2.0	59.5	0.8	27.0	3.5	3073.	2.0

192

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.3	0.3	0.5	0.5	51.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.8	0.3	1.5	0.5	127.	0.5	0.5	0.3	1.0	0.5	127.	0.5	0.0	0.0	0.0	0.0	0.	0.0
5000.	1.5	0.3	3.0	0.5	254.	0.5	0.8	0.3	1.5	0.5	254.	0.5	0.5	0.3	1.0	0.5	254.	0.5
15000.	26.8	0.3	13.5	2.5	762.	0.5	6.0	0.3	5.0	1.5	762.	0.5	1.0	0.3	2.0	0.5	762.	0.5
25000.	82.3	0.3	23.5	4.5	1270.	0.5	18.0	0.3	11.0	2.5	1270.	0.5	2.8	0.3	4.5	1.5	1270.	0.5
35000.	169.8	0.3	34.5	6.5	1778.	0.5	39.5	0.3	16.0	3.5	1778.	0.5	8.8	0.3	7.5	1.5	1778.	0.5
50000.	472.6	0.3	>50.0	9.5	2539.	0.5	81.3	0.3	23.5	4.5	2539.	0.5	18.0	0.3	11.0	2.5	2539.	0.5
75000.	671.6	0.3	>50.0	13.5	3809.	0.5	190.5	0.3	37.0	6.5	3809.	0.5	46.0	0.3	17.0	3.5	3809.	0.5
100000.	870.6	0.3	>50.0	17.5	5079.	0.5	472.6	0.3	>50.0	9.5	5079.	0.5	81.3	0.3	23.5	4.5	5079.	0.5

193

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	1.3	2.8	2.5	0.5	55.	4.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	10.8	1.8	10.5	1.5	110.	4.0	1.3	2.8	2.5	0.5	110.	4.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	71.3	1.3	29.5	3.5	331.	4.0	20.3	1.8	15.5	1.5	331.	4.0	3.5	2.3	7.0	0.5	331.	4.0
25000.	219.4	1.3	>50.0	4.5	551.	4.0	51.0	1.3	25.0	2.5	551.	4.0	15.5	1.8	13.0	1.5	551.	4.0
35000.	316.9	1.3	>50.0	6.5	772.	4.0	91.3	1.3	33.5	3.5	772.	4.0	26.8	1.3	18.5	2.5	772.	4.0
50000.	414.4	1.3	>50.0	8.5	1103.	4.0	219.4	1.3	>50.0	4.5	1103.	4.0	51.0	1.3	25.0	2.5	1103.	4.0
75000.	517.1	0.8	>50.0	10.5	1654.	4.0	316.9	1.3	>50.0	6.5	1654.	4.0	99.3	1.3	35.5	3.5	1654.	4.0
100000.	615.6	0.8	>50.0	12.5	2205.	4.0	414.4	1.3	>50.0	8.5	2205.	4.0	219.4	1.3	>50.0	4.5	2205.	4.0

194

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.5	0.8	1.0	0.5	85.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	1.5	0.3	3.0	0.5	170.	1.0	0.5	0.8	1.0	0.5	170.	1.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	26.8	0.3	13.5	2.5	511.	1.0	6.5	0.3	6.0	1.5	511.	1.0	1.3	0.3	2.5	0.5	511.	1.0
25000.	82.8	0.3	23.5	4.5	852.	1.0	18.5	0.3	11.0	2.5	852.	1.0	3.3	0.3	4.5	1.5	852.	1.0
35000.	169.8	0.3	34.5	6.5	1192.	1.0	39.5	0.3	16.0	3.5	1192.	1.0	9.3	0.3	7.5	1.5	1192.	1.0
50000.	472.6	0.3	>50.0	9.5	1703.	1.0	81.8	0.3	23.5	4.5	1703.	1.0	18.5	0.3	11.0	2.5	1703.	1.0
75000.	671.6	0.3	>50.0	13.5	2555.	1.0	190.5	0.3	37.0	6.5	2555.	1.0	46.0	0.3	17.0	3.5	2555.	1.0
100000.	870.6	0.3	>50.0	17.5	3407.	1.0	472.6	0.3	>50.0	9.5	3407.	1.0	81.8	0.3	23.5	4.5	3407.	1.0

195

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	1.8	4.8	3.5	0.5	54.	6.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	54.3	2.3	26.5	2.5	161.	6.5	11.5	3.3	11.0	1.5	161.	6.5	0.0	0.0	0.0	0.0	0.	0.0
25000.	214.9	2.3	>50.0	4.5	268.	6.5	39.3	2.8	21.5	2.5	268.	6.5	3.8	3.8	7.5	0.5	268.	6.5
35000.	313.6	1.8	>50.0	6.5	375.	6.5	75.0	2.3	31.0	3.5	375.	6.5	16.8	3.3	13.5	1.5	375.	6.5
50000.	410.1	1.8	>50.0	8.5	536.	6.5	214.9	2.3	>50.0	4.5	536.	6.5	39.3	2.8	21.5	2.5	536.	6.5
75000.	506.6	1.8	>50.0	10.5	804.	6.5	313.6	1.8	>50.0	6.5	804.	6.5	86.5	2.3	33.0	3.5	804.	6.5
100000.	603.1	1.8	>50.0	12.5	1072.	6.5	410.1	1.8	>50.0	8.5	1072.	6.5	214.9	2.3	>50.0	4.5	1072.	6.5

196

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 1500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	10.0	8.8	12.0	1.5	56.	13.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
25000.	199.1	5.8	>50.0	4.5	93.	13.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
35000.	290.9	5.3	>50.0	6.5	131.	13.0	25.8	7.3	19.5	1.5	131.	13.0	0.0	0.0	0.0	0.0	0.	0.0
50000.	384.6	4.8	>50.0	8.5	187.	13.0	199.1	5.8	>50.0	4.5	187.	13.0	0.0	0.0	0.0	0.0	0.	0.0
75000.	480.4	4.3	>50.0	10.5	280.	13.0	290.9	5.3	>50.0	6.5	280.	13.0	54.3	6.8	30.5	2.5	280.	13.0
100000.	578.1	3.8	>50.0	12.5	374.	13.0	384.6	4.8	>50.0	8.5	374.	13.0	199.1	5.8	>50.0	4.5	374.	13.0

197

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 2000.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
25000.	165.4	13.3	>50.0	4.5	81.	20.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
35000.	258.4	10.3	>50.0	6.5	113.	20.5	18.0	18.8	13.0	1.5	113.	20.5	0.0	0.0	0.0	0.0	0.	0.0
50000.	354.9	8.3	>50.0	8.5	161.	20.5	128.6	13.3	>50.0	3.5	161.	20.5	0.0	0.0	0.0	0.0	0.	0.0
75000.	448.9	7.3	>50.0	10.5	242.	20.5	261.6	9.8	>50.0	6.5	242.	20.5	33.0	18.8	17.0	2.5	242.	20.5
100000.	540.6	6.8	>50.0	12.5	323.	20.5	354.9	8.3	>50.0	8.5	323.	20.5	128.6	13.3	>50.0	3.5	323.	20.5

198

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
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	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.	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.	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.3	0.3	0.5	0.5	76.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.3	0.3	0.5	0.5	113.	0.5	0.3	0.3	0.5	0.5	113.	0.5	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.3	0.3	0.5	0.5	151.	0.5	0.3	0.3	0.5	0.5	151.	0.5	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.5	0.3	1.0	0.5	378.	0.5	0.3	0.3	0.5	0.5	378.	0.5	0.3	0.3	0.5	0.5	378.	0.5
5000.	1.0	0.3	2.0	0.5	755.	0.5	0.5	0.3	1.0	0.5	755.	0.5	0.3	0.3	0.5	0.5	755.	0.5
15000.	6.8	0.3	5.5	1.5	2266.	0.5	1.3	0.3	2.5	0.5	2266.	0.5	0.8	0.3	1.5	0.5	2266.	0.5
25000.	27.8	0.3	13.5	2.5	3777.	0.5	5.0	0.3	5.0	1.5	3777.	0.5	1.0	0.3	2.0	0.5	3777.	0.5
35000.	54.8	0.3	19.5	3.5	5288.	0.5	11.5	0.3	9.0	1.5	5288.	0.5	1.3	0.3	2.5	0.5	5288.	0.5

199

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2 LB/HR	ISOPLETH LEVEL=50 MICROGR/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=100 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=200 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DC M
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	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.	0.0	0.0	0.0	0.0	0.0	0.	0.
100.	0.3	0.3	0.5	0.5	85.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.
250.	0.5	0.3	1.0	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.
500.	1.0	0.3	2.0	0.5	423.	0.5	0.5	0.3	1.0	0.5	423.	0.5	0.3	0.3	0.5	0.5	423.	0.
750.	1.5	0.3	3.0	0.5	634.	0.5	0.8	0.3	1.5	0.5	634.	0.5	0.5	0.3	1.0	0.5	634.	0.
1000.	1.8	0.3	3.5	0.5	846.	0.5	1.0	0.3	2.0	0.5	846.	0.5	0.5	0.3	1.0	0.5	846.	0.
2500.	3.3	0.3	6.5	0.5	2115.	0.5	2.0	0.3	4.0	0.5	2115.	0.5	1.3	0.3	2.5	0.5	2115.	0.
5000.	11.8	0.3	10.5	1.5	4229.	0.5	3.3	0.3	6.5	0.5	4229.	0.5	2.0	0.3	4.0	0.5	4229.	0.
15000.	44.8	0.3	22.5	2.5	12688.	0.5	18.0	0.3	14.0	1.5	12688.	0.5	7.8	0.3	8.5	1.5	12688.	0.
25000.	89.3	0.3	32.5	3.5	21147.	0.5	36.5	0.3	20.0	2.5	21147.	0.5	14.5	0.3	12.0	1.5	21147.	0.
35000.	143.0	0.3	42.0	4.5	29606.	0.5	52.0	0.3	25.0	2.5	29606.	0.5	20.3	0.3	15.5	1.5	29606.	0.

200

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2 LB/HR	ISOPLETH LEVEL=50 MICROGR/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=100 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=200 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	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.	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.	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.3	0.3	0.5	0.5	65.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.3	0.3	0.5	0.5	97.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.3	0.3	0.5	0.5	130.	0.5	0.3	0.3	0.5	0.5	130.	0.5	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.5	0.3	1.0	0.5	324.	0.5	0.3	0.3	0.5	0.5	324.	0.5	0.3	0.3	0.5	0.5	324.	0.5
5000.	1.0	0.3	2.0	0.5	649.	0.5	0.5	0.3	1.0	0.5	649.	0.5	0.3	0.3	0.5	0.5	649.	0.5
15000.	9.3	0.3	7.5	1.5	1946.	0.5	1.3	0.3	2.5	0.5	1946.	0.5	0.8	0.3	1.5	0.5	1946.	0.5
25000.	27.8	0.3	13.5	2.5	3244.	0.5	5.5	0.3	5.0	1.5	3244.	0.5	1.0	0.3	2.0	0.5	3244.	0.5
35000.	55.3	0.3	19.5	3.5	4542.	0.5	12.0	0.3	9.0	1.5	4542.	0.5	1.3	0.3	2.5	0.5	4542.	0.5
50000.	121.5	0.3	29.0	5.5	6488.	0.5	27.8	0.3	13.5	2.5	6488.	0.5	5.5	0.3	5.0	1.5	6488.	0.5

201

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2 LB/HR	ISOPLETH LEVEL=50 MICROGR/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=100 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=200 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DC M
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	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.	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.	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.	0.0	0.0	0.0	0.0	0.0	0.	0.
500.	0.8	0.3	1.5	0.5	90.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.
750.	1.3	0.3	2.5	0.5	136.	1.0	0.5	0.3	1.0	0.5	136.	1.0	0.0	0.0	0.0	0.0	0.	0.
1000.	1.5	0.3	3.0	0.5	181.	1.0	0.8	0.3	1.5	0.5	181.	1.0	0.0	0.0	0.0	0.0	0.	0.
2500.	3.0	0.3	6.0	0.5	452.	1.0	1.8	0.3	3.5	0.5	452.	1.0	1.0	0.3	2.0	0.5	452.	1.
5000.	10.5	0.3	10.0	1.5	904.	1.0	3.0	0.3	6.0	0.5	904.	1.0	1.8	0.3	3.5	0.5	904.	1.
15000.	43.8	0.3	22.5	2.5	2713.	1.0	16.8	0.3	13.5	1.5	2713.	1.0	5.8	0.3	8.5	1.5	2713.	1.
25000.	87.8	0.3	32.5	3.5	4521.	1.0	35.3	0.3	19.5	2.5	4521.	1.0	14.0	0.3	12.0	1.5	4521.	1.
35000.	142.5	0.3	42.0	4.5	6330.	1.0	51.5	0.3	25.0	2.5	6330.	1.0	19.0	0.3	15.0	1.5	6330.	1.
50000.	273.6	0.3	>50.0	5.5	9043.	1.0	87.3	0.3	32.5	3.5	9043.	1.0	35.3	0.3	19.5	2.5	9043.	1.

202

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2 LB/HR	ISOPLETH LEVEL=50 MICROGR/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=100 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=200 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.3	0.3	0.5	0.5	57.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.3	0.3	0.5	0.5	75.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.5	0.3	1.0	0.5	188.	0.5	0.3	0.3	0.5	0.5	188.	0.5	0.3	0.3	0.5	0.5	377.	0.5
5000.	1.0	0.3	2.0	0.5	377.	0.5	0.5	0.3	1.0	0.5	377.	0.5	0.8	0.3	1.5	0.5	1130.	0.5
15000.	9.3	0.3	7.5	1.5	1130.	0.5	1.5	0.3	3.0	0.5	1130.	0.5	1.0	0.3	2.0	0.5	1884.	0.5
25000.	27.3	0.3	13.5	2.5	1884.	0.5	6.0	0.3	5.0	1.5	1884.	0.5	1.8	0.3	3.5	0.5	2638.	0.5
35000.	55.8	0.3	19.5	3.5	2638.	0.5	12.0	0.3	9.0	1.5	2638.	0.5	6.0	0.3	5.0	1.5	3768.	0.5
50000.	121.5	0.3	29.0	5.5	3768.	0.5	27.3	0.3	13.5	2.5	3768.	0.5						

203

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2 LB/HR	ISOPLETH LEVEL=50 MICROGR/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=100 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=200 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	2.3	0.8	4.5	0.5	92.	2.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	6.3	0.8	8.5	1.5	184.	2.0	2.3	0.8	4.5	0.5	184.	2.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	39.5	0.8	21.0	2.5	553.	2.0	14.0	0.8	12.0	1.5	553.	2.0	3.3	0.8	6.5	0.5	553.	2.0
25000.	83.3	0.8	31.5	3.5	922.	2.0	29.5	0.8	18.0	2.5	922.	2.0	10.8	0.8	10.5	1.5	922.	2.0
35000.	136.0	0.8	41.0	4.5	1291.	2.0	47.3	0.8	23.5	2.5	1291.	2.0	17.0	0.8	14.0	1.5	1291.	2.0
50000.	270.9	0.8	>50.0	5.5	1844.	2.0	82.3	0.8	31.5	3.5	1844.	2.0	29.5	0.8	18.0	2.5	1844.	2.0

204

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2 LB/HR	ISOPLETH LEVEL=50 MICROGR/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=100 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=200 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.5	0.3	1.0	0.5	76.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	1.0	0.3	2.0	0.5	152.	0.5	0.5	0.3	1.0	0.5	152.	0.5	0.0	0.0	0.0	0.0	0.	0.0
15000.	9.3	0.3	7.5	1.5	457.	0.5	1.5	0.3	3.0	0.5	457.	0.5	0.8	0.3	1.5	0.5	457.	0.5
25000.	26.8	0.3	13.5	2.5	762.	0.5	6.0	0.3	5.0	1.5	762.	0.5	1.0	0.3	2.0	0.5	762.	0.5
35000.	55.8	0.3	19.5	3.5	1067.	0.5	12.0	0.3	9.0	1.5	1067.	0.5	1.8	0.3	3.5	0.5	1067.	0.5
50000.	121.5	0.3	29.0	5.5	1524.	0.5	26.8	0.3	13.5	2.5	1524.	0.5	6.0	0.3	5.0	1.5	1524.	0.5
75000.	286.8	0.3	45.5	8.5	2285.	0.5	66.5	0.3	21.0	4.5	2285.	0.5	13.8	0.3	9.5	2.5	2285.	0.5
100000.	572.1	0.3	>50.0	11.5	3047.	0.5	121.0	0.3	29.0	5.5	3047.	0.5	26.8	0.3	13.5	2.5	3047.	0.5

205

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.M				
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
5000.	2.5	2.3	5.0	0.5	66.	4.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
15000.	29.5	1.3	15.0	2.5	198.	4.0	7.0	1.8	9.0	1.5	198.	4.0	0.0	0.0	0.0	0.0	0.
25000.	71.3	1.3	29.5	3.5	331.	4.0	20.3	1.8	15.5	1.5	331.	4.0	3.5	2.3	7.0	0.5	331.
35000.	121.8	1.3	39.5	4.5	463.	4.0	40.3	1.3	21.5	2.5	463.	4.0	11.5	1.8	11.0	1.5	463.
50000.	268.1	1.3	>50.0	5.5	662.	4.0	70.3	1.3	29.5	3.5	662.	4.0	20.3	1.8	15.5	1.5	662.
75000.	414.4	1.3	>50.0	8.5	992.	4.0	148.5	1.3	46.0	4.5	992.	4.0	44.0	1.3	23.0	2.5	992.
100000.	467.9	0.8	>50.0	9.5	1323.	4.0	268.1	1.3	>50.0	5.5	1323.	4.0	70.3	1.3	29.5	3.5	1323.

206

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.M				
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
2500.	0.3	0.8	0.5	0.5	51.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
5000.	0.5	0.8	1.0	0.5	102.	1.0	0.3	0.8	0.5	0.5	102.	1.0	0.0	0.0	0.0	0.0	0.
15000.	9.8	0.3	7.5	1.5	307.	1.0	1.5	0.3	3.0	0.5	307.	1.0	0.5	0.8	1.0	0.5	307.
25000.	26.8	0.3	13.5	2.5	511.	1.0	6.5	0.3	6.0	1.5	511.	1.0	1.3	0.3	2.5	0.5	511.
35000.	55.8	0.3	19.5	3.5	715.	1.0	12.0	0.3	9.0	1.5	715.	1.0	1.8	0.3	3.5	0.5	715.
50000.	122.0	0.3	29.0	5.5	1022.	1.0	26.8	0.3	13.5	2.5	1022.	1.0	6.5	0.3	6.0	1.5	1022.
75000.	286.8	0.3	45.5	8.5	1533.	1.0	66.5	0.3	21.0	4.5	1533.	1.0	14.3	0.3	9.5	2.5	1533.
100000.	572.1	0.3	>50.0	11.5	2044.	1.0	121.5	0.3	29.0	5.5	2044.	1.0	26.8	0.3	13.5	2.5	2044.

207

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.M				
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
5000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
15000.	18.0	3.3	14.0	1.5	97.	6.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
25000.	54.3	2.3	26.5	2.5	161.	6.5	11.5	3.3	11.0	1.5	161.	6.5	0.0	0.0	0.0	0.0	0.
35000.	116.5	2.3	42.0	3.5	225.	6.5	23.3	2.8	17.5	1.5	225.	6.5	2.3	4.3	4.5	0.5	225.
50000.	262.6	2.3	>50.0	5.5	322.	6.5	53.8	2.3	26.5	2.5	322.	6.5	11.5	3.3	11.0	1.5	322.
75000.	410.1	1.8	>50.0	8.5	483.	6.5	132.0	2.3	45.0	3.5	483.	6.5	28.0	2.8	19.0	2.5	483.
100000.	458.4	1.8	>50.0	9.5	643.	6.5	262.6	2.3	>50.0	5.5	643.	6.5	53.8	2.3	26.5	2.5	643.

208

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 1500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2 LB/HR	ISOPLETH LEVEL=50 MICROGR/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=100 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=200 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
25000.	10.0	8.8	12.0	1.5	56.	13.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
35000.	85.3	6.3	36.5	3.5	78.	13.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
50000.	246.1	5.3	>50.0	5.5	112.	13.0	10.0	8.8	12.0	1.5	112.	13.0	0.0	0.0	0.0	0.0	0.	0.0
75000.	384.6	4.8	>50.0	8.5	168.	13.0	101.5	6.3	40.0	3.5	168.	13.0	0.0	0.0	0.0	0.0	0.	0.0
100000.	434.6	4.3	>50.0	9.5	224.	13.0	246.1	5.3	>50.0	5.5	224.	13.0	10.0	8.8	12.0	1.5	224.	13.0

209

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 2000.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2 LB/HR	ISOPLETH LEVEL=50 MICROGR/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=100 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=200 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
25000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
35000.	54.8	17.8	24.5	2.5	68.	20.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
50000.	213.1	11.3	>50.0	5.5	97.	20.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
75000.	350.6	8.8	>50.0	8.5	145.	20.5	81.8	15.3	30.5	3.5	145.	20.5	0.0	0.0	0.0	0.0	0.	0.0
100000.	401.4	7.8	>50.0	9.5	194.	20.5	213.1	11.3	>50.0	5.5	194.	20.5	0.0	0.0	0.0	0.0	0.	0.0

210

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2 LB/HR	ISOPLETH LEVEL=50 MICROGR/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=100 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=200 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	0.0	0.0	0.0	0.	0.0
50.	0.3	0.3	0.5	0.5	94.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
100.	0.3	0.3	0.5	0.5	188.	0.5	0.3	0.3	0.5	0.5	188.	0.5	0.0	0.0	0.0	0.0	0.	0.0
250.	0.8	0.3	1.5	0.5	470.	0.5	0.5	0.3	1.0	0.5	470.	0.5	0.3	0.3	0.5	0.5	470.	0.5
500.	1.0	0.3	2.0	0.5	940.	0.5	0.8	0.3	1.5	0.5	940.	0.5	0.5	0.3	1.0	0.5	940.	0.5
750.	1.3	0.3	2.5	0.5	1410.	0.5	0.8	0.3	1.5	0.5	1410.	0.5	0.5	0.3	1.0	0.5	1410.	0.5
1000.	2.5	0.3	3.0	1.5	1880.	0.5	1.0	0.3	2.0	0.5	1880.	0.5	0.8	0.3	1.5	0.5	1880.	0.5
2500.	6.5	0.3	5.0	1.5	4699.	0.5	3.3	0.3	3.5	1.5	4699.	0.5	1.0	0.3	2.0	0.5	4699.	0.5
5000.	16.3	0.3	8.5	2.5	9399.	0.5	6.5	0.3	5.0	1.5	9399.	0.5	3.3	0.3	3.5	1.5	9399.	0.5
15000.	223.0	0.3	40.0	7.5	28197.	0.5	23.0	0.3	11.0	2.5	28197.	0.5	9.5	0.3	7.0	1.5	28197.	0.5
25000.	621.9	0.3	>50.0	12.5	46995.	0.5	154.0	0.3	33.0	6.5	46995.	0.5	20.3	0.3	9.5	2.5	46995.	0.5
35000.	820.9	0.3	>50.0	16.5	65793.	0.5	294.0	0.3	45.0	9.5	65793.	0.5	31.0	0.3	12.0	3.5	65793.	0.5

211

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2 LB/HR	ISOPLETH LEVEL=50 MICROGR/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=100 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=200 MICROGM/CU.M AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3
20.	0.5	0.3	1.0	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.
50.	1.3	0.3	2.5	0.5	526.	0.5	0.8	0.3	1.5	0.5	526.	0.5	0.3	0.3	0.5	0.5	526.
100.	2.0	0.3	4.0	0.5	1053.	0.5	1.3	0.3	2.5	0.5	1053.	0.5	0.8	0.3	1.5	0.5	1053.
250.	3.8	0.3	7.5	0.5	2631.	0.5	2.3	0.3	4.5	0.5	2631.	0.5	1.5	0.3	3.0	0.5	2631.
500.	14.0	0.3	12.0	1.5	5263.	0.5	3.8	0.3	7.5	0.5	5263.	0.5	2.3	0.3	4.5	0.5	5263.
750.	21.0	0.3	16.0	1.5	7894.	0.5	10.5	0.3	10.0	1.5	7894.	0.5	3.0	0.3	6.0	0.5	7894.
1000.	35.8	0.3	19.5	2.5	10526.	0.5	14.0	0.3	12.0	1.5	10526.	0.5	3.8	0.3	7.5	0.5	10526.
2500.	116.0	0.3	37.0	4.5	26314.	0.5	45.0	0.3	23.0	2.5	26314.	0.5	18.0	0.3	14.0	1.5	26314.
5000.	323.4	0.3	>50.0	6.5	52629.	0.5	116.0	0.3	37.0	4.5	52629.	0.5	45.0	0.3	23.0	2.5	52629.
15000.	572.1	0.3	>50.0	11.5	157887.	0.5	422.9	0.3	>50.0	8.5	157887.	0.5	273.6	0.3	>50.0	5.5	157887.
25000.	671.6	0.3	>50.0	13.5	263145.	0.5	572.1	0.3	>50.0	11.5	263145.	0.5	373.1	0.3	>50.0	7.5	263145.
35000.	771.1	0.3	>50.0	15.5	368403.	0.5	621.9	0.3	>50.0	12.5	368403.	0.5	472.6	0.3	>50.0	9.5	368403.

212

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2 LB/HR	ISOPLETH LEVEL=50 MICROGR/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=100 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=200 MICROGM/CU.M AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3
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	0.0	0.0	0.0	0.
50.	0.3	0.3	0.5	0.5	79.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
100.	0.3	0.3	0.5	0.5	158.	0.5	0.3	0.3	0.5	0.5	158.	0.5	0.0	0.0	0.0	0.0	0.
250.	0.8	0.3	1.5	0.5	395.	0.5	0.5	0.3	1.0	0.5	395.	0.5	0.3	0.3	0.5	0.5	395.
500.	1.0	0.3	2.0	0.5	790.	0.5	0.8	0.3	1.5	0.5	790.	0.5	0.5	0.3	1.0	0.5	790.
750.	1.3	0.3	2.5	0.5	1186.	0.5	0.8	0.3	1.5	0.5	1186.	0.5	0.5	0.3	1.0	0.5	1186.
1000.	2.5	0.3	3.0	1.5	1581.	0.5	1.0	0.3	2.0	0.5	1581.	0.5	0.8	0.3	1.5	0.5	1581.
2500.	6.5	0.3	5.0	1.5	3952.	0.5	3.3	0.3	3.5	1.5	3952.	0.5	1.0	0.3	2.0	0.5	3952.
5000.	16.8	0.3	8.5	2.5	7904.	0.5	6.5	0.3	5.0	1.5	7904.	0.5	3.3	0.3	3.5	1.5	7904.
15000.	223.5	0.3	40.0	7.5	23712.	0.5	23.5	0.3	11.0	3.5	23712.	0.5	9.5	0.3	7.0	1.5	23712.
25000.	621.9	0.3	>50.0	12.5	39520.	0.5	154.5	0.3	33.0	6.5	39520.	0.5	20.3	0.3	9.5	2.5	39520.
35000.	820.9	0.3	>50.0	16.5	55328.	0.5	294.0	0.3	45.0	9.5	55328.	0.5	31.0	0.3	12.0	3.5	55328.
50000.	1019.9	0.3	>50.0	20.5	79040.	0.5	621.9	0.3	>50.0	12.5	79040.	0.5	154.5	0.3	33.0	6.5	79040.

213

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2 LB/HR	ISOPLETH LEVEL=50 MICROGR/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=100 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=200 MICROGM/CU.M AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3
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	0.0	0.0	0.0	0.
50.	1.0	0.3	2.0	0.5	113.	0.5	0.3	0.3	0.5	0.5	113.	0.5	0.0	0.0	0.0	0.0	0.
100.	1.8	0.3	3.5	0.5	226.	0.5	1.0	0.3	2.0	0.5	226.	0.5	0.3	0.3	0.5	0.5	226.
250.	3.5	0.3	7.0	0.5	566.	0.5	2.3	0.3	4.5	0.5	566.	0.5	1.3	0.3	2.5	0.5	566.
500.	14.0	0.3	12.0	1.5	1131.	0.5	3.5	0.3	7.0	0.5	1131.	0.5	2.3	0.3	4.5	0.5	1131.
750.	20.3	0.3	15.5	1.5	1697.	0.5	9.5	0.3	9.0	1.5	1697.	0.5	3.0	0.3	6.0	0.5	1697.
1000.	34.3	0.3	19.5	2.5	2262.	0.5	14.0	0.3	12.0	1.5	2262.	0.5	3.5	0.3	7.0	0.5	2262.
2500.	112.0	0.3	37.0	4.5	5655.	0.5	44.3	0.3	22.5	2.5	5655.	0.5	16.8	0.3	13.5	1.5	5655.
5000.	323.4	0.3	>50.0	6.5	11310.	0.5	112.0	0.3	37.0	4.5	11310.	0.5	44.3	0.3	22.5	2.5	11310.
15000.	572.1	0.3	>50.0	11.5	33931.	0.5	422.9	0.3	>50.0	8.5	33931.	0.5	194.8	0.3	48.5	5.5	33931.
25000.	671.6	0.3	>50.0	13.5	56552.	0.5	522.4	0.3	>50.0	10.5	56552.	0.5	373.1	0.3	>50.0	7.5	56552.
35000.	771.1	0.3	>50.0	15.5	79173.	0.5	621.9	0.3	>50.0	12.5	79173.	0.5	472.6	0.3	>50.0	9.5	79173.
50000.	820.9	0.3	>50.0	16.5	113104.	0.5	671.6	0.3	>50.0	13.5	113104.	0.5	522.4	0.3	>50.0	10.5	113104.

214

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
100.	0.3	0.3	0.5	0.5	89.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	0.8	0.3	1.5	0.5	222.	0.5	0.5	0.3	1.0	0.5	222.	0.5	0.3	0.3	0.5	0.5	222.	0.5
500.	1.0	0.3	2.0	0.5	443.	0.5	0.8	0.3	1.5	0.5	443.	0.5	0.5	0.3	1.0	0.5	443.	0.5
750.	1.3	0.3	2.5	0.5	665.	0.5	0.8	0.3	1.5	0.5	665.	0.5	0.5	0.3	1.0	0.5	665.	0.5
1000.	2.5	0.3	3.0	1.5	887.	0.5	1.0	0.3	2.0	0.5	887.	0.5	0.8	0.3	1.5	0.5	887.	0.5
2500.	6.8	0.3	5.5	1.5	2217.	0.5	3.3	0.3	3.5	1.5	2217.	0.5	1.0	0.3	2.0	0.5	2217.	0.5
5000.	16.8	0.3	8.5	2.5	4434.	0.5	6.5	0.3	5.0	1.5	4434.	0.5	3.3	0.3	3.5	1.5	4434.	0.5
15000.	225.0	0.3	40.0	7.5	13301.	0.5	24.5	0.3	11.0	3.5	13301.	0.5	9.5	0.3	7.0	1.5	13301.	0.5
25000.	621.9	0.3	>50.0	12.5	22168.	0.5	156.5	0.3	33.0	6.5	22168.	0.5	20.3	0.3	9.5	2.5	22168.	0.5
35000.	820.9	0.3	>50.0	16.5	31035.	0.5	295.0	0.3	45.0	9.5	31035.	0.5	31.0	0.3	12.0	3.5	31035.	0.5
50000.	1019.9	0.3	>50.0	20.5	44336.	0.5	621.9	0.3	>50.0	12.5	44336.	0.5	156.5	0.3	33.0	6.5	44336.	0.5

215

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	2.8	0.8	5.5	0.5	115.	2.0	1.0	1.3	2.0	0.5	115.	2.0	0.0	0.0	0.0	0.0	0.	0.0
500.	10.0	0.8	10.0	1.5	230.	2.0	2.8	0.8	5.5	0.5	230.	2.0	1.0	1.3	2.0	0.5	230.	2.0
750.	18.0	0.8	14.0	1.5	345.	2.0	4.0	0.8	8.0	0.5	345.	2.0	1.8	1.3	3.5	0.5	345.	2.0
1000.	26.8	0.8	17.5	2.5	460.	2.0	10.0	0.8	10.0	1.5	460.	2.0	2.8	0.8	5.5	0.5	460.	2.0
2500.	101.8	0.8	35.5	3.5	1151.	2.0	39.5	0.8	21.0	2.5	1151.	2.0	14.0	0.8	12.0	1.5	1151.	2.0
5000.	323.4	0.3	>50.0	6.5	2301.	2.0	100.8	0.8	35.5	3.5	2301.	2.0	39.5	0.8	21.0	2.5	2301.	2.0
15000.	572.1	0.3	>50.0	11.5	6904.	2.0	422.9	0.3	>50.0	8.5	6904.	2.0	185.0	0.3	48.0	5.5	6904.	2.0
25000.	671.6	0.3	>50.0	13.5	11507.	2.0	522.4	0.3	>50.0	10.5	11507.	2.0	373.1	0.3	>50.0	7.5	11507.	2.0
35000.	771.1	0.3	>50.0	15.5	16110.	2.0	621.9	0.3	>50.0	12.5	16110.	2.0	472.6	0.3	>50.0	9.5	16110.	2.0
50000.	820.9	0.3	>50.0	16.5	23015.	2.0	671.6	0.3	>50.0	13.5	23015.	2.0	522.4	0.3	>50.0	10.5	23015.	2.0

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MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.5	0.3	1.0	0.5	95.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	1.0	0.3	2.0	0.5	189.	0.5	0.5	0.3	1.0	0.5	189.	0.5	0.0	0.0	0.0	0.0	0.	0.0
750.	1.3	0.3	2.5	0.5	284.	0.5	0.8	0.3	1.5	0.5	284.	0.5	0.5	0.3	1.0	0.5	284.	0.5
1000.	1.5	0.3	3.0	0.5	378.	0.5	1.0	0.3	2.0	0.5	378.	0.5	0.5	0.3	1.0	0.5	378.	0.5
2500.	6.8	0.3	5.5	1.5	946.	0.5	3.3	0.3	3.5	1.5	946.	0.5	1.0	0.3	2.0	0.5	946.	0.5
5000.	16.3	0.3	8.5	2.5	1892.	0.5	6.8	0.3	5.5	1.5	1892.	0.5	3.3	0.3	3.5	1.5	1892.	0.5
15000.	225.0	0.3	40.0	7.5	5676.	0.5	24.5	0.3	11.0	3.5	5676.	0.5	9.5	0.3	7.0	1.5	5676.	0.5
25000.	621.9	0.3	>50.0	12.5	9460.	0.5	157.0	0.3	33.0	6.5	9460.	0.5	20.3	0.3	9.5	2.5	9460.	0.5
35000.	820.9	0.3	>50.0	16.5	13244.	0.5	295.0	0.3	45.0	9.5	13244.	0.5	32.0	0.3	12.0	3.5	13244.	0.5
50000.	1019.9	0.3	>50.0	20.5	18920.	0.5	621.9	0.3	>50.0	12.5	18920.	0.5	157.0	0.3	33.0	6.5	18920.	0.5
75000.	1218.9	0.3	>50.0	24.5	28380.	0.5	820.9	0.3	>50.0	16.5	28380.	0.5	339.3	0.3	48.5	9.5	28380.	0.5
100000.	1318.4	0.3	>50.0	26.5	37840.	0.5	1019.9	0.3	>50.0	20.5	37840.	0.5	621.9	0.3	>50.0	12.5	37840.	0.5

217

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2 LB/HR	ISOPLETH LEVEL=50 MICROGR/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=100 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=200 MICROGM/CU. AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMA MMG/M
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0
500.	3.3	2.3	6.5	0.5	83.	4.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0
750.	12.5	1.8	11.0	1.5	124.	4.0	2.3	2.3	4.5	0.5	124.	4.0	0.0	0.0	0.0	0.0	0
1000.	19.5	1.8	15.0	1.5	165.	4.0	3.3	2.3	6.5	0.5	165.	4.0	0.0	0.0	0.0	0.0	0
2500.	91.3	1.3	33.5	3.5	413.	4.0	29.8	1.3	18.5	2.5	413.	4.0	8.0	1.8	9.0	1.5	413
5000.	268.1	1.3	>50.0	5.5	826.	4.0	90.8	1.3	33.5	3.5	826.	4.0	29.8	1.3	18.5	2.5	826
15000.	566.4	0.8	>50.0	11.5	2478.	4.0	369.4	0.8	>50.0	7.5	2478.	4.0	162.8	1.3	45.5	4.5	2478
25000.	664.9	0.8	>50.0	13.5	4130.	4.0	517.1	0.8	>50.0	10.5	4130.	4.0	320.1	0.8	>50.0	6.5	4130
35000.	714.1	0.8	>50.0	14.5	5782.	4.0	615.6	0.8	>50.0	12.5	5782.	4.0	418.6	0.8	>50.0	8.5	5782
50000.	812.6	0.8	>50.0	16.5	8261.	4.0	664.9	0.8	>50.0	13.5	8261.	4.0	517.1	0.8	>50.0	10.5	8261
75000.	861.9	0.8	>50.0	17.5	12391.	4.0	763.4	0.8	>50.0	15.5	12391.	4.0	615.6	0.8	>50.0	12.5	12391
100000.	911.1	0.8	>50.0	18.5	16521.	4.0	812.6	0.8	>50.0	16.5	16521.	4.0	664.9	0.8	>50.0	13.5	16521

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MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2 LB/HR	ISOPLETH LEVEL=50 MICROGR/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=100 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=200 MICROGM/CU. AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMA MMG/M
250.	0.3	0.8	0.5	0.5	60.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0
500.	1.0	0.3	2.0	0.5	120.	1.0	0.3	0.8	0.5	0.5	120.	1.0	0.0	0.0	0.0	0.0	0
750.	1.3	0.3	2.5	0.5	180.	1.0	0.8	0.3	1.5	0.5	180.	1.0	0.0	0.0	0.0	0.0	0
1000.	1.5	0.3	3.0	0.5	240.	1.0	1.0	0.3	2.0	0.5	240.	1.0	0.3	0.8	0.5	0.5	240
2500.	7.3	0.3	5.5	1.5	599.	1.0	3.3	0.3	3.5	1.5	599.	1.0	1.0	0.3	2.0	0.5	599
5000.	16.3	0.3	8.5	2.5	1199.	1.0	6.8	0.3	5.5	1.5	1199.	1.0	3.3	0.3	3.5	1.5	1199
15000.	225.5	0.3	40.0	7.5	3596.	1.0	25.5	0.3	11.0	3.5	3596.	1.0	9.5	0.3	7.0	1.5	3596
25000.	621.9	0.3	>50.0	12.5	5993.	1.0	157.0	0.3	33.0	6.5	5993.	1.0	20.3	0.3	9.5	2.5	5993
35000.	820.9	0.3	>50.0	16.5	8390.	1.0	295.0	0.3	45.0	9.5	8390.	1.0	32.0	0.3	12.0	3.5	8390
50000.	1019.9	0.3	>50.0	20.5	11986.	1.0	621.9	0.3	>50.0	12.5	11986.	1.0	157.0	0.3	33.0	6.5	11986
75000.	1218.9	0.3	>50.0	24.5	17978.	1.0	820.9	0.3	>50.0	16.5	17978.	1.0	339.8	0.3	48.5	9.5	17978
100000.	1318.4	0.3	>50.0	26.5	23971.	1.0	1019.9	0.3	>50.0	20.5	23971.	1.0	621.9	0.3	>50.0	12.5	23971

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MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2 LB/HR	ISOPLETH LEVEL=50 MICROGR/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=100 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=200 MICROGM/CU. AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMA MMG/M
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0
750.	2.5	4.3	5.0	0.5	60.	6.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0
1000.	9.8	3.3	10.5	1.5	80.	6.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0
2500.	74.5	2.3	30.0	3.5	200.	6.0	17.8	2.8	14.5	1.5	200.	6.0	0.3	5.8	0.5	0.5	200
5000.	265.4	1.8	>50.0	5.5	401.	6.0	74.5	2.3	30.0	3.5	401.	6.0	17.8	2.8	14.5	1.5	401
15000.	554.9	1.8	>50.0	11.5	1202.	6.0	361.9	1.8	>50.0	7.5	1202.	6.0	145.5	2.3	42.0	4.5	1202
25000.	658.1	1.3	>50.0	13.5	2003.	6.0	506.6	1.8	>50.0	10.5	2003.	6.0	313.6	1.8	>50.0	6.5	2003
35000.	706.9	1.3	>50.0	14.5	2804.	6.0	554.9	1.8	>50.0	11.5	2804.	6.0	410.1	1.8	>50.0	8.5	2804
50000.	755.6	1.3	>50.0	15.5	4006.	6.0	658.1	1.3	>50.0	13.5	4006.	6.0	506.6	1.8	>50.0	10.5	4006
75000.	853.1	1.3	>50.0	17.5	6009.	6.0	706.9	1.3	>50.0	14.5	6009.	6.0	603.1	1.8	>50.0	12.5	6009
100000.	901.9	1.3	>50.0	18.5	8012.	6.0	755.6	1.3	>50.0	15.5	8012.	6.0	658.1	1.3	>50.0	13.5	8012

220

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 1500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	20.5	6.8	17.0	1.5	66.	12.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	148.3	4.8	43.5	4.5	131.	12.0	20.3	6.8	16.5	1.5	131.	12.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	485.6	3.8	>50.0	10.5	394.	12.0	297.4	4.3	>50.0	6.5	394.	12.0	77.3	5.8	31.5	3.5	394.	12.0
25000.	584.4	3.3	>50.0	12.5	656.	12.0	439.4	3.8	>50.0	9.5	656.	12.0	248.9	4.8	>50.0	5.5	656.	12.0
35000.	677.9	3.3	>50.0	14.5	918.	12.0	531.9	3.8	>50.0	11.5	918.	12.0	343.1	4.3	>50.0	7.5	918.	12.0
50000.	732.4	2.8	>50.0	15.5	1312.	12.0	584.4	3.3	>50.0	12.5	1312.	12.0	439.4	3.8	>50.0	9.5	1312.	12.0
75000.	779.6	2.8	>50.0	16.5	1968.	12.0	677.9	3.3	>50.0	14.5	1968.	12.0	531.9	3.8	>50.0	11.5	1968.	12.0
100000.	826.9	2.8	>50.0	17.5	2624.	12.0	732.4	2.8	>50.0	15.5	2624.	12.0	584.4	3.3	>50.0	12.5	2624.	12.0

221

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 2000.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	33.8	13.8	21.5	2.5	60.	21.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	406.1	7.3	>50.0	9.5	179.	21.5	181.1	9.8	>50.0	4.5	179.	21.5	0.0	0.0	0.0	0.0	0.	0.0
25000.	503.1	6.3	>50.0	11.5	298.	21.5	359.1	7.8	>50.0	8.5	298.	21.5	97.8	11.3	35.5	3.5	298.	21.5
35000.	597.4	5.8	>50.0	13.5	418.	21.5	454.1	6.8	>50.0	10.5	418.	21.5	224.1	9.3	>50.0	5.5	418.	21.5
50000.	648.9	5.3	>50.0	14.5	597.	21.5	503.1	6.3	>50.0	11.5	597.	21.5	359.1	7.8	>50.0	8.5	597.	21.5
75000.	701.4	4.8	>50.0	15.5	895.	21.5	597.4	5.8	>50.0	13.5	895.	21.5	454.1	6.8	>50.0	10.5	895.	21.5
100000.	746.6	4.8	>50.0	16.5	1194.	21.5	648.9	5.3	>50.0	14.5	1194.	21.5	503.1	6.3	>50.0	11.5	1194.	21.5

222

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 2500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	268.1	14.3	>50.0	7.5	97.	31.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
25000.	406.9	11.3	>50.0	10.5	162.	31.5	188.4	15.8	>50.0	5.5	162.	31.5	0.0	0.0	0.0	0.0	0.	0.0
35000.	457.1	10.3	>50.0	11.5	226.	31.5	312.4	13.3	>50.0	8.5	226.	31.5	51.0	22.3	26.0	2.5	226.	31.5
50000.	550.1	9.3	>50.0	13.5	324.	31.5	406.9	11.3	>50.0	10.5	324.	31.5	188.4	15.8	>50.0	5.5	324.	31.5
75000.	605.4	8.3	>50.0	14.5	485.	31.5	503.1	9.8	>50.0	12.5	485.	31.5	316.6	12.8	>50.0	8.5	485.	31.5
100000.	654.9	7.8	>50.0	15.5	647.	31.5	550.1	9.3	>50.0	13.5	647.	31.5	406.9	11.3	>50.0	10.5	647.	31.5

223

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 3500.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.ME				
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
5000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
15000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
25000.	81.1	35.3	>50.0	5.5	63.	50.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
35000.	166.9	27.8	>50.0	7.5	89.	50.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
50000.	254.1	23.3	>50.0	9.5	127.	50.0	66.4	35.3	>50.0	4.5	127.	50.0	0.0	0.0	0.0	0.0	0.
75000.	342.1	20.3	>50.0	11.5	190.	50.0	197.6	26.8	>50.0	8.5	190.	50.0	0.0	0.0	0.0	0.0	0.
100000.	428.6	18.3	>50.0	13.5	254.	50.0	254.1	23.3	>50.0	9.5	254.	50.0	66.4	35.3	>50.0	4.5	254.

224

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 5000.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.ME				
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
5000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
15000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
25000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
35000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
50000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
75000.	34.4	43.8	>50.0	5.5	68.	50.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
100000.	87.1	39.8	>50.0	8.5	91.	50.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.

225

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.ME				
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3
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	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.	0.0	0.0	0.0	0.0	0.0	0.
100.	0.3	0.3	0.5	0.5	76.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
250.	0.3	0.3	0.5	0.5	189.	0.5	0.3	0.3	0.5	0.5	189.	0.5	0.0	0.0	0.0	0.0	0.
500.	0.5	0.3	1.0	0.5	378.	0.5	0.3	0.3	0.5	0.5	378.	0.5	0.3	0.3	0.5	0.5	378.
750.	0.8	0.3	1.5	0.5	567.	0.5	0.5	0.3	1.0	0.5	567.	0.5	0.3	0.3	0.5	0.5	567.
1000.	0.8	0.3	1.5	0.5	755.	0.5	0.5	0.3	1.0	0.5	755.	0.5	0.3	0.3	0.5	0.5	755.
2500.	2.5	0.3	3.0	1.5	1889.	0.5	1.0	0.3	2.0	0.5	1889.	0.5	0.8	0.3	1.5	0.5	1889.
5000.	5.8	0.3	4.5	1.5	3777.	0.5	2.5	0.3	3.0	1.5	3777.	0.5	1.0	0.3	2.0	0.5	3777.
15000.	29.8	0.3	12.5	3.5	11331.	0.5	7.3	0.3	5.5	1.5	11331.	0.5	3.8	0.3	3.5	1.5	11331.
25000.	118.0	0.3	29.0	5.5	18885.	0.5	21.5	0.3	11.0	2.5	18885.	0.5	6.5	0.3	5.0	1.5	18885.
35000.	241.0	0.3	42.0	7.5	26439.	0.5	50.3	0.3	19.5	3.5	26439.	0.5	8.0	0.3	6.0	1.5	26439.

226

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
20.	0.3	0.3	0.5	0.5	85.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
50.	0.5	0.3	1.0	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.5
100.	1.0	0.3	2.0	0.5	423.	0.5	0.5	0.3	1.0	0.5	423.	0.5	0.3	0.3	0.5	0.5	423.	0.5
250.	2.0	0.3	4.0	0.5	1057.	0.5	1.3	0.3	2.5	0.5	1057.	0.5	0.8	0.3	1.5	0.5	1057.	0.5
500.	3.3	0.3	6.5	0.5	2115.	0.5	2.0	0.3	4.0	0.5	2115.	0.5	1.3	0.3	2.5	0.5	2115.	0.5
750.	7.8	0.3	8.5	1.5	3172.	0.5	2.8	0.3	5.5	0.5	3172.	0.5	1.5	0.3	3.0	0.5	3172.	0.5
1000.	11.8	0.3	10.5	1.5	4229.	0.5	3.3	0.3	6.5	0.5	4229.	0.5	2.0	0.3	4.0	0.5	4229.	0.5
2500.	36.5	0.3	20.0	2.5	10574.	0.5	14.5	0.3	12.0	1.5	10574.	0.5	3.8	0.3	7.5	0.5	10574.	0.5
5000.	87.5	0.3	32.0	3.5	21147.	0.5	36.5	0.3	20.0	2.5	21147.	0.5	14.5	0.3	12.0	1.5	21147.	0.5
15000.	373.1	0.3	>50.0	7.5	63441.	0.5	148.8	0.3	42.5	4.5	63441.	0.5	57.3	0.3	26.5	3.5	63441.	0.5
25000.	522.4	0.3	>50.0	10.5	105735.	0.5	323.4	0.3	>50.0	6.5	105735.	0.5	118.8	0.3	37.5	4.5	105735.	0.5
35000.	572.1	0.3	>50.0	11.5	148029.	0.5	422.9	0.3	>50.0	8.5	148029.	0.5	185.8	0.3	47.5	5.5	148029.	0.5

227

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS.....:..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
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	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
100.	0.3	0.3	0.5	0.5	65.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	0.3	0.3	0.5	0.5	162.	0.5	0.3	0.3	0.5	0.5	162.	0.5	0.0	0.0	0.0	0.0	0.	0.0
500.	0.5	0.3	1.0	0.5	324.	0.5	0.3	0.3	0.5	0.5	324.	0.5	0.3	0.3	0.5	0.5	324.	0.5
750.	0.8	0.3	1.5	0.5	487.	0.5	0.5	0.3	1.0	0.5	487.	0.5	0.3	0.3	0.5	0.5	487.	0.5
1000.	0.8	0.3	1.5	0.5	649.	0.5	0.5	0.3	1.0	0.5	649.	0.5	0.3	0.3	0.5	0.5	649.	0.5
2500.	2.5	0.3	3.0	1.5	1622.	0.5	1.0	0.3	2.0	0.5	1622.	0.5	0.8	0.3	1.5	0.5	1622.	0.5
5000.	5.8	0.3	4.5	1.5	3244.	0.5	2.5	0.3	3.0	1.5	3244.	0.5	1.0	0.3	2.0	0.5	3244.	0.5
15000.	29.8	0.3	12.5	3.5	9732.	0.5	7.3	0.3	5.5	1.5	9732.	0.5	3.8	0.3	3.5	1.5	9732.	0.5
25000.	118.5	0.3	29.0	5.5	16220.	0.5	21.5	0.3	11.0	2.5	16220.	0.5	6.5	0.3	5.0	1.5	16220.	0.5
35000.	241.0	0.3	42.0	7.5	22708.	0.5	50.3	0.3	19.5	3.5	22708.	0.5	8.0	0.3	6.0	1.5	22708.	0.5
50000.	572.1	0.3	>50.0	11.5	32440.	0.5	117.5	0.3	29.0	5.5	32440.	0.5	21.5	0.3	11.0	2.5	32440.	0.5

228

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
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	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
100.	0.8	0.3	1.5	0.5	90.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	1.8	0.3	3.5	0.5	226.	1.0	1.0	0.3	2.0	0.5	226.	1.0	0.5	0.3	1.0	0.5	226.	1.0
500.	3.0	0.3	6.0	0.5	452.	1.0	1.8	0.3	3.5	0.5	452.	1.0	1.0	0.3	2.0	0.5	452.	1.0
750.	5.8	0.3	8.5	1.5	678.	1.0	2.5	0.3	5.0	0.5	678.	1.0	1.5	0.3	3.0	0.5	678.	1.0
1000.	10.5	0.3	10.0	1.5	904.	1.0	3.0	0.3	6.0	0.5	904.	1.0	1.8	0.3	3.5	0.5	904.	1.0
2500.	35.3	0.3	19.5	2.5	2261.	1.0	14.0	0.3	12.0	1.5	2261.	1.0	3.5	0.3	7.0	0.5	2261.	1.0
5000.	86.5	0.3	32.0	3.5	4521.	1.0	35.3	0.3	19.5	2.5	4521.	1.0	14.0	0.3	12.0	1.5	4521.	1.0
15000.	373.1	0.3	>50.0	7.5	13564.	1.0	147.3	0.3	42.5	4.5	13564.	1.0	54.5	0.3	26.0	2.5	13564.	1.0
25000.	472.6	0.3	>50.0	9.5	22607.	1.0	323.4	0.3	>50.0	6.5	22607.	1.0	117.0	0.3	37.0	4.5	22607.	1.0
35000.	572.1	0.3	>50.0	11.5	31650.	1.0	422.9	0.3	>50.0	8.5	31650.	1.0	181.5	0.3	47.0	5.5	31650.	1.0
50000.	671.6	0.3	>50.0	13.5	45214.	1.0	472.6	0.3	>50.0	9.5	45214.	1.0	323.4	0.3	>50.0	6.5	45214.	1.0

229

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	0.3	0.3	0.5	0.5	94.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.5	0.3	1.0	0.5	188.	0.5	0.3	0.3	0.5	0.5	188.	0.5	0.0	0.0	0.0	0.0	0.	0.0
750.	0.8	0.3	1.5	0.5	283.	0.5	0.5	0.3	1.0	0.5	283.	0.5	0.3	0.3	0.5	0.5	283.	0.5
1000.	0.8	0.3	1.5	0.5	377.	0.5	0.5	0.3	1.0	0.5	377.	0.5	0.3	0.3	0.5	0.5	377.	0.5
2500.	2.5	0.3	3.0	1.5	942.	0.5	1.0	0.3	2.0	0.5	942.	0.5	0.8	0.3	1.5	0.5	942.	0.5
5000.	5.8	0.3	4.5	1.5	1884.	0.5	2.5	0.3	3.0	1.5	1884.	0.5	1.0	0.3	2.0	0.5	1884.	0.5
15000.	29.8	0.3	12.5	3.5	5652.	0.5	7.3	0.3	5.5	1.5	5652.	0.5	3.8	0.3	3.5	1.5	5652.	0.5
25000.	119.0	0.3	29.0	5.5	9421.	0.5	21.5	0.3	11.0	2.5	9421.	0.5	6.5	0.3	5.0	1.5	9421.	0.5
35000.	241.5	0.3	42.0	7.5	13189.	0.5	51.8	0.3	19.5	3.5	13189.	0.5	8.0	0.3	6.0	1.5	13189.	0.5
50000.	572.1	0.3	>50.0	11.5	18841.	0.5	118.5	0.3	29.0	5.5	18841.	0.5	21.5	0.3	11.0	2.5	18841.	0.5

230

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	2.3	0.8	4.5	0.5	92.	2.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	3.3	0.8	6.5	0.5	138.	2.0	1.3	1.3	2.5	0.5	138.	2.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	6.3	0.8	8.5	1.5	184.	2.0	2.3	0.8	4.5	0.5	184.	2.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	29.5	0.8	18.0	2.5	461.	2.0	10.8	0.8	10.5	1.5	461.	2.0	2.8	0.8	5.5	0.5	461.	2.0
5000.	80.3	0.8	30.5	3.5	922.	2.0	29.5	0.8	18.0	2.5	922.	2.0	10.8	0.8	10.5	1.5	922.	2.0
15000.	373.1	0.3	>50.0	7.5	2765.	2.0	139.0	0.8	41.0	4.5	2765.	2.0	50.8	0.8	24.5	2.5	2765.	2.0
25000.	472.6	0.3	>50.0	9.5	4609.	2.0	320.1	0.8	>50.0	6.5	4609.	2.0	103.0	0.8	36.0	3.5	4609.	2.0
35000.	572.1	0.3	>50.0	11.5	6452.	2.0	373.1	0.3	>50.0	7.5	6452.	2.0	165.3	0.8	45.5	4.5	6452.	2.0
50000.	671.6	0.3	>50.0	13.5	9218.	2.0	472.6	0.3	>50.0	9.5	9218.	2.0	320.1	0.8	>50.0	6.5	9218.	2.0

231

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.5	0.3	1.0	0.5	76.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.8	0.3	1.5	0.5	114.	0.5	0.5	0.3	1.0	0.5	114.	0.5	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.8	0.3	1.5	0.5	152.	0.5	0.5	0.3	1.0	0.5	152.	0.5	0.0	0.0	0.0	0.0	0.	0.0
2500.	2.5	0.3	3.0	1.5	381.	0.5	1.0	0.3	2.0	0.5	381.	0.5	0.5	0.3	1.0	0.5	381.	0.5
5000.	5.3	0.3	4.5	1.5	762.	0.5	2.5	0.3	3.0	1.5	762.	0.5	1.0	0.3	2.0	0.5	762.	0.5
15000.	29.3	0.3	12.5	3.5	2285.	0.5	7.3	0.3	5.5	1.5	2285.	0.5	3.8	0.3	3.5	1.5	2285.	0.5
25000.	118.0	0.3	29.0	5.5	3809.	0.5	22.5	0.3	11.0	2.5	3809.	0.5	6.5	0.3	5.0	1.5	3809.	0.5
35000.	242.0	0.3	42.0	7.5	5333.	0.5	52.3	0.3	19.5	3.5	5333.	0.5	8.0	0.3	6.0	1.5	5333.	0.5
50000.	572.1	0.3	>50.0	11.5	7618.	0.5	117.5	0.3	29.0	5.5	7618.	0.5	22.5	0.3	11.0	2.5	7618.	0.5
75000.	820.9	0.3	>50.0	16.5	11427.	0.5	280.8	0.3	45.5	8.5	11427.	0.5	61.0	0.3	21.0	4.5	11427.	0.5
100000.	1019.9	0.3	>50.0	20.5	15236.	0.5	572.1	0.3	>50.0	11.5	15236.	0.5	117.5	0.3	29.0	5.5	15236.	0.5

232

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
8/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
000.	2.5	2.3	5.0	0.5	66.	4.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	20.3	1.8	15.5	1.5	165.	4.0	3.5	2.3	7.0	0.5	165.	4.0	0.0	0.0	0.0	0.0	0.	0.0
000.	67.8	1.3	28.5	3.5	331.	4.0	20.3	1.8	15.5	1.5	331.	4.0	3.5	2.3	7.0	0.5	331.	4.0
000.	316.9	1.3	>50.0	6.5	992.	4.0	125.0	1.3	39.0	4.5	992.	4.0	43.3	1.3	22.5	2.5	992.	4.0
000.	467.9	0.8	>50.0	9.5	1654.	4.0	316.9	1.3	>50.0	6.5	1654.	4.0	93.0	1.3	34.0	3.5	1654.	4.0
000.	566.4	0.8	>50.0	11.5	2316.	4.0	365.6	1.3	>50.0	7.5	2316.	4.0	152.3	1.3	43.5	4.5	2316.	4.0
000.	615.6	0.8	>50.0	12.5	3308.	4.0	467.9	0.8	>50.0	9.5	3308.	4.0	316.9	1.3	>50.0	6.5	3308.	4.0
000.	714.1	0.8	>50.0	14.5	4962.	4.0	566.4	0.8	>50.0	11.5	4962.	4.0	365.6	1.3	>50.0	7.5	4962.	4.0
000.	763.4	0.8	>50.0	15.5	6616.	4.0	615.6	0.8	>50.0	12.5	6616.	4.0	467.9	0.8	>50.0	9.5	6616.	4.0

233

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
8/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.3	0.8	0.5	0.5	51.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.5	0.8	1.0	0.5	76.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
000.	0.5	0.8	1.0	0.5	102.	1.0	0.3	0.8	0.5	0.5	102.	1.0	0.0	0.0	0.0	0.0	0.	0.0
500.	1.5	0.3	3.0	0.5	255.	1.0	1.0	0.3	2.0	0.5	255.	1.0	0.3	0.8	0.5	0.5	255.	1.0
000.	4.8	0.3	4.5	1.5	510.	1.0	1.5	0.3	3.0	0.5	510.	1.0	1.0	0.3	2.0	0.5	510.	1.0
000.	29.3	0.3	12.5	3.5	1529.	1.0	6.8	0.3	5.5	1.5	1529.	1.0	3.8	0.3	3.5	1.5	1529.	1.0
000.	118.5	0.3	29.0	5.5	2549.	1.0	22.5	0.3	11.0	2.5	2549.	1.0	6.0	0.3	5.0	1.5	2549.	1.0
000.	242.0	0.3	42.0	7.5	3568.	1.0	52.3	0.3	19.5	3.5	3568.	1.0	8.5	0.3	6.0	1.5	3568.	1.0
000.	572.1	0.3	>50.0	11.5	5098.	1.0	117.5	0.3	29.0	5.5	5098.	1.0	22.5	0.3	11.0	2.5	5098.	1.0
000.	820.9	0.3	>50.0	16.5	7646.	1.0	280.8	0.3	45.5	8.5	7646.	1.0	61.0	0.3	21.0	4.5	7646.	1.0
000.	1019.9	0.3	>50.0	20.5	10195.	1.0	572.1	0.3	>50.0	11.5	10195.	1.0	117.5	0.3	29.0	5.5	10195.	1.0

234

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	11.5	3.3	11.0	1.5	80.	6.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
000.	50.0	2.3	25.0	2.5	161.	6.5	11.5	3.3	11.0	1.5	161.	6.5	0.0	0.0	0.0	0.0	0.	0.0
000.	313.6	1.8	>50.0	6.5	483.	6.5	100.3	2.3	35.5	3.5	483.	6.5	25.8	2.8	18.5	2.5	483.	6.5
00.	458.4	1.8	>50.0	9.5	804.	6.5	265.4	1.8	>50.0	5.5	804.	6.5	77.8	2.3	30.5	3.5	804.	6.5
00.	554.9	1.8	>50.0	11.5	1126.	6.5	361.9	1.8	>50.0	7.5	1126.	6.5	132.8	2.3	40.5	4.5	1126.	6.5
00.	603.1	1.8	>50.0	12.5	1609.	6.5	458.4	1.8	>50.0	9.5	1609.	6.5	265.4	1.8	>50.0	5.5	1609.	6.5
00.	706.9	1.3	>50.0	14.5	2413.	6.5	554.9	1.8	>50.0	11.5	2413.	6.5	361.9	1.8	>50.0	7.5	2413.	6.5
00.	755.6	1.3	>50.0	15.5	3217.	6.5	603.1	1.8	>50.0	12.5	3217.	6.5	458.4	1.8	>50.0	9.5	3217.	6.5

235

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 1500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DC
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	M
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.
5000.	3.8	9.3	7.5	0.5	53.	12.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.
15000.	248.9	4.8	>50.0	5.5	160.	12.0	44.8	6.3	23.5	2.5	160.	12.0	0.0	0.0	0.0	0.0	0.	0.
25000.	388.9	4.3	>50.0	8.5	267.	12.0	201.4	5.3	>50.0	4.5	267.	12.0	22.0	6.8	17.0	1.5	267.	12.
35000.	485.6	3.8	>50.0	10.5	374.	12.0	294.1	4.8	>50.0	6.5	374.	12.0	62.3	5.8	29.5	2.5	374.	12.
50000.	531.9	3.8	>50.0	11.5	535.	12.0	388.9	4.3	>50.0	8.5	535.	12.0	201.4	5.3	>50.0	4.5	535.	12.
75000.	631.1	3.3	>50.0	13.5	802.	12.0	485.6	3.8	>50.0	10.5	802.	12.0	297.4	4.3	>50.0	6.5	802.	12.
100000.	677.9	3.3	>50.0	14.5	1070.	12.0	531.9	3.8	>50.0	11.5	1070.	12.0	388.9	4.3	>50.0	8.5	1070.	12.

236

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 2000.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	91.8	11.3	34.5	3.5	73.	20.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
25000.	271.4	8.3	>50.0	6.5	121.	20.5	39.8	13.3	22.5	2.5	121.	20.5	0.0	0.0	0.0	0.0	0.	0.0
35000.	363.4	7.3	>50.0	8.5	169.	20.5	178.9	10.3	>50.0	4.5	169.	20.5	0.0	0.0	0.0	0.0	0.	0.0
50000.	454.1	6.8	>50.0	10.5	242.	20.5	271.4	8.3	>50.0	6.5	242.	20.5	39.8	13.3	22.5	2.5	242.	20.5
75000.	546.9	6.3	>50.0	12.5	363.	20.5	406.1	7.3	>50.0	9.5	363.	20.5	181.1	9.8	>50.0	4.5	363.	20.5
100000.	597.4	5.8	>50.0	13.5	484.	20.5	454.1	6.8	>50.0	10.5	484.	20.5	271.4	8.3	>50.0	6.5	484.	20.5

237

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 2500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
25000.	111.1	18.3	>50.0	3.5	65.	31.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
35000.	229.1	14.8	>50.0	6.5	92.	31.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
50000.	358.6	12.3	>50.0	9.5	131.	31.5	109.4	18.8	>50.0	3.5	131.	31.5	0.0	0.0	0.0	0.0	0.	0.0
75000.	451.4	10.8	>50.0	11.5	196.	31.5	268.1	14.3	>50.0	7.5	196.	31.5	0.0	0.0	0.0	0.0	0.	0.0
100000.	503.1	9.8	>50.0	12.5	262.	31.5	358.6	12.3	>50.0	9.5	262.	31.5	109.4	18.8	>50.0	3.5	262.	31.5

238

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 3500.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
B/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
000.	4.1	47.3	>50.0	1.5	51.	50.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
000.	125.1	30.8	>50.0	6.5	77.	50.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
000.	206.1	25.8	>50.0	8.5	102.	50.5	3.4	47.8	>50.0	1.5	102.	50.5	0.0	0.0	0.0	0.0	0.	0.0

239

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 5000.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
B/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0

240

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
B/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
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	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
00.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
50.	0.3	0.3	0.5	0.5	94.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
00.	0.3	0.3	0.5	0.5	189.	0.5	0.3	0.3	0.5	0.5	189.	0.5	0.0	0.0	0.0	0.0	0.	0.0
50.	0.5	0.3	1.0	0.5	283.	0.5	0.3	0.3	0.5	0.5	283.	0.5	0.3	0.3	0.5	0.5	283.	0.5
00.	0.5	0.3	1.0	0.5	378.	0.5	0.3	0.3	0.5	0.5	378.	0.5	0.3	0.3	0.5	0.5	378.	0.5
00.	1.0	0.3	2.0	0.5	944.	0.5	0.8	0.3	1.5	0.5	944.	0.5	0.5	0.3	1.0	0.5	944.	0.5
00.	2.5	0.3	3.0	1.5	1889.	0.5	1.0	0.3	2.0	0.5	1889.	0.5	0.8	0.3	1.5	0.5	1889.	0.5
00.	7.3	0.3	5.5	1.5	5666.	0.5	3.8	0.3	3.5	1.5	5666.	0.5	1.3	0.3	2.5	0.5	5666.	0.5
00.	21.5	0.3	11.0	2.5	9443.	0.5	6.5	0.3	5.0	1.5	9443.	0.5	3.3	0.3	3.5	1.5	9443.	0.5
00.	50.8	0.3	19.5	3.5	13220.	0.5	8.0	0.3	6.0	1.5	13220.	0.5	5.0	0.3	4.0	1.5	13220.	0.5

241

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
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	0.0	0.0	0.0	0.	0.0
50.	0.3	0.3	0.5	0.5	106.	0.5	0.3	0.3	0.5	0.5	106.	0.5	0.0	0.0	0.0	0.0	0.	0.0
100.	0.5	0.3	1.0	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.5
250.	1.3	0.3	2.5	0.5	529.	0.5	0.8	0.3	1.5	0.5	529.	0.5	0.5	0.3	1.0	0.5	529.	0.5
500.	2.0	0.3	4.0	0.5	1057.	0.5	1.3	0.3	2.5	0.5	1057.	0.5	0.8	0.3	1.5	0.5	1057.	0.5
750.	2.8	0.3	5.5	0.5	1586.	0.5	1.5	0.3	3.0	0.5	1586.	0.5	1.0	0.3	2.0	0.5	1586.	0.5
1000.	3.3	0.3	6.5	0.5	2115.	0.5	2.0	0.3	4.0	0.5	2115.	0.5	1.3	0.3	2.5	0.5	2115.	0.5
2500.	14.8	0.3	12.5	1.5	5287.	0.5	3.8	0.3	7.5	0.5	5287.	0.5	2.3	0.3	4.5	0.5	5287.	0.5
5000.	36.5	0.3	20.0	2.5	10574.	0.5	14.5	0.3	12.0	1.5	10574.	0.5	3.8	0.3	7.5	0.5	10574.	0.5
15000.	148.8	0.3	42.5	4.5	31721.	0.5	57.3	0.3	26.5	3.5	31721.	0.5	21.8	0.3	16.5	1.5	31721.	0.5
25000.	323.4	0.3	>50.0	6.5	52868.	0.5	118.8	0.3	37.5	4.5	52868.	0.5	46.0	0.3	23.0	2.5	52868.	0.5
35000.	422.9	0.3	>50.0	8.5	74015.	0.5	185.8	0.3	47.5	5.5	74015.	0.5	75.3	0.3	29.5	3.5	74015.	0.5

242

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
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	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.	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	0.3	0.3	0.5	0.5	81.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.3	0.3	0.5	0.5	162.	0.5	0.3	0.3	0.5	0.5	162.	0.5	0.0	0.0	0.0	0.0	0.	0.0
750.	0.5	0.3	1.0	0.5	243.	0.5	0.3	0.3	0.5	0.5	243.	0.5	0.3	0.3	0.5	0.5	243.	0.5
1000.	0.5	0.3	1.0	0.5	324.	0.5	0.3	0.3	0.5	0.5	324.	0.5	0.3	0.3	0.5	0.5	324.	0.5
2500.	1.0	0.3	2.0	0.5	811.	0.5	0.8	0.3	1.5	0.5	811.	0.5	0.5	0.3	1.0	0.5	811.	0.5
5000.	2.5	0.3	3.0	1.5	1622.	0.5	1.0	0.3	2.0	0.5	1622.	0.5	0.8	0.3	1.5	0.5	1622.	0.5
15000.	7.3	0.3	5.5	1.5	4866.	0.5	3.8	0.3	3.5	1.5	4866.	0.5	1.3	0.3	2.5	0.5	4866.	0.5
25000.	22.0	0.3	11.0	2.5	8110.	0.5	6.5	0.3	5.0	1.5	8110.	0.5	3.3	0.3	3.5	1.5	8110.	0.5
35000.	50.8	0.3	19.5	3.5	11354.	0.5	8.0	0.3	6.0	1.5	11354.	0.5	5.0	0.3	4.0	1.5	11354.	0.5
50000.	118.5	0.3	29.0	5.5	16220.	0.5	21.5	0.3	11.0	2.5	16220.	0.5	6.5	0.3	5.0	1.5	16220.	0.5

243

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
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	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.	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	1.0	0.3	2.0	0.5	113.	1.0	0.5	0.3	1.0	0.5	113.	1.0	0.0	0.0	0.0	0.0	0.	0.0
500.	1.8	0.3	3.5	0.5	226.	1.0	1.0	0.3	2.0	0.5	226.	1.0	0.5	0.3	1.0	0.5	226.	1.0
750.	2.5	0.3	5.0	0.5	339.	1.0	1.5	0.3	3.0	0.5	339.	1.0	0.8	0.3	1.5	0.5	339.	1.0
1000.	3.0	0.3	6.0	0.5	452.	1.0	1.8	0.3	3.5	0.5	452.	1.0	1.0	0.3	2.0	0.5	452.	1.0
2500.	14.0	0.3	12.0	1.5	1130.	1.0	3.5	0.3	7.0	0.5	1130.	1.0	2.3	0.3	4.5	0.5	1130.	1.0
5000.	35.3	0.3	19.5	2.5	2261.	1.0	14.0	0.3	12.0	1.5	2261.	1.0	3.5	0.3	7.0	0.5	2261.	1.0
15000.	147.3	0.3	42.5	4.5	6782.	1.0	54.5	0.3	26.0	2.5	6782.	1.0	21.0	0.3	16.0	1.5	6782.	1.0
25000.	323.4	0.3	>50.0	6.5	11304.	1.0	117.0	0.3	37.0	4.5	11304.	1.0	45.5	0.3	23.0	2.5	11304.	1.0
35000.	422.9	0.3	>50.0	8.5	15825.	1.0	181.5	0.3	47.0	5.5	15825.	1.0	73.0	0.3	29.0	3.5	15825.	1.0
50000.	472.6	0.3	>50.0	9.5	22607.	1.0	323.4	0.3	>50.0	6.5	22607.	1.0	117.0	0.3	37.0	4.5	22607.	1.0

244

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.3	0.3	0.5	0.5	94.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.5	0.3	1.0	0.5	141.	0.5	0.3	0.3	0.5	0.5	141.	0.5	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.5	0.3	1.0	0.5	188.	0.5	0.3	0.3	0.5	0.5	188.	0.5	0.0	0.0	0.0	0.0	0.	0.0
2500.	1.0	0.3	2.0	0.5	471.	0.5	0.8	0.3	1.5	0.5	471.	0.5	0.5	0.3	1.0	0.5	471.	0.5
5000.	2.5	0.3	3.0	1.5	942.	0.5	1.0	0.3	2.0	0.5	942.	0.5	0.8	0.3	1.5	0.5	942.	0.5
5000.	7.3	0.3	5.5	1.5	2826.	0.5	3.8	0.3	3.5	1.5	2826.	0.5	1.3	0.3	2.5	0.5	2826.	0.5
5000.	22.5	0.3	11.0	2.5	4710.	0.5	6.5	0.3	5.0	1.5	4710.	0.5	3.3	0.3	3.5	1.5	4710.	0.5
5000.	52.3	0.3	19.5	3.5	6594.	0.5	8.0	0.3	6.0	1.5	6594.	0.5	4.5	0.3	4.0	1.5	6594.	0.5
0000.	119.0	0.3	29.0	5.5	9421.	0.5	21.5	0.3	11.0	2.5	9421.	0.5	6.5	0.3	5.0	1.5	9421.	0.5

245

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	1.3	1.3	2.5	0.5	69.	2.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	2.3	0.8	4.5	0.5	92.	2.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	10.8	0.8	10.5	1.5	230.	2.0	2.8	0.8	5.5	0.5	230.	2.0	1.0	1.3	2.0	0.5	230.	2.0
5000.	29.5	0.8	18.0	2.5	461.	2.0	10.8	0.8	10.5	1.5	461.	2.0	2.8	0.8	5.5	0.5	461.	2.0
5000.	139.0	0.8	41.0	4.5	1383.	2.0	50.8	0.8	24.5	2.5	1383.	2.0	18.3	0.8	14.5	1.5	1383.	2.0
5000.	320.1	0.8	>50.0	6.5	2304.	2.0	103.0	0.8	36.0	3.5	2304.	2.0	40.8	0.8	21.5	2.5	2304.	2.0
5000.	373.1	0.3	>50.0	7.5	3226.	2.0	165.3	0.8	45.5	4.5	3226.	2.0	65.3	0.8	27.5	3.5	3226.	2.0
0000.	472.6	0.3	>50.0	9.5	4609.	2.0	320.1	0.8	>50.0	6.5	4609.	2.0	103.0	0.8	36.0	3.5	4609.	2.0

246

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
B/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.5	0.3	1.0	0.5	57.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
000.	0.5	0.3	1.0	0.5	76.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	1.0	0.3	2.0	0.5	190.	0.5	0.5	0.3	1.0	0.5	190.	0.5	0.0	0.0	0.0	0.0	0.	0.0
000.	2.5	0.3	3.0	1.5	381.	0.5	1.0	0.3	2.0	0.5	381.	0.5	0.5	0.3	1.0	0.5	381.	0.5
000.	7.3	0.3	5.5	1.5	1143.	0.5	3.8	0.3	3.5	1.5	1143.	0.5	1.3	0.3	2.5	0.5	1143.	0.5
000.	23.0	0.3	11.0	2.5	1904.	0.5	6.5	0.3	5.0	1.5	1904.	0.5	3.0	0.3	3.0	1.5	1904.	0.5
000.	52.8	0.3	19.5	3.5	2666.	0.5	8.0	0.3	6.0	1.5	2666.	0.5	4.5	0.3	4.0	1.5	2666.	0.5
000.	118.0	0.3	29.0	5.5	3809.	0.5	22.5	0.3	11.0	2.5	3809.	0.5	6.5	0.3	5.0	1.5	3809.	0.5
000.	282.8	0.3	45.5	8.5	5713.	0.5	61.0	0.3	21.0	4.5	5713.	0.5	11.5	0.3	9.0	1.5	5713.	0.5
000.	572.1	0.3	>50.0	11.5	7618.	0.5	117.5	0.3	29.0	5.5	7618.	0.5	22.5	0.3	11.0	2.5	7618.	0.5

247

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	3.5	2.3	7.0	0.5	83.	4.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	20.3	1.8	15.5	1.5	165.	4.0	3.5	2.3	7.0	0.5	165.	4.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	125.0	1.3	39.0	4.5	496.	4.0	43.3	1.3	22.5	2.5	496.	4.0	13.3	1.8	11.5	1.5	496.	4.0
25000.	316.9	1.3	>50.0	6.5	827.	4.0	93.0	1.3	34.0	3.5	827.	4.0	32.3	1.3	19.5	2.5	827.	4.0
35000.	365.6	1.3	>50.0	7.5	1158.	4.0	152.3	1.3	43.5	4.5	1158.	4.0	52.3	1.3	25.5	2.5	1158.	4.0
50000.	467.9	0.8	>50.0	9.5	1654.	4.0	316.9	1.3	>50.0	6.5	1654.	4.0	93.0	1.3	34.0	3.5	1654.	4.0
75000.	566.4	0.8	>50.0	11.5	2481.	4.0	365.6	1.3	>50.0	7.5	2481.	4.0	166.0	1.3	46.0	4.5	2481.	4.0
100000.	615.6	0.8	>50.0	12.5	3308.	4.0	467.9	0.8	>50.0	9.5	3308.	4.0	316.9	1.3	>50.0	6.5	3308.	4.0

248

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.3	0.8	0.5	0.5	51.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	1.0	0.3	2.0	0.5	127.	1.0	0.3	0.8	0.5	0.5	127.	1.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	1.5	0.3	3.0	0.5	255.	1.0	1.0	0.3	2.0	0.5	255.	1.0	0.3	0.8	0.5	0.5	255.	1.0
15000.	6.8	0.3	5.5	1.5	765.	1.0	3.8	0.3	3.5	1.5	765.	1.0	1.3	0.3	2.5	0.5	765.	1.0
25000.	23.0	0.3	11.0	2.5	1274.	1.0	6.0	0.3	5.0	1.5	1274.	1.0	3.0	0.3	3.0	1.5	1274.	1.0
35000.	52.8	0.3	19.5	3.5	1784.	1.0	8.5	0.3	6.0	1.5	1784.	1.0	4.5	0.3	4.0	1.5	1784.	1.0
50000.	118.5	0.3	29.0	5.5	2549.	1.0	22.5	0.3	11.0	2.5	2549.	1.0	6.0	0.3	5.0	1.5	2549.	1.0
75000.	282.8	0.3	45.5	8.5	3823.	1.0	61.0	0.3	21.0	4.5	3823.	1.0	11.5	0.3	9.0	1.5	3823.	1.0
100000.	572.1	0.3	>50.0	11.5	5098.	1.0	117.5	0.3	29.0	5.5	5098.	1.0	22.5	0.3	11.0	2.5	5098.	1.0

249

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	11.5	3.3	11.0	1.5	80.	6.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	100.3	2.3	35.5	3.5	241.	6.5	25.8	2.8	18.5	2.5	241.	6.5	2.8	4.3	5.5	0.5	241.	6.5
25000.	265.4	1.8	>50.0	5.5	402.	6.5	77.8	2.3	30.5	3.5	402.	6.5	19.0	2.8	15.0	1.5	402.	6.5
35000.	361.9	1.8	>50.0	7.5	563.	6.5	132.8	2.3	40.5	4.5	563.	6.5	40.3	2.8	21.5	2.5	563.	6.5
50000.	458.4	1.8	>50.0	9.5	804.	6.5	265.4	1.8	>50.0	5.5	804.	6.5	77.8	2.3	30.5	3.5	804.	6.5
75000.	554.9	1.8	>50.0	11.5	1206.	6.5	361.9	1.8	>50.0	7.5	1206.	6.5	148.3	2.3	42.5	4.5	1206.	6.5
100000.	603.1	1.8	>50.0	12.5	1609.	6.5	458.4	1.8	>50.0	9.5	1609.	6.5	265.4	1.8	>50.0	5.5	1609.	6.5

250

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 1500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	45.3	6.3	23.5	2.5	80.	12.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
25000.	201.4	5.3	>50.0	4.5	134.	12.0	22.0	6.8	17.0	1.5	134.	12.0	0.0	0.0	0.0	0.0	0.	0.0
35000.	294.1	4.8	>50.0	6.5	187.	12.0	62.3	5.8	29.5	2.5	187.	12.0	0.0	0.0	0.0	0.0	0.	0.0
50000.	388.9	4.3	>50.0	8.5	267.	12.0	201.4	5.3	>50.0	4.5	267.	12.0	22.0	6.8	17.0	1.5	267.	12.0
75000.	485.6	3.8	>50.0	10.5	401.	12.0	297.4	4.3	>50.0	6.5	401.	12.0	81.0	5.8	32.0	3.5	401.	12.0
100000.	531.9	3.8	>50.0	11.5	535.	12.0	388.9	4.3	>50.0	8.5	535.	12.0	201.4	5.3	>50.0	4.5	535.	12.0

251

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 2000.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
25000.	39.8	13.3	22.5	2.5	61.	20.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
35000.	178.9	10.3	>50.0	4.5	85.	20.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
50000.	271.4	8.3	>50.0	6.5	121.	20.5	39.8	13.3	22.5	2.5	121.	20.5	0.0	0.0	0.0	0.0	0.	0.0
75000.	406.1	7.3	>50.0	9.5	182.	20.5	181.1	9.8	>50.0	4.5	182.	20.5	0.0	0.0	0.0	0.0	0.	0.0
100000.	454.1	6.8	>50.0	10.5	242.	20.5	271.4	8.3	>50.0	6.5	242.	20.5	39.8	13.3	22.5	2.5	242.	20.5

252

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 2500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
25000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
35000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
50000.	111.1	18.3	>50.0	3.5	65.	31.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
75000.	268.1	14.3	>50.0	7.5	98.	31.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
100000.	358.6	12.3	>50.0	9.5	131.	31.5	109.4	18.8	>50.0	3.5	131.	31.5	0.0	0.0	0.0	0.0	0.	0.0

253

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 3500.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
25000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
35000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
50000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
75000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
100000.	4.1	47.3	>50.0	1.5	51.	50.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0

254

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 5000.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0

255

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
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	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.	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	0.3	0.3	0.5	0.5	63.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.3	0.3	0.5	0.5	126.	0.5	0.3	0.3	0.5	0.5	126.	0.5	0.0	0.0	0.0	0.0	0.	0.0
750.	0.3	0.3	0.5	0.5	189.	0.5	0.3	0.3	0.5	0.5	189.	0.5	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.5	0.3	1.0	0.5	252.	0.5	0.3	0.3	0.5	0.5	252.	0.5	0.3	0.3	0.5	0.5	252.	0.5
2500.	0.8	0.3	1.5	0.5	630.	0.5	0.5	0.3	1.0	0.5	630.	0.5	0.3	0.3	0.5	0.5	630.	0.5
5000.	1.3	0.3	2.5	0.5	1259.	0.5	0.8	0.3	1.5	0.5	1259.	0.5	0.5	0.3	1.0	0.5	1259.	0.5
15000.	5.8	0.3	4.5	1.5	3777.	0.5	2.5	0.3	3.0	1.5	3777.	0.5	1.0	0.3	2.0	0.5	3777.	0.5
25000.	8.0	0.3	6.0	1.5	6295.	0.5	5.0	0.3	4.0	1.5	6295.	0.5	1.3	0.3	2.5	0.5	6295.	0.5
35000.	19.8	0.3	10.5	2.5	8813.	0.5	5.8	0.3	4.5	1.5	8813.	0.5	3.0	0.3	3.0	1.5	8813.	0.5

256

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	0.0	0.0	0.0	0.	0.0
50.	0.3	0.3	0.5	0.5	70.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
100.	0.5	0.3	1.0	0.5	141.	0.5	0.3	0.3	0.5	0.5	141.	0.5	0.0	0.0	0.0	0.0	0.	0.0
250.	1.0	0.3	2.0	0.5	352.	0.5	0.5	0.3	1.0	0.5	352.	0.5	0.3	0.3	0.5	0.5	352.	0.5
500.	1.5	0.3	3.0	0.5	705.	0.5	1.0	0.3	2.0	0.5	705.	0.5	0.5	0.3	1.0	0.5	705.	0.5
750.	2.0	0.3	4.0	0.5	1057.	0.5	1.3	0.3	2.5	0.5	1057.	0.5	0.8	0.3	1.5	0.5	1057.	0.5
1000.	2.5	0.3	5.0	0.5	1410.	0.5	1.5	0.3	3.0	0.5	1410.	0.5	1.0	0.3	2.0	0.5	1410.	0.5
2500.	9.0	0.3	9.0	1.5	3525.	0.5	2.8	0.3	5.5	0.5	3525.	0.5	1.8	0.3	3.5	0.5	3525.	0.5
5000.	19.5	0.3	15.0	1.5	7049.	0.5	9.0	0.3	9.0	1.5	7049.	0.5	2.8	0.3	5.5	0.5	7049.	0.5
15000.	87.5	0.3	32.0	3.5	21147.	0.5	36.5	0.3	20.0	2.5	21147.	0.5	14.5	0.3	12.0	1.5	21147.	0.5
25000.	171.0	0.3	46.0	5.5	35245.	0.5	71.3	0.3	28.5	3.5	35245.	0.5	27.3	0.3	17.5	2.5	35245.	0.5
35000.	323.4	0.3	>50.0	6.5	49343.	0.5	103.8	0.3	35.5	4.5	49343.	0.5	43.5	0.3	22.0	2.5	49343.	0.5

257

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	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.	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	0.3	0.3	0.5	0.5	54.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.3	0.3	0.5	0.5	108.	0.5	0.3	0.3	0.5	0.5	108.	0.5	0.0	0.0	0.0	0.0	0.	0.0
750.	0.3	0.3	0.5	0.5	162.	0.5	0.3	0.3	0.5	0.5	162.	0.5	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.5	0.3	1.0	0.5	216.	0.5	0.3	0.3	0.5	0.5	216.	0.5	0.3	0.3	0.5	0.5	216.	0.5
2500.	0.8	0.3	1.5	0.5	541.	0.5	0.5	0.3	1.0	0.5	541.	0.5	0.3	0.3	0.5	0.5	541.	0.5
5000.	1.3	0.3	2.5	0.5	1081.	0.5	0.8	0.3	1.5	0.5	1081.	0.5	0.5	0.3	1.0	0.5	1081.	0.5
15000.	5.8	0.3	4.5	1.5	3244.	0.5	2.5	0.3	3.0	1.5	3244.	0.5	1.0	0.3	2.0	0.5	3244.	0.5
25000.	8.0	0.3	6.0	1.5	5407.	0.5	4.5	0.3	4.0	1.5	5407.	0.5	1.3	0.3	2.5	0.5	5407.	0.5
35000.	19.8	0.3	10.5	2.5	7569.	0.5	5.8	0.3	4.5	1.5	7569.	0.5	3.0	0.3	3.0	1.5	7569.	0.5
50000.	33.8	0.3	13.5	3.5	10813.	0.5	8.0	0.3	6.0	1.5	10813.	0.5	4.5	0.3	4.0	1.5	10813.	0.5

258

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	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.	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	0.8	0.3	1.5	0.5	75.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	1.3	0.3	2.5	0.5	151.	1.0	0.8	0.3	1.5	0.5	151.	1.0	0.0	0.0	0.0	0.0	0.	0.0
750.	1.8	0.3	3.5	0.5	226.	1.0	1.0	0.3	2.0	0.5	226.	1.0	0.5	0.3	1.0	0.5	226.	1.0
1000.	2.3	0.3	4.5	0.5	301.	1.0	1.3	0.3	2.5	0.5	301.	1.0	0.8	0.3	1.5	0.5	301.	1.0
2500.	8.0	0.3	9.0	1.5	754.	1.0	2.8	0.3	5.5	0.5	754.	1.0	1.5	0.3	3.0	0.5	754.	1.0
5000.	18.3	0.3	14.5	1.5	1507.	1.0	7.5	0.3	9.0	1.5	1507.	1.0	2.8	0.3	5.5	0.5	1507.	1.0
15000.	86.5	0.3	32.0	3.5	4521.	1.0	35.3	0.3	19.5	2.5	4521.	1.0	14.0	0.3	12.0	1.5	4521.	1.0
25000.	164.3	0.3	45.5	4.5	7536.	1.0	68.0	0.3	28.0	3.5	7536.	1.0	25.0	0.3	17.0	2.5	7536.	1.0
35000.	323.4	0.3	>50.0	6.5	10550.	1.0	100.8	0.3	35.5	3.5	10550.	1.0	42.0	0.3	22.0	2.5	10550.	1.0
50000.	373.1	0.3	>50.0	7.5	15071.	1.0	164.3	0.3	45.5	4.5	15071.	1.0	68.0	0.3	28.0	3.5	15071.	1.0

259

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.3	0.3	0.5	0.5	63.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.3	0.3	0.5	0.5	94.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.5	0.3	1.0	0.5	126.	0.5	0.3	0.3	0.5	0.5	126.	0.5	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.8	0.3	1.5	0.5	314.	0.5	0.5	0.3	1.0	0.5	314.	0.5	0.3	0.3	0.5	0.5	314.	0.5
5000.	1.3	0.3	2.5	0.5	628.	0.5	0.8	0.3	1.5	0.5	628.	0.5	0.5	0.3	1.0	0.5	628.	0.5
15000.	5.8	0.3	4.5	1.5	1884.	0.5	2.5	0.3	3.0	1.5	1884.	0.5	1.0	0.3	2.0	0.5	1884.	0.5
25000.	8.0	0.3	6.0	1.5	3140.	0.5	4.5	0.3	4.0	1.5	3140.	0.5	1.3	0.3	2.5	0.5	3140.	0.5
35000.	19.8	0.3	10.5	2.5	4396.	0.5	5.8	0.3	4.5	1.5	4396.	0.5	3.0	0.3	3.0	1.5	4396.	0.5
50000.	46.8	0.3	18.5	3.5	6280.	0.5	8.0	0.3	6.0	1.5	6280.	0.5	4.5	0.3	4.0	1.5	6280.	0.5

260

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	1.0	1.3	2.0	0.5	61.	2.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	3.8	0.8	7.5	0.5	154.	2.0	1.5	1.3	3.0	0.5	154.	2.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	16.0	0.8	13.0	1.5	307.	2.0	3.8	0.8	7.5	0.5	307.	2.0	1.5	1.3	3.0	0.5	307.	2.0
15000.	80.3	0.8	30.5	3.5	922.	2.0	29.5	0.8	18.0	2.5	922.	2.0	10.8	0.8	10.5	1.5	922.	2.0
25000.	158.0	0.8	44.0	4.5	1536.	2.0	57.8	0.8	26.5	3.5	1536.	2.0	20.5	0.8	16.0	1.5	1536.	2.0
35000.	320.1	0.8	>50.0	6.5	2151.	2.0	95.5	0.8	34.0	3.5	2151.	2.0	37.8	0.8	20.5	2.5	2151.	2.0
50000.	373.1	0.3	>50.0	7.5	3073.	2.0	156.5	0.8	44.0	4.5	3073.	2.0	57.8	0.8	26.5	3.5	3073.	2.0

261

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.3	0.3	0.5	0.5	51.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.8	0.3	1.5	0.5	127.	0.5	0.5	0.3	1.0	0.5	127.	0.5	0.0	0.0	0.0	0.0	0.	0.0
5000.	1.3	0.3	2.5	0.5	254.	0.5	0.8	0.3	1.5	0.5	254.	0.5	0.5	0.3	1.0	0.5	254.	0.5
15000.	5.3	0.3	4.5	1.5	762.	0.5	2.5	0.3	3.0	1.5	762.	0.5	1.0	0.3	2.0	0.5	762.	0.5
25000.	8.0	0.3	6.0	1.5	1270.	0.5	4.5	0.3	4.0	1.5	1270.	0.5	1.3	0.3	2.5	0.5	1270.	0.5
35000.	19.8	0.3	10.5	2.5	1778.	0.5	5.3	0.3	4.5	1.5	1778.	0.5	3.0	0.3	3.0	1.5	1778.	0.5
50000.	47.3	0.3	18.5	3.5	2539.	0.5	8.0	0.3	6.0	1.5	2539.	0.5	4.5	0.3	4.0	1.5	2539.	0.5
75000.	118.0	0.3	29.0	5.5	3809.	0.5	22.5	0.3	11.0	2.5	3809.	0.5	6.5	0.3	5.0	1.5	3809.	0.5
100000.	222.5	0.3	40.0	7.5	5079.	0.5	46.8	0.3	18.5	3.5	5079.	0.5	8.0	0.3	6.0	1.5	5079.	0.5

262

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	1.3	2.8	2.5	0.5	55.	4.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	10.8	1.8	10.5	1.5	110.	4.0	1.3	2.8	2.5	0.5	110.	4.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	67.8	1.3	28.5	3.5	331.	4.0	20.3	1.8	15.5	1.5	331.	4.0	3.5	2.3	7.0	0.5	331.	4.0
25000.	144.5	1.3	42.0	4.5	551.	4.0	49.8	1.3	24.5	2.5	551.	4.0	15.5	1.8	13.0	1.5	551.	4.0
35000.	268.1	1.3	>50.0	5.5	772.	4.0	85.5	1.3	32.0	3.5	772.	4.0	25.5	1.3	18.0	2.5	772.	4.0
50000.	365.6	1.3	>50.0	7.5	1103.	4.0	144.5	1.3	42.0	4.5	1103.	4.0	49.8	1.3	24.5	2.5	1103.	4.0
75000.	467.9	0.8	>50.0	9.5	1654.	4.0	316.9	1.3	>50.0	6.5	1654.	4.0	93.0	1.3	34.0	3.5	1654.	4.0
00000.	566.4	0.8	>50.0	11.5	2205.	4.0	365.6	1.3	>50.0	7.5	2205.	4.0	144.5	1.3	42.0	4.5	2205.	4.0

263

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.5	0.8	1.0	0.5	85.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	1.0	0.3	2.0	0.5	170.	1.0	0.5	0.8	1.0	0.5	170.	1.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	4.8	0.3	4.5	1.5	510.	1.0	1.5	0.3	3.0	0.5	510.	1.0	1.0	0.3	2.0	0.5	510.	1.0
25000.	8.0	0.3	6.0	1.5	850.	1.0	4.0	0.3	4.0	1.5	850.	1.0	1.3	0.3	2.5	0.5	850.	1.0
35000.	19.8	0.3	10.5	2.5	1189.	1.0	5.3	0.3	4.5	1.5	1189.	1.0	3.0	0.3	3.0	1.5	1189.	1.0
50000.	47.3	0.3	18.5	3.5	1699.	1.0	8.0	0.3	6.0	1.5	1699.	1.0	4.0	0.3	4.0	1.5	1699.	1.0
75000.	118.5	0.3	29.0	5.5	2549.	1.0	22.5	0.3	11.0	2.5	2549.	1.0	6.0	0.3	5.0	1.5	2549.	1.0
00000.	222.5	0.3	40.0	7.5	3398.	1.0	46.8	0.3	18.5	3.5	3398.	1.0	8.0	0.3	6.0	1.5	3398.	1.0

264

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	1.8	4.8	3.5	0.5	54.	6.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	50.0	2.3	25.0	2.5	161.	6.5	11.5	3.3	11.0	1.5	161.	6.5	0.0	0.0	0.0	0.0	0.	0.0
25000.	123.5	2.3	39.0	4.5	268.	6.5	36.8	2.8	20.5	2.5	268.	6.5	3.8	3.8	7.5	0.5	268.	6.5
35000.	265.4	1.8	>50.0	5.5	375.	6.5	66.3	2.3	28.5	3.5	375.	6.5	16.8	3.3	13.5	1.5	375.	6.5
50000.	361.9	1.8	>50.0	7.5	536.	6.5	123.0	2.3	39.0	4.5	536.	6.5	36.8	2.8	20.5	2.5	536.	6.5
75000.	458.4	1.8	>50.0	9.5	804.	6.5	265.4	1.8	>50.0	5.5	804.	6.5	77.8	2.3	30.5	3.5	804.	6.5
00000.	506.6	1.8	>50.0	10.5	1072.	6.5	361.9	1.8	>50.0	7.5	1072.	6.5	123.0	2.3	39.0	4.5	1072.	6.5

265

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 1500.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	3.8	9.3	7.5	0.5	53.	12.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
25000.	57.8	5.8	27.5	2.5	89.	12.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
35000.	133.0	5.3	41.0	4.5	125.	12.0	17.3	7.3	14.5	1.5	125.	12.0	0.0	0.0	0.0	0.0	0.	0.0
50000.	248.9	4.8	>50.0	5.5	178.	12.0	57.3	5.8	27.5	2.5	178.	12.0	0.0	0.0	0.0	0.0	0.	0.0
75000.	388.9	4.3	>50.0	8.5	267.	12.0	201.4	5.3	>50.0	4.5	267.	12.0	22.0	6.8	17.0	1.5	267.	12.0
100000.	439.4	3.8	>50.0	9.5	357.	12.0	248.9	4.8	>50.0	5.5	357.	12.0	57.3	5.8	27.5	2.5	357.	12.0

266

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 2000.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
25000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
35000.	22.8	14.3	17.5	1.5	56.	20.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
50000.	178.9	10.3	>50.0	4.5	81.	20.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
75000.	271.4	8.3	>50.0	6.5	121.	20.5	39.8	13.3	22.5	2.5	121.	20.5	0.0	0.0	0.0	0.0	0.	0.0
100000.	359.1	7.8	>50.0	8.5	161.	20.5	139.1	10.3	>50.0	3.5	161.	20.5	0.0	0.0	0.0	0.0	0.	0.0

267

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 2500.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
25000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
35000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
50000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
75000.	111.1	18.3	>50.0	3.5	65.	31.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
100000.	225.9	15.3	>50.0	6.5	87.	31.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0

268

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 3500.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0

269

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 5000.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0

270

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	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.	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.	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.3	0.3	0.5	0.5	76.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.3	0.3	0.5	0.5	113.	0.5	0.3	0.3	0.5	0.5	113.	0.5	0.0	0.0	0.0	0.0	0.	0.0
000.	0.3	0.3	0.5	0.5	151.	0.5	0.3	0.3	0.5	0.5	151.	0.5	0.0	0.0	0.0	0.0	0.	0.0
500.	0.5	0.3	1.0	0.5	378.	0.5	0.3	0.3	0.5	0.5	378.	0.5	0.3	0.3	0.5	0.5	378.	0.5
000.	0.8	0.3	1.5	0.5	755.	0.5	0.5	0.3	1.0	0.5	755.	0.5	0.3	0.3	0.5	0.5	755.	0.5
000.	3.0	0.3	3.0	1.5	2266.	0.5	1.0	0.3	2.0	0.5	2266.	0.5	0.8	0.3	1.5	0.5	2266.	0.5
000.	5.8	0.3	4.5	1.5	3777.	0.5	2.5	0.3	3.0	1.5	3777.	0.5	1.0	0.3	2.0	0.5	3777.	0.5
000.	7.3	0.3	5.5	1.5	5288.	0.5	3.8	0.3	3.5	1.5	5288.	0.5	1.3	0.3	2.5	0.5	5288.	0.5

271

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
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	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
100.	0.3	0.3	0.5	0.5	85.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	0.5	0.3	1.0	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.5
500.	1.0	0.3	2.0	0.5	423.	0.5	0.5	0.3	1.0	0.5	423.	0.5	0.3	0.3	0.5	0.5	423.	0.5
750.	1.5	0.3	3.0	0.5	634.	0.5	0.8	0.3	1.5	0.5	634.	0.5	0.5	0.3	1.0	0.5	634.	0.5
1000.	1.8	0.3	3.5	0.5	846.	0.5	1.0	0.3	2.0	0.5	846.	0.5	0.5	0.3	1.0	0.5	846.	0.5
2500.	3.3	0.3	6.5	0.5	2115.	0.5	2.0	0.3	4.0	0.5	2115.	0.5	1.3	0.3	2.5	0.5	2115.	0.5
5000.	11.8	0.3	10.5	1.5	4229.	0.5	3.3	0.3	6.5	0.5	4229.	0.5	2.0	0.3	4.0	0.5	4229.	0.5
15000.	44.8	0.3	22.5	2.5	12688.	0.5	18.0	0.3	14.0	1.5	12688.	0.5	7.8	0.3	8.5	1.5	12688.	0.5
25000.	87.5	0.3	32.0	3.5	21147.	0.5	36.5	0.3	20.0	2.5	21147.	0.5	14.5	0.3	12.0	1.5	21147.	0.5
35000.	137.8	0.3	40.5	4.5	29606.	0.5	52.0	0.3	25.0	2.5	29606.	0.5	20.3	0.3	15.5	1.5	29606.	0.5

272

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
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	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.	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.	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.3	0.3	0.5	0.5	65.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.3	0.3	0.5	0.5	97.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.3	0.3	0.5	0.5	130.	0.5	0.3	0.3	0.5	0.5	130.	0.5	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.5	0.3	1.0	0.5	324.	0.5	0.3	0.3	0.5	0.5	324.	0.5	0.3	0.3	0.5	0.5	324.	0.5
5000.	0.8	0.3	1.5	0.5	649.	0.5	0.5	0.3	1.0	0.5	649.	0.5	0.3	0.3	0.5	0.5	649.	0.5
15000.	3.0	0.3	3.0	1.5	1946.	0.5	1.0	0.3	2.0	0.5	1946.	0.5	0.8	0.3	1.5	0.5	1946.	0.5
25000.	5.8	0.3	4.5	1.5	3244.	0.5	2.5	0.3	3.0	1.5	3244.	0.5	1.0	0.3	2.0	0.5	3244.	0.5
35000.	7.3	0.3	5.5	1.5	4542.	0.5	3.8	0.3	3.5	1.5	4542.	0.5	1.3	0.3	2.5	0.5	4542.	0.5
50000.	10.8	0.3	6.5	2.5	6488.	0.5	5.8	0.3	4.5	1.5	6488.	0.5	2.5	0.3	3.0	1.5	6488.	0.5

273

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
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	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.	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.	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.8	0.3	1.5	0.5	90.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	1.3	0.3	2.5	0.5	136.	1.0	0.5	0.3	1.0	0.5	136.	1.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	1.5	0.3	3.0	0.5	181.	1.0	0.8	0.3	1.5	0.5	181.	1.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	3.0	0.3	6.0	0.5	452.	1.0	1.8	0.3	3.5	0.5	452.	1.0	1.0	0.3	2.0	0.5	452.	1.0
5000.	10.5	0.3	10.0	1.5	904.	1.0	3.0	0.3	6.0	0.5	904.	1.0	1.8	0.3	3.5	0.5	904.	1.0
15000.	43.8	0.3	22.5	2.5	2713.	1.0	16.8	0.3	13.5	1.5	2713.	1.0	5.8	0.3	8.5	1.5	2713.	1.0
25000.	86.5	0.3	32.0	3.5	4521.	1.0	35.3	0.3	19.5	2.5	4521.	1.0	14.0	0.3	12.0	1.5	4521.	1.0
35000.	136.3	0.3	40.5	4.5	6330.	1.0	51.0	0.3	25.0	2.5	6330.	1.0	19.0	0.3	15.0	1.5	6330.	1.0
50000.	273.6	0.3	>50.0	5.5	9043.	1.0	85.5	0.3	32.0	3.5	9043.	1.0	35.3	0.3	19.5	2.5	9043.	1.0

274

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.3	0.3	0.5	0.5	57.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.3	0.3	0.5	0.5	75.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.5	0.3	1.0	0.5	188.	0.5	0.3	0.3	0.5	0.5	188.	0.5	0.0	0.0	0.0	0.0	0.	0.0
5000.	0.8	0.3	1.5	0.5	377.	0.5	0.5	0.3	1.0	0.5	377.	0.5	0.3	0.3	0.5	0.5	377.	0.5
15000.	3.0	0.3	3.0	1.5	1130.	0.5	1.0	0.3	2.0	0.5	1130.	0.5	0.8	0.3	1.5	0.5	1130.	0.5
25000.	5.8	0.3	4.5	1.5	1884.	0.5	2.5	0.3	3.0	1.5	1884.	0.5	1.0	0.3	2.0	0.5	1884.	0.5
35000.	7.3	0.3	5.5	1.5	2638.	0.5	3.8	0.3	3.5	1.5	2638.	0.5	1.3	0.3	2.5	0.5	2638.	0.5
50000.	10.8	0.3	6.5	2.5	3768.	0.5	5.8	0.3	4.5	1.5	3768.	0.5	2.5	0.3	3.0	1.5	3768.	0.5

275

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	2.3	0.8	4.5	0.5	92.	2.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	6.3	0.8	8.5	1.5	184.	2.0	2.3	0.8	4.5	0.5	184.	2.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	39.0	0.8	21.0	2.5	553.	2.0	14.0	0.8	12.0	1.5	553.	2.0	3.3	0.8	6.5	0.5	553.	2.0
25000.	80.3	0.8	30.5	3.5	922.	2.0	29.5	0.8	18.0	2.5	922.	2.0	10.8	0.8	10.5	1.5	922.	2.0
35000.	128.0	0.8	39.0	4.5	1291.	2.0	46.3	0.8	23.5	2.5	1291.	2.0	16.8	0.8	13.5	1.5	1291.	2.0
50000.	270.9	0.8	>50.0	5.5	1844.	2.0	79.8	0.8	30.5	3.5	1844.	2.0	29.5	0.8	18.0	2.5	1844.	2.0

276

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.5	0.3	1.0	0.5	76.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	0.8	0.3	1.5	0.5	152.	0.5	0.5	0.3	1.0	0.5	152.	0.5	0.0	0.0	0.0	0.0	0.	0.0
15000.	3.0	0.3	3.0	1.5	457.	0.5	1.0	0.3	2.0	0.5	457.	0.5	0.8	0.3	1.5	0.5	457.	0.5
25000.	5.3	0.3	4.5	1.5	762.	0.5	2.5	0.3	3.0	1.5	762.	0.5	1.0	0.3	2.0	0.5	762.	0.5
35000.	7.3	0.3	5.5	1.5	1067.	0.5	3.8	0.3	3.5	1.5	1067.	0.5	1.3	0.3	2.5	0.5	1067.	0.5
50000.	14.8	0.3	9.5	2.5	1524.	0.5	5.3	0.3	4.5	1.5	1524.	0.5	2.5	0.3	3.0	1.5	1524.	0.5
75000.	29.3	0.3	12.5	3.5	2285.	0.5	7.3	0.3	5.5	1.5	2285.	0.5	3.8	0.3	3.5	1.5	2285.	0.5
100000.	69.8	0.3	22.5	4.5	3047.	0.5	14.3	0.3	9.5	2.5	3047.	0.5	5.3	0.3	4.5	1.5	3047.	0.5

277

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	2.5	2.3	5.0	0.5	66.	4.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	29.3	1.3	18.5	2.5	198.	4.0	7.0	1.8	9.0	1.5	198.	4.0	0.0	0.0	0.0	0.0	0.	0.0
25000.	67.8	1.3	28.5	3.5	331.	4.0	20.3	1.8	15.5	1.5	331.	4.0	3.5	2.3	7.0	0.5	331.	4.0
35000.	109.5	1.3	37.0	4.5	463.	4.0	39.0	1.3	21.0	2.5	463.	4.0	11.5	1.8	11.0	1.5	463.	4.0
50000.	268.1	1.3	>50.0	5.5	662.	4.0	66.8	1.3	28.5	3.5	662.	4.0	20.3	1.8	15.5	1.5	662.	4.0
75000.	316.9	1.3	>50.0	6.5	992.	4.0	125.0	1.3	39.0	4.5	992.	4.0	43.3	1.3	22.5	2.5	992.	4.0
100000.	418.6	0.8	>50.0	8.5	1323.	4.0	268.1	1.3	>50.0	5.5	1323.	4.0	66.8	1.3	28.5	3.5	1323.	4.0

278

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.3	0.8	0.5	0.5	51.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	0.5	0.8	1.0	0.5	102.	1.0	0.3	0.8	0.5	0.5	102.	1.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	3.0	0.3	3.0	1.5	306.	1.0	1.0	0.3	2.0	0.5	306.	1.0	0.5	0.8	1.0	0.5	306.	1.0
25000.	4.8	0.3	4.5	1.5	510.	1.0	1.5	0.3	3.0	0.5	510.	1.0	1.0	0.3	2.0	0.5	510.	1.0
35000.	6.8	0.3	5.5	1.5	714.	1.0	3.8	0.3	3.5	1.5	714.	1.0	1.3	0.3	2.5	0.5	714.	1.0
50000.	14.3	0.3	9.5	2.5	1020.	1.0	4.8	0.3	4.5	1.5	1020.	1.0	1.5	0.3	3.0	0.5	1020.	1.0
75000.	29.3	0.3	12.5	3.5	1529.	1.0	6.8	0.3	5.5	1.5	1529.	1.0	3.8	0.3	3.5	1.5	1529.	1.0
100000.	69.8	0.3	22.5	4.5	2039.	1.0	14.3	0.3	9.5	2.5	2039.	1.0	4.8	0.3	4.5	1.5	2039.	1.0

279

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	17.5	3.3	14.0	1.5	97.	6.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
25000.	50.0	2.3	25.0	2.5	161.	6.5	11.5	3.3	11.0	1.5	161.	6.5	0.0	0.0	0.0	0.0	0.	0.0
35000.	91.8	2.3	33.5	3.5	225.	6.5	22.5	2.8	17.0	1.5	225.	6.5	2.3	4.3	4.5	0.5	225.	6.5
50000.	161.5	2.3	45.0	4.5	322.	6.5	50.0	2.3	25.0	2.5	322.	6.5	11.5	3.3	11.0	1.5	322.	6.5
75000.	313.6	1.8	>50.0	6.5	483.	6.5	100.3	2.3	35.5	3.5	483.	6.5	25.8	2.8	18.5	2.5	483.	6.5
100000.	410.1	1.8	>50.0	8.5	643.	6.5	161.0	2.3	45.0	4.5	643.	6.5	50.0	2.3	25.0	2.5	643.	6.5

280

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 1500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
25000.	3.8	9.3	7.5	0.5	53.	12.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
35000.	36.3	6.3	21.5	2.5	75.	12.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
50000.	95.0	5.3	35.0	3.5	107.	12.0	3.5	9.3	7.0	0.5	107.	12.0	0.0	0.0	0.0	0.0	0.	0.0
75000.	248.9	4.8	>50.0	5.5	160.	12.0	44.8	6.3	23.5	2.5	160.	12.0	0.0	0.0	0.0	0.0	0.	0.0
100000.	297.4	4.3	>50.0	6.5	214.	12.0	94.5	5.3	35.0	3.5	214.	12.0	3.5	9.3	7.0	0.5	214.	12.0

281

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 2000.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
25000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
35000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
50000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
75000.	91.8	11.3	34.5	3.5	73.	20.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
100000.	224.1	9.3	>50.0	5.5	97.	20.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0

282

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 2500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
25000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
35000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
50000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
75000.	7.0	41.8	4.0	2.5	54.	42.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
100000.	20.3	24.8	16.5	1.5	52.	31.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0

283

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 3500.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0

284

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 5000.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0

285

MIXING HEIGHT..... INFINITE
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... STABLE-E

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
20.	1.0	0.3	2.0	0.5	294.	0.5	0.5	0.3	1.0	0.5	294.	0.5	0.3	0.3	0.5	0.5	294.	0.5
50.	2.3	0.3	4.5	0.5	734.	0.5	1.3	0.3	2.5	0.5	734.	0.5	0.8	0.3	1.5	0.5	734.	0.5
100.	3.8	0.3	7.5	0.5	1468.	0.5	2.3	0.3	4.5	0.5	1468.	0.5	1.3	0.3	2.5	0.5	1468.	0.5
250.	15.0	0.3	15.0	1.5	3670.	0.5	4.5	0.3	9.0	0.5	3670.	0.5	2.8	0.3	5.5	0.5	3670.	0.5
500.	36.3	0.3	27.5	1.5	7340.	0.5	15.0	0.3	15.0	1.5	7340.	0.5	4.5	0.3	9.0	0.5	7340.	0.5
750.	78.0	0.3	39.0	2.5	11011.	0.5	27.5	0.3	22.0	1.5	11011.	0.5	6.3	0.3	12.5	0.5	11011.	0.5
1000.	174.1	0.3	>50.0	3.5	14681.	0.5	36.3	0.3	27.5	1.5	14681.	0.5	15.0	0.3	15.0	1.5	14681.	0.5
2500.	323.4	0.3	>50.0	6.5	36702.	0.5	174.1	0.3	>50.0	3.5	36702.	0.5	59.3	0.3	33.5	2.5	36702.	0.5
5000.	422.9	0.3	>50.0	8.5	73405.	0.5	323.4	0.3	>50.0	6.5	73405.	0.5	174.1	0.3	>50.0	3.5	73405.	0.5
15000.	522.4	0.3	>50.0	10.5	220214.	0.5	472.6	0.3	>50.0	9.5	220214.	0.5	373.1	0.3	>50.0	7.5	220214.	0.5
25000.	572.1	0.3	>50.0	11.5	367023.	0.5	522.4	0.3	>50.0	10.5	367023.	0.5	422.9	0.3	>50.0	8.5	367023.	0.5
35000.	621.9	0.3	>50.0	12.5	513832.	0.5	572.1	0.3	>50.0	11.5	513832.	0.5	472.6	0.3	>50.0	9.5	513832.	0.5

286

MIXING HEIGHT..... INFINITE
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... STABLE-E

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	0.0	0.0	0.0	0.	0.0
50.	1.5	0.8	3.0	0.5	90.	1.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
100.	3.0	0.8	6.0	0.5	179.	1.5	1.5	0.8	3.0	0.5	179.	1.5	0.0	0.0	0.0	0.0	0.	0.0
250.	11.8	0.3	14.5	1.5	448.	1.5	4.0	0.3	8.0	0.5	448.	1.5	2.0	0.8	4.0	0.5	448.	1.5
500.	34.0	0.3	26.0	1.5	895.	1.5	11.3	0.3	14.5	1.5	895.	1.5	4.0	0.3	8.0	0.5	895.	1.5
750.	70.3	0.3	37.5	2.5	1343.	1.5	24.3	0.3	20.5	1.5	1343.	1.5	5.5	0.3	11.0	0.5	1343.	1.5
1000.	109.8	0.3	47.5	3.5	1790.	1.5	34.0	0.3	26.0	1.5	1790.	1.5	11.3	0.3	14.5	1.5	1790.	1.5
2500.	323.4	0.3	>50.0	6.5	4475.	1.5	174.1	0.3	>50.0	3.5	4475.	1.5	52.3	0.3	31.5	2.5	4475.	1.5
5000.	422.9	0.3	>50.0	8.5	8950.	1.5	323.4	0.3	>50.0	6.5	8950.	1.5	174.1	0.3	>50.0	3.5	8950.	1.5
15000.	522.4	0.3	>50.0	10.5	26851.	1.5	472.6	0.3	>50.0	9.5	26851.	1.5	373.1	0.3	>50.0	7.5	26851.	1.5
25000.	572.1	0.3	>50.0	11.5	44752.	1.5	522.4	0.3	>50.0	10.5	44752.	1.5	422.9	0.3	>50.0	8.5	44752.	1.5
35000.	621.9	0.3	>50.0	12.5	62653.	1.5	572.1	0.3	>50.0	11.5	62653.	1.5	472.6	0.3	>50.0	9.5	62653.	1.5
50000.	621.9	0.3	>50.0	12.5	89504.	1.5	572.1	0.3	>50.0	11.5	89504.	1.5	522.4	0.3	>50.0	10.5	89504.	1.5

287

MIXING HEIGHT..... INFINITE
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... STABLE-E

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	3.5	2.3	7.0	0.5	74.	4.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	21.0	1.8	19.0	1.5	149.	4.5	3.5	2.3	7.0	0.5	149.	4.5	0.0	0.0	0.0	0.0	0.	0.0
750.	40.0	1.8	30.0	1.5	223.	4.5	6.8	1.8	13.5	0.5	223.	4.5	1.8	3.3	3.5	0.5	223.	4.5
1000.	78.0	1.3	40.0	2.5	297.	4.5	21.0	1.8	19.0	1.5	297.	4.5	3.5	2.3	7.0	0.5	297.	4.5
2500.	268.1	1.3	>50.0	5.5	743.	4.5	170.6	1.3	>50.0	3.5	743.	4.5	30.5	1.8	24.0	1.5	743.	4.5
5000.	365.6	1.3	>50.0	7.5	1485.	4.5	268.1	1.3	>50.0	5.5	1485.	4.5	170.6	1.3	>50.0	3.5	1485.	4.5
15000.	517.1	0.8	>50.0	10.5	4456.	4.5	418.6	0.8	>50.0	8.5	4456.	4.5	316.9	1.3	>50.0	6.5	4456.	4.5
25000.	566.4	0.8	>50.0	11.5	7426.	4.5	517.1	0.8	>50.0	10.5	7426.	4.5	418.6	0.8	>50.0	8.5	7426.	4.5
35000.	615.6	0.8	>50.0	12.5	10396.	4.5	517.1	0.8	>50.0	10.5	10396.	4.5	467.9	0.8	>50.0	9.5	10396.	4.5
50000.	615.6	0.8	>50.0	12.5	14852.	4.5	566.4	0.8	>50.0	11.5	14852.	4.5	517.1	0.8	>50.0	10.5	14852.	4.5

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MIXING HEIGHT..... INFINITE
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... STABLE-E

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	7.0	4.8	14.0	0.5	72.	7.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	30.3	4.3	24.5	1.5	97.	7.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	210.4	3.3	>50.0	4.5	241.	7.5	48.5	3.8	34.0	2.5	241.	7.5	2.8	5.8	5.5	0.5	241.	7.5
5000.	354.4	2.8	>50.0	7.5	483.	7.5	210.4	3.3	>50.0	4.5	483.	7.5	48.5	3.8	34.0	2.5	483.	7.5
15000.	453.6	2.3	>50.0	9.5	1448.	7.5	405.9	2.3	>50.0	8.5	1448.	7.5	307.1	2.8	>50.0	6.5	1448.	7.5
25000.	506.6	1.8	>50.0	10.5	2414.	7.5	453.6	2.3	>50.0	9.5	2414.	7.5	358.1	2.3	>50.0	7.5	2414.	7.5
35000.	554.9	1.8	>50.0	11.5	3380.	7.5	501.4	2.3	>50.0	10.5	3380.	7.5	405.9	2.3	>50.0	8.5	3380.	7.5
50000.	603.1	1.8	>50.0	12.5	4828.	7.5	506.6	1.8	>50.0	10.5	4828.	7.5	453.6	2.3	>50.0	9.5	4828.	7.5
75000.	603.1	1.8	>50.0	12.5	7242.	7.5	554.9	1.8	>50.0	11.5	7242.	7.5	501.4	2.3	>50.0	10.5	7242.	7.5
100000.	651.4	1.8	>50.0	13.5	9656.	7.5	603.1	1.8	>50.0	12.5	9656.	7.5	506.6	1.8	>50.0	10.5	9656.	7.5

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MIXING HEIGHT..... INFINITE
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... STABLE-E

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	109.4	6.3	>50.0	2.5	85.	16.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	246.1	5.3	>50.0	5.5	171.	16.0	109.4	6.3	>50.0	2.5	171.	16.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	434.6	4.3	>50.0	9.5	512.	16.0	339.4	4.8	>50.0	7.5	512.	16.0	199.1	5.8	>50.0	4.5	512.	16.0
25000.	485.6	3.8	>50.0	10.5	854.	16.0	388.9	4.3	>50.0	8.5	854.	16.0	294.1	4.8	>50.0	6.5	854.	16.0
35000.	490.9	3.3	>50.0	10.5	1196.	16.0	439.4	3.8	>50.0	9.5	1196.	16.0	339.4	4.8	>50.0	7.5	1196.	16.0
50000.	537.6	3.3	>50.0	11.5	1708.	16.0	485.6	3.8	>50.0	10.5	1708.	16.0	388.9	4.3	>50.0	8.5	1708.	16.0
75000.	584.4	3.3	>50.0	12.5	2562.	16.0	537.6	3.3	>50.0	11.5	2562.	16.0	439.4	3.8	>50.0	9.5	2562.	16.0
100000.	590.6	2.8	>50.0	12.5	3416.	16.0	537.6	3.3	>50.0	11.5	3416.	16.0	485.6	3.8	>50.0	10.5	3416.	16.0

290

MIXING HEIGHT..... INFINITE
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 1500.0 FT
STABILITY CLASS..... STABLE-E

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	222.6	15.8	>50.0	6.5	121.	49.5	53.1	28.8	>50.0	2.5	121.	49.5	0.0	0.0	0.0	0.0	0.	0.0
25000.	286.9	11.8	>50.0	7.5	201.	49.5	177.4	17.8	>50.0	5.5	201.	49.5	0.3	47.3	0.5	0.5	200.	47.5
35000.	337.9	10.3	>50.0	8.5	281.	49.5	235.6	13.8	>50.0	6.5	281.	49.5	93.6	23.3	>50.0	3.5	281.	49.5
50000.	387.1	9.3	>50.0	9.5	402.	49.5	286.9	11.8	>50.0	7.5	402.	49.5	177.4	17.8	>50.0	5.5	402.	49.5
75000.	443.6	7.8	>50.0	10.5	603.	49.5	342.1	9.8	>50.0	8.5	603.	49.5	235.6	13.8	>50.0	6.5	603.	49.5
100000.	491.6	7.3	>50.0	11.5	804.	49.5	387.1	9.3	>50.0	9.5	804.	49.5	286.9	11.8	>50.0	7.5	804.	49.5

291

MIXING HEIGHT..... INFINITE
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 2000.0 FT
STABILITY CLASS..... STABLE-E

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
25000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
35000.	39.4	38.8	>50.0	3.5	69.	50.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
50000.	103.1	31.3	>50.0	5.5	98.	50.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
75000.	154.4	26.3	>50.0	6.5	147.	50.5	57.4	37.3	>50.0	4.5	147.	50.5	0.0	0.0	0.0	0.0	0.	0.0
100000.	200.6	23.3	>50.0	7.5	196.	50.5	103.1	31.3	>50.0	5.5	196.	50.5	0.0	0.0	0.0	0.0	0.	0.0

292

MIXING HEIGHT..... INFINITE
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 2500.0 FT
STABILITY CLASS..... STABLE-E

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0

293

MIXING HEIGHT..... INFINITE
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 3500.0 FT
STABILITY CLASS..... STABLE-E

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0

294

MIXING HEIGHT..... INFINITE
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 5000.0 FT
STABILITY CLASS..... STABLE-E

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0

295

MIXING HEIGHT..... INFINITE
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... STABLE-E

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
20.	0.5	0.3	1.0	0.5	118.	0.5	0.3	0.3	0.5	0.5	118.	0.5	0.0	0.0	0.0	0.0	0.	0.0
50.	1.0	0.3	2.0	0.5	295.	0.5	0.5	0.3	1.0	0.5	295.	0.5	0.3	0.3	0.5	0.5	295.	0.5
100.	2.0	0.3	4.0	0.5	589.	0.5	1.0	0.3	2.0	0.5	589.	0.5	0.5	0.3	1.0	0.5	589.	0.5
250.	3.8	0.3	7.5	0.5	1473.	0.5	2.3	0.3	4.5	0.5	1473.	0.5	1.3	0.3	2.5	0.5	1473.	0.5
500.	9.3	0.3	13.5	1.5	2947.	0.5	3.8	0.3	7.5	0.5	2947.	0.5	2.3	0.3	4.5	0.5	2947.	0.5
750.	22.0	0.3	19.0	1.5	4420.	0.5	5.3	0.3	10.5	0.5	4420.	0.5	3.0	0.3	6.0	0.5	4420.	0.5
1000.	30.3	0.3	23.5	1.5	5893.	0.5	9.3	0.3	13.5	1.5	5893.	0.5	3.8	0.3	7.5	0.5	5893.	0.5
2500.	174.1	0.3	>50.0	3.5	14733.	0.5	37.8	0.3	28.5	1.5	14733.	0.5	16.5	0.3	16.0	1.5	14733.	0.5
5000.	273.6	0.3	>50.0	5.5	29466.	0.5	174.1	0.3	>50.0	3.5	29466.	0.5	37.8	0.3	28.5	1.5	29466.	0.5
15000.	422.9	0.3	>50.0	8.5	88398.	0.5	323.4	0.3	>50.0	6.5	88398.	0.5	223.9	0.3	>50.0	4.5	88398.	0.5
25000.	472.6	0.3	>50.0	9.5	147330.	0.5	422.9	0.3	>50.0	8.5	147330.	0.5	323.4	0.3	>50.0	6.5	147330.	0.5
35000.	522.4	0.3	>50.0	10.5	206261.	0.5	472.6	0.3	>50.0	9.5	206261.	0.5	373.1	0.3	>50.0	7.5	206261.	0.5

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MIXING HEIGHT..... INFINITE
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... STABLE-E

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
100.	1.0	0.8	2.0	0.5	72.	1.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	3.0	0.8	6.0	0.5	179.	1.5	1.5	0.8	3.0	0.5	179.	1.5	0.0	0.0	0.0	0.0	0.	0.0
500.	6.3	0.3	12.5	0.5	358.	1.5	3.0	0.8	6.0	0.5	358.	1.5	1.5	0.8	3.0	0.5	358.	1.5
750.	18.3	0.3	17.5	1.5	537.	1.5	4.8	0.3	9.5	0.5	537.	1.5	2.3	0.8	4.5	0.5	537.	1.5
1000.	27.3	0.3	22.5	1.5	717.	1.5	6.0	0.3	12.0	0.5	717.	1.5	3.0	0.8	6.0	0.5	717.	1.5
2500.	115.5	0.3	48.0	3.5	1791.	1.5	34.5	0.3	27.0	1.5	1791.	1.5	13.0	0.3	15.0	1.5	1791.	1.5
5000.	273.6	0.3	>50.0	5.5	3583.	1.5	115.5	0.3	48.0	3.5	3583.	1.5	34.5	0.3	27.0	1.5	3583.	1.5
15000.	422.9	0.3	>50.0	8.5	10748.	1.5	323.4	0.3	>50.0	6.5	10748.	1.5	223.9	0.3	>50.0	4.5	10748.	1.5
25000.	472.6	0.3	>50.0	9.5	17913.	1.5	422.9	0.3	>50.0	8.5	17913.	1.5	323.4	0.3	>50.0	6.5	17913.	1.5
35000.	522.4	0.3	>50.0	10.5	25079.	1.5	472.6	0.3	>50.0	9.5	25079.	1.5	373.1	0.3	>50.0	7.5	25079.	1.5
50000.	572.1	0.3	>50.0	11.5	35827.	1.5	472.6	0.3	>50.0	9.5	35827.	1.5	422.9	0.3	>50.0	8.5	35827.	1.5

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MIXING HEIGHT..... INFINITE
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... STABLE-E

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	2.3	3.3	4.5	0.5	59.	4.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	5.3	2.3	10.5	0.5	89.	4.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	12.8	1.8	15.5	1.5	119.	4.5	2.3	3.3	4.5	0.5	119.	4.5	0.0	0.0	0.0	0.0	0.	0.0
2500.	80.3	1.3	40.5	2.5	297.	4.5	22.5	1.8	20.0	1.5	297.	4.5	4.0	2.3	8.0	0.5	297.	4.5
5000.	219.4	1.3	>50.0	4.5	594.	4.5	80.3	1.3	40.5	2.5	594.	4.5	22.5	1.8	20.0	1.5	594.	4.5
15000.	414.4	1.3	>50.0	8.5	1782.	4.5	316.9	1.3	>50.0	6.5	1782.	4.5	170.6	1.3	>50.0	3.5	1782.	4.5
25000.	467.9	0.8	>50.0	9.5	2970.	4.5	365.6	1.3	>50.0	7.5	2970.	4.5	268.1	1.3	>50.0	5.5	2970.	4.5
35000.	517.1	0.8	>50.0	10.5	4158.	4.5	418.6	0.8	>50.0	8.5	4158.	4.5	316.9	1.3	>50.0	6.5	4158.	4.5
50000.	517.1	0.8	>50.0	10.5	5941.	4.5	467.9	0.8	>50.0	9.5	5941.	4.5	365.6	1.3	>50.0	7.5	5941.	4.5

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MIXING HEIGHT..... INFINITE
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... STABLE-E

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	32.3	4.3	25.5	1.5	97.	7.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	163.6	3.3	>50.0	3.5	193.	7.0	32.3	4.3	25.5	1.5	193.	7.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	354.4	2.8	>50.0	7.5	579.	7.0	259.9	2.8	>50.0	5.5	579.	7.0	89.0	3.8	44.0	2.5	579.	7.0
25000.	405.9	2.3	>50.0	8.5	966.	7.0	354.4	2.8	>50.0	7.5	966.	7.0	210.4	3.3	>50.0	4.5	966.	7.0
35000.	453.6	2.3	>50.0	9.5	1352.	7.0	405.9	2.3	>50.0	8.5	1352.	7.0	259.9	2.8	>50.0	5.5	1352.	7.0
50000.	501.4	2.3	>50.0	10.5	1931.	7.0	405.9	2.3	>50.0	8.5	1931.	7.0	354.4	2.8	>50.0	7.5	1931.	7.0
75000.	554.9	1.8	>50.0	11.5	2897.	7.0	453.6	2.3	>50.0	9.5	2897.	7.0	405.9	2.3	>50.0	8.5	2897.	7.0
100000.	554.9	1.8	>50.0	11.5	3863.	7.0	501.4	2.3	>50.0	10.5	3863.	7.0	405.9	2.3	>50.0	8.5	3863.	7.0

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MIXING HEIGHT..... INFINITE
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... STABLE-E

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	45.0	7.3	35.0	1.5	69.	16.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	294.1	4.8	>50.0	6.5	207.	16.0	153.1	6.3	>50.0	3.5	207.	16.0	4.8	12.3	9.5	0.5	207.	16.0
25000.	388.9	4.3	>50.0	8.5	346.	16.0	246.1	5.3	>50.0	5.5	346.	16.0	109.4	6.3	>50.0	2.5	346.	16.0
35000.	388.9	4.3	>50.0	8.5	484.	16.0	339.4	4.8	>50.0	7.5	484.	16.0	199.1	5.8	>50.0	4.5	484.	16.0
50000.	439.4	3.8	>50.0	9.5	691.	16.0	388.9	4.3	>50.0	8.5	691.	16.0	246.1	5.3	>50.0	5.5	691.	16.0
75000.	485.6	3.8	>50.0	10.5	1037.	16.0	434.6	4.3	>50.0	9.5	1037.	16.0	339.4	4.8	>50.0	7.5	1037.	16.0
100000.	537.6	3.3	>50.0	11.5	1383.	16.0	439.4	3.8	>50.0	9.5	1383.	16.0	388.9	4.3	>50.0	8.5	1383.	16.0

300

MIXING HEIGHT..... INFINITE
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 1500.0 FT
STABILITY CLASS..... STABLE-E

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
25000.	133.9	20.3	>50.0	4.5	81.	50.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
35000.	188.4	15.8	>50.0	5.5	114.	50.5	46.9	31.3	>50.0	2.5	114.	50.5	0.0	0.0	0.0	0.0	0.	0.0
50000.	279.4	12.8	>50.0	7.5	162.	50.5	133.9	20.3	>50.0	4.5	162.	50.5	0.0	0.0	0.0	0.0	0.	0.0
75000.	333.6	10.8	>50.0	8.5	244.	50.5	225.9	15.3	>50.0	6.5	244.	50.5	55.6	27.8	>50.0	2.5	244.	50.5
100000.	382.4	9.8	>50.0	9.5	325.	50.5	275.6	13.3	>50.0	7.5	325.	50.5	133.9	20.3	>50.0	4.5	325.	50.5

301

MIXING HEIGHT..... INFINITE
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 2000.0 FT
STABILITY CLASS..... STABLE-E

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
25000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
35000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
50000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
75000.	16.9	43.3	>50.0	2.5	59.	50.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
100000.	66.4	35.3	>50.0	4.5	79.	50.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0

302

MIXING HEIGHT..... INFINITE
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 2500.0 FT
STABILITY CLASS..... STABLE-E

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0

303

MIXING HEIGHT..... INFINITE
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 3500.0 FT
STABILITY CLASS..... STABLE-E

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0

304

MIXING HEIGHT..... INFINITE
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 5000.0 FT
STABILITY CLASS..... STABLE-E

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0

305

MIXING HEIGHT..... INFINITE
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... STABLE-E

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
20.	0.3	0.3	0.5	0.5	59.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
50.	0.5	0.3	1.0	0.5	147.	0.5	0.3	0.3	0.5	0.5	147.	0.5	0.0	0.0	0.0	0.0	0.	0.0
100.	1.0	0.3	2.0	0.5	295.	0.5	0.5	0.3	1.0	0.5	295.	0.5	0.3	0.3	0.5	0.5	295.	0.5
250.	2.3	0.3	4.5	0.5	737.	0.5	1.3	0.3	2.5	0.5	737.	0.5	0.8	0.3	1.5	0.5	737.	0.5
500.	3.8	0.3	7.5	0.5	1473.	0.5	2.3	0.3	4.5	0.5	1473.	0.5	1.3	0.3	2.5	0.5	1473.	0.5
750.	5.3	0.3	10.5	0.5	2210.	0.5	3.0	0.3	6.0	0.5	2210.	0.5	1.8	0.3	3.5	0.5	2210.	0.5
1000.	9.3	0.3	13.5	1.5	2947.	0.5	3.8	0.3	7.5	0.5	2947.	0.5	2.3	0.3	4.5	0.5	2947.	0.5
2500.	37.8	0.3	28.5	1.5	7366.	0.5	16.5	0.3	16.0	1.5	7366.	0.5	4.5	0.3	9.0	0.5	7366.	0.5
5000.	174.1	0.3	>50.0	3.5	14733.	0.5	37.8	0.3	28.5	1.5	14733.	0.5	16.5	0.3	16.0	1.5	14733.	0.5
15000.	323.4	0.3	>50.0	6.5	44199.	0.5	223.9	0.3	>50.0	4.5	44199.	0.5	79.8	0.3	39.5	2.5	44199.	0.5
25000.	422.9	0.3	>50.0	8.5	73665.	0.5	323.4	0.3	>50.0	6.5	73665.	0.5	174.1	0.3	>50.0	3.5	73665.	0.5
35000.	472.6	0.3	>50.0	9.5	103131.	0.5	373.1	0.3	>50.0	7.5	103131.	0.5	223.9	0.3	>50.0	4.5	103131.	0.5

306

MIXING HEIGHT..... INFINITE
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... STABLE-E

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
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	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.	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	1.5	0.8	3.0	0.5	90.	1.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	3.0	0.8	6.0	0.5	179.	1.5	1.5	0.8	3.0	0.5	179.	1.5	0.0	0.0	0.0	0.0	0.	0.0
750.	4.8	0.3	9.5	0.5	269.	1.5	2.3	0.8	4.5	0.5	269.	1.5	1.0	0.8	2.0	0.5	269.	1.5
1000.	6.3	0.3	12.5	0.5	358.	1.5	3.0	0.8	6.0	0.5	358.	1.5	1.5	0.8	3.0	0.5	358.	1.5
2500.	35.0	0.3	27.0	1.5	896.	1.5	13.0	0.3	15.0	1.5	896.	1.5	4.0	0.3	8.0	0.5	896.	1.5
5000.	115.5	0.3	48.0	3.5	1791.	1.5	34.5	0.3	27.0	1.5	1791.	1.5	13.0	0.3	15.0	1.5	1791.	1.5
15000.	323.4	0.3	>50.0	6.5	5374.	1.5	223.9	0.3	>50.0	4.5	5374.	1.5	73.0	0.3	38.0	2.5	5374.	1.5
25000.	422.9	0.3	>50.0	8.5	8957.	1.5	323.4	0.3	>50.0	6.5	8957.	1.5	174.1	0.3	>50.0	3.5	8957.	1.5
35000.	472.6	0.3	>50.0	9.5	12539.	1.5	373.1	0.3	>50.0	7.5	12539.	1.5	223.9	0.3	>50.0	4.5	12539.	1.5
50000.	472.6	0.3	>50.0	9.5	17913.	1.5	422.9	0.3	>50.0	8.5	17913.	1.5	323.4	0.3	>50.0	6.5	17913.	1.5

307

MIXING HEIGHT..... INFINITE
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... STABLE-E

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	2.3	3.3	4.5	0.5	59.	4.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	22.5	1.8	20.0	1.5	149.	4.5	4.0	2.3	8.0	0.5	149.	4.5	0.0	0.0	0.0	0.0	0.	0.0
5000.	80.3	1.3	40.5	2.5	297.	4.5	22.5	1.8	20.0	1.5	297.	4.5	4.0	2.3	8.0	0.5	297.	4.5
15000.	316.9	1.3	>50.0	6.5	891.	4.5	170.6	1.3	>50.0	3.5	891.	4.5	40.8	1.8	30.5	1.5	891.	4.5
25000.	365.6	1.3	>50.0	7.5	1485.	4.5	268.1	1.3	>50.0	5.5	1485.	4.5	170.6	1.3	>50.0	3.5	1485.	4.5
35000.	418.6	0.8	>50.0	8.5	2079.	4.5	316.9	1.3	>50.0	6.5	2079.	4.5	219.4	1.3	>50.0	4.5	2079.	4.5
50000.	467.9	0.8	>50.0	9.5	2970.	4.5	365.6	1.3	>50.0	7.5	2970.	4.5	268.1	1.3	>50.0	5.5	2970.	4.5

308

MIXING HEIGHT..... INFINITE
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... STABLE-E

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	32.3	4.3	25.5	1.5	97.	7.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	259.9	2.8	>50.0	5.5	290.	7.0	89.0	3.8	44.0	2.5	290.	7.0	7.5	4.8	15.0	0.5	290.	7.0
25000.	354.4	2.8	>50.0	7.5	483.	7.0	210.4	3.3	>50.0	4.5	483.	7.0	57.5	3.8	35.0	2.5	483.	7.0
35000.	405.9	2.3	>50.0	8.5	676.	7.0	259.9	2.8	>50.0	5.5	676.	7.0	163.6	3.3	>50.0	3.5	676.	7.0
50000.	405.9	2.3	>50.0	8.5	966.	7.0	354.4	2.8	>50.0	7.5	966.	7.0	210.4	3.3	>50.0	4.5	966.	7.0
75000.	453.6	2.3	>50.0	9.5	1449.	7.0	405.9	2.3	>50.0	8.5	1449.	7.0	307.1	2.8	>50.0	6.5	1449.	7.0
100000.	501.4	2.3	>50.0	10.5	1931.	7.0	405.9	2.3	>50.0	8.5	1931.	7.0	354.4	2.8	>50.0	7.5	1931.	7.0

309

MIXING HEIGHT..... INFINITE
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... STABLE-E

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	153.1	6.3	>50.0	3.5	104.	16.0	4.8	12.3	9.5	0.5	104.	16.0	0.0	0.0	0.0	0.0	0.	0.0
25000.	246.1	5.3	>50.0	5.5	173.	16.0	109.4	6.3	>50.0	2.5	173.	16.0	0.0	0.0	0.0	0.0	0.	0.0
35000.	339.4	4.8	>50.0	7.5	242.	16.0	199.1	5.8	>50.0	4.5	242.	16.0	25.3	8.8	24.5	1.5	242.	16.0
50000.	388.9	4.3	>50.0	8.5	346.	16.0	246.1	5.3	>50.0	5.5	346.	16.0	109.4	6.3	>50.0	2.5	346.	16.0
75000.	434.6	4.3	>50.0	9.5	518.	16.0	339.4	4.8	>50.0	7.5	518.	16.0	199.1	5.8	>50.0	4.5	518.	16.0
100000.	439.4	3.8	>50.0	9.5	691.	16.0	388.9	4.3	>50.0	8.5	691.	16.0	246.1	5.3	>50.0	5.5	691.	16.0

310

MIXING HEIGHT..... INFINITE
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 1500.0 FT
STABILITY CLASS..... STABLE-E

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
25000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
35000.	48.1	30.8	>50.0	2.5	57.	50.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
50000.	133.9	20.3	>50.0	4.5	81.	50.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
75000.	225.9	15.3	>50.0	6.5	122.	50.5	55.6	27.8	>50.0	2.5	122.	50.5	0.0	0.0	0.0	0.0	0.	0.0
100000.	279.4	12.8	>50.0	7.5	162.	50.5	133.9	20.3	>50.0	4.5	162.	50.5	0.0	0.0	0.0	0.0	0.	0.0

311

MIXING HEIGHT..... INFINITE
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 2000.0 FT
STABILITY CLASS..... STABLE-E

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0

312

MIXING HEIGHT..... INFINITE
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 2500.0 FT
STABILITY CLASS..... STABLE-E

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0

313

MIXING HEIGHT..... INFINITE
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 3500.0 FT
STABILITY CLASS..... STABLE-E

QSO2 LB/HR	ISOPLETH LEVEL=50 MICROGR/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=100 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=200 MICROGM/CU.ME AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.

314

MIXING HEIGHT..... INFINITE
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 5000.0 FT
STABILITY CLASS..... STABLE-E

QSO2 LB/HR	ISOPLETH LEVEL=50 MICROGR/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=100 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=200 MICROGM/CU.METE AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	D
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0

315

MIXING HEIGHT..... INFINITE
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... STABLE-E

QSO2 LB/HR	ISOPLETH LEVEL=50 MICROGR/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=100 MICROGM/CU.METER AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	ISOPLETH LEVEL=200 MICROGM/CU.MET AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3
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	0.0	0.0	0.0	0.
50.	0.5	0.3	1.0	0.5	98.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.
100.	0.8	0.3	1.5	0.5	196.	0.5	0.5	0.3	1.0	0.5	196.	0.5	0.0	0.0	0.0	0.0	0.
250.	1.8	0.3	3.5	0.5	491.	0.5	1.0	0.3	2.0	0.5	491.	0.5	0.5	0.3	1.0	0.5	491.
500.	2.8	0.3	5.5	0.5	982.	0.5	1.8	0.3	3.5	0.5	982.	0.5	1.0	0.3	2.0	0.5	982.
750.	3.8	0.3	7.5	0.5	1473.	0.5	2.3	0.3	4.5	0.5	1473.	0.5	1.3	0.3	2.5	0.5	1473.
1000.	4.8	0.3	9.5	0.5	1964.	0.5	2.8	0.3	5.5	0.5	1964.	0.5	1.8	0.3	3.5	0.5	1964.
2500.	24.3	0.3	20.5	1.5	4911.	0.5	5.8	0.3	11.5	0.5	4911.	0.5	3.3	0.3	6.5	0.5	4911.
5000.	68.5	0.3	36.0	2.5	9822.	0.5	24.3	0.3	20.5	1.5	9822.	0.5	5.8	0.3	11.5	0.5	9822.
15000.	273.6	0.3	>50.0	5.5	29466.	0.5	174.1	0.3	>50.0	3.5	29466.	0.5	37.8	0.3	28.5	1.5	29466.
25000.	373.1	0.3	>50.0	7.5	49110.	0.5	223.9	0.3	>50.0	4.5	49110.	0.5	89.5	0.3	43.0	2.5	49110.
35000.	422.9	0.3	>50.0	8.5	68754.	0.5	323.4	0.3	>50.0	6.5	68754.	0.5	174.1	0.3	>50.0	3.5	68754.

316

MIXING HEIGHT..... INFINITE
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... STABLE-E

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
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	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.	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	0.8	0.8	1.5	0.5	60.	1.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	2.0	0.8	4.0	0.5	119.	1.5	0.8	0.8	1.5	0.5	119.	1.5	0.0	0.0	0.0	0.0	0.	0.0
750.	3.0	0.8	6.0	0.5	179.	1.5	1.5	0.8	3.0	0.5	179.	1.5	0.0	0.0	0.0	0.0	0.	0.0
1000.	4.3	0.3	8.5	0.5	239.	1.5	2.0	0.8	4.0	0.5	239.	1.5	0.8	0.8	1.5	0.5	239.	1.5
2500.	21.5	0.3	19.0	1.5	597.	1.5	5.3	0.3	10.5	0.5	597.	1.5	2.5	0.8	5.0	0.5	597.	1.5
5000.	62.8	0.3	34.5	2.5	1194.	1.5	21.5	0.3	19.0	1.5	1194.	1.5	5.3	0.3	10.5	0.5	1194.	1.5
15000.	273.6	0.3	>50.0	5.5	3583.	1.5	115.5	0.3	48.0	3.5	3583.	1.5	34.5	0.3	27.0	1.5	3583.	1.5
25000.	373.1	0.3	>50.0	7.5	5971.	1.5	223.9	0.3	>50.0	4.5	5971.	1.5	83.8	0.3	41.5	2.5	5971.	1.5
35000.	422.9	0.3	>50.0	8.5	8360.	1.5	273.6	0.3	>50.0	5.5	8360.	1.5	174.1	0.3	>50.0	3.5	8360.	1.5
50000.	422.9	0.3	>50.0	8.5	11942.	1.5	373.1	0.3	>50.0	7.5	11942.	1.5	223.9	0.3	>50.0	4.5	11942.	1.5

317

MIXING HEIGHT..... INFINITE
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... STABLE-E

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	C.	0.0
2500.	6.0	2.3	12.0	0.5	99.	4.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	35.0	1.8	27.0	1.5	198.	4.5	6.0	2.3	12.0	0.5	198.	4.5	0.0	0.0	0.0	0.0	0.	0.0
15000.	219.4	1.3	>50.0	4.5	594.	4.5	80.3	1.3	40.5	2.5	594.	4.5	22.5	1.8	20.0	1.5	594.	4.5
25000.	316.9	1.3	>50.0	6.5	990.	4.5	219.4	1.3	>50.0	4.5	990.	4.5	58.3	1.8	33.5	2.5	990.	4.5
35000.	365.6	1.3	>50.0	7.5	1386.	4.5	268.1	1.3	>50.0	5.5	1386.	4.5	99.0	1.3	47.0	2.5	1386.	4.5
50000.	418.6	0.8	>50.0	8.5	1980.	4.5	316.9	1.3	>50.0	6.5	1980.	4.5	219.4	1.3	>50.0	4.5	1980.	4.5

318

MIXING HEIGHT..... INFINITE
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... STABLE-E

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	5.5	5.3	11.0	0.5	64.	7.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	163.6	3.3	>50.0	3.5	193.	7.0	32.3	4.3	25.5	1.5	193.	7.0	0.0	0.0	0.0	0.0	0.	0.0
25000.	259.9	2.8	>50.0	5.5	322.	7.0	116.9	3.3	>50.0	2.5	322.	7.0	18.8	4.8	18.5	1.5	322.	7.0
35000.	307.1	2.8	>50.0	6.5	451.	7.0	210.4	3.3	>50.0	4.5	451.	7.0	43.0	3.8	32.0	1.5	451.	7.0
50000.	358.1	2.3	>50.0	7.5	644.	7.0	259.9	2.8	>50.0	5.5	644.	7.0	116.9	3.3	>50.0	2.5	644.	7.0
75000.	405.9	2.3	>50.0	8.5	966.	7.0	354.4	2.8	>50.0	7.5	966.	7.0	210.4	3.3	>50.0	4.5	966.	7.0
100000.	453.6	2.3	>50.0	9.5	1288.	7.0	358.1	2.3	>50.0	7.5	1288.	7.0	259.9	2.8	>50.0	5.5	1288.	7.0

319

MIXING HEIGHT..... INFINITE
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... STABLE-E

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DC
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	M
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	45.0	7.3	35.0	1.5	69.	16.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
25000.	199.1	5.8	>50.0	4.5	115.	16.0	12.5	9.8	20.0	1.5	115.	16.0	0.0	0.0	0.0	0.0	0.	0.0
35000.	246.1	5.3	>50.0	5.5	161.	16.0	109.4	6.3	>50.0	2.5	161.	16.0	0.0	0.0	0.0	0.0	0.	0.0
50000.	294.1	4.8	>50.0	6.5	230.	16.0	199.1	5.8	>50.0	4.5	230.	16.0	12.5	9.8	20.0	1.5	230.	16.0
75000.	388.9	4.3	>50.0	8.5	346.	16.0	246.1	5.3	>50.0	5.5	346.	16.0	109.4	6.3	>50.0	2.5	346.	16.0
100000.	388.9	4.3	>50.0	8.5	461.	16.0	294.1	4.8	>50.0	6.5	461.	16.0	199.1	5.8	>50.0	4.5	461.	16.0

320

MIXING HEIGHT..... INFINITE
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 1500.0 FT
STABILITY CLASS..... STABLE-E

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
25000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
35000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
50000.	23.6	34.3	>50.0	1.5	54.	50.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
75000.	133.9	20.3	>50.0	4.5	81.	50.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
100000.	185.6	16.3	>50.0	5.5	108.	50.5	23.6	34.3	>50.0	1.5	108.	50.5	0.0	0.0	0.0	0.0	0.	0.0

321

MIXING HEIGHT..... INFINITE
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 2000.0 FT
STABILITY CLASS..... STABLE-E

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0

322

MIXING HEIGHT..... INFINITE
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 2500.0 FT
STABILITY CLASS..... STABLE-E

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0

323

MIXING HEIGHT..... INFINITE
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 3500.0 FT
STABILITY CLASS..... STABLE-E

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0

324

MIXING HEIGHT..... INFINITE
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 5000.0 FT
STABILITY CLASS..... STABLE-E

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0

325

MIXING HEIGHT..... INFINITE
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... STABLE-E

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	0.0	0.0	0.0	0.	0.0
50.	0.3	0.3	0.5	0.5	59.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
100.	0.5	0.3	1.0	0.5	118.	0.5	0.3	0.3	0.5	0.5	118.	0.5	0.0	0.0	0.0	0.0	0.	0.0
250.	1.0	0.3	2.0	0.5	295.	0.5	0.5	0.3	1.0	0.5	295.	0.5	0.3	0.3	0.5	0.5	295.	0.5
500.	2.0	0.3	4.0	0.5	589.	0.5	1.0	0.3	2.0	0.5	589.	0.5	0.5	0.3	1.0	0.5	589.	0.5
750.	2.5	0.3	5.0	0.5	884.	0.5	1.5	0.3	3.0	0.5	884.	0.5	0.8	0.3	1.5	0.5	884.	0.5
1000.	3.3	0.3	6.5	0.5	1179.	0.5	2.0	0.3	4.0	0.5	1179.	0.5	1.0	0.3	2.0	0.5	1179.	0.5
2500.	9.3	0.3	13.5	1.5	2947.	0.5	3.8	0.3	7.5	0.5	2947.	0.5	2.3	0.3	4.5	0.5	2947.	0.5
5000.	30.3	0.3	23.5	1.5	5893.	0.5	9.3	0.3	13.5	1.5	5893.	0.5	3.8	0.3	7.5	0.5	5893.	0.5
15000.	174.1	0.3	>50.0	3.5	17680.	0.5	59.0	0.3	33.0	2.5	17680.	0.5	21.3	0.3	18.5	1.5	17680.	0.5
25000.	273.6	0.3	>50.0	5.5	29466.	0.5	174.1	0.3	>50.0	3.5	29466.	0.5	37.8	0.3	28.5	1.5	29466.	0.5
35000.	323.4	0.3	>50.0	6.5	41252.	0.5	223.9	0.3	>50.0	4.5	41252.	0.5	73.3	0.3	37.5	2.5	41252.	0.5

326

MIXING HEIGHT..... INFINITE
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... STABLE-E

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
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	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.	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.	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	1.0	0.8	2.0	0.5	72.	1.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	1.8	0.8	3.5	0.5	107.	1.5	0.5	0.8	1.0	0.5	107.	1.5	0.0	0.0	0.0	0.0	0.	0.0
1000.	2.5	0.8	5.0	0.5	143.	1.5	1.0	0.8	2.0	0.5	143.	1.5	0.0	0.0	0.0	0.0	0.	0.0
2500.	6.3	0.3	12.5	0.5	358.	1.5	3.0	0.8	6.0	0.5	358.	1.5	1.5	0.8	3.0	0.5	358.	1.5
5000.	27.3	0.3	22.5	1.5	717.	1.5	6.0	0.3	12.0	0.5	717.	1.5	3.0	0.8	6.0	0.5	717.	1.5
15000.	174.1	0.3	>50.0	3.5	2150.	1.5	52.3	0.3	31.5	2.5	2150.	1.5	18.3	0.3	17.5	1.5	2150.	1.5
25000.	273.6	0.3	>50.0	5.5	3583.	1.5	115.5	0.3	48.0	3.5	3583.	1.5	34.5	0.3	27.0	1.5	3583.	1.5
35000.	323.4	0.3	>50.0	6.5	5016.	1.5	223.9	0.3	>50.0	4.5	5016.	1.5	66.8	0.3	35.5	2.5	5016.	1.5
50000.	373.1	0.3	>50.0	7.5	7165.	1.5	273.6	0.3	>50.0	5.5	7165.	1.5	115.5	0.3	48.0	3.5	7165.	1.5

327

MIXING HEIGHT..... INFINITE
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... STABLE-E

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
100.	0.0	0.0	0.0	0.0	0.	0.0	0.0	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	2.3	3.3	4.5	0.5	59.	4.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	12.8	1.8	15.5	1.5	119.	4.5	2.3	3.3	4.5	0.5	119.	4.5	0.0	0.0	0.0	0.0	0.	0.0
15000.	170.6	1.3	>50.0	3.5	356.	4.5	30.0	1.8	24.0	1.5	356.	4.5	5.3	2.3	10.5	0.5	356.	4.5
25000.	219.4	1.3	>50.0	4.5	594.	4.5	80.3	1.3	40.5	2.5	594.	4.5	22.5	1.8	20.0	1.5	594.	4.5
35000.	268.1	1.3	>50.0	5.5	832.	4.5	170.6	1.3	>50.0	3.5	832.	4.5	37.3	1.8	28.5	1.5	832.	4.5
50000.	365.6	1.3	>50.0	7.5	1188.	4.5	219.4	1.3	>50.0	4.5	1188.	4.5	80.3	1.3	40.5	2.5	1188.	4.5

328

MIXING HEIGHT..... INFINITE
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... STABLE-E

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	45.3	3.8	33.5	1.5	116.	7.0	3.8	5.8	7.5	0.5	116.	7.0	0.0	0.0	0.0	0.0	0.	0.0
25000.	163.6	3.3	>50.0	3.5	193.	7.0	32.3	4.3	25.5	1.5	193.	7.0	0.0	0.0	0.0	0.0	0.	0.0
35000.	212.6	2.8	>50.0	4.5	270.	7.0	77.8	3.8	40.5	2.5	270.	7.0	6.3	5.3	12.5	0.5	270.	7.0
50000.	307.1	2.8	>50.0	6.5	386.	7.0	163.6	3.3	>50.0	3.5	386.	7.0	32.3	4.3	25.5	1.5	386.	7.0
75000.	354.4	2.8	>50.0	7.5	579.	7.0	259.9	2.8	>50.0	5.5	579.	7.0	89.0	3.8	44.0	2.5	579.	7.0
100000.	405.9	2.3	>50.0	8.5	773.	7.0	307.1	2.8	>50.0	6.5	773.	7.0	163.6	3.3	>50.0	3.5	773.	7.0

329

MIXING HEIGHT..... INFINITE
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... STABLE-E

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
25000.	45.0	7.3	35.0	1.5	69.	16.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
35000.	153.1	6.3	>50.0	3.5	97.	16.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
50000.	243.4	5.8	>50.0	5.5	138.	16.0	45.0	7.3	35.0	1.5	138.	16.0	0.0	0.0	0.0	0.0	0.	0.0
75000.	294.1	4.8	>50.0	6.5	207.	16.0	153.1	6.3	>50.0	3.5	207.	16.0	4.8	12.3	9.5	0.5	207.	16.0
100000.	339.4	4.8	>50.0	7.5	277.	16.0	199.1	5.8	>50.0	4.5	277.	16.0	45.0	7.3	35.0	1.5	277.	16.0

330

MIXING HEIGHT..... INFINITE
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 1500.0 FT
STABILITY CLASS..... STABLE-E

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
15000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
25000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
35000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
50000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
75000.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
100000.	86.6	25.3	>50.0	3.5	65.	50.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0

331

MIXING HEIGHT..... INFINITE
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 2000.0 FT
STABILITY CLASS..... STABLE-E

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0

332

MIXING HEIGHT..... INFINITE
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 2500.0 FT
STABILITY CLASS..... STABLE-E

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0

333

MIXING HEIGHT..... INFINITE
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 3500.0 FT
STABILITY CLASS..... STABLE-E

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0

MIXING HEIGHT..... INFINITE
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 5000.0 FT
STABILITY CLASS..... STABLE-E

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSU2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
0.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0

Table 5.2

Isopleth Area Tables 1-334
for Sulfur Dioxide
Levels of 0.02 ppm,
0.10 ppm and 0.20 ppm

1

MIXING HEIGHT..... 250.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
20.	0.3	0.3	0.5	0.5	0.02	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
50.	1.0	0.3	2.0	0.5	0.05	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
100.	2.0	0.3	4.0	0.5	0.11	0.5	0.3	0.3	0.5	0.5	0.11	0.5	0.0	0.0	0.0	0.0	0.0	0.0
250.	21.8	0.3	11.5	2.5	0.27	0.5	1.0	0.3	2.0	0.5	0.27	0.5	0.3	0.3	0.5	0.5	0.27	0.5
500.	86.0	0.3	24.0	4.5	0.53	0.5	2.0	0.3	4.0	0.5	0.53	0.5	1.0	0.3	2.0	0.5	0.53	0.5
750.	183.0	0.3	35.0	7.5	0.80	0.5	7.8	0.3	6.5	1.5	0.80	0.5	1.5	0.3	3.0	0.5	0.80	0.5
1000.	308.0	0.3	45.0	9.5	1.07	0.5	11.5	0.3	9.0	1.5	1.07	0.5	2.0	0.3	4.0	0.5	1.07	0.5
2500.	920.4	0.3	>50.0	18.5	2.67	0.5	86.0	0.3	24.0	4.5	2.67	0.5	21.8	0.3	11.5	2.5	2.67	0.5
5000.	1268.6	0.3	>50.0	25.5	5.34	0.5	308.0	0.3	45.0	9.5	5.34	0.5	86.0	0.3	24.0	4.5	5.34	0.5
15000.	1715.4	0.3	>50.0	34.5	16.01	0.5	1019.9	0.3	>50.0	20.5	16.01	0.5	621.9	0.3	>50.0	12.5	16.01	0.5
25000.	1865.6	0.3	>50.0	37.5	26.69	0.5	1268.6	0.3	>50.0	25.5	26.69	0.5	920.4	0.3	>50.0	18.5	26.69	0.5
35000.	1965.1	0.3	>50.0	39.5	37.36	0.5	1417.9	0.3	>50.0	28.5	37.36	0.5	1119.4	0.3	>50.0	22.5	37.36	0.5

2

MIXING HEIGHT..... 250.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
20.	0.8	0.3	1.5	0.5	0.07	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
50.	1.5	0.3	3.0	0.5	0.19	0.5	0.3	0.3	0.5	0.5	0.19	0.5	0.0	0.0	0.0	0.0	0.0	0.0
100.	4.5	0.3	9.0	0.5	0.37	0.5	0.8	0.3	1.5	0.5	0.37	0.5	0.3	0.3	0.5	0.5	0.37	0.5
250.	48.0	0.3	26.0	2.5	0.94	0.5	1.5	0.3	3.0	0.5	0.94	0.5	0.8	0.3	1.5	0.5	0.94	0.5
500.	223.9	0.3	>50.0	4.5	1.87	0.5	4.5	0.3	9.0	0.5	1.87	0.5	1.5	0.3	3.0	0.5	1.87	0.5
750.	373.1	0.3	>50.0	7.5	2.81	0.5	15.3	0.3	14.5	1.5	2.81	0.5	2.3	0.3	4.5	0.5	2.81	0.5
1000.	472.6	0.3	>50.0	9.5	3.75	0.5	26.0	0.3	20.0	1.5	3.75	0.5	4.5	0.3	9.0	0.5	3.75	0.5
2500.	671.6	0.3	>50.0	13.5	9.37	0.5	223.9	0.3	>50.0	4.5	9.37	0.5	48.0	0.3	26.0	2.5	9.37	0.5
5000.	771.1	0.3	>50.0	15.5	18.74	0.5	472.6	0.3	>50.0	9.5	18.74	0.5	223.9	0.3	>50.0	4.5	18.74	0.5
15000.	970.1	0.3	>50.0	19.5	56.21	0.5	721.4	0.3	>50.0	14.5	56.21	0.5	572.1	0.3	>50.0	11.5	56.21	0.5
25000.	1019.9	0.3	>50.0	20.5	93.68	0.5	771.1	0.3	>50.0	15.5	93.68	0.5	671.6	0.3	>50.0	13.5	93.68	0.5
35000.	1069.6	0.3	>50.0	21.5	131.16	0.5	820.9	0.3	>50.0	16.5	131.16	0.5	721.4	0.3	>50.0	14.5	131.16	0.5

3

MIXING HEIGHT..... 250.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
20.	0.3	0.3	0.5	0.5	0.02	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
50.	1.0	0.3	2.0	0.5	0.06	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
100.	2.0	0.3	4.0	0.5	0.11	0.5	0.3	0.3	0.5	0.5	0.11	0.5	0.0	0.0	0.0	0.0	0.0	0.0
250.	21.8	0.3	11.5	2.5	0.28	0.5	1.0	0.3	2.0	0.5	0.28	0.5	0.3	0.3	0.5	0.5	0.28	0.5
500.	86.0	0.3	24.0	4.5	0.55	0.5	2.0	0.3	4.0	0.5	0.55	0.5	1.0	0.3	2.0	0.5	0.55	0.5
750.	183.0	0.3	35.0	7.5	0.83	0.5	7.8	0.3	6.5	1.5	0.83	0.5	1.5	0.3	3.0	0.5	0.83	0.5
1000.	308.0	0.3	45.0	9.5	1.11	0.5	11.5	0.3	9.0	1.5	1.11	0.5	2.0	0.3	4.0	0.5	1.11	0.5
2500.	920.4	0.3	>50.0	18.5	2.77	0.5	86.0	0.3	24.0	4.5	2.77	0.5	21.8	0.3	11.5	2.5	2.77	0.5
5000.	1268.6	0.3	>50.0	25.5	5.55	0.5	308.0	0.3	45.0	9.5	5.55	0.5	86.0	0.3	24.0	4.5	5.55	0.5
15000.	1716.4	0.3	>50.0	34.5	16.64	0.5	1019.9	0.3	>50.0	20.5	16.64	0.5	621.9	0.3	>50.0	12.5	16.64	0.5
25000.	1865.6	0.3	>50.0	37.5	27.73	0.5	1268.6	0.3	>50.0	25.5	27.73	0.5	920.4	0.3	>50.0	18.5	27.73	0.5
35000.	1965.1	0.3	>50.0	39.5	38.83	0.5	1417.9	0.3	>50.0	28.5	38.83	0.5	1119.4	0.3	>50.0	22.5	38.83	0.5
50000.	2064.6	0.3	>50.0	41.5	55.47	0.5	1567.1	0.3	>50.0	31.5	55.47	0.5	1268.6	0.3	>50.0	25.5	55.47	0.5

4

MIXING HEIGHT..... 250.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
20.	0.8	0.3	1.5	0.5	0.03	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
50.	2.3	0.3	4.5	0.5	0.08	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
100.	4.5	0.3	9.0	0.5	0.16	0.5	0.8	0.3	1.5	0.5	0.16	0.5	0.0	0.0	0.0	0.0	0.0	0.0
250.	48.5	0.3	26.0	2.5	0.40	0.5	2.3	0.3	4.5	0.5	0.40	0.5	1.0	0.3	2.0	0.5	0.40	0.5
500.	223.9	0.3	>50.0	4.5	0.79	0.5	4.5	0.3	9.0	0.5	0.79	0.5	2.3	0.3	4.5	0.5	0.79	0.5
750.	373.1	0.3	>50.0	7.5	1.19	0.5	16.8	0.3	14.5	1.5	1.19	0.5	3.5	0.3	7.0	0.5	1.19	0.5
1000.	472.6	0.3	>50.0	9.5	1.59	0.5	26.5	0.3	20.0	1.5	1.59	0.5	4.5	0.3	9.0	0.5	1.59	0.5
2500.	671.6	0.3	>50.0	13.5	3.97	0.5	223.9	0.3	>50.0	4.5	3.97	0.5	48.5	0.3	26.0	2.5	3.97	0.5
5000.	771.1	0.3	>50.0	15.5	7.94	0.5	472.6	0.3	>50.0	9.5	7.94	0.5	223.9	0.3	>50.0	4.5	7.94	0.5
15000.	970.1	0.3	>50.0	19.5	23.81	0.5	721.4	0.3	>50.0	14.5	23.81	0.5	572.1	0.3	>50.0	11.5	23.81	0.5
25000.	1019.9	0.3	>50.0	20.5	39.69	0.5	771.1	0.3	>50.0	15.5	39.69	0.5	671.6	0.3	>50.0	13.5	39.69	0.5
35000.	1069.6	0.3	>50.0	21.5	55.56	0.5	820.9	0.3	>50.0	16.5	55.56	0.5	721.4	0.3	>50.0	14.5	55.56	0.5
50000.	1119.4	0.3	>50.0	22.5	79.37	0.5	920.4	0.3	>50.0	18.5	79.37	0.5	771.1	0.3	>50.0	15.5	79.37	0.5

5

MIXING HEIGHT..... 250.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	0.0	0.0	0.0	0.0	0.0	0.0
50.	0.3	0.3	0.5	0.5	0.02	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
100.	0.8	0.3	1.5	0.5	0.05	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
250.	2.0	0.3	4.0	0.5	0.12	0.5	0.3	0.3	0.5	0.5	0.12	0.5	0.0	0.0	0.0	0.0	0.0	0.0
500.	12.0	0.3	9.0	1.5	0.24	0.5	0.8	0.3	1.5	0.5	0.24	0.5	0.3	0.3	0.5	0.5	0.24	0.5
750.	29.5	0.3	14.0	2.5	0.36	0.5	1.0	0.3	2.0	0.5	0.36	0.5	0.5	0.3	1.0	0.5	0.36	0.5
1000.	55.8	0.3	19.5	3.5	0.48	0.5	1.5	0.3	3.0	0.5	0.48	0.5	0.8	0.3	1.5	0.5	0.48	0.5
2500.	472.6	0.3	>50.0	9.5	1.21	0.5	12.0	0.3	9.0	1.5	1.21	0.5	2.0	0.3	4.0	0.5	1.21	0.5
5000.	920.4	0.3	>50.0	18.5	2.42	0.5	55.8	0.3	19.5	3.5	2.42	0.5	12.0	0.3	9.0	1.5	2.42	0.5
15000.	1467.6	0.3	>50.0	29.5	7.27	0.5	572.1	0.3	>50.0	11.5	7.27	0.5	133.3	0.3	30.5	5.5	7.27	0.5
25000.	1616.9	0.3	>50.0	32.5	12.12	0.5	920.4	0.3	>50.0	18.5	12.12	0.5	472.6	0.3	>50.0	9.5	12.12	0.5
35000.	1766.1	0.3	>50.0	35.5	16.97	0.5	1119.4	0.3	>50.0	22.5	16.97	0.5	671.6	0.3	>50.0	13.5	16.97	0.5

6

MIXING HEIGHT..... 250.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
20.	0.3	0.3	0.5	0.5	0.03	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
50.	0.8	0.3	1.5	0.5	0.07	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
100.	1.8	0.3	3.5	0.5	0.15	0.5	0.3	0.3	0.5	0.5	0.15	0.5	0.0	0.0	0.0	0.0	0.0	0.0
250.	5.0	0.3	10.0	0.5	0.37	0.5	0.8	0.3	1.5	0.5	0.37	0.5	0.3	0.3	0.5	0.5	0.37	0.5
500.	27.0	0.3	21.0	1.5	0.75	0.5	1.8	0.3	3.5	0.5	0.75	0.5	0.8	0.3	1.5	0.5	0.75	0.5
750.	67.3	0.3	32.5	2.5	1.12	0.5	2.8	0.3	5.5	0.5	1.12	0.5	1.0	0.3	2.0	0.5	1.12	0.5
1000.	125.8	0.3	44.5	3.5	1.49	0.5	3.8	0.3	7.5	0.5	1.49	0.5	1.8	0.3	3.5	0.5	1.49	0.5
2500.	472.6	0.3	>50.0	9.5	3.73	0.5	27.0	0.3	21.0	1.5	3.73	0.5	5.0	0.3	10.0	0.5	3.73	0.5
5000.	621.9	0.3	>50.0	12.5	7.46	0.5	125.8	0.3	44.5	3.5	7.46	0.5	27.0	0.3	21.0	1.5	7.46	0.5
15000.	820.9	0.3	>50.0	16.5	22.39	0.5	522.4	0.3	>50.0	10.5	22.39	0.5	273.6	0.3	>50.0	5.5	22.39	0.5
25000.	870.6	0.3	>50.0	17.5	37.32	0.5	621.9	0.3	>50.0	12.5	37.32	0.5	472.6	0.3	>50.0	9.5	37.32	0.5
35000.	920.4	0.3	>50.0	18.5	52.25	0.5	671.6	0.3	>50.0	13.5	52.25	0.5	522.4	0.3	>50.0	10.5	52.25	0.5

7

MIXING HEIGHT..... 250.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	0.0	0.0	0.0	0.0	0.0	0.0
50.	0.3	0.3	0.5	0.5	0.02	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
100.	0.8	0.3	1.5	0.5	0.05	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
250.	2.0	0.3	4.0	0.5	0.12	0.5	0.3	0.3	0.5	0.5	0.12	0.5	0.0	0.0	0.0	0.0	0.0	0.0
500.	12.0	0.3	9.0	1.5	0.24	0.5	0.8	0.3	1.5	0.5	0.24	0.5	0.3	0.3	0.5	0.5	0.24	0.5
750.	29.5	0.3	14.0	2.5	0.36	0.5	1.0	0.3	2.0	0.5	0.36	0.5	0.5	0.3	1.0	0.5	0.36	0.5
1000.	55.8	0.3	19.5	3.5	0.48	0.5	1.5	0.3	3.0	0.5	0.48	0.5	0.8	0.3	1.5	0.5	0.48	0.5
2500.	472.6	0.3	>50.0	9.5	1.21	0.5	12.0	0.3	9.0	1.5	1.21	0.5	2.0	0.3	4.0	0.5	1.21	0.5
5000.	920.4	0.3	>50.0	18.5	2.41	0.5	55.8	0.3	19.5	3.5	2.41	0.5	12.0	0.3	9.0	1.5	2.41	0.5
15000.	1467.6	0.3	>50.0	29.5	7.23	0.5	572.1	0.3	>50.0	11.5	7.23	0.5	133.3	0.3	30.5	5.5	7.23	0.5
25000.	1616.9	0.3	>50.0	32.5	12.05	0.5	920.4	0.3	>50.0	18.5	12.05	0.5	472.6	0.3	>50.0	9.5	12.05	0.5
35000.	1766.1	0.3	>50.0	35.5	16.87	0.5	1119.4	0.3	>50.0	22.5	16.87	0.5	671.6	0.3	>50.0	13.5	16.87	0.5
50000.	1865.6	0.3	>50.0	37.5	24.10	0.5	1268.6	0.3	>50.0	25.5	24.10	0.5	920.4	0.3	>50.0	18.5	24.10	0.5

8

MIXING HEIGHT..... 250.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	0.0	0.0	0.0	0.0	0.0	0.0
50.	0.8	0.3	1.5	0.5	0.03	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.	1.5	0.3	3.0	0.5	0.06	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	5.0	0.3	10.0	0.5	0.16	1.0	0.8	0.3	1.5	0.5	0.16	1.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	27.0	0.3	21.0	1.5	0.32	1.0	1.5	0.3	3.0	0.5	0.32	1.0	0.8	0.3	1.5	0.5	0.32	1.0
750.	67.3	0.3	32.5	2.5	0.48	1.0	2.8	0.3	5.5	0.5	0.48	1.0	1.0	0.3	2.0	0.5	0.48	1.0
1000.	125.8	0.3	44.5	3.5	0.64	1.0	3.8	0.3	7.5	0.5	0.64	1.0	1.5	0.3	3.0	0.5	0.64	1.0
2500.	472.6	0.3	>50.0	9.5	1.59	1.0	27.0	0.3	21.0	1.5	1.59	1.0	5.0	0.3	10.0	0.5	1.59	1.0
5000.	621.9	0.3	>50.0	12.5	3.18	1.0	125.8	0.3	44.5	3.5	3.18	1.0	27.0	0.3	21.0	1.5	3.18	1.0
15000.	820.9	0.3	>50.0	16.5	9.53	1.0	522.4	0.3	>50.0	10.5	9.53	1.0	273.6	0.3	>50.0	5.5	9.53	1.0
25000.	870.6	0.3	>50.0	17.5	15.88	1.0	621.9	0.3	>50.0	12.5	15.88	1.0	472.6	0.3	>50.0	9.5	15.88	1.0
35000.	920.4	0.3	>50.0	18.5	22.23	1.0	671.6	0.3	>50.0	13.5	22.23	1.0	522.4	0.3	>50.0	10.5	22.23	1.0
50000.	970.1	0.3	>50.0	19.5	31.75	1.0	771.1	0.3	>50.0	15.5	31.75	1.0	621.9	0.3	>50.0	12.5	31.75	1.0

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MIXING HEIGHT..... 250.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.	0.3	0.3	0.5	0.5	0.02	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
250.	1.0	0.3	2.0	0.5	0.06	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
500.	2.0	0.3	4.0	0.5	0.12	0.5	0.3	0.3	0.5	0.5	0.12	0.5	0.0	0.0	0.0	0.0	0.0	0.0
750.	7.8	0.3	6.5	1.5	0.18	0.5	0.5	0.3	1.0	0.5	0.18	0.5	0.0	0.0	0.0	0.0	0.0	0.0
1000.	12.0	0.3	9.0	1.5	0.24	0.5	0.8	0.3	1.5	0.5	0.24	0.5	0.3	0.3	0.5	0.5	0.24	0.5
2500.	90.5	0.3	25.0	4.5	0.61	0.5	2.0	0.3	4.0	0.5	0.61	0.5	1.0	0.3	2.0	0.5	0.61	0.5
5000.	472.6	0.3	>50.0	9.5	1.21	0.5	12.0	0.3	9.0	1.5	1.21	0.5	2.0	0.3	4.0	0.5	1.21	0.5
15000.	1119.4	0.3	>50.0	22.5	3.64	0.5	133.3	0.3	30.5	5.5	3.64	0.5	29.5	0.3	14.0	2.5	3.64	0.5
25000.	1368.1	0.3	>50.0	27.5	6.06	0.5	472.6	0.3	>50.0	9.5	6.06	0.5	90.5	0.3	25.0	4.5	6.06	0.5
35000.	1517.4	0.3	>50.0	30.5	8.48	0.5	671.6	0.3	>50.0	13.5	8.48	0.5	185.3	0.3	36.5	6.5	8.48	0.5

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MIXING HEIGHT..... 250.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	0.0	0.0	0.0	0.0	0.0	0.0
50.	0.3	0.3	0.5	0.5	0.04	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
100.	0.8	0.3	1.5	0.5	0.07	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
250.	2.0	0.3	4.0	0.5	0.19	0.5	0.3	0.3	0.5	0.5	0.19	0.5	0.0	0.0	0.0	0.0	0.0	0.0
500.	5.0	0.3	10.0	0.5	0.37	0.5	0.8	0.3	1.5	0.5	0.37	0.5	0.3	0.3	0.5	0.5	0.37	0.5
750.	17.8	0.3	15.5	1.5	0.56	0.5	1.0	0.3	2.0	0.5	0.56	0.5	0.5	0.3	1.0	0.5	0.56	0.5
1000.	27.0	0.3	21.0	1.5	0.75	0.5	1.8	0.3	3.5	0.5	0.75	0.5	0.8	0.3	1.5	0.5	0.75	0.5
2500.	223.9	0.3	>50.0	4.5	1.87	0.5	5.0	0.3	10.0	0.5	1.87	0.5	2.0	0.3	4.0	0.5	1.87	0.5
5000.	472.6	0.3	>50.0	9.5	3.73	0.5	27.0	0.3	21.0	1.5	3.73	0.5	5.0	0.3	10.0	0.5	3.73	0.5
15000.	721.4	0.3	>50.0	14.5	11.20	0.5	273.6	0.3	>50.0	5.5	11.20	0.5	67.3	0.3	32.5	2.5	11.20	0.5
25000.	771.1	0.3	>50.0	15.5	18.66	0.5	472.6	0.3	>50.0	9.5	18.66	0.5	223.9	0.3	>50.0	4.5	18.66	0.5
35000.	820.9	0.3	>50.0	16.5	26.13	0.5	522.4	0.3	>50.0	10.5	26.13	0.5	323.4	0.3	>50.0	6.5	26.13	0.5

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MIXING HEIGHT..... 250.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.	0.3	0.3	0.5	0.5	0.02	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
250.	1.0	0.3	2.0	0.5	0.06	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
500.	2.0	0.3	4.0	0.5	0.12	0.5	0.3	0.3	0.5	0.5	0.12	0.5	0.0	0.0	0.0	0.0	0.0	0.0
750.	7.8	0.3	6.5	1.5	0.18	0.5	0.5	0.3	1.0	0.5	0.18	0.5	0.0	0.0	0.0	0.0	0.0	0.0
1000.	12.0	0.3	9.0	1.5	0.24	0.5	0.8	0.3	1.5	0.5	0.24	0.5	0.3	0.3	0.5	0.5	0.24	0.5
2500.	90.5	0.3	25.0	4.5	0.60	0.5	2.0	0.3	4.0	0.5	0.60	0.5	1.0	0.3	2.0	0.5	0.60	0.5
5000.	472.6	0.3	>50.0	9.5	1.21	0.5	12.0	0.3	9.0	1.5	1.21	0.5	2.0	0.3	4.0	0.5	1.21	0.5
15000.	1119.4	0.3	>50.0	22.5	3.62	0.5	133.3	0.3	30.5	5.5	3.62	0.5	29.5	0.3	14.0	2.5	3.62	0.5
25000.	1368.1	0.3	>50.0	27.5	6.03	0.5	472.6	0.3	>50.0	9.5	6.03	0.5	90.5	0.3	25.0	4.5	6.03	0.5
35000.	1517.4	0.3	>50.0	30.5	8.44	0.5	671.6	0.3	>50.0	13.5	8.44	0.5	185.3	0.3	36.5	6.5	8.44	0.5
50000.	1616.9	0.3	>50.0	32.5	12.05	0.5	920.4	0.3	>50.0	18.5	12.05	0.5	472.6	0.3	>50.0	9.5	12.05	0.5

12

MIXING HEIGHT..... 250.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.	0.8	0.3	1.5	0.5	0.03	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	2.3	0.3	4.5	0.5	0.08	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	5.0	0.3	10.0	0.5	0.16	1.0	0.8	0.3	1.5	0.5	0.16	1.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	17.8	0.3	15.5	1.5	0.24	1.0	1.0	0.3	2.0	0.5	0.24	1.0	0.3	0.8	0.5	0.5	0.24	1.0
1000.	27.0	0.3	21.0	1.5	0.32	1.0	1.5	0.3	3.0	0.5	0.32	1.0	0.8	0.3	1.5	0.5	0.32	1.0
2500.	223.9	0.3	>50.0	4.5	0.79	1.0	5.0	0.3	10.0	0.5	0.79	1.0	2.3	0.3	4.5	0.5	0.79	1.0
5000.	472.6	0.3	>50.0	9.5	1.59	1.0	27.0	0.3	21.0	1.5	1.59	1.0	5.0	0.3	10.0	0.5	1.59	1.0
15000.	721.4	0.3	>50.0	14.5	4.76	1.0	273.6	0.3	>50.0	5.5	4.76	1.0	67.3	0.3	32.5	2.5	4.76	1.0
25000.	771.1	0.3	>50.0	15.5	7.94	1.0	472.6	0.3	>50.0	9.5	7.94	1.0	223.9	0.3	>50.0	4.5	7.94	1.0
35000.	820.9	0.3	>50.0	16.5	11.11	1.0	522.4	0.3	>50.0	10.5	11.11	1.0	323.4	0.3	>50.0	6.5	11.11	1.0
50000.	870.6	0.3	>50.0	17.5	15.88	1.0	621.9	0.3	>50.0	12.5	15.88	1.0	472.6	0.3	>50.0	9.5	15.88	1.0

13

MIXING HEIGHT..... 500.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	0.0	0.0	0.0	0.0	0.0	0.0
50.	0.3	0.3	0.5	0.5	0.04	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
100.	0.5	0.3	1.0	0.5	0.07	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
250.	5.0	0.3	5.0	1.5	0.18	0.5	0.3	0.3	0.5	0.5	0.18	0.5	0.0	0.0	0.0	0.0	0.0	0.0
500.	21.3	0.3	11.5	2.5	0.37	0.5	0.5	0.3	1.0	0.5	0.37	0.5	0.3	0.3	0.5	0.5	0.37	0.5
750.	47.5	0.3	18.0	3.5	0.55	0.5	1.5	0.3	3.0	0.5	0.55	0.5	0.5	0.3	1.0	0.5	0.55	0.5
1000.	86.0	0.3	24.0	4.5	0.73	0.5	2.0	0.3	4.0	0.5	0.73	0.5	0.5	0.3	1.0	0.5	0.73	0.5
2500.	572.1	0.3	>50.0	11.5	1.83	0.5	21.3	0.3	11.5	2.5	1.83	0.5	5.0	0.3	5.0	1.5	1.83	0.5
5000.	920.4	0.3	>50.0	18.5	3.67	0.5	86.0	0.3	24.0	4.5	3.67	0.5	21.3	0.3	11.5	2.5	3.67	0.5
15000.	1417.9	0.3	>50.0	28.5	11.00	0.5	621.9	0.3	>50.0	12.5	11.00	0.5	183.0	0.3	35.0	7.5	11.00	0.5
25000.	1616.9	0.3	>50.0	32.5	18.34	0.5	920.4	0.3	>50.0	18.5	18.34	0.5	572.1	0.3	>50.0	11.5	18.34	0.5
35000.	1766.1	0.3	>50.0	35.5	25.67	0.5	1119.4	0.3	>50.0	22.5	25.67	0.5	721.4	0.3	>50.0	14.5	25.67	0.5

14

MIXING HEIGHT..... 500.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
20.	0.5	0.3	1.0	0.5	0.07	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
50.	1.3	0.3	2.5	0.5	0.18	0.5	0.3	0.3	0.5	0.5	0.18	0.5	0.0	0.0	0.0	0.0	0.0	0.0
100.	2.0	0.3	4.0	0.5	0.37	0.5	0.5	0.3	1.0	0.5	0.37	0.5	0.3	0.3	0.5	0.5	0.37	0.5
250.	7.0	0.3	9.0	1.5	0.92	0.5	1.3	0.3	2.5	0.5	0.92	0.5	0.8	0.3	1.5	0.5	0.92	0.5
500.	19.8	0.3	15.5	1.5	1.85	0.5	2.0	0.3	4.0	0.5	1.85	0.5	1.3	0.3	2.5	0.5	1.85	0.5
750.	105.8	0.3	40.5	3.5	2.77	0.5	3.0	0.3	6.0	0.5	2.77	0.5	1.5	0.3	3.0	0.5	2.77	0.5
1000.	223.9	0.3	>50.0	4.5	3.69	0.5	3.8	0.3	7.5	0.5	3.69	0.5	2.0	0.3	4.0	0.5	3.69	0.5
2500.	522.4	0.3	>50.0	10.5	9.23	0.5	19.8	0.3	15.5	1.5	9.23	0.5	7.0	0.3	9.0	1.5	9.23	0.5
5000.	671.6	0.3	>50.0	13.5	18.47	0.5	223.9	0.3	>50.0	4.5	18.47	0.5	19.8	0.3	15.5	1.5	18.47	0.5
15000.	870.6	0.3	>50.0	17.5	55.40	0.5	572.1	0.3	>50.0	11.5	55.40	0.5	373.1	0.3	>50.0	7.5	55.40	0.5
25000.	920.4	0.3	>50.0	18.5	92.33	0.5	671.6	0.3	>50.0	13.5	92.33	0.5	522.4	0.3	>50.0	10.5	92.33	0.5
35000.	970.1	0.3	>50.0	19.5	129.26	0.5	721.4	0.3	>50.0	14.5	129.26	0.5	572.1	0.3	>50.0	11.5	129.26	0.5

15

MIXING HEIGHT..... 500.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	0.0	0.0	0.0	0.0	0.0	0.0
50.	0.3	0.3	0.5	0.5	0.03	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
100.	0.5	0.3	1.0	0.5	0.07	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
250.	5.0	0.3	5.0	1.5	0.17	0.5	0.3	0.3	0.5	0.5	0.17	0.5	0.0	0.0	0.0	0.0	0.0	0.0
500.	21.3	0.3	11.5	2.5	0.34	0.5	0.5	0.3	1.0	0.5	0.34	0.5	0.3	0.3	0.5	0.5	0.34	0.5
750.	47.5	0.3	18.0	3.5	0.52	0.5	1.5	0.3	3.0	0.5	0.52	0.5	0.5	0.3	1.0	0.5	0.52	0.5
1000.	86.0	0.3	24.0	4.5	0.69	0.5	2.0	0.3	4.0	0.5	0.69	0.5	0.5	0.3	1.0	0.5	0.69	0.5
2500.	572.1	0.3	>50.0	11.5	1.72	0.5	21.3	0.3	11.5	2.5	1.72	0.5	5.0	0.3	5.0	1.5	1.72	0.5
5000.	920.4	0.3	>50.0	18.5	3.44	0.5	86.0	0.3	24.0	4.5	3.44	0.5	21.3	0.3	11.5	2.5	3.44	0.5
15000.	1417.9	0.3	>50.0	28.5	10.31	0.5	621.9	0.3	>50.0	12.5	10.31	0.5	183.0	0.3	35.0	7.5	10.31	0.5
25000.	1616.9	0.3	>50.0	32.5	17.19	0.5	920.4	0.3	>50.0	18.5	17.19	0.5	572.1	0.3	>50.0	11.5	17.19	0.5
35000.	1766.1	0.3	>50.0	35.5	24.06	0.5	1119.4	0.3	>50.0	22.5	24.06	0.5	721.4	0.3	>50.0	14.5	24.06	0.5
50000.	1865.6	0.3	>50.0	37.5	34.37	0.5	1268.6	0.3	>50.0	25.5	34.37	0.5	920.4	0.3	>50.0	18.5	34.37	0.5

16

MIXING HEIGHT..... 500.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	0.0	0.0	0.0	0.0	0.0	0.0
50.	1.0	0.3	2.0	0.5	0.04	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
100.	2.3	0.3	4.5	0.5	0.08	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
250.	7.5	0.3	9.0	1.5	0.20	0.5	1.0	0.3	2.0	0.5	0.20	0.5	0.0	0.0	0.0	0.0	0.0	0.0
500.	42.0	0.3	26.0	2.5	0.40	0.5	2.3	0.3	4.5	0.5	0.40	0.5	1.0	0.3	2.0	0.5	0.40	0.5
750.	108.3	0.3	40.5	3.5	0.60	0.5	3.0	0.3	6.0	0.5	0.60	0.5	1.5	0.3	3.0	0.5	0.60	0.5
1000.	223.9	0.3	>50.0	4.5	0.79	0.5	4.0	0.3	8.0	0.5	0.79	0.5	2.3	0.3	4.5	0.5	0.79	0.5
2500.	522.4	0.3	>50.0	10.5	1.98	0.5	42.0	0.3	26.0	2.5	1.98	0.5	7.5	0.3	9.0	1.5	1.98	0.5
5000.	671.6	0.3	>50.0	13.5	3.97	0.5	223.9	0.3	>50.0	4.5	3.97	0.5	42.0	0.3	26.0	2.5	3.97	0.5
15000.	870.6	0.3	>50.0	17.5	11.91	0.5	572.1	0.3	>50.0	11.5	11.91	0.5	373.1	0.3	>50.0	7.5	11.91	0.5
25000.	920.4	0.3	>50.0	18.5	19.84	0.5	671.6	0.3	>50.0	13.5	19.84	0.5	522.4	0.3	>50.0	10.5	19.84	0.5
35000.	970.1	0.3	>50.0	19.5	27.78	0.5	721.4	0.3	>50.0	14.5	27.78	0.5	572.1	0.3	>50.0	11.5	27.78	0.5
50000.	1019.9	0.3	>50.0	20.5	39.69	0.5	771.1	0.3	>50.0	15.5	39.69	0.5	671.6	0.3	>50.0	13.5	39.69	0.5

17

MIXING HEIGHT..... 500.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
100.	1.0	0.3	2.0	0.5	0.06	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
250.	5.0	0.3	5.0	1.5	0.16	0.5	0.3	0.3	0.5	0.5	0.16	0.5	0.0	0.0	0.0	0.0	0.0	0.0
500.	21.8	0.3	11.5	2.5	0.31	0.5	1.0	0.3	2.0	0.5	0.31	0.5	0.3	0.3	0.5	0.5	0.31	0.5
750.	47.5	0.3	18.0	3.5	0.47	0.5	1.5	0.3	3.0	0.5	0.47	0.5	0.5	0.3	1.0	0.5	0.47	0.5
1000.	86.0	0.3	24.0	4.5	0.62	0.5	2.0	0.3	4.0	0.5	0.62	0.5	1.0	0.3	2.0	0.5	0.62	0.5
2500.	572.1	0.3	>50.0	11.5	1.56	0.5	21.8	0.3	11.5	2.5	1.56	0.5	5.0	0.3	5.0	1.5	1.56	0.5
5000.	920.4	0.3	>50.0	18.5	3.11	0.5	86.0	0.3	24.0	4.5	3.11	0.5	21.8	0.3	11.5	2.5	3.11	0.5
15000.	1417.9	0.3	>50.0	28.5	9.33	0.5	621.9	0.3	>50.0	12.5	9.33	0.5	183.0	0.3	35.0	7.5	9.33	0.5
25000.	1616.9	0.3	>50.0	32.5	15.56	0.5	920.4	0.3	>50.0	18.5	15.56	0.5	572.1	0.3	>50.0	11.5	15.56	0.5
35000.	1766.1	0.3	>50.0	35.5	21.78	0.5	1119.4	0.3	>50.0	22.5	21.78	0.5	721.4	0.3	>50.0	14.5	21.78	0.5
50000.	1865.6	0.3	>50.0	37.5	31.11	0.5	1268.6	0.3	>50.0	25.5	31.11	0.5	920.4	0.3	>50.0	18.5	31.11	0.5

18

MIXING HEIGHT..... 500.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
100.	1.8	1.3	3.5	0.5	0.03	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	7.8	0.8	8.5	1.5	0.08	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	45.3	0.8	25.5	2.5	0.16	2.0	1.8	1.3	3.5	0.5	0.16	2.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	109.5	0.8	40.0	3.5	0.24	2.0	3.0	0.8	6.0	0.5	0.24	2.0	1.0	1.3	2.0	0.5	0.24	2.0
1000.	221.6	0.8	>50.0	4.5	0.32	2.0	3.8	0.8	7.5	0.5	0.32	2.0	1.8	1.3	3.5	0.5	0.32	2.0
2500.	522.4	0.3	>50.0	10.5	0.81	2.0	45.3	0.8	25.5	2.5	0.81	2.0	7.8	0.8	8.5	1.5	0.81	2.0
5000.	671.6	0.3	>50.0	13.5	1.62	2.0	221.6	0.8	>50.0	4.5	1.62	2.0	45.3	0.8	25.5	2.5	1.62	2.0
15000.	870.6	0.3	>50.0	17.5	4.85	2.0	572.1	0.3	>50.0	11.5	4.85	2.0	369.4	0.8	>50.0	7.5	4.85	2.0
25000.	920.4	0.3	>50.0	18.5	8.08	2.0	671.6	0.3	>50.0	13.5	8.08	2.0	522.4	0.3	>50.0	10.5	8.08	2.0
35000.	970.1	0.3	>50.0	19.5	11.31	2.0	721.4	0.3	>50.0	14.5	11.31	2.0	572.1	0.3	>50.0	11.5	11.31	2.0
50000.	1019.9	0.3	>50.0	20.5	16.15	2.0	771.1	0.3	>50.0	15.5	16.15	2.0	671.6	0.3	>50.0	13.5	16.15	2.0

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MIXING HEIGHT..... 500.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	0.3	0.5	0.5	0.03	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
1.0	0.3	2.0	0.5	0.07	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
2.0	0.3	4.0	0.5	0.14	0.5	0.3	0.3	0.5	0.5	0.14	0.5	0.0	0.0	0.0	0.0	0.0	0.0
7.3	0.3	6.5	1.5	0.21	0.5	0.5	0.3	1.0	0.5	0.21	0.5	0.3	0.3	0.5	0.5	0.21	0.5
12.0	0.3	9.0	1.5	0.28	0.5	0.5	0.3	1.0	0.5	0.28	0.5	0.3	0.3	0.5	0.5	0.28	0.5
90.5	0.3	25.0	4.5	0.70	0.5	2.0	0.3	4.0	0.5	0.70	0.5	1.0	0.3	2.0	0.5	0.70	0.5
472.6	0.3	>50.0	9.5	1.39	0.5	12.0	0.3	9.0	1.5	1.39	0.5	2.0	0.3	4.0	0.5	1.39	0.5
1119.4	0.3	>50.0	22.5	4.17	0.5	133.3	0.3	30.5	5.5	4.17	0.5	29.5	0.3	14.0	2.5	4.17	0.5
1368.1	0.3	>50.0	27.5	6.95	0.5	472.6	0.3	>50.0	9.5	6.95	0.5	90.5	0.3	25.0	4.5	6.95	0.5
1517.4	0.3	>50.0	30.5	9.73	0.5	671.6	0.3	>50.0	13.5	9.73	0.5	185.3	0.3	36.5	6.5	9.73	0.5

20

MIXING HEIGHT..... 500.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
0.3	0.3	0.5	0.5	0.03	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
0.5	0.3	1.0	0.5	0.07	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
1.0	0.3	2.0	0.5	0.15	0.5	0.3	0.3	0.5	0.5	0.15	0.5	0.0	0.0	0.0	0.0	0.0	0.0
2.0	0.3	4.0	0.5	0.37	0.5	0.5	0.3	1.0	0.5	0.37	0.5	0.3	0.3	0.5	0.5	0.37	0.5
4.8	0.3	9.5	0.5	0.74	0.5	1.0	0.3	2.0	0.5	0.74	0.5	0.5	0.3	1.0	0.5	0.74	0.5
16.0	0.3	14.0	1.5	1.11	0.5	1.3	0.3	2.5	0.5	1.11	0.5	0.8	0.3	1.5	0.5	1.11	0.5
27.0	0.3	21.0	1.5	1.48	0.5	1.5	0.3	3.0	0.5	1.48	0.5	1.0	0.3	2.0	0.5	1.48	0.5
223.9	0.3	>50.0	4.5	3.71	0.5	4.8	0.3	9.5	0.5	3.71	0.5	2.0	0.3	4.0	0.5	3.71	0.5
472.6	0.3	>50.0	9.5	7.42	0.5	27.0	0.3	21.0	1.5	7.42	0.5	4.8	0.3	9.5	0.5	7.42	0.5
721.4	0.3	>50.0	14.5	22.26	0.5	273.6	0.3	>50.0	5.5	22.26	0.5	67.3	0.3	32.5	2.5	22.26	0.5
771.1	0.3	>50.0	15.5	37.10	0.5	472.6	0.3	>50.0	9.5	37.10	0.5	223.9	0.3	>50.0	4.5	37.10	0.5
820.9	0.3	>50.0	16.5	51.94	0.5	522.4	0.3	>50.0	10.5	51.94	0.5	323.4	0.3	>50.0	6.5	51.94	0.5

21

MIXING HEIGHT..... 500.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	0.3	0.5	0.5	0.03	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
1.0	0.3	2.0	0.5	0.06	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
2.0	0.3	4.0	0.5	0.13	0.5	0.3	0.3	0.5	0.5	0.13	0.5	0.0	0.0	0.0	0.0	0.0	0.0
7.3	0.3	6.5	1.5	0.19	0.5	0.3	0.3	0.5	0.5	0.19	0.5	0.0	0.0	0.0	0.0	0.0	0.0
12.0	0.3	9.0	1.5	0.25	0.5	0.5	0.3	1.0	0.5	0.25	0.5	0.3	0.3	0.5	0.5	0.25	0.5
90.0	0.3	25.0	4.5	0.64	0.5	2.0	0.3	4.0	0.5	0.64	0.5	1.0	0.3	2.0	0.5	0.64	0.5
472.6	0.3	>50.0	9.5	1.27	0.5	12.0	0.3	9.0	1.5	1.27	0.5	2.0	0.3	4.0	0.5	1.27	0.5
1119.4	0.3	>50.0	22.5	3.82	0.5	133.3	0.3	30.5	5.5	3.82	0.5	29.5	0.3	14.0	2.5	3.82	0.5
1368.1	0.3	>50.0	27.5	6.36	0.5	472.6	0.3	>50.0	9.5	6.36	0.5	90.0	0.3	25.0	4.5	6.36	0.5
1517.4	0.3	>50.0	30.5	8.90	0.5	671.6	0.3	>50.0	13.5	8.90	0.5	185.3	0.3	36.5	6.5	8.90	0.5
1616.9	0.3	>50.0	32.5	12.72	0.5	920.4	0.3	>50.0	18.5	12.72	0.5	472.6	0.3	>50.0	9.5	12.72	0.5

22

MIXING HEIGHT..... 500.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.	0.8	0.3	1.5	0.5	0.03	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	2.3	0.3	4.5	0.5	0.08	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	4.8	0.3	9.5	0.5	0.16	1.0	0.8	0.3	1.5	0.5	0.16	1.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	16.0	0.3	14.0	1.5	0.24	1.0	1.3	0.3	2.5	0.5	0.24	1.0	0.5	0.3	1.0	0.5	0.24	1.0
1000.	27.0	0.3	21.0	1.5	0.32	1.0	1.5	0.3	3.0	0.5	0.32	1.0	0.8	0.3	1.5	0.5	0.32	1.0
2500.	223.9	0.3	>50.0	4.5	0.79	1.0	4.8	0.3	9.5	0.5	0.79	1.0	2.3	0.3	4.5	0.5	0.79	1.0
5000.	472.6	0.3	>50.0	9.5	1.59	1.0	27.0	0.3	21.0	1.5	1.59	1.0	4.8	0.3	9.5	0.5	1.59	1.0
15000.	721.4	0.3	>50.0	14.5	4.77	1.0	273.6	0.3	>50.0	5.5	4.77	1.0	66.8	0.3	32.5	2.5	4.77	1.0
25000.	771.1	0.3	>50.0	15.5	7.94	1.0	472.6	0.3	>50.0	9.5	7.94	1.0	223.9	0.3	>50.0	4.5	7.94	1.0
35000.	820.9	0.3	>50.0	16.5	11.12	1.0	522.4	0.3	>50.0	10.5	11.12	1.0	323.4	0.3	>50.0	6.5	11.12	1.0
50000.	870.6	0.3	>50.0	17.5	15.89	1.0	621.9	0.3	>50.0	12.5	15.89	1.0	472.6	0.3	>50.0	9.5	15.89	1.0

23

MIXING HEIGHT..... 500.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
100.	0.3	0.3	0.5	0.5	0.03	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
250.	1.0	0.3	2.0	0.5	0.07	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
500.	2.0	0.3	4.0	0.5	0.13	0.5	0.3	0.3	0.5	0.5	0.13	0.5	0.0	0.0	0.0	0.0	0.0	0.0
750.	7.8	0.3	6.5	1.5	0.20	0.5	0.3	0.3	0.5	0.5	0.20	0.5	0.0	0.0	0.0	0.0	0.0	0.0
1000.	12.0	0.3	9.0	1.5	0.26	0.5	0.8	0.3	1.5	0.5	0.26	0.5	0.3	0.3	0.5	0.5	0.26	0.5
2500.	90.0	0.3	25.0	4.5	0.66	0.5	2.0	0.3	4.0	0.5	0.66	0.5	1.0	0.3	2.0	0.5	0.66	0.5
5000.	472.6	0.3	>50.0	9.5	1.32	0.5	12.0	0.3	9.0	1.5	1.32	0.5	2.0	0.3	4.0	0.5	1.32	0.5
15000.	1119.4	0.3	>50.0	22.5	3.97	0.5	133.3	0.3	30.5	5.5	3.97	0.5	29.5	0.3	14.0	2.5	3.97	0.5
25000.	1368.1	0.3	>50.0	27.5	6.62	0.5	472.6	0.3	>50.0	9.5	6.62	0.5	90.0	0.3	25.0	4.5	6.62	0.5
35000.	1517.4	0.3	>50.0	30.5	9.26	0.5	671.6	0.3	>50.0	13.5	9.26	0.5	185.3	0.3	36.5	6.5	9.26	0.5
50000.	1616.9	0.3	>50.0	32.5	13.23	0.5	920.4	0.3	>50.0	18.5	13.23	0.5	472.6	0.3	>50.0	9.5	13.23	0.5

24

MIXING HEIGHT..... 500.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	1.8	1.3	3.5	0.5	0.03	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	4.0	0.8	8.0	0.5	0.06	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	16.5	0.8	15.0	1.5	0.10	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	26.8	0.8	20.5	1.5	0.13	2.0	1.0	1.8	2.0	0.5	0.13	2.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	221.6	0.8	>50.0	4.5	0.32	2.0	4.0	0.8	8.0	0.5	0.32	2.0	1.8	1.3	3.5	0.5	0.32	2.0
5000.	467.9	0.8	>50.0	9.5	0.65	2.0	26.8	0.8	20.5	1.5	0.65	2.0	4.0	0.8	8.0	0.5	0.65	2.0
15000.	721.4	0.3	>50.0	14.5	1.94	2.0	270.9	0.8	>50.0	5.5	1.94	2.0	66.5	0.8	32.0	2.5	1.94	2.0
25000.	771.1	0.3	>50.0	15.5	3.23	2.0	467.9	0.8	>50.0	9.5	3.23	2.0	221.6	0.8	>50.0	4.5	3.23	2.0
35000.	820.9	0.3	>50.0	16.5	4.53	2.0	517.1	0.8	>50.0	10.5	4.53	2.0	320.1	0.8	>50.0	6.5	4.53	2.0
50000.	870.6	0.3	>50.0	17.5	6.47	2.0	615.6	0.8	>50.0	12.5	6.47	2.0	467.9	0.8	>50.0	9.5	6.47	2.0

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MIXING HEIGHT..... 500.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	0.3	0.3	0.5	0.5	0.03	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
500.	1.0	0.3	2.0	0.5	0.07	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
750.	1.5	0.3	3.0	0.5	0.10	0.5	0.3	0.3	0.5	0.5	0.10	0.5	0.0	0.0	0.0	0.0	0.0	0.0
1000.	2.0	0.3	4.0	0.5	0.14	0.5	0.3	0.3	0.5	0.5	0.14	0.5	0.0	0.0	0.0	0.0	0.0	0.0
2500.	21.8	0.3	11.5	2.5	0.35	0.5	1.0	0.3	2.0	0.5	0.35	0.5	0.3	0.3	0.5	0.5	0.35	0.5
5000.	90.5	0.3	25.0	4.5	0.70	0.5	2.0	0.3	4.0	0.5	0.70	0.5	1.0	0.3	2.0	0.5	0.70	0.5
15000.	721.4	0.3	>50.0	14.5	2.09	0.5	29.5	0.3	14.0	2.5	2.09	0.5	7.3	0.3	6.5	1.5	2.09	0.5
25000.	1069.6	0.3	>50.0	21.5	3.48	0.5	90.5	0.3	25.0	4.5	3.48	0.5	21.8	0.3	11.5	2.5	3.48	0.5
35000.	1218.9	0.3	>50.0	24.5	4.87	0.5	185.3	0.3	36.5	6.5	4.87	0.5	44.0	0.3	17.0	3.5	4.87	0.5

26

MIXING HEIGHT..... 500.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	0.0	0.0	0.0	0.0	0.0	0.0
50.	0.3	0.3	0.5	0.5	0.04	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
100.	0.5	0.3	1.0	0.5	0.07	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
250.	1.0	0.3	2.0	0.5	0.19	0.5	0.3	0.3	0.5	0.5	0.19	0.5	0.0	0.0	0.0	0.0	0.0	0.0
500.	2.0	0.3	4.0	0.5	0.37	0.5	0.5	0.3	1.0	0.5	0.37	0.5	0.3	0.3	0.5	0.5	0.37	0.5
750.	3.3	0.3	6.5	0.5	0.56	0.5	0.8	0.3	1.5	0.5	0.56	0.5	0.5	0.3	1.0	0.5	0.56	0.5
1000.	4.8	0.3	9.5	0.5	0.74	0.5	1.0	0.3	2.0	0.5	0.74	0.5	0.5	0.3	1.0	0.5	0.74	0.5
2500.	49.8	0.3	26.5	2.5	1.86	0.5	2.0	0.3	4.0	0.5	1.86	0.5	1.0	0.3	2.0	0.5	1.86	0.5
5000.	223.9	0.3	>50.0	4.5	3.71	0.5	4.8	0.3	9.5	0.5	3.71	0.5	2.0	0.3	4.0	0.5	3.71	0.5
15000.	572.1	0.3	>50.0	11.5	11.13	0.5	67.3	0.3	32.5	2.5	11.13	0.5	16.0	0.3	14.0	1.5	11.13	0.5
25000.	671.6	0.3	>50.0	13.5	18.55	0.5	223.9	0.3	>50.0	4.5	18.55	0.5	49.8	0.3	26.5	2.5	18.55	0.5
35000.	721.4	0.3	>50.0	14.5	25.97	0.5	323.4	0.3	>50.0	6.5	25.97	0.5	96.3	0.3	38.5	3.5	25.97	0.5

27

MIXING HEIGHT..... 500.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLF MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	0.3	0.3	0.5	0.5	0.03	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
500.	1.0	0.3	2.0	0.5	0.06	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
750.	1.5	0.3	3.0	0.5	0.10	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
1000.	2.0	0.3	4.0	0.5	0.13	0.5	0.3	0.3	0.5	0.5	0.13	0.5	0.0	0.0	0.0	0.0	0.0	0.0
2500.	21.8	0.3	11.5	2.5	0.32	0.5	1.0	0.3	2.0	0.5	0.32	0.5	0.3	0.3	0.5	0.5	0.32	0.5
5000.	90.0	0.3	25.0	4.5	0.64	0.5	2.0	0.3	4.0	0.5	0.64	0.5	1.0	0.3	2.0	0.5	0.64	0.5
15000.	721.4	0.3	>50.0	14.5	1.91	0.5	29.5	0.3	14.0	2.5	1.91	0.5	7.3	0.3	6.5	1.5	1.91	0.5
25000.	1069.6	0.3	>50.0	21.5	3.18	0.5	90.0	0.3	25.0	4.5	3.18	0.5	21.8	0.3	11.5	2.5	3.18	0.5
35000.	1218.9	0.3	>50.0	24.5	4.45	0.5	185.3	0.3	36.5	6.5	4.45	0.5	44.0	0.3	17.0	3.5	4.45	0.5
50000.	1368.1	0.3	>50.0	27.5	6.36	0.5	472.6	0.3	>50.0	9.5	6.36	0.5	90.0	0.3	25.0	4.5	6.36	0.5

28

MIXING HEIGHT..... 500.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	1.0	0.3	2.0	0.5	0.04	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	2.3	0.3	4.5	0.5	0.08	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	3.3	0.3	6.5	0.5	0.12	1.0	0.5	0.3	1.0	0.5	0.12	1.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	4.8	0.3	9.5	0.5	0.16	1.0	0.8	0.3	1.5	0.5	0.16	1.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	49.8	0.3	26.5	2.5	0.40	1.0	2.3	0.3	4.5	0.5	0.40	1.0	1.0	0.3	2.0	0.5	0.40	1.0
5000.	223.9	0.3	>50.0	4.5	0.79	1.0	4.8	0.3	9.5	0.5	0.79	1.0	2.3	0.3	4.5	0.5	0.79	1.0
15000.	572.1	0.3	>50.0	11.5	2.38	1.0	66.8	0.3	32.5	2.5	2.38	1.0	16.0	0.3	14.0	1.5	2.38	1.0
25000.	671.6	0.3	>50.0	13.5	3.97	1.0	223.9	0.3	>50.0	4.5	3.97	1.0	49.8	0.3	26.5	2.5	3.97	1.0
35000.	721.4	0.3	>50.0	14.5	5.56	1.0	323.4	0.3	>50.0	6.5	5.56	1.0	97.8	0.3	38.5	3.5	5.56	1.0
50000.	771.1	0.3	>50.0	15.5	7.94	1.0	472.6	0.3	>50.0	9.5	7.94	1.0	223.9	0.3	>50.0	4.5	7.94	1.0

29

MIXING HEIGHT..... 500.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	0.3	0.3	0.5	0.5	0.03	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
500.	1.0	0.3	2.0	0.5	0.07	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
750.	1.5	0.3	3.0	0.5	0.10	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
1000.	2.0	0.3	4.0	0.5	0.13	0.5	0.3	0.3	0.5	0.5	0.13	0.5	0.0	0.0	0.0	0.0	0.0	0.0
2500.	21.8	0.3	11.5	2.5	0.33	0.5	1.0	0.3	2.0	0.5	0.33	0.5	0.3	0.3	0.5	0.5	0.33	0.5
5000.	90.0	0.3	25.0	4.5	0.66	0.5	2.0	0.3	4.0	0.5	0.66	0.5	1.0	0.3	2.0	0.5	0.66	0.5
15000.	721.4	0.3	>50.0	14.5	1.98	0.5	29.5	0.3	14.0	2.5	1.98	0.5	7.8	0.3	6.5	1.5	1.98	0.5
25000.	1069.6	0.3	>50.0	21.5	3.31	0.5	90.0	0.3	25.0	4.5	3.31	0.5	21.8	0.3	11.5	2.5	3.31	0.5
35000.	1218.9	0.3	>50.0	24.5	4.63	0.5	185.3	0.3	36.5	6.5	4.63	0.5	44.0	0.3	17.0	3.5	4.63	0.5
50000.	1368.1	0.3	>50.0	27.5	6.62	0.5	472.6	0.3	>50.0	9.5	6.62	0.5	90.0	0.3	25.0	4.5	6.62	0.5

30

MIXING HEIGHT..... 500.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	1.8	1.3	3.5	0.5	0.03	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	3.0	0.8	6.0	0.5	0.05	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	4.0	0.8	8.0	0.5	0.06	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	46.5	0.8	26.0	2.5	0.16	2.0	1.8	1.3	3.5	0.5	0.16	2.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	221.6	0.8	>50.0	4.5	0.32	2.0	4.0	0.8	8.0	0.5	0.32	2.0	1.8	1.3	3.5	0.5	0.32	2.0
15000.	566.4	0.8	>50.0	11.5	0.97	2.0	66.5	0.8	32.0	2.5	0.97	2.0	16.5	0.8	15.0	1.5	0.97	2.0
25000.	671.6	0.3	>50.0	13.5	1.62	2.0	221.6	0.8	>50.0	4.5	1.62	2.0	46.5	0.8	26.0	2.5	1.62	2.0
35000.	721.4	0.3	>50.0	14.5	2.26	2.0	320.1	0.8	>50.0	6.5	2.26	2.0	99.0	0.8	38.0	3.5	2.26	2.0
50000.	771.1	0.3	>50.0	15.5	3.23	2.0	467.9	0.8	>50.0	9.5	3.23	2.0	221.6	0.8	>50.0	4.5	3.23	2.0

31

MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	0.0	0.0	0.0	0.0	0.0	0.0
50.	0.3	0.3	0.5	0.5	0.03	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
100.	0.5	0.3	1.0	0.5	0.07	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
250.	0.8	0.3	1.5	0.5	0.17	0.5	0.3	0.3	0.5	0.5	0.17	0.5	0.0	0.0	0.0	0.0	0.0	0.0
500.	8.0	0.3	7.0	1.5	0.33	0.5	0.5	0.3	1.0	0.5	0.33	0.5	0.3	0.3	0.5	0.5	0.33	0.5
750.	21.8	0.3	11.5	2.5	0.50	0.5	0.5	0.3	1.0	0.5	0.50	0.5	0.3	0.3	0.5	0.5	0.50	0.5
1000.	38.3	0.3	15.5	3.5	0.67	0.5	0.8	0.3	1.5	0.5	0.67	0.5	0.5	0.3	1.0	0.5	0.67	0.5
2500.	225.0	0.3	39.0	7.5	1.67	0.5	8.0	0.3	7.0	1.5	1.67	0.5	0.8	0.3	1.5	0.5	1.67	0.5
5000.	721.4	0.3	>50.0	14.5	3.34	0.5	38.3	0.3	15.5	3.5	3.34	0.5	8.0	0.3	7.0	1.5	3.34	0.5
15000.	1268.6	0.3	>50.0	25.5	10.03	0.5	307.5	0.3	45.0	9.5	10.03	0.5	86.0	0.3	24.0	4.5	10.03	0.5
25000.	1467.6	0.3	>50.0	29.5	16.72	0.5	721.4	0.3	>50.0	14.5	16.72	0.5	225.0	0.3	39.0	7.5	16.72	0.5
35000.	1616.9	0.3	>50.0	32.5	23.41	0.5	870.6	0.3	>50.0	17.5	23.41	0.5	522.4	0.3	>50.0	10.5	23.41	0.5

32

MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
20.	0.5	0.3	1.0	0.5	0.07	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
50.	1.0	0.3	2.0	0.5	0.18	0.5	0.3	0.3	0.5	0.5	0.18	0.5	0.0	0.0	0.0	0.0	0.0	0.0
100.	1.8	0.3	3.5	0.5	0.37	0.5	0.5	0.3	1.0	0.5	0.37	0.5	0.3	0.3	0.5	0.5	0.37	0.5
250.	3.8	0.3	7.5	0.5	0.92	0.5	1.0	0.3	2.0	0.5	0.92	0.5	0.8	0.3	1.5	0.5	0.92	0.5
500.	16.3	0.3	13.5	1.5	1.85	0.5	1.8	0.3	3.5	0.5	1.85	0.5	1.0	0.3	2.0	0.5	1.85	0.5
750.	27.8	0.3	19.5	2.5	2.77	0.5	2.5	0.3	5.0	0.5	2.77	0.5	1.5	0.3	3.0	0.5	2.77	0.5
1000.	48.3	0.3	24.5	2.5	3.69	0.5	3.0	0.3	6.0	0.5	3.69	0.5	1.8	0.3	3.5	0.5	3.69	0.5
2500.	373.1	0.3	>50.0	7.5	9.23	0.5	16.3	0.3	13.5	1.5	9.23	0.5	3.8	0.3	7.5	0.5	9.23	0.5
5000.	572.1	0.3	>50.0	11.5	18.47	0.5	48.3	0.3	24.5	2.5	18.47	0.5	16.3	0.3	13.5	1.5	18.47	0.5
15000.	771.1	0.3	>50.0	15.5	55.40	0.5	472.6	0.3	>50.0	9.5	55.40	0.5	90.5	0.3	34.0	3.5	55.40	0.5
25000.	870.6	0.3	>50.0	17.5	92.33	0.5	572.1	0.3	>50.0	11.5	92.33	0.5	373.1	0.3	>50.0	7.5	92.33	0.5
35000.	920.4	0.3	>50.0	18.5	129.26	0.5	671.6	0.3	>50.0	13.5	129.26	0.5	472.6	0.3	>50.0	9.5	129.26	0.5

33

MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	0.0	0.0	0.0	0.0	0.0	0.0
50.	0.3	0.3	0.5	0.5	0.03	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
100.	0.5	0.3	1.0	0.5	0.06	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
250.	0.8	0.3	1.5	0.5	0.14	0.5	0.3	0.3	0.5	0.5	0.14	0.5	0.0	0.0	0.0	0.0	0.0	0.0
500.	8.0	0.3	7.0	1.5	0.29	0.5	0.5	0.3	1.0	0.5	0.29	0.5	0.3	0.3	0.5	0.5	0.29	0.5
750.	21.8	0.3	11.5	2.5	0.43	0.5	0.5	0.3	1.0	0.5	0.43	0.5	0.3	0.3	0.5	0.5	0.43	0.5
1000.	38.3	0.3	15.5	3.5	0.57	0.5	0.8	0.3	1.5	0.5	0.57	0.5	0.5	0.3	1.0	0.5	0.57	0.5
2500.	225.0	0.3	39.0	7.5	1.43	0.5	8.0	0.3	7.0	1.5	1.43	0.5	0.8	0.3	1.5	0.5	1.43	0.5
5000.	721.4	0.3	>50.0	14.5	2.86	0.5	38.3	0.3	15.5	3.5	2.86	0.5	8.0	0.3	7.0	1.5	2.86	0.5
15000.	1268.6	0.3	>50.0	25.5	8.58	0.5	307.5	0.3	45.0	9.5	8.58	0.5	86.0	0.3	24.0	4.5	8.58	0.5
25000.	1467.6	0.3	>50.0	29.5	14.30	0.5	721.4	0.3	>50.0	14.5	14.30	0.5	225.0	0.3	39.0	7.5	14.30	0.5
35000.	1616.9	0.3	>50.0	32.5	20.01	0.5	870.6	0.3	>50.0	17.5	20.01	0.5	522.4	0.3	>50.0	10.5	20.01	0.5
50000.	1716.4	0.3	>50.0	34.5	28.59	0.5	1069.6	0.3	>50.0	21.5	28.59	0.5	721.4	0.3	>50.0	14.5	28.59	0.5

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MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	0.0	0.0	0.0	0.0	0.0	0.0
50.	1.0	0.3	2.0	0.5	0.04	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
100.	1.8	0.3	3.5	0.5	0.08	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
250.	3.8	0.3	7.5	0.5	0.20	0.5	1.0	0.3	2.0	0.5	0.20	0.5	0.0	0.0	0.0	0.0	0.0	0.0
500.	17.0	0.3	14.0	1.5	0.40	0.5	1.8	0.3	3.5	0.5	0.40	0.5	1.0	0.3	2.0	0.5	0.40	0.5
750.	30.8	0.3	19.5	2.5	0.60	0.5	2.5	0.3	5.0	0.5	0.60	0.5	1.3	0.3	2.5	0.5	0.60	0.5
1000.	50.3	0.3	25.5	2.5	0.79	0.5	3.0	0.3	6.0	0.5	0.79	0.5	1.8	0.3	3.5	0.5	0.79	0.5
2500.	373.1	0.3	>50.0	7.5	1.98	0.5	17.0	0.3	14.0	1.5	1.98	0.5	3.8	0.3	7.5	0.5	1.98	0.5
5000.	572.1	0.3	>50.0	11.5	3.97	0.5	50.3	0.3	25.5	2.5	3.97	0.5	17.0	0.3	14.0	1.5	3.97	0.5
15000.	771.1	0.3	>50.0	15.5	11.91	0.5	472.6	0.3	>50.0	9.5	11.91	0.5	223.9	0.3	>50.0	4.5	11.91	0.5
25000.	870.6	0.3	>50.0	17.5	19.84	0.5	572.1	0.3	>50.0	11.5	19.84	0.5	373.1	0.3	>50.0	7.5	19.84	0.5
35000.	920.4	0.3	>50.0	18.5	27.78	0.5	671.6	0.3	>50.0	13.5	27.78	0.5	472.6	0.3	>50.0	9.5	27.78	0.5
50000.	970.1	0.3	>50.0	19.5	39.69	0.5	721.4	0.3	>50.0	14.5	39.69	0.5	572.1	0.3	>50.0	11.5	39.69	0.5

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MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
100.	0.5	0.3	1.0	0.5	0.04	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
250.	0.8	0.3	1.5	0.5	0.09	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
500.	8.0	0.3	7.0	1.5	0.18	0.5	0.5	0.3	1.0	0.5	0.18	0.5	0.0	0.0	0.0	0.0	0.0	0.0
750.	21.8	0.3	11.5	2.5	0.27	0.5	0.5	0.3	1.0	0.5	0.27	0.5	0.3	0.3	0.5	0.5	0.27	0.5
1000.	38.3	0.3	15.5	3.5	0.36	0.5	0.8	0.3	1.5	0.5	0.36	0.5	0.5	0.3	1.0	0.5	0.36	0.5
2500.	225.0	0.3	39.0	7.5	0.90	0.5	8.0	0.3	7.0	1.5	0.90	0.5	0.8	0.3	1.5	0.5	0.90	0.5
5000.	721.4	0.3	>50.0	14.5	1.80	0.5	38.3	0.3	15.5	3.5	1.80	0.5	8.0	0.3	7.0	1.5	1.80	0.5
15000.	1268.6	0.3	>50.0	25.5	5.40	0.5	307.5	0.3	45.0	9.5	5.40	0.5	86.0	0.3	24.0	4.5	5.40	0.5
25000.	1467.6	0.3	>50.0	29.5	9.00	0.5	721.4	0.3	>50.0	14.5	9.00	0.5	225.0	0.3	39.0	7.5	9.00	0.5
35000.	1616.9	0.3	>50.0	32.5	12.60	0.5	870.6	0.3	>50.0	17.5	12.60	0.5	522.4	0.3	>50.0	10.5	12.60	0.5
50000.	1716.4	0.3	>50.0	34.5	18.00	0.5	1069.6	0.3	>50.0	21.5	18.00	0.5	721.4	0.3	>50.0	14.5	18.00	0.5

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MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	3.5	0.8	7.0	0.5	0.04	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	16.5	0.8	14.0	1.5	0.08	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	32.5	0.8	20.0	2.5	0.12	2.0	1.5	1.3	3.0	0.5	0.12	2.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	51.8	0.8	25.5	2.5	0.17	2.0	2.5	1.3	5.0	0.5	0.17	2.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	369.4	0.8	>50.0	7.5	0.41	2.0	16.5	0.8	14.0	1.5	0.41	2.0	3.5	0.8	7.0	0.5	0.41	2.0
5000.	572.1	0.3	>50.0	11.5	0.83	2.0	51.8	0.8	25.5	2.5	0.83	2.0	16.5	0.8	14.0	1.5	0.83	2.0
15000.	771.1	0.3	>50.0	15.5	2.49	2.0	467.9	0.8	>50.0	9.5	2.49	2.0	221.6	0.8	>50.0	4.5	2.49	2.0
25000.	870.6	0.3	>50.0	17.5	4.14	2.0	572.1	0.3	>50.0	11.5	4.14	2.0	369.4	0.8	>50.0	7.5	4.14	2.0
35000.	920.4	0.3	>50.0	18.5	5.80	2.0	671.6	0.3	>50.0	13.5	5.80	2.0	467.9	0.8	>50.0	9.5	5.80	2.0
50000.	970.1	0.3	>50.0	19.5	8.29	2.0	721.4	0.3	>50.0	14.5	8.29	2.0	572.1	0.3	>50.0	11.5	8.29	2.0

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MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-----					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	D
250.	1.8	0.3	3.5	0.5	0.07	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
500.	8.5	0.3	7.0	1.5	0.13	0.5	0.5	0.3	1.0	0.5	0.13	0.5	0.0	0.0	0.0	0.0	0.0	0
750.	21.8	0.3	11.5	2.5	0.20	0.5	0.5	0.3	1.0	0.5	0.20	0.5	0.0	0.0	0.0	0.0	0.0	0
1000.	38.3	0.3	15.5	3.5	0.27	0.5	1.3	0.3	2.5	0.5	0.27	0.5	0.5	0.3	1.0	0.5	0.27	0
2500.	225.5	0.3	39.0	7.5	0.66	0.5	8.5	0.3	7.0	1.5	0.66	0.5	1.8	0.3	3.5	0.5	0.66	0
5000.	721.4	0.3	>50.0	14.5	1.33	0.5	38.3	0.3	15.5	3.5	1.33	0.5	8.5	0.3	7.0	1.5	1.33	0
15000.	1268.6	0.3	>50.0	25.5	3.98	0.5	308.0	0.3	45.0	9.5	3.98	0.5	86.0	0.3	24.0	4.5	3.98	0
25000.	1467.6	0.3	>50.0	29.5	6.64	0.5	721.4	0.3	>50.0	14.5	6.64	0.5	225.5	0.3	39.0	7.5	6.64	0
35000.	1616.9	0.3	>50.0	32.5	9.29	0.5	870.6	0.3	>50.0	17.5	9.29	0.5	522.4	0.3	>50.0	10.5	9.29	0
50000.	1716.4	0.3	>50.0	34.5	13.28	0.5	1069.6	0.3	>50.0	21.5	13.28	0.5	721.4	0.3	>50.0	14.5	13.28	0
75000.	1865.6	0.3	>50.0	37.5	19.92	0.5	1268.6	0.3	>50.0	25.5	19.92	0.5	920.4	0.3	>50.0	18.5	19.92	0
100000.	1965.1	0.3	>50.0	39.5	26.55	0.5	1417.9	0.3	>50.0	28.5	26.55	0.5	1069.6	0.3	>50.0	21.5	26.55	0.

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MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-----					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DC
250.	2.8	2.3	5.5	0.5	0.03	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.
500.	16.0	1.8	13.0	1.5	0.06	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.
750.	32.3	1.3	19.5	2.5	0.09	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.
1000.	78.0	1.3	35.0	3.5	0.12	4.0	1.5	2.8	3.0	0.5	0.12	4.0	0.0	0.0	0.0	0.0	0.0	0.
2500.	365.6	1.3	>50.0	7.5	0.29	4.0	16.0	1.8	13.0	1.5	0.29	4.0	2.8	2.3	5.5	0.5	0.29	4.
5000.	566.4	0.8	>50.0	11.5	0.58	4.0	78.0	1.3	35.0	3.5	0.58	4.0	16.0	1.8	13.0	1.5	0.58	4.
15000.	763.4	0.8	>50.0	15.5	1.74	4.0	463.1	1.3	>50.0	9.5	1.74	4.0	219.4	1.3	>50.0	4.5	1.74	4.
25000.	861.9	0.8	>50.0	17.5	2.90	4.0	566.4	0.8	>50.0	11.5	2.90	4.0	365.6	1.3	>50.0	7.5	2.90	4.
35000.	911.1	0.8	>50.0	18.5	4.06	4.0	664.9	0.8	>50.0	13.5	4.06	4.0	467.9	0.8	>50.0	9.5	4.06	4.
50000.	960.4	0.8	>50.0	19.5	5.80	4.0	714.1	0.8	>50.0	14.5	5.80	4.0	566.4	0.8	>50.0	11.5	5.80	4.
75000.	1009.6	0.8	>50.0	20.5	8.70	4.0	763.4	0.8	>50.0	15.5	8.70	4.0	664.9	0.8	>50.0	13.5	8.70	4.
100000.	1058.9	0.8	>50.0	21.5	11.59	4.0	812.6	0.8	>50.0	16.5	11.59	4.0	714.1	0.8	>50.0	14.5	11.59	4.

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MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-----					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DC
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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
100.	0.3	0.3	0.5	0.5	0.03	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.
250.	0.3	0.3	0.5	0.5	0.07	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.
500.	1.3	0.3	2.5	0.5	0.13	0.5	0.3	0.3	0.5	0.5	0.13	0.5	0.0	0.0	0.0	0.0	0.0	0
750.	2.0	0.3	4.0	0.5	0.20	0.5	0.3	0.3	0.5	0.5	0.20	0.5	0.0	0.0	0.0	0.0	0.0	0
1000.	6.3	0.3	5.5	1.5	0.27	0.5	0.3	0.3	0.5	0.5	0.27	0.5	0.3	0.3	0.5	0.5	0.27	0
2500.	40.5	0.3	16.0	3.5	0.66	0.5	1.3	0.3	2.5	0.5	0.66	0.5	0.3	0.3	0.5	0.5	0.66	0
5000.	169.8	0.3	34.5	6.5	1.33	0.5	6.3	0.3	5.5	1.5	1.33	0.5	1.3	0.3	2.5	0.5	1.33	0
15000.	920.4	0.3	>50.0	18.5	3.98	0.5	55.8	0.3	19.5	3.5	3.98	0.5	12.0	0.3	9.0	1.5	3.98	0
25000.	1169.1	0.3	>50.0	23.5	6.64	0.5	169.8	0.3	34.5	6.5	6.64	0.5	40.5	0.3	16.0	3.5	6.64	0
35000.	1318.4	0.3	>50.0	26.5	9.29	0.5	472.6	0.3	>50.0	9.5	9.29	0.5	79.5	0.3	23.0	4.5	9.29	0

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MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
20.	0.3	0.3	0.5	0.5	0.03	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
50.	0.5	0.3	1.0	0.5	0.07	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
100.	1.0	0.3	2.0	0.5	0.15	0.5	0.3	0.3	0.5	0.5	0.15	0.5	0.0	0.0	0.0	0.0	0.0	0.0
250.	1.8	0.3	3.5	0.5	0.37	0.5	0.5	0.3	1.0	0.5	0.37	0.5	0.3	0.3	0.5	0.5	0.37	0.5
500.	3.0	0.3	6.0	0.5	0.74	0.5	1.0	0.3	2.0	0.5	0.74	0.5	0.5	0.3	1.0	0.5	0.74	0.5
750.	5.8	0.3	8.5	1.5	1.11	0.5	1.3	0.3	2.5	0.5	1.11	0.5	0.8	0.3	1.5	0.5	1.11	0.5
1000.	11.8	0.3	12.5	1.5	1.48	0.5	1.5	0.3	3.0	0.5	1.48	0.5	1.0	0.3	2.0	0.5	1.48	0.5
2500.	77.8	0.3	32.5	3.5	3.71	0.5	3.0	0.3	6.0	0.5	3.71	0.5	1.8	0.3	3.5	0.5	3.71	0.5
5000.	323.4	0.3	>50.0	6.5	7.42	0.5	11.8	0.3	12.5	1.5	7.42	0.5	3.0	0.3	6.0	0.5	7.42	0.5
15000.	621.9	0.3	>50.0	12.5	22.26	0.5	122.3	0.3	44.5	3.5	22.26	0.5	26.5	0.3	20.0	1.5	22.26	0.5
25000.	721.4	0.3	>50.0	14.5	37.10	0.5	323.4	0.3	>50.0	6.5	37.10	0.5	77.8	0.3	32.5	3.5	37.10	0.5
35000.	771.1	0.3	>50.0	15.5	51.94	0.5	422.9	0.3	>50.0	8.5	51.94	0.5	223.9	0.3	>50.0	4.5	51.94	0.5

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MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.	0.3	0.3	0.5	0.5	0.02	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
250.	0.3	0.3	0.5	0.5	0.06	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
500.	1.3	0.3	2.5	0.5	0.11	0.5	0.3	0.3	0.5	0.5	0.11	0.5	0.0	0.0	0.0	0.0	0.0	0.0
750.	2.0	0.3	4.0	0.5	0.17	0.5	0.3	0.3	0.5	0.5	0.17	0.5	0.0	0.0	0.0	0.0	0.0	0.0
1000.	6.3	0.3	5.5	1.5	0.23	0.5	0.3	0.3	0.5	0.5	0.23	0.5	0.3	0.3	0.5	0.5	0.23	0.5
2500.	40.5	0.3	16.0	3.5	0.57	0.5	1.3	0.3	2.5	0.5	0.57	0.5	0.3	0.3	0.5	0.5	0.57	0.5
5000.	169.8	0.3	34.5	6.5	1.15	0.5	6.3	0.3	5.5	1.5	1.15	0.5	1.3	0.3	2.5	0.5	1.15	0.5
15000.	920.4	0.3	>50.0	18.5	3.44	0.5	55.8	0.3	19.5	3.5	3.44	0.5	12.0	0.3	9.0	1.5	3.44	0.5
25000.	1169.1	0.3	>50.0	23.5	5.73	0.5	169.8	0.3	34.5	6.5	5.73	0.5	40.5	0.3	16.0	3.5	5.73	0.5
35000.	1318.4	0.3	>50.0	26.5	8.02	0.5	472.6	0.3	>50.0	9.5	8.02	0.5	79.5	0.3	23.0	4.5	8.02	0.5
50000.	1467.6	0.3	>50.0	29.5	11.46	0.5	621.9	0.3	>50.0	12.5	11.46	0.5	169.8	0.3	34.5	6.5	11.46	0.5

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MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.	0.8	0.3	1.5	0.5	0.03	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	1.8	0.3	3.5	0.5	0.08	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	3.0	0.3	6.0	0.5	0.16	1.0	0.8	0.3	1.5	0.5	0.16	1.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	4.0	0.3	8.0	0.5	0.24	1.0	1.0	0.3	2.0	0.5	0.24	1.0	0.5	0.3	1.0	0.5	0.24	1.0
1000.	13.8	0.3	12.5	1.5	0.32	1.0	1.5	0.3	3.0	0.5	0.32	1.0	0.8	0.3	1.5	0.5	0.32	1.0
2500.	85.3	0.3	36.5	3.5	0.79	1.0	3.0	0.3	6.0	0.5	0.79	1.0	1.8	0.3	3.5	0.5	0.79	1.0
5000.	323.4	0.3	>50.0	6.5	1.59	1.0	13.8	0.3	12.5	1.5	1.59	1.0	3.0	0.3	6.0	0.5	1.59	1.0
15000.	621.9	0.3	>50.0	12.5	4.76	1.0	124.3	0.3	44.5	3.5	4.76	1.0	26.5	0.3	20.0	1.5	4.76	1.0
25000.	721.4	0.3	>50.0	14.5	7.93	1.0	323.4	0.3	>50.0	6.5	7.93	1.0	85.3	0.3	36.5	3.5	7.93	1.0
35000.	771.1	0.3	>50.0	15.5	11.11	1.0	422.9	0.3	>50.0	8.5	11.11	1.0	223.9	0.3	>50.0	4.5	11.11	1.0
50000.	820.9	0.3	>50.0	16.5	15.86	1.0	522.4	0.3	>50.0	10.5	15.86	1.0	323.4	0.3	>50.0	6.5	15.86	1.0

43

MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2 LB/HR	ISOPLETH LEVEL=.02 PPM AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	ISOPLETH LEVEL=.10 PPM AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	ISOPLETH LEVEL=.20 PPM AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	0.5	0.3	1.0	0.5	0.03	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
500.	1.3	0.3	2.5	0.5	0.07	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
750.	2.0	0.3	4.0	0.5	0.10	0.5	0.3	0.3	0.5	0.5	0.10	0.5	0.0	0.0	0.0	0.0	0.0	0.0
1000.	6.3	0.3	5.5	1.5	0.14	0.5	0.3	0.3	0.5	0.5	0.14	0.5	0.0	0.0	0.0	0.0	0.0	0.0
2500.	40.5	0.3	16.0	3.5	0.35	0.5	1.3	0.3	2.5	0.5	0.35	0.5	0.5	0.3	1.0	0.5	0.35	0.5
5000.	169.8	0.3	34.5	6.5	0.70	0.5	6.3	0.3	5.5	1.5	0.70	0.5	1.3	0.3	2.5	0.5	0.70	0.5
15000.	920.4	0.3	>50.0	18.5	2.10	0.5	55.8	0.3	19.5	3.5	2.10	0.5	12.0	0.3	9.0	1.5	2.10	0.5
25000.	1169.1	0.3	>50.0	23.5	3.49	0.5	169.8	0.3	34.5	6.5	3.49	0.5	40.5	0.3	16.0	3.5	3.49	0.5
35000.	1318.4	0.3	>50.0	26.5	4.89	0.5	472.6	0.3	>50.0	9.5	4.89	0.5	80.0	0.3	23.0	4.5	4.89	0.5
50000.	1467.6	0.3	>50.0	29.5	6.99	0.5	621.9	0.3	>50.0	12.5	6.99	0.5	169.8	0.3	34.5	6.5	6.99	0.5

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MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2 LB/HR	ISOPLETH LEVEL=.02 PPM AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	ISOPLETH LEVEL=.10 PPM AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	ISOPLETH LEVEL=.20 PPM AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	2.0	1.3	4.0	0.5	0.03	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	4.5	0.8	9.0	0.5	0.05	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	12.5	0.8	12.0	1.5	0.07	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	82.5	0.8	36.0	3.5	0.16	2.0	2.0	1.3	4.0	0.5	0.16	2.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	320.1	0.8	>50.0	6.5	0.33	2.0	12.5	0.8	12.0	1.5	0.33	2.0	2.0	1.3	4.0	0.5	0.33	2.0
15000.	615.6	0.8	>50.0	12.5	0.98	2.0	124.5	0.8	44.0	3.5	0.98	2.0	24.8	0.8	19.5	1.5	0.98	2.0
25000.	721.4	0.3	>50.0	14.5	1.64	2.0	320.1	0.8	>50.0	6.5	1.64	2.0	82.5	0.8	36.0	3.5	1.64	2.0
35000.	771.1	0.3	>50.0	15.5	2.29	2.0	418.6	0.8	>50.0	8.5	2.29	2.0	221.6	0.8	>50.0	4.5	2.29	2.0
50000.	820.9	0.3	>50.0	16.5	3.27	2.0	517.1	0.8	>50.0	10.5	3.27	2.0	320.1	0.8	>50.0	6.5	3.27	2.0

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MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2 LB/HR	ISOPLETH LEVEL=.02 PPM AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	ISOPLETH LEVEL=.10 PPM AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	ISOPLETH LEVEL=.20 PPM AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.5	0.3	1.0	0.5	0.02	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	1.3	0.3	2.5	0.5	0.05	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	2.0	0.3	4.0	0.5	0.07	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	6.3	0.3	5.5	1.5	0.10	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	40.5	0.3	16.0	3.5	0.24	1.0	1.3	0.3	2.5	0.5	0.24	1.0	0.5	0.3	1.0	0.5	0.24	1.0
5000.	169.8	0.3	34.5	6.5	0.48	1.0	6.3	0.3	5.5	1.5	0.48	1.0	1.3	0.3	2.5	0.5	0.48	1.0
15000.	920.4	0.3	>50.0	18.5	1.45	1.0	55.8	0.3	19.5	3.5	1.45	1.0	12.0	0.3	9.0	1.5	1.45	1.0
25000.	1169.1	0.3	>50.0	23.5	2.42	1.0	169.8	0.3	34.5	6.5	2.42	1.0	40.5	0.3	16.0	3.5	2.42	1.0
35000.	1318.4	0.3	>50.0	26.5	3.39	1.0	472.6	0.3	>50.0	9.5	3.39	1.0	80.0	0.3	23.0	4.5	3.39	1.0
50000.	1467.6	0.3	>50.0	29.5	4.85	1.0	621.9	0.3	>50.0	12.5	4.85	1.0	169.8	0.3	34.5	6.5	4.85	1.0
75000.	1616.9	0.3	>50.0	32.5	7.27	1.0	920.4	0.3	>50.0	18.5	7.27	1.0	472.6	0.3	>50.0	9.5	7.27	1.0
100000.	1716.4	0.3	>50.0	34.5	9.69	1.0	1069.6	0.3	>50.0	21.5	9.69	1.0	621.9	0.3	>50.0	12.5	9.69	1.0

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MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	1.0	3.8	2.0	0.5	0.02	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	3.8	2.3	7.5	0.5	0.03	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	12.0	1.8	11.0	1.5	0.05	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	81.3	1.3	35.5	3.5	0.12	4.0	1.0	3.8	2.0	0.5	0.12	4.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	316.9	1.3	>50.0	6.5	0.23	4.0	12.0	1.8	11.0	1.5	0.23	4.0	1.0	3.8	2.0	0.5	0.23	4.0
15000.	615.6	0.8	>50.0	12.5	0.70	4.0	123.3	1.3	43.5	3.5	0.70	4.0	22.0	1.8	17.0	1.5	0.70	4.0
25000.	714.1	0.8	>50.0	14.5	1.16	4.0	316.9	1.3	>50.0	6.5	1.16	4.0	81.3	1.3	35.5	3.5	1.16	4.0
35000.	763.4	0.8	>50.0	15.5	1.63	4.0	414.4	1.3	>50.0	8.5	1.63	4.0	219.4	1.3	>50.0	4.5	1.63	4.0
50000.	812.6	0.8	>50.0	16.5	2.32	4.0	511.9	1.3	>50.0	10.5	2.32	4.0	316.9	1.3	>50.0	6.5	2.32	4.0
75000.	861.9	0.8	>50.0	17.5	3.48	4.0	615.6	0.8	>50.0	12.5	3.48	4.0	463.1	1.3	>50.0	9.5	3.48	4.0
100000.	911.1	0.8	>50.0	18.5	4.64	4.0	664.9	0.8	>50.0	13.5	4.64	4.0	511.9	1.3	>50.0	10.5	4.64	4.0

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MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	0.3	0.3	0.5	0.5	0.03	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
500.	0.3	0.3	0.5	0.5	0.07	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
750.	0.8	0.3	1.5	0.5	0.10	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
1000.	1.3	0.3	2.5	0.5	0.13	0.5	0.3	0.3	0.5	0.5	0.13	0.5	0.0	0.0	0.0	0.0	0.0	0.0
2500.	9.3	0.3	7.5	1.5	0.33	0.5	0.3	0.3	0.5	0.5	0.33	0.5	0.3	0.3	0.5	0.5	0.33	0.5
5000.	40.5	0.3	16.0	3.5	0.66	0.5	1.3	0.3	2.5	0.5	0.66	0.5	0.3	0.3	0.5	0.5	0.66	0.5
15000.	472.6	0.3	>50.0	9.5	1.99	0.5	12.0	0.3	9.0	1.5	1.99	0.5	2.0	0.3	4.0	0.5	1.99	0.5
25000.	820.9	0.3	>50.0	16.5	3.32	0.5	40.5	0.3	16.0	3.5	3.32	0.5	9.3	0.3	7.5	1.5	3.32	0.5
35000.	1019.9	0.3	>50.0	20.5	4.65	0.5	79.5	0.3	23.0	4.5	4.65	0.5	19.3	0.3	10.5	2.5	4.65	0.5

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MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	0.0	0.0	0.0	0.0	0.0	0.0
50.	0.3	0.3	0.5	0.5	0.04	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
100.	0.5	0.3	1.0	0.5	0.07	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
250.	1.0	0.3	2.0	0.5	0.19	0.5	0.3	0.3	0.5	0.5	0.19	0.5	0.0	0.0	0.0	0.0	0.0	0.0
500.	1.8	0.3	3.5	0.5	0.37	0.5	0.5	0.3	1.0	0.5	0.37	0.5	0.3	0.3	0.5	0.5	0.37	0.5
750.	2.5	0.3	5.0	0.5	0.56	0.5	0.8	0.3	1.5	0.5	0.56	0.5	0.5	0.3	1.0	0.5	0.56	0.5
1000.	3.0	0.3	6.0	0.5	0.74	0.5	1.0	0.3	2.0	0.5	0.74	0.5	0.5	0.3	1.0	0.5	0.74	0.5
2500.	21.5	0.3	17.0	1.5	1.86	0.5	1.8	0.3	3.5	0.5	1.86	0.5	1.0	0.3	2.0	0.5	1.86	0.5
5000.	77.8	0.3	32.5	3.5	3.71	0.5	3.0	0.3	6.0	0.5	3.71	0.5	1.8	0.3	3.5	0.5	3.71	0.5
15000.	472.6	0.3	>50.0	9.5	11.13	0.5	26.5	0.3	20.0	1.5	11.13	0.5	5.8	0.3	8.5	1.5	11.13	0.5
25000.	572.1	0.3	>50.0	11.5	18.55	0.5	77.8	0.3	32.5	3.5	18.55	0.5	21.5	0.3	17.0	1.5	18.55	0.5
35000.	671.6	0.3	>50.0	13.5	25.97	0.5	223.9	0.3	>50.0	4.5	25.97	0.5	40.3	0.3	23.5	2.5	25.97	0.5

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MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	0.3	0.3	0.5	0.5	0.03	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
500.	0.3	0.3	0.5	0.5	0.06	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
750.	0.8	0.3	1.5	0.5	0.09	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
1000.	1.3	0.3	2.5	0.5	0.11	0.5	0.3	0.3	0.5	0.5	0.11	0.5	0.0	0.0	0.0	0.0	0.0	0.0
2500.	8.8	0.3	7.5	1.5	0.29	0.5	0.3	0.3	0.5	0.5	0.29	0.5	0.3	0.3	0.5	0.5	0.29	0.5
5000.	40.5	0.3	16.0	3.5	0.57	0.5	1.3	0.3	2.5	0.5	0.57	0.5	0.3	0.3	0.5	0.5	0.57	0.5
15000.	472.6	0.3	>50.0	9.5	1.72	0.5	12.0	0.3	9.0	1.5	1.72	0.5	2.0	0.3	4.0	0.5	1.72	0.5
25000.	820.9	0.3	>50.0	16.5	2.86	0.5	40.5	0.3	16.0	3.5	2.86	0.5	8.8	0.3	7.5	1.5	2.86	0.5
35000.	1019.9	0.3	>50.0	20.5	4.01	0.5	79.5	0.3	23.0	4.5	4.01	0.5	19.3	0.3	10.5	2.5	4.01	0.5
50000.	1169.1	0.3	>50.0	23.5	5.73	0.5	169.8	0.3	34.5	6.5	5.73	0.5	40.5	0.3	16.0	3.5	5.73	0.5

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MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	1.0	0.3	2.0	0.5	0.04	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	1.8	0.3	3.5	0.5	0.08	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	2.3	0.3	4.5	0.5	0.12	1.0	0.5	0.3	1.0	0.5	0.12	1.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	3.0	0.3	6.0	0.5	0.16	1.0	0.8	0.3	1.5	0.5	0.16	1.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	20.5	0.3	17.0	1.5	0.40	1.0	1.8	0.3	3.5	0.5	0.40	1.0	1.0	0.3	2.0	0.5	0.40	1.0
5000.	85.3	0.3	36.5	3.5	0.79	1.0	3.0	0.3	6.0	0.5	0.79	1.0	1.8	0.3	3.5	0.5	0.79	1.0
15000.	472.6	0.3	>50.0	9.5	2.38	1.0	26.5	0.3	20.0	1.5	2.38	1.0	4.0	0.3	9.0	0.5	2.38	1.0
25000.	572.1	0.3	>50.0	11.5	3.97	1.0	85.3	0.3	36.5	3.5	3.97	1.0	20.5	0.3	17.0	1.5	3.97	1.0
35000.	671.6	0.3	>50.0	13.5	5.55	1.0	223.9	0.3	>50.0	4.5	5.55	1.0	41.3	0.3	23.5	2.5	5.55	1.0
50000.	721.4	0.3	>50.0	14.5	7.93	1.0	323.4	0.3	>50.0	6.5	7.93	1.0	85.3	0.3	36.5	3.5	7.93	1.0

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MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.5	0.3	1.0	0.5	0.03	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
750.	0.8	0.3	1.5	0.5	0.05	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
1000.	1.3	0.3	2.5	0.5	0.07	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
2500.	8.8	0.3	7.5	1.5	0.17	0.5	0.5	0.3	1.0	0.5	0.17	0.5	0.0	0.0	0.0	0.0	0.0	0.0
5000.	40.5	0.3	16.0	3.5	0.35	0.5	1.3	0.3	2.5	0.5	0.35	0.5	0.5	0.3	1.0	0.5	0.35	0.5
15000.	472.6	0.3	>50.0	9.5	1.05	0.5	12.0	0.3	9.0	1.5	1.05	0.5	2.0	0.3	4.0	0.5	1.05	0.5
25000.	820.9	0.3	>50.0	16.5	1.75	0.5	40.5	0.3	16.0	3.5	1.75	0.5	8.8	0.3	7.5	1.5	1.75	0.5
35000.	1019.9	0.3	>50.0	20.5	2.45	0.5	80.0	0.3	23.0	4.5	2.45	0.5	19.3	0.3	10.5	2.5	2.45	0.5
50000.	1169.1	0.3	>50.0	23.5	3.49	0.5	169.8	0.3	34.5	6.5	3.49	0.5	40.5	0.3	16.0	3.5	3.49	0.5

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MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	1.3	1.3	2.5	0.5	0.02	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	2.0	1.3	4.0	0.5	0.03	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	18.5	0.8	15.0	1.5	0.08	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	82.5	0.8	36.0	3.5	0.16	2.0	2.0	1.3	4.0	0.5	0.16	2.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	467.9	0.8	>50.0	9.5	0.49	2.0	24.8	0.8	19.5	1.5	0.49	2.0	4.5	0.8	9.0	0.5	0.49	2.0
25000.	566.4	0.8	>50.0	11.5	0.82	2.0	82.5	0.8	36.0	3.5	0.82	2.0	18.5	0.8	15.0	1.5	0.82	2.0
35000.	671.6	0.3	>50.0	13.5	1.15	2.0	221.6	0.8	>50.0	4.5	1.15	2.0	38.0	0.8	23.0	2.5	1.15	2.0
50000.	721.4	0.3	>50.0	14.5	1.64	2.0	320.1	0.8	>50.0	6.5	1.64	2.0	82.5	0.8	36.0	3.5	1.64	2.0

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MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.5	0.3	1.0	0.5	0.02	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	1.0	0.3	2.0	0.5	0.04	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	1.3	0.3	2.5	0.5	0.05	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	8.8	0.3	7.5	1.5	0.12	1.0	0.5	0.3	1.0	0.5	0.12	1.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	40.5	0.3	16.0	3.5	0.24	1.0	1.3	0.3	2.5	0.5	0.24	1.0	0.5	0.3	1.0	0.5	0.24	1.0
15000.	472.6	0.3	>50.0	9.5	0.73	1.0	12.0	0.3	9.0	1.5	0.73	1.0	2.0	0.3	4.0	0.5	0.73	1.0
25000.	820.9	0.3	>50.0	16.5	1.21	1.0	40.5	0.3	16.0	3.5	1.21	1.0	8.8	0.3	7.5	1.5	1.21	1.0
35000.	1019.9	0.3	>50.0	20.5	1.70	1.0	80.0	0.3	23.0	4.5	1.70	1.0	19.3	0.3	10.5	2.5	1.70	1.0
50000.	1169.1	0.3	>50.0	23.5	2.42	1.0	169.8	0.3	34.5	6.5	2.42	1.0	40.5	0.3	16.0	3.5	2.42	1.0
75000.	1368.1	0.3	>50.0	27.5	3.63	1.0	472.6	0.3	>50.0	9.5	3.63	1.0	90.5	0.3	25.0	4.5	3.63	1.0
100000.	1467.6	0.3	>50.0	29.5	4.85	1.0	621.9	0.3	>50.0	12.5	4.85	1.0	169.8	0.3	34.5	6.5	4.85	1.0

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MIXING HEIGHT..... 750.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	1.0	3.8	2.0	0.5	0.02	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	17.0	1.8	14.0	1.5	0.06	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	81.3	1.3	35.5	3.5	0.12	4.0	1.0	3.8	2.0	0.5	0.12	4.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	463.1	1.3	>50.0	9.5	0.35	4.0	22.0	1.8	17.0	1.5	0.35	4.0	3.8	2.3	7.5	0.5	0.35	4.0
25000.	560.6	1.3	>50.0	11.5	0.58	4.0	81.3	1.3	35.5	3.5	0.58	4.0	17.0	1.8	14.0	1.5	0.58	4.0
35000.	664.9	0.8	>50.0	13.5	0.81	4.0	219.4	1.3	>50.0	4.5	0.81	4.0	32.8	1.8	19.5	2.5	0.81	4.0
50000.	714.1	0.8	>50.0	14.5	1.16	4.0	316.9	1.3	>50.0	6.5	1.16	4.0	81.3	1.3	35.5	3.5	1.16	4.0
75000.	763.4	0.8	>50.0	15.5	1.74	4.0	463.1	1.3	>50.0	9.5	1.74	4.0	219.4	1.3	>50.0	4.5	1.74	4.0
100000.	812.6	0.8	>50.0	16.5	2.32	4.0	511.9	1.3	>50.0	10.5	2.32	4.0	316.9	1.3	>50.0	6.5	2.32	4.0

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MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	0.0	0.0	0.0	0.0	0.0	0.0
50.	0.3	0.3	0.5	0.5	0.03	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
100.	0.3	0.3	0.5	0.5	0.07	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
250.	0.8	0.3	1.5	0.5	0.17	0.5	0.3	0.3	0.5	0.5	0.17	0.5	0.0	0.0	0.0	0.0	0.0	0.0
500.	1.3	0.3	2.5	0.5	0.33	0.5	0.3	0.3	0.5	0.5	0.33	0.5	0.3	0.3	0.5	0.5	0.33	0.5
750.	10.0	0.3	8.0	1.5	0.50	0.5	0.5	0.3	1.0	0.5	0.50	0.5	0.3	0.3	0.5	0.5	0.50	0.5
1000.	21.8	0.3	11.5	2.5	0.66	0.5	0.8	0.3	1.5	0.5	0.66	0.5	0.3	0.3	0.5	0.5	0.66	0.5
2500.	129.5	0.3	30.0	5.5	1.65	0.5	1.3	0.3	2.5	0.5	1.65	0.5	0.8	0.3	1.5	0.5	1.65	0.5
5000.	572.1	0.3	>50.0	11.5	3.30	0.5	21.8	0.3	11.5	2.5	3.30	0.5	1.3	0.3	2.5	0.5	3.30	0.5
15000.	1169.1	0.3	>50.0	23.5	9.91	0.5	182.5	0.3	35.0	7.5	9.91	0.5	47.5	0.3	18.0	3.5	9.91	0.5
25000.	1368.1	0.3	>50.0	27.5	16.52	0.5	572.1	0.3	>50.0	11.5	16.52	0.5	129.5	0.3	30.0	5.5	16.52	0.5
35000.	1517.4	0.3	>50.0	30.5	23.13	0.5	721.4	0.3	>50.0	14.5	23.13	0.5	245.8	0.3	40.5	8.5	23.13	0.5

56

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
20.	0.5	0.3	1.0	0.5	0.07	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
50.	1.0	0.3	2.0	0.5	0.18	0.5	0.3	0.3	0.5	0.5	0.18	0.5	0.0	0.0	0.0	0.0	0.0	0.0
100.	1.8	0.3	3.5	0.5	0.37	0.5	0.5	0.3	1.0	0.5	0.37	0.5	0.3	0.3	0.5	0.5	0.37	0.5
250.	3.5	0.3	7.0	0.5	0.92	0.5	1.0	0.3	2.0	0.5	0.92	0.5	0.8	0.3	1.5	0.5	0.92	0.5
500.	13.5	0.3	12.0	1.5	1.85	0.5	1.8	0.3	3.5	0.5	1.85	0.5	1.0	0.3	2.0	0.5	1.85	0.5
750.	21.8	0.3	16.5	1.5	2.77	0.5	2.5	0.3	5.0	0.5	2.77	0.5	1.5	0.3	3.0	0.5	2.77	0.5
1000.	38.8	0.3	21.5	2.5	3.69	0.5	3.0	0.3	6.0	0.5	3.69	0.5	1.8	0.3	3.5	0.5	3.69	0.5
2500.	163.8	0.3	46.5	4.5	9.23	0.5	13.5	0.3	12.0	1.5	9.23	0.5	3.5	0.3	7.0	0.5	9.23	0.5
5000.	373.1	0.3	>50.0	7.5	18.47	0.5	38.8	0.3	21.5	2.5	18.47	0.5	13.5	0.3	12.0	1.5	18.47	0.5
15000.	671.6	0.3	>50.0	13.5	55.40	0.5	273.6	0.3	>50.0	5.5	55.40	0.5	72.3	0.3	30.5	3.5	55.40	0.5
25000.	771.1	0.3	>50.0	15.5	92.33	0.5	373.1	0.3	>50.0	7.5	92.33	0.5	163.8	0.3	46.5	4.5	92.33	0.5
35000.	820.9	0.3	>50.0	16.5	129.26	0.5	472.6	0.3	>50.0	9.5	129.26	0.5	323.4	0.3	>50.0	6.5	129.26	0.5

57

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	0.0	0.0	0.0	0.0	0.0	0.0
50.	0.3	0.3	0.5	0.5	0.03	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
100.	0.3	0.3	0.5	0.5	0.06	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
250.	0.8	0.3	1.5	0.5	0.14	0.5	0.3	0.3	0.5	0.5	0.14	0.5	0.0	0.0	0.0	0.0	0.0	0.0
500.	1.3	0.3	2.5	0.5	0.28	0.5	0.3	0.3	0.5	0.5	0.28	0.5	0.3	0.3	0.5	0.5	0.28	0.5
750.	10.0	0.3	8.0	1.5	0.42	0.5	0.5	0.3	1.0	0.5	0.42	0.5	0.3	0.3	0.5	0.5	0.42	0.5
1000.	21.8	0.3	11.5	2.5	0.56	0.5	0.8	0.3	1.5	0.5	0.56	0.5	0.3	0.3	0.5	0.5	0.56	0.5
2500.	129.5	0.3	30.0	5.5	1.39	0.5	1.3	0.3	2.5	0.5	1.39	0.5	0.8	0.3	1.5	0.5	1.39	0.5
5000.	572.1	0.3	>50.0	11.5	2.78	0.5	21.8	0.3	11.5	2.5	2.78	0.5	1.3	0.3	2.5	0.5	2.78	0.5
15000.	1169.1	0.3	>50.0	23.5	8.35	0.5	182.5	0.3	35.0	7.5	8.35	0.5	47.5	0.3	18.0	3.5	8.35	0.5
25000.	1368.1	0.3	>50.0	27.5	13.92	0.5	572.1	0.3	>50.0	11.5	13.92	0.5	129.5	0.3	30.0	5.5	13.92	0.5
35000.	1517.4	0.3	>50.0	30.5	19.49	0.5	721.4	0.3	>50.0	14.5	19.49	0.5	245.8	0.3	40.5	8.5	19.49	0.5
50000.	1616.9	0.3	>50.0	32.5	27.85	0.5	920.4	0.3	>50.0	18.5	27.85	0.5	572.1	0.3	>50.0	11.5	27.85	0.5

58

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	0.0	0.0	0.0	0.0	0.0	0.0
50.	1.0	0.3	2.0	0.5	0.04	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
100.	1.8	0.3	3.5	0.5	0.08	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
250.	3.3	0.3	6.5	0.5	0.20	0.5	1.0	0.3	2.0	0.5	0.20	0.5	0.0	0.0	0.0	0.0	0.0	0.0
500.	13.5	0.3	12.0	1.5	0.40	0.5	1.8	0.3	3.5	0.5	0.40	0.5	1.0	0.3	2.0	0.5	0.40	0.5
750.	22.0	0.3	17.0	1.5	0.60	0.5	2.3	0.3	4.5	0.5	0.60	0.5	1.3	0.3	2.5	0.5	0.60	0.5
1000.	40.5	0.3	22.0	2.5	0.79	0.5	2.8	0.3	5.5	0.5	0.79	0.5	1.8	0.3	3.5	0.5	0.79	0.5
2500.	167.5	0.3	48.0	4.5	1.98	0.5	13.5	0.3	12.0	1.5	1.98	0.5	3.3	0.3	6.5	0.5	1.98	0.5
5000.	422.9	0.3	>50.0	8.5	3.97	0.5	40.5	0.3	22.0	2.5	3.97	0.5	13.5	0.3	12.0	1.5	3.97	0.5
15000.	671.6	0.3	>50.0	13.5	11.91	0.5	273.6	0.3	>50.0	5.5	11.91	0.5	76.3	0.3	31.5	3.5	11.91	0.5
25000.	771.1	0.3	>50.0	15.5	19.84	0.5	422.9	0.3	>50.0	8.5	19.84	0.5	167.5	0.3	48.0	4.5	19.84	0.5
35000.	820.9	0.3	>50.0	16.5	27.78	0.5	472.6	0.3	>50.0	9.5	27.78	0.5	323.4	0.3	>50.0	6.5	27.78	0.5
50000.	870.6	0.3	>50.0	17.5	39.69	0.5	572.1	0.3	>50.0	11.5	39.69	0.5	422.9	0.3	>50.0	8.5	39.69	0.5

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MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
100.	0.3	0.3	0.5	0.5	0.03	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
250.	0.8	0.3	1.5	0.5	0.08	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
500.	4.0	0.3	5.0	1.5	0.16	0.5	0.3	0.3	0.5	0.5	0.16	0.5	0.0	0.0	0.0	0.0	0.0	0.0
750.	10.5	0.3	8.0	1.5	0.24	0.5	0.5	0.3	1.0	0.5	0.24	0.5	0.3	0.3	0.5	0.5	0.24	0.5
1000.	21.8	0.3	11.5	2.5	0.32	0.5	0.8	0.3	1.5	0.5	0.32	0.5	0.3	0.3	0.5	0.5	0.32	0.5
2500.	130.0	0.3	30.0	5.5	0.79	0.5	4.0	0.3	5.0	1.5	0.79	0.5	0.8	0.3	1.5	0.5	0.79	0.5
5000.	572.1	0.3	>50.0	11.5	1.59	0.5	21.8	0.3	11.5	2.5	1.59	0.5	4.0	0.3	5.0	1.5	1.59	0.5
15000.	1169.1	0.3	>50.0	23.5	4.76	0.5	182.5	0.3	35.0	7.5	4.76	0.5	48.0	0.3	18.0	3.5	4.76	0.5
25000.	1368.1	0.3	>50.0	27.5	7.93	0.5	572.1	0.3	>50.0	11.5	7.93	0.5	130.0	0.3	30.0	5.5	7.93	0.5
35000.	1517.4	0.3	>50.0	30.5	11.10	0.5	721.4	0.3	>50.0	14.5	11.10	0.5	245.8	0.3	40.5	8.5	11.10	0.5
50000.	1616.9	0.3	>50.0	32.5	15.86	0.5	920.4	0.3	>50.0	18.5	15.86	0.5	572.1	0.3	>50.0	11.5	15.86	0.5

60

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	2.8	0.8	5.5	0.5	0.04	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	11.3	0.8	11.5	1.5	0.08	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	22.0	0.8	17.0	1.5	0.12	2.0	1.0	1.3	2.0	0.5	0.12	2.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	40.3	0.8	22.5	2.5	0.16	2.0	1.8	1.3	3.5	0.5	0.16	2.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	270.9	0.8	>50.0	5.5	0.40	2.0	11.3	0.8	11.5	1.5	0.40	2.0	2.8	0.8	5.5	0.5	0.40	2.0
5000.	522.4	0.3	>50.0	10.5	0.81	2.0	40.3	0.8	22.5	2.5	0.81	2.0	11.3	0.8	11.5	1.5	0.81	2.0
15000.	721.4	0.3	>50.0	14.5	2.42	2.0	369.4	0.8	>50.0	7.5	2.42	2.0	80.5	0.8	32.0	3.5	2.42	2.0
25000.	820.9	0.3	>50.0	16.5	4.04	2.0	522.4	0.3	>50.0	10.5	4.04	2.0	270.9	0.8	>50.0	5.5	4.04	2.0
35000.	870.6	0.3	>50.0	17.5	5.65	2.0	572.1	0.3	>50.0	11.5	5.65	2.0	418.6	0.8	>50.0	8.5	5.65	2.0
50000.	920.4	0.3	>50.0	18.5	8.08	2.0	671.6	0.3	>50.0	13.5	8.08	2.0	522.4	0.3	>50.0	10.5	8.08	2.0

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MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.8	0.3	1.5	0.5	0.04	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	4.0	0.3	5.0	1.5	0.09	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	10.5	0.3	8.0	1.5	0.13	1.0	0.5	0.3	1.0	0.5	0.13	1.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	21.8	0.3	11.5	2.5	0.17	1.0	0.8	0.3	1.5	0.5	0.17	1.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	130.0	0.3	30.0	5.5	0.43	1.0	4.0	0.3	5.0	1.5	0.43	1.0	0.8	0.3	1.5	0.5	0.43	1.0
5000.	572.1	0.3	>50.0	11.5	0.86	1.0	21.8	0.3	11.5	2.5	0.86	1.0	4.0	0.3	5.0	1.5	0.86	1.0
15000.	1169.1	0.3	>50.0	23.5	2.59	1.0	182.5	0.3	35.0	7.5	2.59	1.0	48.0	0.3	18.0	3.5	2.59	1.0
25000.	1368.1	0.3	>50.0	27.5	4.31	1.0	572.1	0.3	>50.0	11.5	4.31	1.0	130.0	0.3	30.0	5.5	4.31	1.0
35000.	1517.4	0.3	>50.0	30.5	6.03	1.0	721.4	0.3	>50.0	14.5	6.03	1.0	245.8	0.3	40.5	8.5	6.03	1.0
50000.	1616.9	0.3	>50.0	32.5	8.62	1.0	920.4	0.3	>50.0	18.5	8.62	1.0	572.1	0.3	>50.0	11.5	8.62	1.0
75000.	1766.1	0.3	>50.0	35.5	12.93	1.0	1169.1	0.3	>50.0	23.5	12.93	1.0	771.1	0.3	>50.0	15.5	12.93	1.0
100000.	1865.6	0.3	>50.0	37.5	17.24	1.0	1268.6	0.3	>50.0	25.5	17.24	1.0	920.4	0.3	>50.0	18.5	17.24	1.0

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MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	6.0	2.3	9.0	1.5	0.03	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	20.5	1.8	16.0	1.5	0.05	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	39.5	1.8	22.0	2.5	0.07	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	316.9	1.3	>50.0	6.5	0.16	4.5	6.0	2.3	9.0	1.5	0.16	4.5	0.0	0.0	0.0	0.0	0.0	0.0
5000.	511.9	1.3	>50.0	10.5	0.33	4.5	39.5	1.8	22.0	2.5	0.33	4.5	6.0	2.3	9.0	1.5	0.33	4.5
15000.	714.1	0.8	>50.0	14.5	0.99	4.5	365.6	1.3	>50.0	7.5	0.99	4.5	81.5	1.3	32.0	3.5	0.99	4.5
25000.	812.6	0.8	>50.0	16.5	1.65	4.5	511.9	1.3	>50.0	10.5	1.65	4.5	316.9	1.3	>50.0	6.5	1.65	4.5
35000.	861.9	0.8	>50.0	17.5	2.31	4.5	566.4	0.8	>50.0	11.5	2.31	4.5	414.4	1.3	>50.0	8.5	2.31	4.5
50000.	911.1	0.8	>50.0	18.5	3.29	4.5	664.9	0.8	>50.0	13.5	3.29	4.5	511.9	1.3	>50.0	10.5	3.29	4.5
75000.	960.4	0.8	>50.0	19.5	4.94	4.5	714.1	0.8	>50.0	14.5	4.94	4.5	615.6	0.8	>50.0	12.5	4.94	4.5
100000.	1009.6	0.8	>50.0	20.5	6.59	4.5	763.4	0.8	>50.0	15.5	6.59	4.5	664.9	0.8	>50.0	13.5	6.59	4.5

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MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.8	0.3	1.5	0.5	0.04	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	4.5	0.3	5.0	1.5	0.08	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	10.5	0.3	8.0	1.5	0.13	1.0	0.3	0.8	0.5	0.5	0.13	1.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	21.8	0.3	11.5	2.5	0.17	1.0	0.5	0.8	1.0	0.5	0.17	1.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	130.5	0.3	30.0	5.5	0.42	1.0	4.5	0.3	5.0	1.5	0.42	1.0	0.8	0.3	1.5	0.5	0.42	1.0
5000.	572.1	0.3	>50.0	11.5	0.84	1.0	21.8	0.3	11.5	2.5	0.84	1.0	4.5	0.3	5.0	1.5	0.84	1.0
15000.	1169.1	0.3	>50.0	23.5	2.52	1.0	183.0	0.3	35.0	7.5	2.52	1.0	48.0	0.3	18.0	3.5	2.52	1.0
25000.	1368.1	0.3	>50.0	27.5	4.21	1.0	572.1	0.3	>50.0	11.5	4.21	1.0	130.5	0.3	30.0	5.5	4.21	1.0
35000.	1517.4	0.3	>50.0	30.5	5.89	1.0	721.4	0.3	>50.0	14.5	5.89	1.0	245.8	0.3	40.5	8.5	5.89	1.0
50000.	1616.9	0.3	>50.0	32.5	8.41	1.0	920.4	0.3	>50.0	18.5	8.41	1.0	572.1	0.3	>50.0	11.5	8.41	1.0
75000.	1766.1	0.3	>50.0	35.5	12.62	1.0	1169.1	0.3	>50.0	23.5	12.62	1.0	771.1	0.3	>50.0	15.5	12.62	1.0
100000.	1865.6	0.3	>50.0	37.5	16.82	1.0	1268.6	0.3	>50.0	25.5	16.82	1.0	920.4	0.3	>50.0	18.5	16.82	1.0

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MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	3.8	3.8	7.5	0.5	0.03	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	19.5	2.8	15.0	1.5	0.04	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	38.5	2.8	21.0	2.5	0.06	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	313.6	1.8	>50.0	6.5	0.14	6.0	3.8	3.8	7.5	0.5	0.14	6.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	506.6	1.8	>50.0	10.5	0.28	6.0	38.5	2.8	21.0	2.5	0.28	6.0	3.8	3.8	7.5	0.5	0.28	6.0
15000.	706.9	1.3	>50.0	14.5	0.84	6.0	361.9	1.8	>50.0	7.5	0.84	6.0	81.8	2.3	31.5	3.5	0.84	6.0
25000.	804.4	1.3	>50.0	16.5	1.41	6.0	506.6	1.8	>50.0	10.5	1.41	6.0	313.6	1.8	>50.0	6.5	1.41	6.0
35000.	853.1	1.3	>50.0	17.5	1.97	6.0	554.9	1.8	>50.0	11.5	1.97	6.0	410.1	1.8	>50.0	8.5	1.97	6.0
50000.	901.9	1.3	>50.0	18.5	2.81	6.0	651.4	1.8	>50.0	13.5	2.81	6.0	506.6	1.8	>50.0	10.5	2.81	6.0
75000.	950.6	1.3	>50.0	19.5	4.22	6.0	706.9	1.3	>50.0	14.5	4.22	6.0	603.1	1.8	>50.0	12.5	4.22	6.0
100000.	999.4	1.3	>50.0	20.5	5.62	6.0	755.6	1.3	>50.0	15.5	5.62	6.0	651.4	1.8	>50.0	13.5	5.62	6.0

65

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.	0.3	0.3	0.5	0.5	0.03	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
250.	0.3	0.3	0.5	0.5	0.07	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
500.	0.5	0.3	1.0	0.5	0.13	0.5	0.3	0.3	0.5	0.5	0.13	0.5	0.0	0.0	0.0	0.0	0.0	0.0
750.	1.3	0.3	2.5	0.5	0.20	0.5	0.3	0.3	0.5	0.5	0.20	0.5	0.0	0.0	0.0	0.0	0.0	0.0
1000.	2.0	0.3	4.0	0.5	0.27	0.5	0.3	0.3	0.5	0.5	0.27	0.5	0.3	0.3	0.5	0.5	0.27	0.5
2500.	21.8	0.3	11.5	2.5	0.66	0.5	0.5	0.3	1.0	0.5	0.66	0.5	0.3	0.3	0.5	0.5	0.66	0.5
5000.	90.0	0.3	25.0	4.5	1.33	0.5	2.0	0.3	4.0	0.5	1.33	0.5	0.5	0.3	1.0	0.5	1.33	0.5
15000.	721.4	0.3	>50.0	14.5	3.98	0.5	29.5	0.3	14.0	2.5	3.98	0.5	7.3	0.3	6.5	1.5	3.98	0.5
25000.	1069.6	0.3	>50.0	21.5	6.63	0.5	90.0	0.3	25.0	4.5	6.63	0.5	21.8	0.3	11.5	2.5	6.63	0.5
35000.	1218.9	0.3	>50.0	24.5	9.28	0.5	185.3	0.3	36.5	6.5	9.28	0.5	43.5	0.3	17.0	3.5	9.28	0.5

66

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
20.	0.3	0.3	0.5	0.5	0.03	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
50.	0.5	0.3	1.0	0.5	0.07	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
100.	1.0	0.3	2.0	0.5	0.15	0.5	0.3	0.3	0.5	0.5	0.15	0.5	0.0	0.0	0.0	0.0	0.0	0.0
250.	1.8	0.3	3.5	0.5	0.37	0.5	0.5	0.3	1.0	0.5	0.37	0.5	0.3	0.3	0.5	0.5	0.37	0.5
500.	3.0	0.3	6.0	0.5	0.74	0.5	1.0	0.3	2.0	0.5	0.74	0.5	0.5	0.3	1.0	0.5	0.74	0.5
750.	5.0	0.3	8.0	1.5	1.11	0.5	1.3	0.3	2.5	0.5	1.11	0.5	0.8	0.3	1.5	0.5	1.11	0.5
1000.	10.0	0.3	10.0	1.5	1.48	0.5	1.5	0.3	3.0	0.5	1.48	0.5	1.0	0.3	2.0	0.5	1.48	0.5
2500.	48.8	0.3	26.5	2.5	3.71	0.5	3.0	0.3	6.0	0.5	3.71	0.5	1.8	0.3	3.5	0.5	3.71	0.5
5000.	223.9	0.3	>50.0	4.5	7.42	0.5	10.0	0.3	10.0	1.5	7.42	0.5	3.0	0.3	6.0	0.5	7.42	0.5
15000.	522.4	0.3	>50.0	10.5	22.26	0.5	66.8	0.3	31.5	2.5	22.26	0.5	16.3	0.3	13.5	1.5	22.26	0.5
25000.	671.6	0.3	>50.0	13.5	37.10	0.5	223.9	0.3	>50.0	4.5	37.10	0.5	48.8	0.3	26.5	2.5	37.10	0.5
35000.	721.4	0.3	>50.0	14.5	51.94	0.5	323.4	0.3	>50.0	6.5	51.94	0.5	92.5	0.3	37.0	3.5	51.94	0.5

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MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.	0.3	0.3	0.5	0.5	0.02	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
250.	0.3	0.3	0.5	0.5	0.06	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
500.	0.5	0.3	1.0	0.5	0.11	0.5	0.3	0.3	0.5	0.5	0.11	0.5	0.0	0.0	0.0	0.0	0.0	0.0
750.	1.3	0.3	2.5	0.5	0.17	0.5	0.3	0.3	0.5	0.5	0.17	0.5	0.0	0.0	0.0	0.0	0.0	0.0
1000.	2.0	0.3	4.0	0.5	0.23	0.5	0.3	0.3	0.5	0.5	0.23	0.5	0.3	0.3	0.5	0.5	0.23	0.5
2500.	21.8	0.3	11.5	2.5	0.57	0.5	0.5	0.3	1.0	0.5	0.57	0.5	0.3	0.3	0.5	0.5	0.57	0.5
5000.	90.0	0.3	25.0	4.5	1.14	0.5	2.0	0.3	4.0	0.5	1.14	0.5	0.5	0.3	1.0	0.5	1.14	0.5
15000.	721.4	0.3	>50.0	14.5	3.41	0.5	29.5	0.3	14.0	2.5	3.41	0.5	7.3	0.3	6.5	1.5	3.41	0.5
25000.	1069.6	0.3	>50.0	21.5	5.69	0.5	90.0	0.3	25.0	4.5	5.69	0.5	21.8	0.3	11.5	2.5	5.69	0.5
35000.	1218.9	0.3	>50.0	24.5	7.97	0.5	185.3	0.3	36.5	6.5	7.97	0.5	43.5	0.3	17.0	3.5	7.97	0.5
50000.	1368.1	0.3	>50.0	27.5	11.38	0.5	472.6	0.3	>50.0	9.5	11.38	0.5	90.0	0.3	25.0	4.5	11.38	0.5

68

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.	0.8	0.3	1.5	0.5	0.03	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	1.8	0.3	3.5	0.5	0.08	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	2.8	0.3	5.5	0.5	0.16	1.0	0.8	0.3	1.5	0.5	0.16	1.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	3.8	0.3	7.5	0.5	0.24	1.0	1.0	0.3	2.0	0.5	0.24	1.0	0.5	0.3	1.0	0.5	0.24	1.0
1000.	9.3	0.3	9.5	1.5	0.32	1.0	1.5	0.3	3.0	0.5	0.32	1.0	0.8	0.3	1.5	0.5	0.32	1.0
2500.	48.8	0.3	26.5	2.5	0.79	1.0	2.8	0.3	5.5	0.5	0.79	1.0	1.8	0.3	3.5	0.5	0.79	1.0
5000.	223.9	0.3	>50.0	4.5	1.59	1.0	9.3	0.3	9.5	1.5	1.59	1.0	2.8	0.3	5.5	0.5	1.59	1.0
15000.	522.4	0.3	>50.0	10.5	4.76	1.0	66.8	0.3	31.5	2.5	4.76	1.0	16.3	0.3	13.5	1.5	4.76	1.0
25000.	671.6	0.3	>50.0	13.5	7.93	1.0	223.9	0.3	>50.0	4.5	7.93	1.0	48.8	0.3	26.5	2.5	7.93	1.0
35000.	721.4	0.3	>50.0	14.5	11.11	1.0	323.4	0.3	>50.0	6.5	11.11	1.0	94.5	0.3	37.0	3.5	11.11	1.0
50000.	771.1	0.3	>50.0	15.5	15.86	1.0	422.9	0.3	>50.0	8.5	15.86	1.0	223.9	0.3	>50.0	4.5	15.86	1.0

69

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	0.3	0.3	0.5	0.5	0.03	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
500.	0.8	0.3	1.5	0.5	0.07	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
750.	1.5	0.3	3.0	0.5	0.10	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
1000.	2.0	0.3	4.0	0.5	0.13	0.5	0.3	0.3	0.5	0.5	0.13	0.5	0.0	0.0	0.0	0.0	0.0	0.0
2500.	21.8	0.3	11.5	2.5	0.33	0.5	0.8	0.3	1.5	0.5	0.33	0.5	0.3	0.3	0.5	0.5	0.33	0.5
5000.	90.0	0.3	25.0	4.5	0.66	0.5	2.0	0.3	4.0	0.5	0.66	0.5	0.8	0.3	1.5	0.5	0.66	0.5
15000.	721.4	0.3	>50.0	14.5	1.99	0.5	29.5	0.3	14.0	2.5	1.99	0.5	7.3	0.3	6.5	1.5	1.99	0.5
25000.	1069.6	0.3	>50.0	21.5	3.31	0.5	90.0	0.3	25.0	4.5	3.31	0.5	21.8	0.3	11.5	2.5	3.31	0.5
35000.	1218.9	0.3	>50.0	24.5	4.63	0.5	185.3	0.3	36.5	6.5	4.63	0.5	44.0	0.3	17.0	3.5	4.63	0.5
50000.	1368.1	0.3	>50.0	27.5	6.62	0.5	472.6	0.3	>50.0	9.5	6.62	0.5	90.0	0.3	25.0	4.5	6.62	0.5

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MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	1.8	1.3	3.5	0.5	0.03	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	3.0	0.8	6.0	0.5	0.05	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	4.3	0.8	8.5	0.5	0.06	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	44.0	0.8	24.0	2.5	0.16	2.0	1.8	1.3	3.5	0.5	0.16	2.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	221.6	0.8	>50.0	4.5	0.32	2.0	4.3	0.8	8.5	0.5	0.32	2.0	1.8	1.3	3.5	0.5	0.32	2.0
15000.	566.4	0.8	>50.0	11.5	0.97	2.0	63.0	0.8	31.0	2.5	0.97	2.0	16.8	0.8	14.5	1.5	0.97	2.0
25000.	671.6	0.3	>50.0	13.5	1.62	2.0	221.6	0.8	>50.0	4.5	1.62	2.0	44.0	0.8	24.0	2.5	1.62	2.0
35000.	721.4	0.3	>50.0	14.5	2.26	2.0	320.1	0.8	>50.0	6.5	2.26	2.0	92.3	0.8	36.5	3.5	2.26	2.0
50000.	771.1	0.3	>50.0	15.5	3.23	2.0	467.9	0.8	>50.0	9.5	3.23	2.0	221.6	0.8	>50.0	4.5	3.23	2.0

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MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.8	0.3	1.5	0.5	0.03	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	1.5	0.3	3.0	0.5	0.05	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	2.0	0.3	4.0	0.5	0.06	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	21.8	0.3	11.5	2.5	0.15	1.0	0.8	0.3	1.5	0.5	0.15	1.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	89.5	0.3	25.0	4.5	0.30	1.0	2.0	0.3	4.0	0.5	0.30	1.0	0.8	0.3	1.5	0.5	0.30	1.0
15000.	721.4	0.3	>50.0	14.5	0.90	1.0	29.5	0.3	14.0	2.5	0.90	1.0	7.3	0.3	6.5	1.5	0.90	1.0
25000.	1069.6	0.3	>50.0	21.5	1.50	1.0	89.5	0.3	25.0	4.5	1.50	1.0	21.8	0.3	11.5	2.5	1.50	1.0
35000.	1218.9	0.3	>50.0	24.5	2.11	1.0	185.3	0.3	36.5	6.5	2.11	1.0	44.0	0.3	17.0	3.5	2.11	1.0
50000.	1368.1	0.3	>50.0	27.5	3.01	1.0	472.6	0.3	>50.0	9.5	3.01	1.0	89.5	0.3	25.0	4.5	3.01	1.0
75000.	1517.4	0.3	>50.0	30.5	4.51	1.0	721.4	0.3	>50.0	14.5	4.51	1.0	217.5	0.3	39.0	7.5	4.51	1.0
100000.	1616.9	0.3	>50.0	32.5	6.02	1.0	920.4	0.3	>50.0	18.5	6.02	1.0	472.6	0.3	>50.0	9.5	6.02	1.0

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MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	2.3	2.8	4.5	0.5	0.02	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	43.5	1.8	23.0	2.5	0.06	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	219.4	1.3	>50.0	4.5	0.12	4.0	2.3	2.8	4.5	0.5	0.12	4.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	560.6	1.3	>50.0	11.5	0.37	4.0	56.3	1.8	27.5	2.5	0.37	4.0	14.3	1.8	13.5	1.5	0.37	4.0
25000.	664.9	0.8	>50.0	13.5	0.61	4.0	219.4	1.3	>50.0	4.5	0.61	4.0	43.5	1.8	23.0	2.5	0.61	4.0
35000.	714.1	0.8	>50.0	14.5	0.86	4.0	316.9	1.3	>50.0	6.5	0.86	4.0	87.3	1.3	35.5	3.5	0.86	4.0
50000.	763.4	0.8	>50.0	15.5	1.23	4.0	463.1	1.3	>50.0	9.5	1.23	4.0	219.4	1.3	>50.0	4.5	1.23	4.0
75000.	861.9	0.8	>50.0	17.5	1.84	4.0	560.6	1.3	>50.0	11.5	1.84	4.0	365.6	1.3	>50.0	7.5	1.84	4.0
100000.	861.9	0.8	>50.0	17.5	2.46	4.0	609.4	1.3	>50.0	12.5	2.46	4.0	463.1	1.3	>50.0	9.5	2.46	4.0

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MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.5	0.8	1.0	0.5	0.04	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	1.3	0.8	2.5	0.5	0.05	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	2.0	0.3	4.0	0.5	0.07	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	21.8	0.3	11.5	2.5	0.18	1.0	0.5	0.8	1.0	0.5	0.18	1.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	90.5	0.3	25.0	4.5	0.36	1.0	2.0	0.3	4.0	0.5	0.36	1.0	0.5	0.8	1.0	0.5	0.36	1.0
15000.	721.4	0.3	>50.0	14.5	1.07	1.0	29.5	0.3	14.0	2.5	1.07	1.0	7.3	0.3	6.5	1.5	1.07	1.0
25000.	1069.6	0.3	>50.0	21.5	1.79	1.0	90.5	0.3	25.0	4.5	1.79	1.0	21.8	0.3	11.5	2.5	1.79	1.0
35000.	1218.9	0.3	>50.0	24.5	2.51	1.0	185.3	0.3	36.5	6.5	2.51	1.0	44.0	0.3	17.0	3.5	2.51	1.0
50000.	1368.1	0.3	>50.0	27.5	3.58	1.0	472.6	0.3	>50.0	9.5	3.58	1.0	90.5	0.3	25.0	4.5	3.58	1.0
75000.	1517.4	0.3	>50.0	30.5	5.37	1.0	721.4	0.3	>50.0	14.5	5.37	1.0	217.5	0.3	39.0	7.5	5.37	1.0
100000.	1616.9	0.3	>50.0	32.5	7.16	1.0	920.4	0.3	>50.0	18.5	7.16	1.0	472.6	0.3	>50.0	9.5	7.16	1.0

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MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	1.3	6.3	2.5	0.5	0.02	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	40.5	2.8	22.0	2.5	0.06	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	214.9	2.3	>50.0	4.5	0.11	6.5	1.3	6.3	2.5	0.5	0.11	6.5	0.0	0.0	0.0	0.0	0.0	0.0
15000.	554.9	1.8	>50.0	11.5	0.34	6.5	54.8	2.8	26.5	2.5	0.34	6.5	12.8	3.8	11.5	1.5	0.34	6.5
25000.	651.4	1.8	>50.0	13.5	0.56	6.5	214.9	2.3	>50.0	4.5	0.56	6.5	40.5	2.8	22.0	2.5	0.56	6.5
35000.	699.6	1.8	>50.0	14.5	0.79	6.5	310.4	2.3	>50.0	6.5	0.79	6.5	77.8	2.8	30.5	3.5	0.79	6.5
50000.	755.6	1.3	>50.0	15.5	1.13	6.5	458.4	1.8	>50.0	9.5	1.13	6.5	214.9	2.3	>50.0	4.5	1.13	6.5
75000.	853.1	1.3	>50.0	17.5	1.69	6.5	554.9	1.8	>50.0	11.5	1.69	6.5	358.1	2.3	>50.0	7.5	1.69	6.5
100000.	853.1	1.3	>50.0	17.5	2.26	6.5	603.1	1.8	>50.0	12.5	2.26	6.5	458.4	1.8	>50.0	9.5	2.26	6.5

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MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	0.3	0.3	0.5	0.5	0.03	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
500.	0.3	0.3	0.5	0.5	0.07	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
750.	0.5	0.3	1.0	0.5	0.10	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
1000.	0.5	0.3	1.0	0.5	0.13	0.5	0.3	0.3	0.5	0.5	0.13	0.5	0.0	0.0	0.0	0.0	0.0	0.0
2500.	5.3	0.3	5.5	1.5	0.33	0.5	0.3	0.3	0.5	0.5	0.33	0.5	0.3	0.3	0.5	0.5	0.33	0.5
5000.	21.8	0.3	11.5	2.5	0.66	0.5	0.5	0.3	1.0	0.5	0.66	0.5	0.3	0.3	0.5	0.5	0.66	0.5
15000.	217.5	0.3	39.0	7.5	1.99	0.5	7.3	0.3	6.5	1.5	1.99	0.5	1.3	0.3	2.5	0.5	1.99	0.5
25000.	621.9	0.3	>50.0	12.5	3.31	0.5	21.8	0.3	11.5	2.5	3.31	0.5	5.3	0.3	5.5	1.5	3.31	0.5
35000.	820.9	0.3	>50.0	16.5	4.64	0.5	43.5	0.3	17.0	3.5	4.64	0.5	9.3	0.3	7.5	1.5	4.64	0.5

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MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	0.0	0.0	0.0	0.0	0.0	0.0
50.	0.3	0.3	0.5	0.5	0.04	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
100.	0.5	0.3	1.0	0.5	0.07	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
250.	1.0	0.3	2.0	0.5	0.19	0.5	0.3	0.3	0.5	0.5	0.19	0.5	0.0	0.0	0.0	0.0	0.0	0.0
500.	1.8	0.3	3.5	0.5	0.37	0.5	0.5	0.3	1.0	0.5	0.37	0.5	0.3	0.3	0.5	0.5	0.37	0.5
750.	2.5	0.3	5.0	0.5	0.56	0.5	0.8	0.3	1.5	0.5	0.56	0.5	0.5	0.3	1.0	0.5	0.56	0.5
1000.	3.0	0.3	6.0	0.5	0.74	0.5	1.0	0.3	2.0	0.5	0.74	0.5	0.5	0.3	1.0	0.5	0.74	0.5
2500.	13.3	0.3	11.5	1.5	1.86	0.5	1.8	0.3	3.5	0.5	1.86	0.5	1.0	0.3	2.0	0.5	1.86	0.5
5000.	48.8	0.3	26.5	2.5	3.71	0.5	3.0	0.3	6.0	0.5	3.71	0.5	1.8	0.3	3.5	0.5	3.71	0.5
15000.	323.4	0.3	>50.0	6.5	11.13	0.5	16.3	0.3	13.5	1.5	11.13	0.5	5.0	0.3	9.0	1.5	11.13	0.5
25000.	472.6	0.3	>50.0	9.5	18.55	0.5	48.8	0.3	26.5	2.5	18.55	0.5	13.3	0.3	11.5	1.5	18.55	0.5
35000.	572.1	0.3	>50.0	11.5	25.97	0.5	92.5	0.3	37.0	3.5	25.97	0.5	19.5	0.3	15.0	1.5	25.97	0.5

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MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	0.3	0.3	0.5	0.5	0.03	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
500.	0.3	0.3	0.5	0.5	0.06	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
750.	0.5	0.3	1.0	0.5	0.09	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
1000.	0.5	0.3	1.0	0.5	0.11	0.5	0.3	0.3	0.5	0.5	0.11	0.5	0.0	0.0	0.0	0.0	0.0	0.0
2500.	5.3	0.3	5.5	1.5	0.28	0.5	0.3	0.3	0.5	0.5	0.28	0.5	0.3	0.3	0.5	0.5	0.28	0.5
5000.	21.8	0.3	11.5	2.5	0.57	0.5	0.5	0.3	1.0	0.5	0.57	0.5	0.3	0.3	0.5	0.5	0.57	0.5
15000.	217.5	0.3	39.0	7.5	1.71	0.5	7.3	0.3	6.5	1.5	1.71	0.5	1.3	0.3	2.5	0.5	1.71	0.5
25000.	621.9	0.3	>50.0	12.5	2.85	0.5	21.8	0.3	11.5	2.5	2.85	0.5	5.3	0.3	5.5	1.5	2.85	0.5
35000.	820.9	0.3	>50.0	16.5	3.98	0.5	43.5	0.3	17.0	3.5	3.98	0.5	9.3	0.3	7.5	1.5	3.98	0.5
50000.	1069.6	0.3	>50.0	21.5	5.69	0.5	90.0	0.3	25.0	4.5	5.69	0.5	21.8	0.3	11.5	2.5	5.69	0.5

78

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	1.0	0.3	2.0	0.5	0.04	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	1.8	0.3	3.5	0.5	0.08	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	2.3	0.3	4.5	0.5	0.12	1.0	0.5	0.3	1.0	0.5	0.12	1.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	2.8	0.3	5.5	0.5	0.16	1.0	0.8	0.3	1.5	0.5	0.16	1.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	13.3	0.3	11.5	1.5	0.40	1.0	1.8	0.3	3.5	0.5	0.40	1.0	1.0	0.3	2.0	0.5	0.40	1.0
5000.	48.8	0.3	26.5	2.5	0.79	1.0	2.8	0.3	5.5	0.5	0.79	1.0	1.8	0.3	3.5	0.5	0.79	1.0
15000.	323.4	0.3	>50.0	6.5	2.38	1.0	16.3	0.3	13.5	1.5	2.38	1.0	3.8	0.3	7.5	0.5	2.38	1.0
25000.	472.6	0.3	>50.0	9.5	3.97	1.0	48.8	0.3	26.5	2.5	3.97	1.0	13.3	0.3	11.5	1.5	3.97	1.0
35000.	572.1	0.3	>50.0	11.5	5.55	1.0	94.5	0.3	37.0	3.5	5.55	1.0	21.0	0.3	17.0	1.5	5.55	1.0
50000.	671.6	0.3	>50.0	13.5	7.93	1.0	223.9	0.3	>50.0	4.5	7.93	1.0	48.8	0.3	26.5	2.5	7.93	1.0

79

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.3	0.3	0.5	0.5	0.03	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
750.	0.5	0.3	1.0	0.5	0.05	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
1000.	0.8	0.3	1.5	0.5	0.07	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
2500.	5.3	0.3	5.5	1.5	0.17	0.5	0.3	0.3	0.5	0.5	0.17	0.5	0.0	0.0	0.0	0.0	0.0	0.0
5000.	21.8	0.3	11.5	2.5	0.33	0.5	0.8	0.3	1.5	0.5	0.33	0.5	0.3	0.3	0.5	0.5	0.33	0.5
15000.	217.5	0.3	39.0	7.5	0.99	0.5	7.3	0.3	6.5	1.5	0.99	0.5	1.5	0.3	3.0	0.5	0.99	0.5
25000.	621.9	0.3	>50.0	12.5	1.66	0.5	21.8	0.3	11.5	2.5	1.66	0.5	5.3	0.3	5.5	1.5	1.66	0.5
35000.	820.9	0.3	>50.0	16.5	2.32	0.5	44.0	0.3	17.0	3.5	2.32	0.5	9.8	0.3	7.5	1.5	2.32	0.5
50000.	1069.6	0.3	>50.0	21.5	3.31	0.5	90.0	0.3	25.0	4.5	3.31	0.5	21.8	0.3	11.5	2.5	3.31	0.5

80

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	1.0	1.3	2.0	0.5	0.02	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	1.8	1.3	3.5	0.5	0.03	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	9.8	0.8	10.5	1.5	0.08	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	44.0	0.8	24.0	2.5	0.16	2.0	1.8	1.3	3.5	0.5	0.16	2.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	369.4	0.8	>50.0	7.5	0.49	2.0	16.8	0.8	14.5	1.5	0.49	2.0	3.0	0.8	6.0	0.5	0.49	2.0
25000.	517.1	0.8	>50.0	10.5	0.81	2.0	44.0	0.8	24.0	2.5	0.81	2.0	9.8	0.8	10.5	1.5	0.81	2.0
35000.	572.1	0.3	>50.0	11.5	1.13	2.0	92.3	0.8	36.5	3.5	1.13	2.0	21.5	0.8	17.0	1.5	1.13	2.0
50000.	671.6	0.3	>50.0	13.5	1.62	2.0	221.6	0.8	>50.0	4.5	1.62	2.0	44.0	0.8	24.0	2.5	1.62	2.0

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MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.5	0.3	1.0	0.5	0.02	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.8	0.3	1.5	0.5	0.03	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	5.3	0.3	5.5	1.5	0.08	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	21.8	0.3	11.5	2.5	0.15	1.0	0.8	0.3	1.5	0.5	0.15	1.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	217.5	0.3	39.0	7.5	0.45	1.0	7.3	0.3	6.5	1.5	0.45	1.0	1.5	0.3	3.0	0.5	0.45	1.0
25000.	621.9	0.3	>50.0	12.5	0.75	1.0	21.8	0.3	11.5	2.5	0.75	1.0	5.3	0.3	5.5	1.5	0.75	1.0
35000.	820.9	0.3	>50.0	16.5	1.05	1.0	44.0	0.3	17.0	3.5	1.05	1.0	9.8	0.3	7.5	1.5	1.05	1.0
50000.	1069.6	0.3	>50.0	21.5	1.50	1.0	89.5	0.3	25.0	4.5	1.50	1.0	21.8	0.3	11.5	2.5	1.50	1.0
75000.	1268.6	0.3	>50.0	25.5	2.26	1.0	217.5	0.3	39.0	7.5	2.26	1.0	50.0	0.3	18.0	3.5	2.26	1.0
100000.	1368.1	0.3	>50.0	27.5	3.01	1.0	472.6	0.3	>50.0	9.5	3.01	1.0	89.5	0.3	25.0	4.5	3.01	1.0

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MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DC M
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
2500.	5.5	2.3	10.0	1.5	0.03	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.
5000.	43.5	1.8	23.0	2.5	0.06	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.
15000.	365.6	1.3	>50.0	7.5	0.18	4.0	14.3	1.8	13.5	1.5	0.18	4.0	0.0	0.0	0.0	0.0	0.0	0.
25000.	511.9	1.3	>50.0	10.5	0.31	4.0	43.5	1.8	23.0	2.5	0.31	4.0	5.5	2.3	10.0	1.5	0.31	4.
35000.	560.6	1.3	>50.0	11.5	0.43	4.0	87.3	1.3	35.5	3.5	0.43	4.0	19.5	1.8	16.0	1.5	0.43	4.
50000.	664.9	0.8	>50.0	13.5	0.61	4.0	219.4	1.3	>50.0	4.5	0.61	4.0	43.5	1.8	23.0	2.5	0.61	4.
75000.	714.1	0.8	>50.0	14.5	0.92	4.0	365.6	1.3	>50.0	7.5	0.92	4.0	99.5	1.3	38.0	3.5	0.92	4.
100000.	763.4	0.8	>50.0	15.5	1.23	4.0	463.1	1.3	>50.0	9.5	1.23	4.0	219.4	1.3	>50.0	4.5	1.23	4.

83

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... UNSTABLE-B

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DC M
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
750.	0.3	0.8	0.5	0.5	0.03	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
1000.	0.5	0.8	1.0	0.5	0.04	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
2500.	5.3	0.3	5.5	1.5	0.09	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
5000.	21.8	0.3	11.5	2.5	0.18	1.0	0.5	0.8	1.0	0.5	0.18	1.0	0.0	0.0	0.0	0.0	0.0	0.
15000.	217.5	0.3	39.0	7.5	0.54	1.0	7.3	0.3	6.5	1.5	0.54	1.0	1.3	0.8	2.5	0.5	0.54	1.
25000.	621.9	0.3	>50.0	12.5	0.90	1.0	21.8	0.3	11.5	2.5	0.90	1.0	5.3	0.3	5.5	1.5	0.90	1.
35000.	820.9	0.3	>50.0	16.5	1.25	1.0	44.0	0.3	17.0	3.5	1.25	1.0	9.8	0.3	7.5	1.5	1.25	1.
50000.	1069.6	0.3	>50.0	21.5	1.79	1.0	90.5	0.3	25.0	4.5	1.79	1.0	21.8	0.3	11.5	2.5	1.79	1.
75000.	1268.6	0.3	>50.0	25.5	2.69	1.0	217.5	0.3	39.0	7.5	2.69	1.0	50.0	0.3	18.0	3.5	2.69	1.
100000.	1368.1	0.3	>50.0	27.5	3.58	1.0	472.6	0.3	>50.0	9.5	3.58	1.0	90.5	0.3	25.0	4.5	3.58	1.

84

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DC M
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
2500.	3.8	4.8	7.5	0.5	0.03	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
5000.	40.5	2.8	22.0	2.5	0.06	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
15000.	358.1	2.3	>50.0	7.5	0.17	6.5	12.8	3.8	11.5	1.5	0.17	6.5	0.0	0.0	0.0	0.0	0.0	0.
25000.	506.6	1.8	>50.0	10.5	0.28	6.5	40.5	2.8	22.0	2.5	0.28	6.5	3.8	4.8	7.5	0.5	0.28	6.
35000.	554.9	1.8	>50.0	11.5	0.40	6.5	77.8	2.8	30.5	3.5	0.40	6.5	17.0	3.8	14.0	1.5	0.40	6.
50000.	651.4	1.8	>50.0	13.5	0.56	6.5	214.9	2.3	>50.0	4.5	0.56	6.5	40.5	2.8	22.0	2.5	0.56	6.
75000.	699.6	1.8	>50.0	14.5	0.85	6.5	358.1	2.3	>50.0	7.5	0.85	6.5	87.8	2.8	32.5	3.5	0.85	6.
100000.	755.6	1.3	>50.0	15.5	1.13	6.5	458.4	1.8	>50.0	9.5	1.13	6.5	214.9	2.3	>50.0	4.5	1.13	6.

85

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	0.3	0.3	0.5	0.5	0.02	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
500.	0.3	0.3	0.5	0.5	0.04	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
750.	0.3	0.3	0.5	0.5	0.07	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
1000.	0.5	0.3	1.0	0.5	0.09	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
2500.	1.3	0.3	2.5	0.5	0.22	0.5	0.3	0.3	0.5	0.5	0.22	0.5	0.3	0.3	0.5	0.5	0.22	0.5
5000.	8.8	0.3	7.5	1.5	0.44	0.5	0.5	0.3	1.0	0.5	0.44	0.5	0.3	0.3	0.5	0.5	0.44	0.5
15000.	90.0	0.3	25.0	4.5	1.33	0.5	2.0	0.3	4.0	0.5	1.33	0.5	0.5	0.3	1.0	0.5	1.33	0.5
25000.	268.5	0.3	44.0	8.5	2.21	0.5	8.8	0.3	7.5	1.5	2.21	0.5	1.3	0.3	2.5	0.5	2.21	0.5
35000.	572.1	0.3	>50.0	11.5	3.09	0.5	19.3	0.3	10.5	2.5	3.09	0.5	4.0	0.3	5.0	1.5	3.09	0.5

86

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	0.0	0.0	0.0	0.0	0.0	0.0
50.	0.3	0.3	0.5	0.5	0.02	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
100.	0.3	0.3	0.5	0.5	0.05	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
250.	0.8	0.3	1.5	0.5	0.12	0.5	0.3	0.3	0.5	0.5	0.12	0.5	0.0	0.0	0.0	0.0	0.0	0.0
500.	1.3	0.3	2.5	0.5	0.25	0.5	0.3	0.3	0.5	0.5	0.25	0.5	0.3	0.3	0.5	0.5	0.25	0.5
750.	1.8	0.3	3.5	0.5	0.37	0.5	0.5	0.3	1.0	0.5	0.37	0.5	0.3	0.3	0.5	0.5	0.37	0.5
1000.	2.3	0.3	4.5	0.5	0.49	0.5	0.8	0.3	1.5	0.5	0.49	0.5	0.3	0.3	0.5	0.5	0.49	0.5
2500.	6.8	0.3	8.5	1.5	1.24	0.5	1.3	0.3	2.5	0.5	1.24	0.5	0.8	0.3	1.5	0.5	1.24	0.5
5000.	18.3	0.3	14.5	1.5	2.47	0.5	2.3	0.3	4.5	0.5	2.47	0.5	1.3	0.3	2.5	0.5	2.47	0.5
15000.	223.9	0.3	>50.0	4.5	7.42	0.5	10.0	0.3	10.0	1.5	7.42	0.5	3.0	0.3	6.0	0.5	7.42	0.5
25000.	373.1	0.3	>50.0	7.5	12.37	0.5	18.3	0.3	14.5	1.5	12.37	0.5	6.8	0.3	8.5	1.5	12.37	0.5
35000.	472.6	0.3	>50.0	9.5	17.31	0.5	39.3	0.3	24.5	2.5	17.31	0.5	12.5	0.3	11.0	1.5	17.31	0.5

87

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.3	0.3	0.5	0.5	0.04	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
750.	0.3	0.3	0.5	0.5	0.06	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
1000.	0.5	0.3	1.0	0.5	0.08	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
2500.	1.3	0.3	2.5	0.5	0.19	0.5	0.3	0.3	0.5	0.5	0.19	0.5	0.0	0.0	0.0	0.0	0.0	0.0
5000.	8.8	0.3	7.5	1.5	0.38	0.5	0.5	0.3	1.0	0.5	0.38	0.5	0.3	0.3	0.5	0.5	0.38	0.5
15000.	90.0	0.3	25.0	4.5	1.14	0.5	2.0	0.3	4.0	0.5	1.14	0.5	0.5	0.3	1.0	0.5	1.14	0.5
25000.	268.5	0.3	44.0	8.5	1.90	0.5	8.8	0.3	7.5	1.5	1.90	0.5	1.3	0.3	2.5	0.5	1.90	0.5
35000.	572.1	0.3	>50.0	11.5	2.66	0.5	19.3	0.3	10.5	2.5	2.66	0.5	4.0	0.3	5.0	1.5	2.66	0.5
50000.	820.9	0.3	>50.0	16.5	3.79	0.5	40.0	0.3	16.0	3.5	3.79	0.5	8.8	0.3	7.5	1.5	3.79	0.5

88

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DC M
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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
250.	0.5	0.3	1.0	0.5	0.03	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
500.	1.3	0.3	2.5	0.5	0.05	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
750.	1.8	0.3	3.5	0.5	0.08	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
1000.	2.0	0.3	4.0	0.5	0.11	1.0	0.5	0.3	1.0	0.5	0.11	1.0	0.0	0.0	0.0	0.0	0.0	0.
2500.	5.8	0.3	8.5	1.5	0.26	1.0	1.3	0.3	2.5	0.5	0.26	1.0	0.5	0.3	1.0	0.5	0.26	1.
5000.	17.8	0.3	14.5	1.5	0.53	1.0	2.0	0.3	4.0	0.5	0.53	1.0	1.3	0.3	2.5	0.5	0.53	1.
15000.	223.9	0.3	>50.0	4.5	1.59	1.0	9.3	0.3	9.5	1.5	1.59	1.0	2.8	0.3	5.5	0.5	1.59	1.
25000.	373.1	0.3	>50.0	7.5	2.64	1.0	17.8	0.3	14.5	1.5	2.64	1.0	5.8	0.3	8.5	1.5	2.64	1.
35000.	472.6	0.3	>50.0	9.5	3.70	1.0	39.8	0.3	24.5	2.5	3.70	1.0	11.5	0.3	11.0	1.5	3.70	1.
50000.	572.1	0.3	>50.0	11.5	5.29	1.0	86.0	0.3	35.0	3.5	5.29	1.0	17.8	0.3	14.5	1.5	5.29	1.

89

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DC M
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
500.	0.3	0.3	0.5	0.5	0.02	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.
750.	0.3	0.3	0.5	0.5	0.03	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.
1000.	0.5	0.3	1.0	0.5	0.04	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.
2500.	1.8	0.3	3.5	0.5	0.11	0.5	0.3	0.3	0.5	0.5	0.11	0.5	0.0	0.0	0.0	0.0	0.0	0.
5000.	9.3	0.3	7.5	1.5	0.22	0.5	0.5	0.3	1.0	0.5	0.22	0.5	0.3	0.3	0.5	0.5	0.22	0.
15000.	90.0	0.3	25.0	4.5	0.66	0.5	2.0	0.3	4.0	0.5	0.66	0.5	0.8	0.3	1.5	0.5	0.66	0.
25000.	268.5	0.3	44.0	8.5	1.10	0.5	9.3	0.3	7.5	1.5	1.10	0.5	1.8	0.3	3.5	0.5	1.10	0.
35000.	572.1	0.3	>50.0	11.5	1.54	0.5	19.3	0.3	10.5	2.5	1.54	0.5	4.0	0.3	5.0	1.5	1.54	0.
50000.	820.9	0.3	>50.0	16.5	2.21	0.5	40.5	0.3	16.0	3.5	2.21	0.5	9.3	0.3	7.5	1.5	2.21	0.

90

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DC M
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
1000.	0.5	1.8	1.0	0.5	0.02	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
2500.	3.5	0.8	7.0	0.5	0.05	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
5000.	20.0	0.8	16.0	1.5	0.11	2.0	0.5	1.8	1.0	0.5	0.11	2.0	0.0	0.0	0.0	0.0	0.0	0.
15000.	221.6	0.8	>50.0	4.5	0.32	2.0	4.3	0.8	8.5	0.5	0.32	2.0	1.8	1.3	3.5	0.5	0.32	2.
25000.	418.6	0.8	>50.0	8.5	0.54	2.0	20.0	0.8	16.0	1.5	0.54	2.0	3.5	0.8	7.0	0.5	0.54	2.
35000.	467.9	0.8	>50.0	9.5	0.75	2.0	37.3	0.8	22.5	2.5	0.75	2.0	8.3	0.8	9.5	1.5	0.75	2.
50000.	572.1	0.3	>50.0	11.5	1.08	2.0	81.3	0.8	34.5	3.5	1.08	2.0	20.0	0.8	16.0	1.5	1.08	2.

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MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.3	0.8	0.5	0.5	0.02	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	1.8	0.3	3.5	0.5	0.05	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	9.3	0.3	7.5	1.5	0.10	1.0	0.3	0.8	0.5	0.5	0.10	1.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	89.5	0.3	25.0	4.5	0.30	1.0	2.0	0.3	4.0	0.5	0.30	1.0	0.8	0.3	1.5	0.5	0.30	1.0
25000.	268.5	0.3	44.0	8.5	0.50	1.0	9.3	0.3	7.5	1.5	0.50	1.0	1.8	0.3	3.5	0.5	0.50	1.0
35000.	572.1	0.3	>50.0	11.5	0.70	1.0	19.3	0.3	10.5	2.5	0.70	1.0	4.0	0.3	5.0	1.5	0.70	1.0
50000.	820.9	0.3	>50.0	16.5	1.00	1.0	40.5	0.3	16.0	3.5	1.00	1.0	9.3	0.3	7.5	1.5	1.00	1.0
75000.	1069.6	0.3	>50.0	21.5	1.50	1.0	89.5	0.3	25.0	4.5	1.50	1.0	21.8	0.3	11.5	2.5	1.50	1.0
100000.	1169.1	0.3	>50.0	23.5	2.01	1.0	169.8	0.3	34.5	6.5	2.01	1.0	40.5	0.3	16.0	3.5	2.01	1.0

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MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.8	3.8	1.5	0.5	0.02	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	17.5	1.8	15.0	1.5	0.04	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	219.4	1.3	>50.0	4.5	0.12	4.0	2.3	2.8	4.5	0.5	0.12	4.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	414.4	1.3	>50.0	8.5	0.20	4.0	17.5	1.8	15.0	1.5	0.20	4.0	0.8	3.8	1.5	0.5	0.20	4.0
35000.	463.1	1.3	>50.0	9.5	0.29	4.0	37.3	1.8	21.5	2.5	0.29	4.0	4.5	2.3	9.0	0.5	0.29	4.0
50000.	560.6	1.3	>50.0	11.5	0.41	4.0	77.0	1.3	34.0	3.5	0.41	4.0	17.5	1.8	15.0	1.5	0.41	4.0
75000.	664.9	0.8	>50.0	13.5	0.61	4.0	219.4	1.3	>50.0	4.5	0.61	4.0	43.5	1.8	23.0	2.5	0.61	4.0
100000.	714.1	0.8	>50.0	14.5	0.82	4.0	316.9	1.3	>50.0	6.5	0.82	4.0	77.0	1.3	34.0	3.5	0.82	4.0

93

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... UNSTABLE-B

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.3	0.8	0.5	0.5	0.02	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	1.5	0.8	3.0	0.5	0.06	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	9.3	0.3	7.5	1.5	0.12	1.0	0.3	0.8	0.5	0.5	0.12	1.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	90.5	0.3	25.0	4.5	0.36	1.0	2.0	0.3	4.0	0.5	0.36	1.0	0.5	0.8	1.0	0.5	0.36	1.0
25000.	268.5	0.3	44.0	8.5	0.60	1.0	9.3	0.3	7.5	1.5	0.60	1.0	1.5	0.8	3.0	0.5	0.60	1.0
35000.	572.1	0.3	>50.0	11.5	0.84	1.0	19.3	0.3	10.5	2.5	0.84	1.0	4.5	0.3	5.0	1.5	0.84	1.0
50000.	820.9	0.3	>50.0	16.5	1.19	1.0	40.5	0.3	16.0	3.5	1.19	1.0	9.3	0.3	7.5	1.5	1.19	1.0
75000.	1069.6	0.3	>50.0	21.5	1.79	1.0	90.5	0.3	25.0	4.5	1.79	1.0	21.8	0.3	11.5	2.5	1.79	1.0
100000.	1169.1	0.3	>50.0	23.5	2.39	1.0	169.8	0.3	34.5	6.5	2.39	1.0	40.5	0.3	16.0	3.5	2.39	1.0

94

MIXING HEIGHT..... 1000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	15.5	3.8	13.0	1.5	0.04	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	214.9	2.3	>50.0	4.5	0.11	6.5	1.3	6.3	2.5	0.5	0.11	6.5	0.0	0.0	0.0	0.0	0.0	0.0
25000.	405.9	2.3	>50.0	8.5	0.19	6.5	15.5	3.8	13.0	1.5	0.19	6.5	0.0	0.0	0.0	0.0	0.0	0.0
35000.	458.4	1.8	>50.0	9.5	0.26	6.5	35.3	2.8	20.5	2.5	0.26	6.5	2.5	6.3	5.0	0.5	0.26	6.5
50000.	554.9	1.8	>50.0	11.5	0.38	6.5	70.3	2.8	29.5	3.5	0.38	6.5	15.5	3.8	13.0	1.5	0.38	6.5
75000.	651.4	1.8	>50.0	13.5	0.56	6.5	214.9	2.3	>50.0	4.5	0.56	6.5	40.5	2.8	22.0	2.5	0.56	6.5
100000.	699.6	1.8	>50.0	14.5	0.75	6.5	310.4	2.3	>50.0	6.5	0.75	6.5	70.3	2.8	29.5	3.5	0.75	6.5

95

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	0.0	0.0	0.0	0.0	0.0	0.0
50.	0.3	0.3	0.5	0.5	0.03	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
100.	0.3	0.3	0.5	0.5	0.07	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
250.	0.8	0.3	1.5	0.5	0.16	0.5	0.3	0.3	0.5	0.5	0.16	0.5	0.0	0.0	0.0	0.0	0.0	0.0
500.	1.3	0.3	2.5	0.5	0.33	0.5	0.3	0.3	0.5	0.5	0.33	0.5	0.3	0.3	0.5	0.5	0.33	0.5
750.	1.5	0.3	3.0	0.5	0.49	0.5	0.5	0.3	1.0	0.5	0.49	0.5	0.3	0.3	0.5	0.5	0.49	0.5
1000.	3.8	0.3	3.5	1.5	0.66	0.5	0.5	0.3	1.0	0.5	0.66	0.5	0.3	0.3	0.5	0.5	0.66	0.5
2500.	55.5	0.3	20.0	3.5	1.65	0.5	1.3	0.3	2.5	0.5	1.65	0.5	0.8	0.3	1.5	0.5	1.65	0.5
5000.	223.5	0.3	39.0	7.5	3.30	0.5	3.8	0.3	3.5	1.5	3.30	0.5	1.3	0.3	2.5	0.5	3.30	0.5
15000.	920.4	0.3	>50.0	18.5	9.89	0.5	85.0	0.3	24.0	4.5	9.89	0.5	19.8	0.3	11.5	2.5	9.89	0.5
25000.	1218.9	0.3	>50.0	24.5	16.49	0.5	223.5	0.3	39.0	7.5	16.49	0.5	55.5	0.3	20.0	3.5	16.49	0.5
35000.	1318.4	0.3	>50.0	26.5	23.09	0.5	522.4	0.3	>50.0	10.5	23.09	0.5	116.0	0.3	28.0	5.5	23.09	0.5

96

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
20.	0.5	0.3	1.0	0.5	0.07	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
50.	1.0	0.3	2.0	0.5	0.18	0.5	0.3	0.3	0.5	0.5	0.18	0.5	0.0	0.0	0.0	0.0	0.0	0.0
100.	1.8	0.3	3.5	0.5	0.37	0.5	0.5	0.3	1.0	0.5	0.37	0.5	0.3	0.3	0.5	0.5	0.37	0.5
250.	3.5	0.3	7.0	0.5	0.92	0.5	1.0	0.3	2.0	0.5	0.92	0.5	0.8	0.3	1.5	0.5	0.92	0.5
500.	12.0	0.3	11.0	1.5	1.85	0.5	1.8	0.3	3.5	0.5	1.85	0.5	1.0	0.3	2.0	0.5	1.85	0.5
750.	18.8	0.3	14.5	1.5	2.77	0.5	2.5	0.3	5.0	0.5	2.77	0.5	1.5	0.3	3.0	0.5	2.77	0.5
1000.	29.5	0.3	18.0	2.5	3.69	0.5	3.0	0.3	6.0	0.5	3.69	0.5	1.8	0.3	3.5	0.5	3.69	0.5
2500.	113.0	0.3	39.0	3.5	9.23	0.5	12.0	0.3	11.0	1.5	9.23	0.5	3.5	0.3	7.0	0.5	9.23	0.5
5000.	323.4	0.3	>50.0	6.5	18.47	0.5	29.5	0.3	18.0	2.5	18.47	0.5	12.0	0.3	11.0	1.5	18.47	0.5
15000.	621.9	0.3	>50.0	12.5	55.40	0.5	157.5	0.3	46.0	4.5	55.40	0.5	51.3	0.3	25.5	2.5	55.40	0.5
25000.	721.4	0.3	>50.0	14.5	92.33	0.5	323.4	0.3	>50.0	6.5	92.33	0.5	113.0	0.3	39.0	3.5	92.33	0.5
35000.	771.1	0.3	>50.0	15.5	129.26	0.5	422.9	0.3	>50.0	8.5	129.26	0.5	273.6	0.3	>50.0	5.5	129.26	0.5

97

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
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	0.0	0.0	0.0	0.0	0.0	0.0
50.	0.3	0.3	0.5	0.5	0.03	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
100.	0.3	0.3	0.5	0.5	0.06	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
250.	0.8	0.3	1.5	0.5	0.14	0.5	0.3	0.3	0.5	0.5	0.14	0.5	0.0	0.0	0.0	0.0	0.0	0.0
500.	1.3	0.3	2.5	0.5	0.28	0.5	0.3	0.3	0.5	0.5	0.28	0.5	0.3	0.3	0.5	0.5	0.28	0.5
750.	1.5	0.3	3.0	0.5	0.42	0.5	0.5	0.3	1.0	0.5	0.42	0.5	0.3	0.3	0.5	0.5	0.42	0.5
1000.	3.8	0.3	3.5	1.5	0.55	0.5	0.5	0.3	1.0	0.5	0.55	0.5	0.3	0.3	0.5	0.5	0.55	0.5
2500.	55.5	0.3	20.0	3.5	1.39	0.5	1.3	0.3	2.5	0.5	1.39	0.5	0.8	0.3	1.5	0.5	1.39	0.5
5000.	223.5	0.3	39.0	7.5	2.77	0.5	3.8	0.3	3.5	1.5	2.77	0.5	1.3	0.3	2.5	0.5	2.77	0.5
15000.	920.4	0.3	>50.0	18.5	8.32	0.5	85.0	0.3	24.0	4.5	8.32	0.5	19.8	0.3	11.5	2.5	8.32	0.5
25000.	1218.9	0.3	>50.0	24.5	13.87	0.5	223.5	0.3	39.0	7.5	13.87	0.5	55.5	0.3	20.0	3.5	13.87	0.5
35000.	1318.4	0.3	>50.0	26.5	19.42	0.5	522.4	0.3	>50.0	10.5	19.42	0.5	116.0	0.3	28.0	5.5	19.42	0.5
50000.	1467.6	0.3	>50.0	29.5	27.74	0.5	721.4	0.3	>50.0	14.5	27.74	0.5	223.5	0.3	39.0	7.5	27.74	0.5

98

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLF	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
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	0.0	0.0	0.0	0.0	0.0	0.0
50.	1.0	0.3	2.0	0.5	0.04	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
100.	1.8	0.3	3.5	0.5	0.08	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
250.	3.3	0.3	6.5	0.5	0.20	0.5	1.0	0.3	2.0	0.5	0.20	0.5	0.0	0.0	0.0	0.0	0.0	0.0
500.	11.8	0.3	10.5	1.5	0.40	0.5	1.8	0.3	3.5	0.5	0.40	0.5	1.0	0.3	2.0	0.5	0.40	0.5
750.	17.8	0.3	14.5	1.5	0.60	0.5	2.3	0.3	4.5	0.5	0.60	0.5	1.3	0.3	2.5	0.5	0.60	0.5
1000.	26.5	0.3	18.0	2.5	0.79	0.5	2.8	0.3	5.5	0.5	0.79	0.5	1.8	0.3	3.5	0.5	0.79	0.5
2500.	115.5	0.3	40.0	3.5	1.98	0.5	11.8	0.3	10.5	1.5	1.98	0.5	3.3	0.3	6.5	0.5	1.98	0.5
5000.	323.4	0.3	>50.0	6.5	3.97	0.5	26.5	0.3	18.0	2.5	3.97	0.5	11.8	0.3	10.5	1.5	3.97	0.5
15000.	621.9	0.3	>50.0	12.5	11.91	0.5	162.8	0.3	46.5	4.5	11.91	0.5	50.8	0.3	25.5	2.5	11.91	0.5
25000.	721.4	0.3	>50.0	14.5	19.84	0.5	323.4	0.3	>50.0	6.5	19.84	0.5	115.5	0.3	40.0	3.5	19.84	0.5
35000.	771.1	0.3	>50.0	15.5	27.78	0.5	422.9	0.3	>50.0	8.5	27.78	0.5	273.6	0.3	>50.0	5.5	27.78	0.5
50000.	820.9	0.3	>50.0	16.5	39.69	0.5	522.4	0.3	>50.0	10.5	39.69	0.5	323.4	0.3	>50.0	6.5	39.69	0.5

99

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
100.	0.3	0.3	0.5	0.5	0.03	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
250.	0.8	0.3	1.5	0.5	0.08	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
500.	1.3	0.3	2.5	0.5	0.16	0.5	0.3	0.3	0.5	0.5	0.16	0.5	0.0	0.0	0.0	0.0	0.0	0.0
750.	1.5	0.3	3.0	0.5	0.23	0.5	0.5	0.3	1.0	0.5	0.23	0.5	0.3	0.3	0.5	0.5	0.23	0.5
1000.	3.8	0.3	3.5	1.5	0.31	0.5	0.5	0.3	1.0	0.5	0.31	0.5	0.3	0.3	0.5	0.5	0.31	0.5
2500.	56.0	0.3	20.0	3.5	0.78	0.5	1.3	0.3	2.5	0.5	0.78	0.5	0.8	0.3	1.5	0.5	0.78	0.5
5000.	224.0	0.3	39.0	7.5	1.56	0.5	3.8	0.3	3.5	1.5	1.56	0.5	1.3	0.3	2.5	0.5	1.56	0.5
15000.	920.4	0.3	>50.0	18.5	4.67	0.5	85.5	0.3	24.0	4.5	4.67	0.5	20.8	0.3	11.5	2.5	4.67	0.5
25000.	1218.9	0.3	>50.0	24.5	7.78	0.5	224.0	0.3	39.0	7.5	7.78	0.5	56.0	0.3	20.0	3.5	7.78	0.5
35000.	1318.4	0.3	>50.0	26.5	10.90	0.5	522.4	0.3	>50.0	10.5	10.90	0.5	116.5	0.3	28.0	5.5	10.90	0.5
50000.	1467.6	0.3	>50.0	29.5	15.57	0.5	721.4	0.3	>50.0	14.5	15.57	0.5	224.0	0.3	39.0	7.5	15.57	0.5

100

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	2.5	0.8	5.0	0.5	0.04	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	8.3	0.8	9.5	1.5	0.08	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	16.0	0.8	13.0	1.5	0.12	2.0	1.0	1.3	2.0	0.5	0.12	2.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	22.5	0.8	17.0	1.5	0.16	2.0	1.8	1.3	3.5	0.5	0.16	2.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	117.3	0.8	40.5	3.5	0.40	2.0	8.3	0.8	9.5	1.5	0.40	2.0	2.5	0.8	5.0	0.5	0.40	2.0
5000.	373.1	0.3	>50.0	7.5	0.81	2.0	22.5	0.8	17.0	1.5	0.81	2.0	8.3	0.8	9.5	1.5	0.81	2.0
15000.	621.9	0.3	>50.0	12.5	2.42	2.0	166.3	0.8	47.5	4.5	2.42	2.0	50.0	0.8	25.0	2.5	2.42	2.0
25000.	721.4	0.3	>50.0	14.5	4.04	2.0	373.1	0.3	>50.0	7.5	4.04	2.0	117.3	0.8	40.5	3.5	4.04	2.0
35000.	771.1	0.3	>50.0	15.5	5.65	2.0	472.6	0.3	>50.0	9.5	5.65	2.0	270.9	0.8	>50.0	5.5	5.65	2.0
50000.	870.6	0.3	>50.0	17.5	8.08	2.0	522.4	0.3	>50.0	10.5	8.08	2.0	373.1	0.3	>50.0	7.5	8.08	2.0

101

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.8	0.3	1.5	0.5	0.03	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
500.	1.3	0.3	2.5	0.5	0.07	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
750.	2.0	0.3	3.0	1.5	0.10	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
1000.	3.8	0.3	3.5	1.5	0.13	0.5	0.5	0.3	1.0	0.5	0.13	0.5	0.0	0.0	0.0	0.0	0.0	0.0
2500.	56.0	0.3	20.0	3.5	0.33	0.5	1.3	0.3	2.5	0.5	0.33	0.5	0.8	0.3	1.5	0.5	0.33	0.5
5000.	224.0	0.3	39.0	7.5	0.67	0.5	3.8	0.3	3.5	1.5	0.67	0.5	1.3	0.3	2.5	0.5	0.67	0.5
15000.	920.4	0.3	>50.0	18.5	2.00	0.5	85.5	0.3	24.0	4.5	2.00	0.5	20.8	0.3	11.5	2.5	2.00	0.5
25000.	1218.9	0.3	>50.0	24.5	3.33	0.5	224.0	0.3	39.0	7.5	3.33	0.5	56.0	0.3	20.0	3.5	3.33	0.5
35000.	1318.4	0.3	>50.0	26.5	4.66	0.5	522.4	0.3	>50.0	10.5	4.66	0.5	117.0	0.3	28.0	5.5	4.66	0.5
50000.	1467.6	0.3	>50.0	29.5	6.66	0.5	721.4	0.3	>50.0	14.5	6.66	0.5	224.0	0.3	39.0	7.5	6.66	0.5
75000.	1616.9	0.3	>50.0	32.5	9.99	0.5	920.4	0.3	>50.0	18.5	9.99	0.5	572.1	0.3	>50.0	11.5	9.99	0.5
100000.	1716.4	0.3	>50.0	34.5	13.32	0.5	1069.6	0.3	>50.0	21.5	13.32	0.5	721.4	0.3	>50.0	14.5	13.32	0.5

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MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	3.0	2.3	6.0	0.5	0.03	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	10.3	1.8	10.5	1.5	0.04	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	19.0	1.8	15.0	1.5	0.06	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	116.5	1.3	41.0	3.5	0.14	4.0	3.0	2.3	6.0	0.5	0.14	4.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	365.6	1.3	>50.0	7.5	0.29	4.0	19.0	1.8	15.0	1.5	0.29	4.0	3.0	2.3	6.0	0.5	0.29	4.0
15000.	615.6	0.8	>50.0	12.5	0.87	4.0	219.4	1.3	>50.0	4.5	0.87	4.0	46.3	1.3	24.5	2.5	0.87	4.0
25000.	714.1	0.8	>50.0	14.5	1.45	4.0	365.6	1.3	>50.0	7.5	1.45	4.0	116.5	1.3	41.0	3.5	1.45	4.0
35000.	763.4	0.8	>50.0	15.5	2.03	4.0	467.9	0.8	>50.0	9.5	2.03	4.0	268.1	1.3	>50.0	5.5	2.03	4.0
50000.	861.9	0.8	>50.0	17.5	2.90	4.0	566.4	0.8	>50.0	11.5	2.90	4.0	365.6	1.3	>50.0	7.5	2.90	4.0
75000.	911.1	0.8	>50.0	18.5	4.35	4.0	615.6	0.8	>50.0	12.5	4.35	4.0	467.9	0.8	>50.0	9.5	4.35	4.0
100000.	960.4	0.8	>50.0	19.5	5.80	4.0	664.9	0.8	>50.0	13.5	5.80	4.0	566.4	0.8	>50.0	11.5	5.80	4.0

103

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... UNSTABLE-B

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.5	0.8	1.0	0.5	70.	1.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	1.3	0.3	2.5	0.5	141.	1.0	0.5	0.8	1.0	0.5	141.	1.0	0.0	0.0	0.0	0.0	0.	0.0
750.	5.5	0.3	6.0	1.5	211.	1.0	1.0	0.3	2.0	0.5	211.	1.0	0.3	0.8	0.5	0.5	211.	1.0
1000.	10.8	0.3	8.5	1.5	282.	1.0	1.3	0.3	2.5	0.5	282.	1.0	0.5	0.8	1.0	0.5	282.	1.0
2500.	78.8	0.3	22.5	4.5	705.	1.0	18.8	0.3	10.5	2.5	705.	1.0	1.5	0.3	3.0	0.5	705.	1.0
5000.	285.0	0.3	44.0	8.5	1409.	1.0	78.8	0.3	22.5	4.5	1409.	1.0	18.8	0.3	10.5	2.5	1409.	1.0
15000.	1019.9	0.3	>50.0	20.5	4228.	1.0	621.9	0.3	>50.0	12.5	4228.	1.0	168.5	0.3	33.0	6.5	4228.	1.0
25000.	1268.6	0.3	>50.0	25.5	7046.	1.0	920.4	0.3	>50.0	18.5	7046.	1.0	522.4	0.3	>50.0	10.5	7046.	1.0
35000.	1417.9	0.3	>50.0	28.5	9864.	1.0	1069.6	0.3	>50.0	21.5	9864.	1.0	671.6	0.3	>50.0	13.5	9864.	1.0
50000.	1517.4	0.3	>50.0	30.5	14092.	1.0	1268.6	0.3	>50.0	25.5	14092.	1.0	920.4	0.3	>50.0	18.5	14092.	1.0
75000.	1666.6	0.3	>50.0	33.5	21138.	1.0	1417.9	0.3	>50.0	28.5	21138.	1.0	1119.4	0.3	>50.0	22.5	21138.	1.0
100000.	1766.1	0.3	>50.0	35.5	28184.	1.0	1517.4	0.3	>50.0	30.5	28184.	1.0	1268.6	0.3	>50.0	25.5	28184.	1.0

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MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	3.5	4.3	7.0	0.5	62.	6.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	16.8	3.3	14.5	1.5	82.	6.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	154.0	2.3	46.0	4.5	206.	6.5	28.0	2.8	21.0	1.5	206.	6.5	1.3	5.3	2.5	0.5	206.	6.5
5000.	410.1	1.8	>50.0	8.5	412.	6.5	152.8	2.3	45.5	4.5	412.	6.5	28.0	2.8	21.0	1.5	412.	6.5
15000.	651.4	1.8	>50.0	13.5	1236.	6.5	506.6	1.8	>50.0	10.5	1236.	6.5	310.4	2.3	>50.0	6.5	1236.	6.5
25000.	755.6	1.3	>50.0	15.5	2060.	6.5	603.1	1.8	>50.0	12.5	2060.	6.5	458.4	1.8	>50.0	9.5	2060.	6.5
35000.	804.4	1.3	>50.0	16.5	2884.	6.5	699.6	1.8	>50.0	14.5	2884.	6.5	554.9	1.8	>50.0	11.5	2884.	6.5
50000.	853.1	1.3	>50.0	17.5	4119.	6.5	755.6	1.3	>50.0	15.5	4119.	6.5	603.1	1.8	>50.0	12.5	4119.	6.5
75000.	901.9	1.3	>50.0	18.5	6179.	6.5	804.4	1.3	>50.0	16.5	6179.	6.5	699.6	1.8	>50.0	14.5	6179.	6.5
100000.	950.6	1.3	>50.0	19.5	8239.	6.5	853.1	1.3	>50.0	17.5	8239.	6.5	755.6	1.3	>50.0	15.5	8239.	6.5

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MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 1500.0 FT
STABILITY CLASS..... NEUTRAL-D

	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX MMG/M3	DCM MI
250.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
500.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
750.	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
1000.	2.8	9.8	5.5	0.5	52.	12.0	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
2500.	148.3	4.8	43.5	4.5	131.	12.0	20.3	6.8	16.5	1.5	131.	12.0	0.0	0.0	0.0	0.0	0.	0.0
5000.	388.9	4.3	>50.0	8.5	262.	12.0	147.8	4.8	43.5	4.5	262.	12.0	20.3	6.8	16.5	1.5	262.	12.0
15000.	631.1	3.3	>50.0	13.5	787.	12.0	485.6	3.8	>50.0	10.5	787.	12.0	297.4	4.3	>50.0	6.5	787.	12.0
25000.	732.4	2.8	>50.0	15.5	1312.	12.0	584.4	3.3	>50.0	12.5	1312.	12.0	439.4	3.8	>50.0	9.5	1312.	12.0
35000.	779.6	2.8	>50.0	16.5	1836.	12.0	677.9	3.3	>50.0	14.5	1836.	12.0	531.9	3.8	>50.0	11.5	1836.	12.0
50000.	826.9	2.8	>50.0	17.5	2624.	12.0	732.4	2.8	>50.0	15.5	2624.	12.0	584.4	3.3	>50.0	12.5	2624.	12.0
75000.	874.1	2.8	>50.0	18.5	3935.	12.0	779.6	2.8	>50.0	16.5	3935.	12.0	677.9	3.3	>50.0	14.5	3935.	12.0
100000.	921.1	2.3	>50.0	19.5	5247.	12.0	826.9	2.8	>50.0	17.5	5247.	12.0	732.4	2.8	>50.0	15.5	5247.	12.0

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MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
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	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
100.	0.3	0.3	0.5	0.5	76.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	0.3	0.3	0.5	0.5	185.	0.5	0.3	0.3	0.5	0.5	189.	0.5	0.0	0.0	0.0	0.0	0.	0.0
500.	0.5	0.3	1.0	0.5	378.	0.5	0.3	0.3	0.5	0.5	378.	0.5	0.3	0.3	0.5	0.5	378.	0.5
750.	0.8	0.3	1.5	0.5	567.	0.5	0.5	0.3	1.0	0.5	567.	0.5	0.3	0.3	0.5	0.5	567.	0.5
1000.	1.3	0.3	2.5	0.5	755.	0.5	0.5	0.3	1.0	0.5	755.	0.5	0.3	0.3	0.5	0.5	755.	0.5
2500.	11.3	0.3	8.5	1.5	1889.	0.5	1.5	0.3	3.0	0.5	1889.	0.5	0.8	0.3	1.5	0.5	1889.	0.5
5000.	51.8	0.3	18.5	3.5	3777.	0.5	11.3	0.3	8.5	1.5	3777.	0.5	1.5	0.3	3.0	0.5	3777.	0.5
15000.	572.1	0.3	>50.0	11.5	11331.	0.5	121.0	0.3	29.0	5.5	11331.	0.5	26.8	0.3	13.5	2.5	11331.	0.5
25000.	870.6	0.3	>50.0	17.5	18885.	0.5	472.6	0.3	>50.0	9.5	18885.	0.5	82.3	0.3	23.5	4.5	18885.	0.5
35000.	1069.6	0.3	>50.0	21.5	26439.	0.5	621.9	0.3	>50.0	12.5	26439.	0.5	167.8	0.3	34.5	6.5	26439.	0.5

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MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
20.	0.3	0.3	0.5	0.5	85.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
50.	0.5	0.3	1.0	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.5	0.3	0.3	0.5	0.5	211.	0.5
100.	1.0	0.3	2.0	0.5	423.	0.5	0.5	0.3	1.0	0.5	423.	0.5	0.3	0.3	0.5	0.5	423.	0.5
250.	2.0	0.3	4.0	0.5	1057.	0.5	1.3	0.3	2.5	0.5	1057.	0.5	0.8	0.3	1.5	0.5	1057.	0.5
500.	3.3	0.3	6.5	0.5	2115.	0.5	2.0	0.3	4.0	0.5	2115.	0.5	1.3	0.3	2.5	0.5	2115.	0.5
750.	7.8	0.3	8.5	1.5	3172.	0.5	2.8	0.3	5.5	0.5	3172.	0.5	1.5	0.3	3.0	0.5	3172.	0.5
1000.	11.8	0.3	10.5	1.5	4229.	0.5	3.3	0.3	6.5	0.5	4229.	0.5	2.0	0.3	4.0	0.5	4229.	0.5
2500.	37.3	0.3	20.5	2.5	10574.	0.5	14.8	0.3	12.5	1.5	10574.	0.5	3.8	0.3	7.5	0.5	10574.	0.5
5000.	94.0	0.3	34.0	3.5	21147.	0.5	37.0	0.3	20.0	2.5	21147.	0.5	14.8	0.3	12.5	1.5	21147.	0.5
15000.	472.6	0.3	>50.0	9.5	63441.	0.5	273.6	0.3	>50.0	5.5	63441.	0.5	61.8	0.3	27.5	3.5	63441.	0.5
25000.	621.9	0.3	>50.0	12.5	105735.	0.5	422.9	0.3	>50.0	8.5	105735.	0.5	223.9	0.3	>50.0	4.5	105735.	0.5
35000.	671.6	0.3	>50.0	13.5	148029.	0.5	522.4	0.3	>50.0	10.5	148029.	0.5	323.4	0.3	>50.0	6.5	148029.	0.5

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MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=50 MICROGR/CU.METER						ISOPLETH LEVEL=100 MICROGM/CU.METER						ISOPLETH LEVEL=200 MICROGM/CU.METER					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI	SQ MI	MI	MI	MI	MMG/M3	MI
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	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.	0.0	0.0	0.0	0.0	0.0	0.	0.0
100.	0.3	0.3	0.5	0.5	65.	0.5	0.0	0.0	0.0	0.0	0.	0.0	0.0	0.0	0.0	0.0	0.	0.0
250.	0.3	0.3	0.5	0.5	162.	0.5	0.3	0.3	0.5	0.5	162.	0.5	0.0	0.0	0.0	0.0	0.	0.0
500.	0.5	0.3	1.0	0.5	324.	0.5	0.3	0.3	0.5	0.5	324.	0.5	0.3	0.3	0.5	0.5	324.	0.5
750.	0.8	0.3	1.5	0.5	487.	0.5	0.5	0.3	1.0	0.5	487.	0.5	0.3	0.3	0.5	0.5	487.	0.5
1000.	1.3	0.3	2.5	0.5	649.	0.5	0.5	0.3	1.0	0.5	649.	0.5	0.3	0.3	0.5	0.5	649.	0.5
2500.	11.3	0.3	8.5	1.5	1622.	0.5	1.5	0.3	3.0	0.5	1622.	0.5	0.8	0.3	1.5	0.5	1622.	0.5
5000.	51.8	0.3	18.5	3.5	3244.	0.5	11.3	0.3	8.5	1.5	3244.	0.5	1.5	0.3	3.0	0.5	3244.	0.5
15000.	572.1	0.3	>50.0	11.5	9732.	0.5	121.0	0.3	29.0	5.5	9732.	0.5	26.8	0.3	13.5	2.5	9732.	0.5
25000.	870.6	0.3	>50.0	17.5	16220.	0.5	472.6	0.3	>50.0	9.5	16220.	0.5	82.3	0.3	23.5	4.5	16220.	0.5
35000.	1069.6	0.3	>50.0	21.5	22708.	0.5	621.9	0.3	>50.0	12.5	22708.	0.5	167.8	0.3	34.5	6.5	22708.	0.5
50000.	1268.6	0.3	>50.0	25.5	32440.	0.5	870.6	0.3	>50.0	17.5	32440.	0.5	472.6	0.3	>50.0	9.5	32440.	0.5

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MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.	0.8	0.3	1.5	0.5	0.03	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	1.8	0.3	3.5	0.5	0.08	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	2.8	0.3	5.5	0.5	0.16	1.0	0.8	0.3	1.5	0.5	0.16	1.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	3.8	0.3	7.5	0.5	0.24	1.0	1.0	0.3	2.0	0.5	0.24	1.0	0.5	0.3	1.0	0.5	0.24	1.0
1000.	9.3	0.3	9.5	1.5	0.32	1.0	1.5	0.3	3.0	0.5	0.32	1.0	0.8	0.3	1.5	0.5	0.32	1.0
2500.	29.5	0.3	18.0	2.5	0.79	1.0	2.8	0.3	5.5	0.5	0.79	1.0	1.8	0.3	3.5	0.5	0.79	1.0
5000.	79.5	0.3	31.0	3.5	1.59	1.0	9.3	0.3	9.5	1.5	1.59	1.0	2.8	0.3	5.5	0.5	1.59	1.0
15000.	472.6	0.3	>50.0	9.5	4.76	1.0	39.0	0.3	21.0	2.5	4.76	1.0	14.8	0.3	12.5	1.5	4.76	1.0
25000.	572.1	0.3	>50.0	11.5	7.93	1.0	79.5	0.3	31.0	3.5	7.93	1.0	29.5	0.3	18.0	2.5	7.93	1.0
35000.	671.6	0.3	>50.0	13.5	11.11	1.0	223.9	0.3	>50.0	4.5	11.11	1.0	46.8	0.3	23.5	2.5	11.11	1.0
50000.	721.4	0.3	>50.0	14.5	15.86	1.0	323.4	0.3	>50.0	6.5	15.86	1.0	79.5	0.3	31.0	3.5	15.86	1.0

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MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	0.3	0.3	0.5	0.5	0.03	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
500.	0.5	0.3	1.0	0.5	0.07	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
750.	0.8	0.3	1.5	0.5	0.10	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
1000.	1.0	0.3	2.0	0.5	0.13	0.5	0.3	0.3	0.5	0.5	0.13	0.5	0.0	0.0	0.0	0.0	0.0	0.0
2500.	9.3	0.3	7.5	1.5	0.33	0.5	0.5	0.3	1.0	0.5	0.33	0.5	0.3	0.3	0.5	0.5	0.33	0.5
5000.	40.0	0.3	16.0	3.5	0.66	0.5	1.0	0.3	2.0	0.5	0.66	0.5	0.5	0.3	1.0	0.5	0.66	0.5
15000.	472.6	0.3	>50.0	9.5	1.98	0.5	12.0	0.3	9.0	1.5	1.98	0.5	1.8	0.3	3.5	0.5	1.98	0.5
25000.	820.9	0.3	>50.0	16.5	3.31	0.5	40.0	0.3	16.0	3.5	3.31	0.5	9.3	0.3	7.5	1.5	3.31	0.5
35000.	1019.9	0.3	>50.0	20.5	4.63	0.5	80.0	0.3	23.0	4.5	4.63	0.5	18.8	0.3	10.5	2.5	4.63	0.5
50000.	1169.1	0.3	>50.0	23.5	6.61	0.5	169.8	0.3	34.5	6.5	6.61	0.5	40.0	0.3	16.0	3.5	6.61	0.5

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MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	1.8	1.3	3.5	0.5	0.03	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	3.0	0.8	6.0	0.5	0.05	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	3.8	0.8	7.5	0.5	0.06	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	22.5	0.8	17.0	1.5	0.16	2.0	1.8	1.3	3.5	0.5	0.16	2.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	85.8	0.8	34.5	3.5	0.32	2.0	3.8	0.8	7.5	0.5	0.32	2.0	1.8	1.3	3.5	0.5	0.32	2.0
15000.	467.9	0.8	>50.0	9.5	0.97	2.0	34.5	0.8	20.0	2.5	0.97	2.0	12.0	0.8	11.0	1.5	0.97	2.0
25000.	572.1	0.3	>50.0	11.5	1.62	2.0	85.8	0.8	34.5	3.5	1.62	2.0	22.5	0.8	17.0	1.5	1.62	2.0
35000.	671.6	0.3	>50.0	13.5	2.26	2.0	221.6	0.8	>50.0	4.5	2.26	2.0	42.8	0.8	22.5	2.5	2.26	2.0
50000.	721.4	0.3	>50.0	14.5	3.23	2.0	320.1	0.8	>50.0	6.5	3.23	2.0	85.8	0.8	34.5	3.5	3.23	2.0

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MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.5	0.3	1.0	0.5	0.03	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
750.	0.8	0.3	1.5	0.5	0.04	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
1000.	1.0	0.3	2.0	0.5	0.05	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
2500.	9.3	0.3	7.5	1.5	0.13	0.5	0.5	0.3	1.0	0.5	0.13	0.5	0.0	0.0	0.0	0.0	0.0	0.0
5000.	40.0	0.3	16.0	3.5	0.27	0.5	1.0	0.3	2.0	0.5	0.27	0.5	0.5	0.3	1.0	0.5	0.27	0.5
15000.	472.6	0.3	>50.0	9.5	0.80	0.5	12.0	0.3	9.0	1.5	0.80	0.5	1.8	0.3	3.5	0.5	0.80	0.5
25000.	820.9	0.3	>50.0	16.5	1.34	0.5	40.0	0.3	16.0	3.5	1.34	0.5	9.3	0.3	7.5	1.5	1.34	0.5
35000.	1019.9	0.3	>50.0	20.5	1.87	0.5	80.0	0.3	23.0	4.5	1.87	0.5	18.8	0.3	10.5	2.5	1.87	0.5
50000.	1169.1	0.3	>50.0	23.5	2.67	0.5	169.8	0.3	34.5	6.5	2.67	0.5	40.0	0.3	16.0	3.5	2.67	0.5
75000.	1368.1	0.3	>50.0	27.5	4.01	0.5	472.6	0.3	>50.0	9.5	4.01	0.5	90.0	0.3	25.0	4.5	4.01	0.5
100000.	1467.6	0.3	>50.0	29.5	5.35	0.5	621.9	0.3	>50.0	12.5	5.35	0.5	169.8	0.3	34.5	6.5	5.35	0.5

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MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	1.5	2.8	3.0	0.5	0.02	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	17.8	1.8	14.5	1.5	0.06	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	78.3	1.3	34.5	3.5	0.12	4.0	1.5	2.8	3.0	0.5	0.12	4.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	414.4	1.3	>50.0	8.5	0.35	4.0	23.3	1.8	17.5	1.5	0.35	4.0	4.0	1.8	8.0	0.5	0.35	4.0
25000.	566.4	0.8	>50.0	11.5	0.58	4.0	78.3	1.3	34.5	3.5	0.58	4.0	17.8	1.8	14.5	1.5	0.58	4.0
35000.	615.6	0.8	>50.0	12.5	0.81	4.0	219.4	1.3	>50.0	4.5	0.81	4.0	36.0	1.3	21.0	2.5	0.81	4.0
50000.	714.1	0.8	>50.0	14.5	1.16	4.0	316.9	1.3	>50.0	6.5	1.16	4.0	78.3	1.3	34.5	3.5	1.16	4.0
75000.	763.4	0.8	>50.0	15.5	1.74	4.0	414.4	1.3	>50.0	8.5	1.74	4.0	219.4	1.3	>50.0	4.5	1.74	4.0
100000.	812.6	0.8	>50.0	16.5	2.32	4.0	511.9	1.3	>50.0	10.5	2.32	4.0	316.9	1.3	>50.0	6.5	2.32	4.0

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MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.5	0.8	1.0	0.5	0.03	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.8	0.8	1.5	0.5	0.04	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	8.8	0.3	7.5	1.5	0.10	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	40.0	0.3	16.0	3.5	0.19	1.0	0.8	0.8	1.5	0.5	0.19	1.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	472.6	0.3	>50.0	9.5	0.57	1.0	12.0	0.3	9.0	1.5	0.57	1.0	2.0	0.3	4.0	0.5	0.57	1.0
25000.	820.9	0.3	>50.0	16.5	0.96	1.0	40.0	0.3	16.0	3.5	0.96	1.0	8.8	0.3	7.5	1.5	0.96	1.0
35000.	1019.9	0.3	>50.0	20.5	1.34	1.0	79.5	0.3	23.0	4.5	1.34	1.0	19.3	0.3	10.5	2.5	1.34	1.0
50000.	1169.1	0.3	>50.0	23.5	1.91	1.0	169.8	0.3	34.5	6.5	1.91	1.0	40.0	0.3	16.0	3.5	1.91	1.0
75000.	1368.1	0.3	>50.0	27.5	2.87	1.0	472.6	0.3	>50.0	9.5	2.87	1.0	89.5	0.3	25.0	4.5	2.87	1.0
100000.	1467.6	0.3	>50.0	29.5	3.82	1.0	621.9	0.3	>50.0	12.5	3.82	1.0	169.8	0.3	34.5	6.5	3.82	1.0

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MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	7.5	3.8	10.0	1.5	0.03	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	77.5	2.8	33.0	3.5	0.06	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	410.1	1.8	>50.0	8.5	0.17	6.5	16.5	3.3	14.0	1.5	0.17	6.5	0.0	0.0	0.0	0.0	0.0	0.0
25000.	554.9	1.8	>50.0	11.5	0.29	6.5	77.5	2.8	33.0	3.5	0.29	6.5	7.5	3.8	10.0	1.5	0.29	6.5
35000.	603.1	1.8	>50.0	12.5	0.40	6.5	214.9	2.3	>50.0	4.5	0.40	6.5	28.8	2.8	21.5	1.5	0.40	6.5
50000.	699.6	1.8	>50.0	14.5	0.57	6.5	310.4	2.3	>50.0	6.5	0.57	6.5	77.5	2.8	33.0	3.5	0.57	6.5
75000.	755.6	1.3	>50.0	15.5	0.86	6.5	410.1	1.8	>50.0	8.5	0.86	6.5	214.9	2.3	>50.0	4.5	0.86	6.5
100000.	804.4	1.3	>50.0	16.5	1.15	6.5	506.6	1.8	>50.0	10.5	1.15	6.5	310.4	2.3	>50.0	6.5	1.15	6.5

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MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 1500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	60.8	6.8	28.5	2.5	0.04	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	388.9	4.3	>50.0	8.5	0.11	12.0	3.3	11.8	6.5	0.5	0.11	12.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	531.9	3.8	>50.0	11.5	0.19	12.0	60.8	6.8	28.5	2.5	0.19	12.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	578.1	3.8	>50.0	12.5	0.26	12.0	199.1	5.8	>50.0	4.5	0.26	12.0	15.8	11.8	11.5	1.5	0.26	12.0
50000.	677.9	3.3	>50.0	14.5	0.38	12.0	294.1	4.8	>50.0	6.5	0.38	12.0	60.8	6.8	28.5	2.5	0.38	12.0
75000.	724.6	3.3	>50.0	15.5	0.56	12.0	388.9	4.3	>50.0	8.5	0.56	12.0	201.4	5.3	>50.0	4.5	0.56	12.0
100000.	771.4	3.3	>50.0	16.5	0.75	12.0	480.4	4.3	>50.0	10.5	0.75	12.0	294.1	4.8	>50.0	6.5	0.75	12.0

117

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	0.3	0.3	0.5	0.5	0.03	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
500.	0.3	0.3	0.5	0.5	0.07	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
750.	0.5	0.3	1.0	0.5	0.10	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
1000.	0.5	0.3	1.0	0.5	0.13	0.5	0.3	0.3	0.5	0.5	0.13	0.5	0.0	0.0	0.0	0.0	0.0	0.0
2500.	1.5	0.3	3.0	0.5	0.33	0.5	0.3	0.3	0.5	0.5	0.33	0.5	0.3	0.3	0.5	0.5	0.33	0.5
5000.	9.3	0.3	7.5	1.5	0.66	0.5	0.5	0.3	1.0	0.5	0.66	0.5	0.3	0.3	0.5	0.5	0.66	0.5
15000.	90.0	0.3	25.0	4.5	1.99	0.5	1.8	0.3	3.5	0.5	1.99	0.5	0.8	0.3	1.5	0.5	1.99	0.5
25000.	268.0	0.3	44.0	8.5	3.31	0.5	9.3	0.3	7.5	1.5	3.31	0.5	1.5	0.3	3.0	0.5	3.31	0.5
35000.	572.1	0.3	>50.0	11.5	4.64	0.5	18.3	0.3	10.5	2.5	4.64	0.5	2.5	0.3	4.0	1.5	4.64	0.5

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MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	0.0	0.0	0.0	0.0	0.0	0.0
50.	0.3	0.3	0.5	0.5	0.04	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
100.	0.5	0.3	1.0	0.5	0.07	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
250.	1.0	0.3	2.0	0.5	0.19	0.5	0.3	0.3	0.5	0.5	0.19	0.5	0.0	0.0	0.0	0.0	0.0	0.0
500.	1.8	0.3	3.5	0.5	0.37	0.5	0.5	0.3	1.0	0.5	0.37	0.5	0.3	0.3	0.5	0.5	0.37	0.5
750.	2.5	0.3	5.0	0.5	0.56	0.5	0.8	0.3	1.5	0.5	0.56	0.5	0.5	0.3	1.0	0.5	0.56	0.5
1000.	3.0	0.3	6.0	0.5	0.74	0.5	1.0	0.3	2.0	0.5	0.74	0.5	0.5	0.3	1.0	0.5	0.74	0.5
2500.	12.5	0.3	11.0	1.5	1.86	0.5	1.8	0.3	3.5	0.5	1.86	0.5	1.0	0.3	2.0	0.5	1.86	0.5
5000.	30.8	0.3	18.5	2.5	3.71	0.5	3.0	0.3	6.0	0.5	3.71	0.5	1.8	0.3	3.5	0.5	3.71	0.5
15000.	223.9	0.3	>50.0	4.5	11.13	0.5	15.3	0.3	12.5	1.5	11.13	0.5	5.0	0.3	8.0	1.5	11.13	0.5
25000.	373.1	0.3	>50.0	7.5	18.55	0.5	30.8	0.3	18.5	2.5	18.55	0.5	12.5	0.3	11.0	1.5	18.55	0.5
35000.	472.6	0.3	>50.0	9.5	25.97	0.5	46.8	0.3	23.5	2.5	25.97	0.5	18.0	0.3	14.0	1.5	25.97	0.5

119

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	0.3	0.3	0.5	0.5	0.03	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
500.	0.3	0.3	0.5	0.5	0.06	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
750.	0.5	0.3	1.0	0.5	0.09	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
1000.	0.5	0.3	1.0	0.5	0.11	0.5	0.3	0.3	0.5	0.5	0.11	0.5	0.0	0.0	0.0	0.0	0.0	0.0
2500.	1.5	0.3	3.0	0.5	0.28	0.5	0.3	0.3	0.5	0.5	0.28	0.5	0.3	0.3	0.5	0.5	0.28	0.5
5000.	9.3	0.3	7.5	1.5	0.57	0.5	0.5	0.3	1.0	0.5	0.57	0.5	0.3	0.3	0.5	0.5	0.57	0.5
15000.	90.0	0.3	25.0	4.5	1.71	0.5	1.8	0.3	3.5	0.5	1.71	0.5	0.8	0.3	1.5	0.5	1.71	0.5
25000.	268.0	0.3	44.0	8.5	2.85	0.5	9.3	0.3	7.5	1.5	2.85	0.5	1.5	0.3	3.0	0.5	2.85	0.5
35000.	572.1	0.3	>50.0	11.5	3.98	0.5	18.3	0.3	10.5	2.5	3.98	0.5	2.5	0.3	4.0	1.5	3.98	0.5
50000.	820.9	0.3	>50.0	16.5	5.69	0.5	40.5	0.3	16.0	3.5	5.69	0.5	9.3	0.3	7.5	1.5	5.69	0.5

120

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	1.0	0.3	2.0	0.5	0.04	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	1.8	0.3	3.5	0.5	0.08	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	2.3	0.3	4.5	0.5	0.12	1.0	0.5	0.3	1.0	0.5	0.12	1.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	2.8	0.3	5.5	0.5	0.16	1.0	0.8	0.3	1.5	0.5	0.16	1.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	12.5	0.3	11.0	1.5	0.40	1.0	1.8	0.3	3.5	0.5	0.40	1.0	1.0	0.3	2.0	0.5	0.40	1.0
5000.	29.5	0.3	18.0	2.5	0.79	1.0	2.8	0.3	5.5	0.5	0.79	1.0	1.8	0.3	3.5	0.5	0.79	1.0
15000.	223.9	0.3	>50.0	4.5	2.38	1.0	14.8	0.3	12.5	1.5	2.38	1.0	3.8	0.3	7.5	0.5	2.38	1.0
25000.	373.1	0.3	>50.0	7.5	3.97	1.0	29.5	0.3	18.0	2.5	3.97	1.0	12.5	0.3	11.0	1.5	3.97	1.0
35000.	472.6	0.3	>50.0	9.5	5.55	1.0	46.8	0.3	23.5	2.5	5.55	1.0	17.5	0.3	14.0	1.5	5.55	1.0
50000.	572.1	0.3	>50.0	11.5	7.93	1.0	79.5	0.3	31.0	3.5	7.93	1.0	29.5	0.3	18.0	2.5	7.93	1.0

121

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.3	0.3	0.5	0.5	0.03	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
750.	0.5	0.3	1.0	0.5	0.05	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
1000.	0.5	0.3	1.0	0.5	0.07	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
2500.	1.5	0.3	3.0	0.5	0.17	0.5	0.3	0.3	0.5	0.5	0.17	0.5	0.0	0.0	0.0	0.0	0.0	0.0
5000.	9.3	0.3	7.5	1.5	0.33	0.5	0.5	0.3	1.0	0.5	0.33	0.5	0.3	0.3	0.5	0.5	0.33	0.5
15000.	90.0	0.3	25.0	4.5	0.99	0.5	1.8	0.3	3.5	0.5	0.99	0.5	0.8	0.3	1.5	0.5	0.99	0.5
25000.	268.0	0.3	44.0	8.5	1.65	0.5	9.3	0.3	7.5	1.5	1.65	0.5	1.5	0.3	3.0	0.5	1.65	0.5
35000.	572.1	0.3	>50.0	11.5	2.31	0.5	18.8	0.3	10.5	2.5	2.31	0.5	3.0	0.3	5.0	1.5	2.31	0.5
50000.	820.9	0.3	>50.0	16.5	3.31	0.5	40.0	0.3	16.0	3.5	3.31	0.5	9.3	0.3	7.5	1.5	3.31	0.5

122

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	1.0	1.3	2.0	0.5	0.02	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	1.8	1.3	3.5	0.5	0.03	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	8.3	0.8	9.5	1.5	0.08	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	22.5	0.8	17.0	1.5	0.16	2.0	1.8	1.3	3.5	0.5	0.16	2.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	221.6	0.8	>50.0	4.5	0.49	2.0	12.0	0.8	11.0	1.5	0.49	2.0	3.0	0.8	6.0	0.5	0.49	2.0
25000.	369.4	0.8	>50.0	7.5	0.81	2.0	22.5	0.8	17.0	1.5	0.81	2.0	8.3	0.8	9.5	1.5	0.81	2.0
35000.	472.6	0.3	>50.0	9.5	1.13	2.0	42.8	0.8	22.5	2.5	1.13	2.0	14.8	0.8	12.5	1.5	1.13	2.0
50000.	572.1	0.3	>50.0	11.5	1.62	2.0	85.8	0.8	34.5	3.5	1.62	2.0	22.5	0.8	17.0	1.5	1.62	2.0

123

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.3	0.3	0.5	0.5	0.02	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
1000.	0.5	0.3	1.0	0.5	0.03	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
2500.	1.3	0.3	2.5	0.5	0.07	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
5000.	9.3	0.3	7.5	1.5	0.13	0.5	0.5	0.3	1.0	0.5	0.13	0.5	0.0	0.0	0.0	0.0	0.0	0.0
15000.	90.0	0.3	25.0	4.5	0.40	0.5	1.8	0.3	3.5	0.5	0.40	0.5	0.8	0.3	1.5	0.5	0.40	0.5
25000.	268.0	0.3	44.0	8.5	0.67	0.5	9.3	0.3	7.5	1.5	0.67	0.5	1.3	0.3	2.5	0.5	0.67	0.5
35000.	572.1	0.3	>50.0	11.5	0.94	0.5	18.8	0.3	10.5	2.5	0.94	0.5	3.0	0.3	5.0	1.5	0.94	0.5
50000.	820.9	0.3	>50.0	16.5	1.34	0.5	40.0	0.3	16.0	3.5	1.34	0.5	9.3	0.3	7.5	1.5	1.34	0.5
75000.	1069.6	0.3	>50.0	21.5	2.00	0.5	90.0	0.3	25.0	4.5	2.00	0.5	21.3	0.3	11.5	2.5	2.00	0.5
100000.	1169.1	0.3	>50.0	23.5	2.67	0.5	169.8	0.3	34.5	6.5	2.67	0.5	40.0	0.3	16.0	3.5	2.67	0.5

124

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	3.0	2.3	6.0	0.5	0.03	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	17.8	1.8	14.5	1.5	0.06	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	219.4	1.3	>50.0	4.5	0.17	4.0	4.0	1.8	8.0	0.5	0.17	4.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	365.6	1.3	>50.0	7.5	0.29	4.0	17.8	1.8	14.5	1.5	0.29	4.0	3.0	2.3	6.0	0.5	0.29	4.0
35000.	463.1	1.3	>50.0	9.5	0.41	4.0	36.0	1.3	21.0	2.5	0.41	4.0	8.3	1.8	9.5	1.5	0.41	4.0
50000.	566.4	0.8	>50.0	11.5	0.58	4.0	78.3	1.3	34.5	3.5	0.58	4.0	17.8	1.8	14.5	1.5	0.58	4.0
75000.	664.9	0.8	>50.0	13.5	0.87	4.0	219.4	1.3	>50.0	4.5	0.87	4.0	45.8	1.3	25.5	2.5	0.87	4.0
100000.	714.1	0.8	>50.0	14.5	1.16	4.0	316.9	1.3	>50.0	6.5	1.16	4.0	78.3	1.3	34.5	3.5	1.16	4.0

125

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVFL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	1.0	0.8	2.0	0.5	0.05	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	8.8	0.3	7.5	1.5	0.10	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	89.5	0.3	25.0	4.5	0.29	1.0	2.0	0.3	4.0	0.5	0.29	1.0	0.5	0.8	1.0	0.5	0.29	1.0
25000.	268.5	0.3	44.0	8.5	0.48	1.0	8.8	0.3	7.5	1.5	0.48	1.0	1.0	0.8	2.0	0.5	0.48	1.0
35000.	572.1	0.3	>50.0	11.5	0.67	1.0	19.3	0.3	10.5	2.5	0.67	1.0	3.5	0.3	5.0	1.5	0.67	1.0
50000.	820.9	0.3	>50.0	16.5	0.96	1.0	40.0	0.3	16.0	3.5	0.96	1.0	8.8	0.3	7.5	1.5	0.96	1.0
75000.	1069.6	0.3	>50.0	21.5	1.43	1.0	89.5	0.3	25.0	4.5	1.43	1.0	21.8	0.3	11.5	2.5	1.43	1.0
100000.	1169.1	0.3	>50.0	23.5	1.91	1.0	169.8	0.3	34.5	6.5	1.91	1.0	40.0	0.3	16.0	3.5	1.91	1.0

126

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	7.5	3.8	10.0	1.5	0.03	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	214.9	2.3	>50.0	4.5	0.09	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	358.1	2.3	>50.0	7.5	0.14	6.5	7.5	3.8	10.0	1.5	0.14	6.5	0.0	0.0	0.0	0.0	0.0	0.0
35000.	458.4	1.8	>50.0	9.5	0.20	6.5	28.8	2.8	21.5	1.5	0.20	6.5	0.3	6.3	0.5	0.5	0.20	6.5
50000.	554.9	1.8	>50.0	11.5	0.29	6.5	77.5	2.8	33.0	3.5	0.29	6.5	7.5	3.8	10.0	1.5	0.29	6.5
75000.	651.4	1.8	>50.0	13.5	0.43	6.5	214.9	2.3	>50.0	4.5	0.43	6.5	33.8	2.8	23.5	2.5	0.43	6.5
100000.	699.6	1.8	>50.0	14.5	0.57	6.5	310.4	2.3	>50.0	6.5	0.57	6.5	77.5	2.8	33.0	3.5	0.57	6.5

127

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 1500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	201.4	5.3	>50.0	4.5	0.06	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	339.4	4.8	>50.0	7.5	0.09	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	434.6	4.3	>50.0	9.5	0.13	12.0	15.8	11.8	11.5	1.5	0.13	12.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	531.9	3.8	>50.0	11.5	0.19	12.0	60.8	6.8	28.5	2.5	0.19	12.0	0.0	0.0	0.0	0.0	0.0	0.0
75000.	624.4	3.8	>50.0	13.5	0.28	12.0	201.4	5.3	>50.0	4.5	0.28	12.0	20.8	9.3	16.5	1.5	0.28	12.0
100000.	677.9	3.3	>50.0	14.5	0.38	12.0	294.1	4.8	>50.0	6.5	0.38	12.0	60.8	6.8	28.5	2.5	0.38	12.0

128

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	0.3	0.3	0.5	0.5	0.02	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
500.	0.3	0.3	0.5	0.5	0.04	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
750.	0.3	0.3	0.5	0.5	0.07	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
1000.	0.5	0.3	1.0	0.5	0.09	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
2500.	0.8	0.3	1.5	0.5	0.22	0.5	0.3	0.3	0.5	0.5	0.22	0.5	0.3	0.3	0.5	0.5	0.22	0.5
5000.	1.8	0.3	3.5	0.5	0.44	0.5	0.5	0.3	1.0	0.5	0.44	0.5	0.3	0.3	0.5	0.5	0.44	0.5
15000.	40.5	0.3	16.0	3.5	1.33	0.5	0.8	0.3	1.5	0.5	1.33	0.5	0.5	0.3	1.0	0.5	1.33	0.5
25000.	115.5	0.3	28.0	5.5	2.21	0.5	1.8	0.3	3.5	0.5	2.21	0.5	0.8	0.3	1.5	0.5	2.21	0.5
35000.	233.0	0.3	41.0	7.5	3.09	0.5	8.0	0.3	7.0	1.5	3.09	0.5	1.5	0.3	3.0	0.5	3.09	0.5

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MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	0.0	0.0	0.0	0.0	0.0	0.0
50.	0.3	0.3	0.5	0.5	0.02	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
100.	0.3	0.3	0.5	0.5	0.05	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
250.	0.8	0.3	1.5	0.5	0.12	0.5	0.3	0.3	0.5	0.5	0.12	0.5	0.0	0.0	0.0	0.0	0.0	0.0
500.	1.3	0.3	2.5	0.5	0.25	0.5	0.3	0.3	0.5	0.5	0.25	0.5	0.3	0.3	0.5	0.5	0.25	0.5
750.	1.8	0.3	3.5	0.5	0.37	0.5	0.5	0.3	1.0	0.5	0.37	0.5	0.3	0.3	0.5	0.5	0.37	0.5
1000.	2.3	0.3	4.5	0.5	0.49	0.5	0.8	0.3	1.5	0.5	0.49	0.5	0.3	0.3	0.5	0.5	0.49	0.5
2500.	6.8	0.3	8.5	1.5	1.24	0.5	1.3	0.3	2.5	0.5	1.24	0.5	0.8	0.3	1.5	0.5	1.24	0.5
5000.	16.8	0.3	13.5	1.5	2.47	0.5	2.3	0.3	4.5	0.5	2.47	0.5	1.3	0.3	2.5	0.5	2.47	0.5
15000.	81.0	0.3	31.0	3.5	7.42	0.5	9.3	0.3	9.5	1.5	7.42	0.5	3.0	0.3	6.0	0.5	7.42	0.5
25000.	273.6	0.3	>50.0	5.5	12.37	0.5	16.8	0.3	13.5	1.5	12.37	0.5	6.8	0.3	8.5	1.5	12.37	0.5
35000.	373.1	0.3	>50.0	7.5	17.31	0.5	26.3	0.3	17.5	2.5	17.31	0.5	11.8	0.3	10.5	1.5	17.31	0.5

130

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.3	0.3	0.5	0.5	0.04	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
750.	0.3	0.3	0.5	0.5	0.06	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
1000.	0.5	0.3	1.0	0.5	0.08	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
2500.	0.8	0.3	1.5	0.5	0.19	0.5	0.3	0.3	0.5	0.5	0.19	0.5	0.0	0.0	0.0	0.0	0.0	0.0
5000.	1.8	0.3	3.5	0.5	0.38	0.5	0.5	0.3	1.0	0.5	0.38	0.5	0.3	0.3	0.5	0.5	0.38	0.5
15000.	40.5	0.3	16.0	3.5	1.14	0.5	1.0	0.3	2.0	0.5	1.14	0.5	0.5	0.3	1.0	0.5	1.14	0.5
25000.	115.5	0.3	28.0	5.5	1.90	0.5	1.8	0.3	3.5	0.5	1.90	0.5	0.8	0.3	1.5	0.5	1.90	0.5
35000.	233.0	0.3	41.0	7.5	2.66	0.5	8.0	0.3	7.0	1.5	2.66	0.5	1.5	0.3	3.0	0.5	2.66	0.5
50000.	522.4	0.3	>50.0	10.5	3.79	0.5	16.5	0.3	10.0	2.5	3.79	0.5	1.8	0.3	3.5	0.5	3.79	0.5

131

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	0.5	0.3	1.0	0.5	0.03	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	1.3	0.3	2.5	0.5	0.05	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	1.8	0.3	3.5	0.5	0.08	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	2.0	0.3	4.0	0.5	0.11	1.0	0.5	0.3	1.0	0.5	0.11	1.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	5.5	0.3	8.0	1.5	0.26	1.0	1.3	0.3	2.5	0.5	0.26	1.0	0.5	0.3	1.0	0.5	0.26	1.0
5000.	16.8	0.3	13.5	1.5	0.53	1.0	2.0	0.3	4.0	0.5	0.53	1.0	1.3	0.3	2.5	0.5	0.53	1.0
15000.	79.5	0.3	31.0	3.5	1.59	1.0	9.3	0.3	9.5	1.5	1.59	1.0	2.8	0.3	5.5	0.5	1.59	1.0
25000.	273.6	0.3	>50.0	5.5	2.64	1.0	16.8	0.3	13.5	1.5	2.64	1.0	5.5	0.3	8.0	1.5	2.64	1.0
35000.	373.1	0.3	>50.0	7.5	3.70	1.0	23.3	0.3	17.5	1.5	3.70	1.0	10.8	0.3	10.5	1.5	3.70	1.0
50000.	472.6	0.3	>50.0	9.5	5.29	1.0	43.8	0.3	22.5	2.5	5.29	1.0	16.8	0.3	13.5	1.5	5.29	1.0

132

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.3	0.3	0.5	0.5	0.02	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
750.	0.3	0.3	0.5	0.5	0.03	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
1000.	0.3	0.3	0.5	0.5	0.04	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
2500.	0.8	0.3	1.5	0.5	0.11	0.5	0.3	0.3	0.5	0.5	0.11	0.5	0.0	0.0	0.0	0.0	0.0	0.0
5000.	1.8	0.3	3.5	0.5	0.22	0.5	0.3	0.3	0.5	0.5	0.22	0.5	0.3	0.3	0.5	0.5	0.22	0.5
15000.	40.0	0.3	16.0	3.5	0.66	0.5	1.0	0.3	2.0	0.5	0.66	0.5	0.5	0.3	1.0	0.5	0.66	0.5
25000.	116.0	0.3	28.0	5.5	1.10	0.5	1.8	0.3	3.5	0.5	1.10	0.5	0.8	0.3	1.5	0.5	1.10	0.5
35000.	233.0	0.3	41.0	7.5	1.54	0.5	8.0	0.3	7.0	1.5	1.54	0.5	1.5	0.3	3.0	0.5	1.54	0.5
50000.	522.4	0.3	>50.0	10.5	2.20	0.5	17.0	0.3	10.0	2.5	2.20	0.5	1.8	0.3	3.5	0.5	2.20	0.5

133

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.5	1.8	1.0	0.5	0.02	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	3.3	0.8	6.5	0.5	0.05	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	14.0	0.8	12.0	1.5	0.11	2.0	0.5	1.8	1.0	0.5	0.11	2.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	85.8	0.8	34.5	3.5	0.32	2.0	3.8	0.8	7.5	0.5	0.32	2.0	1.8	1.3	3.5	0.5	0.32	2.0
25000.	270.9	0.8	>50.0	5.5	0.54	2.0	14.0	0.8	12.0	1.5	0.54	2.0	3.3	0.8	6.5	0.5	0.54	2.0
35000.	369.4	0.8	>50.0	7.5	0.75	2.0	21.0	0.8	16.0	1.5	0.75	2.0	7.5	0.8	9.0	1.5	0.75	2.0
50000.	472.6	0.3	>50.0	9.5	1.08	2.0	40.3	0.8	21.5	2.5	1.08	2.0	14.0	0.8	12.0	1.5	1.08	2.0

134

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	1.0	0.3	2.0	0.5	0.04	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
5000.	1.8	0.3	3.5	0.5	0.09	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
15000.	40.0	0.3	16.0	3.5	0.27	0.5	1.0	0.3	2.0	0.5	0.27	0.5	0.5	0.3	1.0	0.5	0.27	0.5
25000.	116.0	0.3	28.0	5.5	0.45	0.5	1.8	0.3	3.5	0.5	0.45	0.5	1.0	0.3	2.0	0.5	0.45	0.5
35000.	233.0	0.3	41.0	7.5	0.62	0.5	8.0	0.3	7.0	1.5	0.62	0.5	1.3	0.3	2.5	0.5	0.62	0.5
50000.	522.4	0.3	>50.0	10.5	0.89	0.5	17.0	0.3	10.0	2.5	0.89	0.5	1.8	0.3	3.5	0.5	0.89	0.5
75000.	820.9	0.3	>50.0	16.5	1.34	0.5	40.0	0.3	16.0	3.5	1.34	0.5	9.3	0.3	7.5	1.5	1.34	0.5
100000.	970.1	0.3	>50.0	19.5	1.78	0.5	73.5	0.3	22.0	4.5	1.78	0.5	17.0	0.3	10.0	2.5	1.78	0.5

135

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	6.5	1.8	9.0	1.5	0.04	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	78.3	1.3	34.5	3.5	0.12	4.0	1.5	2.8	3.0	0.5	0.12	4.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	268.1	1.3	>50.0	5.5	0.19	4.0	6.5	1.8	9.0	1.5	0.19	4.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	365.6	1.3	>50.0	7.5	0.27	4.0	16.3	1.8	13.5	1.5	0.27	4.0	2.5	2.3	5.0	0.5	0.27	4.0
50000.	463.1	1.3	>50.0	9.5	0.39	4.0	31.5	1.3	20.0	2.5	0.39	4.0	6.5	1.8	9.0	1.5	0.39	4.0
75000.	566.4	0.8	>50.0	11.5	0.58	4.0	78.3	1.3	34.5	3.5	0.58	4.0	17.8	1.8	14.5	1.5	0.58	4.0
100000.	615.6	0.8	>50.0	12.5	0.77	4.0	146.8	1.3	45.5	4.5	0.77	4.0	31.5	1.3	20.0	2.5	0.77	4.0

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MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2 LB/HR	ISOPLETH LEVEL=.02 PPM AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	ISOPLETH LEVEL=.10 PPM AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	ISOPLETH LEVEL=.20 PPM AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.8	0.8	1.5	0.5	0.03	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	2.3	0.3	4.5	0.5	0.06	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	40.0	0.3	16.0	3.5	0.19	1.0	0.8	0.8	1.5	0.5	0.19	1.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	115.5	0.3	28.0	5.5	0.32	1.0	2.3	0.3	4.5	0.5	0.32	1.0	0.8	0.8	1.5	0.5	0.32	1.0
35000.	233.5	0.3	41.0	7.5	0.45	1.0	8.0	0.3	7.0	1.5	0.45	1.0	1.0	0.8	2.0	0.5	0.45	1.0
50000.	522.4	0.3	>50.0	10.5	0.64	1.0	17.0	0.3	10.0	2.5	0.64	1.0	2.3	0.3	4.5	0.5	0.64	1.0
75000.	820.9	0.3	>50.0	16.5	0.96	1.0	40.0	0.3	16.0	3.5	0.96	1.0	8.8	0.3	7.5	1.5	0.96	1.0
100000.	970.1	0.3	>50.0	19.5	1.27	1.0	73.0	0.3	22.0	4.5	1.27	1.0	17.0	0.3	10.0	2.5	1.27	1.0

137

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2 LB/HR	ISOPLETH LEVEL=.02 PPM AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	ISOPLETH LEVEL=.10 PPM AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	ISOPLETH LEVEL=.20 PPM AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	77.5	2.8	33.0	3.5	0.06	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	262.6	2.3	>50.0	5.5	0.10	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	358.1	2.3	>50.0	7.5	0.13	6.5	4.3	3.8	8.5	0.5	0.13	6.5	0.0	0.0	0.0	0.0	0.0	0.0
50000.	458.4	1.8	>50.0	9.5	0.19	6.5	25.3	3.3	19.5	1.5	0.19	6.5	0.0	0.0	0.0	0.0	0.0	0.0
75000.	554.9	1.8	>50.0	11.5	0.29	6.5	77.5	2.8	33.0	3.5	0.29	6.5	7.5	3.8	10.0	1.5	0.29	6.5
100000.	603.1	1.8	>50.0	12.5	0.38	6.5	144.5	2.3	45.0	4.5	0.38	6.5	25.3	3.3	19.5	1.5	0.38	6.5

138

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 1500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2 LB/HR	ISOPLETH LEVEL=.02 PPM AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	ISOPLETH LEVEL=.10 PPM AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	ISOPLETH LEVEL=.20 PPM AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	60.8	6.8	28.5	2.5	0.04	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	246.1	5.3	>50.0	5.5	0.06	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	339.4	4.8	>50.0	7.5	0.09	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	434.6	4.3	>50.0	9.5	0.13	12.0	13.5	11.8	10.0	1.5	0.13	12.0	0.0	0.0	0.0	0.0	0.0	0.0
75000.	531.9	3.8	>50.0	11.5	0.19	12.0	60.8	6.8	28.5	2.5	0.19	12.0	0.0	0.0	0.0	0.0	0.0	0.0
100000.	578.1	3.8	>50.0	12.5	0.25	12.0	132.8	5.8	41.5	4.5	0.25	12.0	13.5	11.8	10.0	1.5	0.25	12.0

139

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
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	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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.3	0.3	0.5	0.5	0.03	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
750.	0.3	0.3	0.5	0.5	0.04	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
1000.	0.3	0.3	0.5	0.5	0.05	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
2500.	0.5	0.3	1.0	0.5	0.13	0.5	0.3	0.3	0.5	0.5	0.13	0.5	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.8	0.3	1.5	0.5	0.27	0.5	0.3	0.3	0.5	0.5	0.27	0.5	0.3	0.3	0.5	0.5	0.27	0.5
15000.	12.0	0.3	9.0	1.5	0.80	0.5	0.5	0.3	1.0	0.5	0.80	0.5	0.5	0.3	1.0	0.5	0.80	0.5
25000.	40.5	0.3	16.0	3.5	1.33	0.5	0.8	0.3	1.5	0.5	1.33	0.5	0.5	0.3	1.0	0.5	1.33	0.5
35000.	80.0	0.3	23.0	4.5	1.86	0.5	1.5	0.3	3.0	0.5	1.86	0.5	0.8	0.3	1.5	0.5	1.86	0.5

140

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.	0.3	0.3	0.5	0.5	0.03	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
250.	0.5	0.3	1.0	0.5	0.07	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
500.	1.0	0.3	2.0	0.5	0.15	0.5	0.3	0.3	0.5	0.5	0.15	0.5	0.0	0.0	0.0	0.0	0.0	0.0
750.	1.3	0.3	2.5	0.5	0.22	0.5	0.3	0.3	0.5	0.5	0.22	0.5	0.3	0.3	0.5	0.5	0.22	0.5
1000.	1.5	0.3	3.0	0.5	0.30	0.5	0.5	0.3	1.0	0.5	0.30	0.5	0.3	0.3	0.5	0.5	0.30	0.5
2500.	3.0	0.3	6.0	0.5	0.74	0.5	1.0	0.3	2.0	0.5	0.74	0.5	0.5	0.3	1.0	0.5	0.74	0.5
5000.	9.3	0.3	9.5	1.5	1.48	0.5	1.5	0.3	3.0	0.5	1.48	0.5	1.0	0.3	2.0	0.5	1.48	0.5
15000.	39.0	0.3	21.0	2.5	4.45	0.5	3.3	0.3	6.5	0.5	4.45	0.5	2.0	0.3	4.0	0.5	4.45	0.5
25000.	81.0	0.3	31.0	3.5	7.42	0.5	9.3	0.3	9.5	1.5	7.42	0.5	3.0	0.3	6.0	0.5	7.42	0.5
35000.	223.9	0.3	>50.0	4.5	10.39	0.5	14.5	0.3	12.0	1.5	10.39	0.5	3.8	0.3	7.5	0.5	10.39	0.5

141

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
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	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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.3	0.3	0.5	0.5	0.02	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
750.	0.3	0.3	0.5	0.5	0.03	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
1000.	0.3	0.3	0.5	0.5	0.05	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
2500.	0.5	0.3	1.0	0.5	0.11	0.5	0.3	0.3	0.5	0.5	0.11	0.5	0.0	0.0	0.0	0.0	0.0	0.0
5000.	1.0	0.3	2.0	0.5	0.23	0.5	0.3	0.3	0.5	0.5	0.23	0.5	0.3	0.3	0.5	0.5	0.23	0.5
15000.	12.0	0.3	9.0	1.5	0.68	0.5	0.5	0.3	1.0	0.5	0.68	0.5	0.5	0.3	1.0	0.5	0.68	0.5
25000.	40.5	0.3	16.0	3.5	1.14	0.5	1.0	0.3	2.0	0.5	1.14	0.5	0.5	0.3	1.0	0.5	1.14	0.5
35000.	80.0	0.3	23.0	4.5	1.59	0.5	1.5	0.3	3.0	0.5	1.59	0.5	0.8	0.3	1.5	0.5	1.59	0.5
50000.	169.3	0.3	34.5	6.5	2.28	0.5	3.5	0.3	4.0	1.5	2.28	0.5	1.0	0.3	2.0	0.5	2.28	0.5

142

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.8	0.3	1.5	0.5	0.03	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	1.0	0.3	2.0	0.5	0.05	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	1.5	0.3	3.0	0.5	0.06	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	2.8	0.3	5.5	0.5	0.16	1.0	0.8	0.3	1.5	0.5	0.16	1.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	9.3	0.3	9.5	1.5	0.32	1.0	1.5	0.3	3.0	0.5	0.32	1.0	0.8	0.3	1.5	0.5	0.32	1.0
15000.	39.0	0.3	21.0	2.5	0.95	1.0	3.3	0.3	6.5	0.5	0.95	1.0	2.0	0.3	4.0	0.5	0.95	1.0
25000.	79.5	0.3	31.0	3.5	1.59	1.0	9.3	0.3	9.5	1.5	1.59	1.0	2.8	0.3	5.5	0.5	1.59	1.0
35000.	223.9	0.3	>50.0	4.5	2.22	1.0	14.0	0.3	12.0	1.5	2.22	1.0	3.5	0.3	7.0	0.5	2.22	1.0
50000.	323.4	0.3	>50.0	6.5	3.17	1.0	19.8	0.3	15.5	1.5	3.17	1.0	9.3	0.3	9.5	1.5	3.17	1.0

143

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.3	0.3	0.5	0.5	0.03	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
2500.	0.5	0.3	1.0	0.5	0.07	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
5000.	1.0	0.3	2.0	0.5	0.13	0.5	0.3	0.3	0.5	0.5	0.13	0.5	0.0	0.0	0.0	0.0	0.0	0.0
15000.	12.0	0.3	9.0	1.5	0.40	0.5	0.5	0.3	1.0	0.5	0.40	0.5	0.3	0.3	0.5	0.5	0.40	0.5
25000.	40.0	0.3	16.0	3.5	0.66	0.5	1.0	0.3	2.0	0.5	0.66	0.5	0.5	0.3	1.0	0.5	0.66	0.5
35000.	80.0	0.3	23.0	4.5	0.93	0.5	1.5	0.3	3.0	0.5	0.93	0.5	0.8	0.3	1.5	0.5	0.93	0.5
50000.	169.8	0.3	34.5	6.5	1.32	0.5	5.3	0.3	5.5	1.5	1.32	0.5	1.0	0.3	2.0	0.5	1.32	0.5

144

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	1.8	1.3	3.5	0.5	0.03	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	3.8	0.8	7.5	0.5	0.06	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	34.5	0.8	20.0	2.5	0.19	2.0	2.3	0.8	4.5	0.5	0.19	2.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	85.8	0.8	34.5	3.5	0.32	2.0	3.8	0.8	7.5	0.5	0.32	2.0	1.8	1.3	3.5	0.5	0.32	2.0
35000.	221.6	0.8	>50.0	4.5	0.45	2.0	10.8	0.8	10.5	1.5	0.45	2.0	2.8	0.8	5.5	0.5	0.45	2.0
50000.	320.1	0.8	>50.0	6.5	0.65	2.0	17.5	0.8	14.0	1.5	0.65	2.0	3.8	0.8	7.5	0.5	0.65	2.0

145

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.5	0.3	1.0	0.5	0.03	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
5000.	1.0	0.3	2.0	0.5	0.05	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
15000.	12.0	0.3	9.0	1.5	0.16	0.5	0.5	0.3	1.0	0.5	0.16	0.5	0.0	0.0	0.0	0.0	0.0	0.0
25000.	40.0	0.3	16.0	3.5	0.27	0.5	1.0	0.3	2.0	0.5	0.27	0.5	0.5	0.3	1.0	0.5	0.27	0.5
35000.	80.0	0.3	23.0	4.5	0.37	0.5	1.5	0.3	3.0	0.5	0.37	0.5	0.8	0.3	1.5	0.5	0.37	0.5
50000.	169.8	0.3	34.5	6.5	0.53	0.5	5.8	0.3	5.5	1.5	0.53	0.5	1.0	0.3	2.0	0.5	0.53	0.5
75000.	472.6	0.3	>50.0	9.5	0.80	0.5	12.0	0.3	9.0	1.5	0.80	0.5	1.8	0.3	3.5	0.5	0.80	0.5
100000.	621.9	0.3	>50.0	12.5	1.07	0.5	23.8	0.3	12.5	2.5	1.07	0.5	5.8	0.3	5.5	1.5	1.07	0.5

146

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
	AREA	DLF	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	1.5	2.8	3.0	0.5	0.02	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	23.3	1.8	17.5	1.5	0.07	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	78.3	1.3	34.5	3.5	0.12	4.0	1.5	2.8	3.0	0.5	0.12	4.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	219.4	1.3	>50.0	4.5	0.16	4.0	3.5	2.3	7.0	0.5	0.16	4.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	316.9	1.3	>50.0	6.5	0.23	4.0	12.3	1.8	11.5	1.5	0.23	4.0	1.5	2.8	3.0	0.5	0.23	4.0
75000.	414.4	1.3	>50.0	8.5	0.35	4.0	23.3	1.8	17.5	1.5	0.35	4.0	4.0	1.8	3.0	0.5	0.35	4.0
100000.	511.9	1.3	>50.0	10.5	0.46	4.0	52.0	1.3	27.0	2.5	0.46	4.0	12.3	1.8	11.5	1.5	0.46	4.0

147

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.8	0.8	1.5	0.5	0.04	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	12.0	0.3	9.0	1.5	0.11	1.0	0.3	0.8	0.5	0.5	0.11	1.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	40.0	0.3	16.0	3.5	0.19	1.0	0.8	0.8	1.5	0.5	0.19	1.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	79.5	0.3	23.0	4.5	0.27	1.0	1.5	0.3	3.0	0.5	0.27	1.0	0.5	0.8	1.0	0.5	0.27	1.0
50000.	169.8	0.3	34.5	6.5	0.38	1.0	6.3	0.3	5.5	1.5	0.38	1.0	0.8	0.8	1.5	0.5	0.38	1.0
75000.	472.6	0.3	>50.0	9.5	0.57	1.0	12.0	0.3	9.0	1.5	0.57	1.0	2.0	0.3	4.0	0.5	0.57	1.0
100000.	621.9	0.3	>50.0	12.5	0.76	1.0	24.3	0.3	12.5	2.5	0.76	1.0	6.3	0.3	5.5	1.5	0.76	1.0

148

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	16.5	3.3	14.0	1.5	0.03	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	77.5	2.8	33.0	3.5	0.06	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	214.9	2.3	>50.0	4.5	0.08	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	310.4	2.3	>50.0	6.5	0.11	6.5	2.8	4.3	5.5	0.5	0.11	6.5	0.0	0.0	0.0	0.0	0.0	0.0
75000.	410.1	1.8	>50.0	8.5	0.17	6.5	16.5	3.3	14.0	1.5	0.17	6.5	0.0	0.0	0.0	0.0	0.0	0.0
100000.	506.6	1.8	>50.0	10.5	0.23	6.5	45.3	2.8	25.5	2.5	0.23	6.5	2.8	4.3	5.5	0.5	0.23	6.5

149

MIXING HEIGHT..... 1500.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 1500.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	3.3	11.8	6.5	0.5	0.02	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	60.8	6.8	28.5	2.5	0.04	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	199.1	5.8	>50.0	4.5	0.05	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	294.1	4.8	>50.0	6.5	0.08	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75000.	388.9	4.3	>50.0	8.5	0.11	12.0	3.3	11.8	6.5	0.5	0.11	12.0	0.0	0.0	0.0	0.0	0.0	0.0
100000.	480.4	4.3	>50.0	10.5	0.15	12.0	31.8	8.3	19.5	2.5	0.15	12.0	0.0	0.0	0.0	0.0	0.0	0.0

150

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	0.0	0.0	0.0	0.0	0.0	0.0
50.	0.3	0.3	0.5	0.5	0.03	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
100.	0.3	0.3	0.5	0.5	0.07	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
250.	0.5	0.3	1.0	0.5	0.16	0.5	0.3	0.3	0.5	0.5	0.16	0.5	0.0	0.0	0.0	0.0	0.0	0.0
500.	1.0	0.3	2.0	0.5	0.33	0.5	0.3	0.3	0.5	0.5	0.33	0.5	0.3	0.3	0.5	0.5	0.33	0.5
750.	1.5	0.3	3.0	0.5	0.49	0.5	0.5	0.3	1.0	0.5	0.49	0.5	0.3	0.3	0.5	0.5	0.49	0.5
1000.	3.3	0.3	3.5	1.5	0.66	0.5	0.5	0.3	1.0	0.5	0.66	0.5	0.3	0.3	0.5	0.5	0.66	0.5
2500.	27.3	0.3	14.5	2.5	1.65	0.5	1.0	0.3	2.0	0.5	1.65	0.5	0.5	0.3	1.0	0.5	1.65	0.5
5000.	128.0	0.3	30.0	5.5	3.30	0.5	3.3	0.3	3.5	1.5	3.30	0.5	1.0	0.3	2.0	0.5	3.30	0.5
15000.	771.1	0.3	>50.0	15.5	9.89	0.5	45.5	0.3	18.0	3.5	9.89	0.5	5.3	0.3	4.5	1.5	9.89	0.5
25000.	1069.6	0.3	>50.0	21.5	16.49	0.5	128.0	0.3	30.0	5.5	16.49	0.5	27.3	0.3	14.5	2.5	16.49	0.5
35000.	1218.9	0.3	>50.0	24.5	23.09	0.5	244.3	0.3	40.5	8.5	23.09	0.5	64.8	0.3	20.5	4.5	23.09	0.5

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MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
20.	0.5	0.3	1.0	0.5	0.07	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
50.	1.0	0.3	2.0	0.5	0.18	0.5	0.3	0.3	0.5	0.5	0.18	0.5	0.0	0.0	0.0	0.0	0.0	0.0
100.	1.8	0.3	3.5	0.5	0.37	0.5	0.5	0.3	1.0	0.5	0.37	0.5	0.3	0.3	0.5	0.5	0.37	0.5
250.	3.5	0.3	7.0	0.5	0.92	0.5	1.0	0.3	2.0	0.5	0.92	0.5	0.8	0.3	1.5	0.5	0.92	0.5
500.	12.0	0.3	11.0	1.5	1.85	0.5	1.8	0.3	3.5	0.5	1.85	0.5	1.0	0.3	2.0	0.5	1.85	0.5
750.	18.8	0.3	14.5	1.5	2.77	0.5	2.5	0.3	5.0	0.5	2.77	0.5	1.5	0.3	3.0	0.5	2.77	0.5
1000.	28.8	0.3	17.5	2.5	3.69	0.5	3.0	0.3	6.0	0.5	3.69	0.5	1.8	0.3	3.5	0.5	3.69	0.5
2500.	99.0	0.3	35.0	3.5	9.23	0.5	12.0	0.3	11.0	1.5	9.23	0.5	3.5	0.3	7.0	0.5	9.23	0.5
5000.	323.4	0.3	>50.0	6.5	18.47	0.5	28.8	0.3	17.5	2.5	18.47	0.5	12.0	0.3	11.0	1.5	18.47	0.5
15000.	572.1	0.3	>50.0	11.5	55.40	0.5	132.8	0.3	40.5	4.5	55.40	0.5	48.5	0.3	24.0	2.5	55.40	0.5
25000.	671.6	0.3	>50.0	13.5	92.33	0.5	323.4	0.3	>50.0	6.5	92.33	0.5	99.0	0.3	35.0	3.5	92.33	0.5
35000.	771.1	0.3	>50.0	15.5	129.26	0.5	373.1	0.3	>50.0	7.5	129.26	0.5	163.0	0.3	46.0	4.5	129.26	0.5

152

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	0.0	0.0	0.0	0.0	0.0	0.0
50.	0.3	0.3	0.5	0.5	0.03	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
100.	0.3	0.3	0.5	0.5	0.06	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
250.	0.5	0.3	1.0	0.5	0.14	0.5	0.3	0.3	0.5	0.5	0.14	0.5	0.0	0.0	0.0	0.0	0.0	0.0
500.	1.0	0.3	2.0	0.5	0.28	0.5	0.3	0.3	0.5	0.5	0.28	0.5	0.3	0.3	0.5	0.5	0.28	0.5
750.	1.5	0.3	3.0	0.5	0.42	0.5	0.5	0.3	1.0	0.5	0.42	0.5	0.3	0.3	0.5	0.5	0.42	0.5
1000.	3.3	0.3	3.5	1.5	0.55	0.5	0.5	0.3	1.0	0.5	0.55	0.5	0.3	0.3	0.5	0.5	0.55	0.5
2500.	28.3	0.3	14.5	2.5	1.39	0.5	1.0	0.3	2.0	0.5	1.39	0.5	0.5	0.3	1.0	0.5	1.39	0.5
5000.	128.5	0.3	30.0	5.5	2.77	0.5	3.3	0.3	3.5	1.5	2.77	0.5	1.0	0.3	2.0	0.5	2.77	0.5
15000.	771.1	0.3	>50.0	15.5	8.32	0.5	46.5	0.3	18.0	3.5	8.32	0.5	5.3	0.3	4.5	1.5	8.32	0.5
25000.	1069.6	0.3	>50.0	21.5	13.87	0.5	128.5	0.3	30.0	5.5	13.87	0.5	28.3	0.3	14.5	2.5	13.87	0.5
35000.	1218.9	0.3	>50.0	24.5	19.41	0.5	244.8	0.3	40.5	8.5	19.41	0.5	65.8	0.3	20.5	4.5	19.41	0.5
50000.	1368.1	0.3	>50.0	27.5	27.73	0.5	572.1	0.3	>50.0	11.5	27.73	0.5	128.5	0.3	30.0	5.5	27.73	0.5

153

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	0.0	0.0	0.0	0.0	0.0	0.0
50.	1.0	0.3	2.0	0.5	0.04	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
100.	1.8	0.3	3.5	0.5	0.08	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
250.	3.3	0.3	6.5	0.5	0.20	0.5	1.0	0.3	2.0	0.5	0.20	0.5	0.0	0.0	0.0	0.0	0.0	0.0
500.	11.8	0.3	10.5	1.5	0.40	0.5	1.8	0.3	3.5	0.5	0.40	0.5	1.0	0.3	2.0	0.5	0.40	0.5
750.	17.8	0.3	14.5	1.5	0.60	0.5	2.3	0.3	4.5	0.5	0.60	0.5	1.3	0.3	2.5	0.5	0.60	0.5
1000.	25.3	0.3	17.5	2.5	0.79	0.5	2.8	0.3	5.5	0.5	0.79	0.5	1.8	0.3	3.5	0.5	0.79	0.5
2500.	98.5	0.3	35.0	3.5	1.98	0.5	11.8	0.3	10.5	1.5	1.98	0.5	3.3	0.3	6.5	0.5	1.98	0.5
5000.	323.4	0.3	>50.0	6.5	3.97	0.5	25.3	0.3	17.5	2.5	3.97	0.5	11.8	0.3	10.5	1.5	3.97	0.5
15000.	572.1	0.3	>50.0	11.5	11.91	0.5	133.3	0.3	40.5	4.5	11.91	0.5	46.8	0.3	23.5	2.5	11.91	0.5
25000.	671.6	0.3	>50.0	13.5	19.84	0.5	323.4	0.3	>50.0	6.5	19.84	0.5	98.5	0.3	35.0	3.5	19.84	0.5
35000.	771.1	0.3	>50.0	15.5	27.78	0.5	373.1	0.3	>50.0	7.5	27.78	0.5	163.8	0.3	46.5	4.5	27.78	0.5
50000.	820.9	0.3	>50.0	16.5	39.69	0.5	472.6	0.3	>50.0	9.5	39.69	0.5	323.4	0.3	>50.0	6.5	39.69	0.5

154

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
100.	0.3	0.3	0.5	0.5	0.03	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
250.	0.5	0.3	1.0	0.5	0.08	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
500.	1.0	0.3	2.0	0.5	0.16	0.5	0.3	0.3	0.5	0.5	0.16	0.5	0.0	0.0	0.0	0.0	0.0	0.0
750.	1.5	0.3	3.0	0.5	0.23	0.5	0.5	0.3	1.0	0.5	0.23	0.5	0.3	0.3	0.5	0.5	0.23	0.5
1000.	3.3	0.3	3.5	1.5	0.31	0.5	0.5	0.3	1.0	0.5	0.31	0.5	0.3	0.3	0.5	0.5	0.31	0.5
2500.	28.3	0.3	14.5	2.5	0.78	0.5	1.0	0.3	2.0	0.5	0.78	0.5	0.5	0.3	1.0	0.5	0.78	0.5
5000.	128.5	0.3	30.0	5.5	1.56	0.5	3.3	0.3	3.5	1.5	1.56	0.5	1.0	0.3	2.0	0.5	1.56	0.5
15000.	771.1	0.3	>50.0	15.5	4.67	0.5	46.5	0.3	18.0	3.5	4.67	0.5	5.3	0.3	4.5	1.5	4.67	0.5
25000.	1069.6	0.3	>50.0	21.5	7.78	0.5	128.5	0.3	30.0	5.5	7.78	0.5	28.3	0.3	14.5	2.5	7.78	0.5
35000.	1218.9	0.3	>50.0	24.5	10.89	0.5	244.8	0.3	40.5	8.5	10.89	0.5	65.8	0.3	20.5	4.5	10.89	0.5
50000.	1368.1	0.3	>50.0	27.5	15.56	0.5	572.1	0.3	>50.0	11.5	15.56	0.5	128.5	0.3	30.0	5.5	15.56	0.5

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MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	2.5	0.8	5.0	0.5	0.04	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	7.8	0.8	8.5	1.5	0.08	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	15.3	0.8	12.5	1.5	0.12	2.0	1.0	1.3	2.0	0.5	0.12	2.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	21.0	0.8	16.0	1.5	0.16	2.0	1.8	1.3	3.5	0.5	0.16	2.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	94.3	0.8	34.5	3.5	0.40	2.0	7.8	0.8	8.5	1.5	0.40	2.0	2.5	0.8	5.0	0.5	0.40	2.0
5000.	323.4	0.3	>50.0	6.5	0.81	2.0	21.0	0.8	16.0	1.5	0.81	2.0	7.8	0.8	8.5	1.5	0.81	2.0
15000.	572.1	0.3	>50.0	11.5	2.42	2.0	127.3	0.8	40.5	4.5	2.42	2.0	43.8	0.8	22.5	2.5	2.42	2.0
25000.	721.4	0.3	>50.0	14.5	4.04	2.0	323.4	0.3	>50.0	6.5	4.04	2.0	94.3	0.8	34.5	3.5	4.04	2.0
35000.	771.1	0.3	>50.0	15.5	5.65	2.0	373.1	0.3	>50.0	7.5	5.65	2.0	161.5	0.8	46.0	4.5	5.65	2.0
50000.	820.9	0.3	>50.0	16.5	8.08	2.0	522.4	0.3	>50.0	10.5	8.08	2.0	323.4	0.3	>50.0	6.5	8.08	2.0

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MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.5	0.3	1.0	0.5	0.03	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
500.	1.0	0.3	2.0	0.5	0.07	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
750.	1.5	0.3	3.0	0.5	0.10	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
1000.	2.8	0.3	3.5	1.5	0.13	0.5	0.5	0.3	1.0	0.5	0.13	0.5	0.0	0.0	0.0	0.0	0.0	0.0
2500.	28.3	0.3	14.5	2.5	0.33	0.5	1.0	0.3	2.0	0.5	0.33	0.5	0.5	0.3	1.0	0.5	0.33	0.5
5000.	128.5	0.3	30.0	5.5	0.66	0.5	2.8	0.3	3.5	1.5	0.66	0.5	1.0	0.3	2.0	0.5	0.66	0.5
15000.	771.1	0.3	>50.0	15.5	1.99	0.5	46.5	0.3	18.0	3.5	1.99	0.5	5.3	0.3	4.5	1.5	1.99	0.5
25000.	1069.6	0.3	>50.0	21.5	3.32	0.5	128.5	0.3	30.0	5.5	3.32	0.5	28.3	0.3	14.5	2.5	3.32	0.5
35000.	1218.9	0.3	>50.0	24.5	4.65	0.5	244.8	0.3	40.5	8.5	4.65	0.5	65.8	0.3	20.5	4.5	4.65	0.5
50000.	1368.1	0.3	>50.0	27.5	6.64	0.5	572.1	0.3	>50.0	11.5	6.64	0.5	128.5	0.3	30.0	5.5	6.64	0.5
75000.	1517.4	0.3	>50.0	30.5	9.96	0.5	771.1	0.3	>50.0	15.5	9.96	0.5	278.0	0.3	43.0	8.5	9.96	0.5
100000.	1616.9	0.3	>50.0	32.5	13.28	0.5	920.4	0.3	>50.0	18.5	13.28	0.5	572.1	0.3	>50.0	11.5	13.28	0.5

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MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	2.8	2.3	5.5	0.5	0.03	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	8.8	1.8	9.5	1.5	0.04	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	16.8	1.8	13.5	1.5	0.06	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	86.0	1.3	33.0	3.5	0.14	4.0	2.8	2.3	5.5	0.5	0.14	4.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	316.9	1.3	>50.0	6.5	0.29	4.0	16.8	1.8	13.5	1.5	0.29	4.0	2.8	2.3	5.5	0.5	0.29	4.0
15000.	566.4	0.8	>50.0	11.5	0.87	4.0	113.8	1.3	39.5	3.5	0.87	4.0	34.3	1.3	20.5	2.5	0.87	4.0
25000.	714.1	0.8	>50.0	14.5	1.45	4.0	316.9	1.3	>50.0	6.5	1.45	4.0	86.0	1.3	33.0	3.5	1.45	4.0
35000.	763.4	0.8	>50.0	15.5	2.03	4.0	418.6	0.8	>50.0	8.5	2.03	4.0	156.3	1.3	45.5	4.5	2.03	4.0
50000.	812.6	0.8	>50.0	16.5	2.90	4.0	517.1	0.8	>50.0	10.5	2.90	4.0	316.9	1.3	>50.0	6.5	2.90	4.0
75000.	861.9	0.8	>50.0	17.5	4.35	4.0	566.4	0.8	>50.0	11.5	4.35	4.0	418.6	0.8	>50.0	8.5	4.35	4.0
100000.	911.1	0.8	>50.0	18.5	5.80	4.0	664.9	0.8	>50.0	13.5	5.80	4.0	517.1	0.8	>50.0	10.5	5.80	4.0

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MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
250.	0.3	0.8	0.5	0.5	0.02	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	1.0	0.3	2.0	0.5	0.04	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	1.5	0.3	3.0	0.5	0.06	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	2.8	0.3	3.5	1.5	0.09	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	28.8	0.3	14.5	2.5	0.22	1.0	1.0	0.3	2.0	0.5	0.22	1.0	0.3	0.8	0.5	0.5	0.22	1.0
5000.	129.0	0.3	30.0	5.5	0.43	1.0	2.8	0.3	3.5	1.5	0.43	1.0	1.0	0.3	2.0	0.5	0.43	1.0
15000.	771.1	0.3	>50.0	15.5	1.29	1.0	47.5	0.3	18.0	3.5	1.29	1.0	5.3	0.3	4.5	1.5	1.29	1.0
25000.	1069.6	0.3	>50.0	21.5	2.15	1.0	129.0	0.3	30.0	5.5	2.15	1.0	28.8	0.3	14.5	2.5	2.15	1.0
35000.	1218.9	0.3	>50.0	24.5	3.01	1.0	245.3	0.3	40.5	8.5	3.01	1.0	66.3	0.3	20.5	4.5	3.01	1.0
50000.	1368.1	0.3	>50.0	27.5	4.30	1.0	572.1	0.3	>50.0	11.5	4.30	1.0	129.0	0.3	30.0	5.5	4.30	1.0
75000.	1517.4	0.3	>50.0	30.5	6.45	1.0	771.1	0.3	>50.0	15.5	6.45	1.0	278.5	0.3	43.0	8.5	6.45	1.0
100000.	1616.9	0.3	>50.0	32.5	8.61	1.0	920.4	0.3	>50.0	18.5	8.61	1.0	572.1	0.3	>50.0	11.5	8.61	1.0

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MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	1.5	4.8	3.0	0.5	0.02	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	3.8	3.8	7.5	0.5	0.03	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	66.5	2.3	31.0	2.5	0.07	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	265.4	1.8	>50.0	5.5	0.14	6.0	3.8	3.8	7.5	0.5	0.14	6.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	603.1	1.8	>50.0	12.5	0.42	6.0	105.0	2.3	38.0	3.5	0.42	6.0	21.3	2.8	16.5	1.5	0.42	6.0
25000.	706.9	1.3	>50.0	14.5	0.70	6.0	265.4	1.8	>50.0	5.5	0.70	6.0	66.5	2.3	31.0	2.5	0.70	6.0
35000.	755.6	1.3	>50.0	15.5	0.98	6.0	410.1	1.8	>50.0	8.5	0.98	6.0	144.3	2.3	44.5	4.5	0.98	6.0
50000.	804.4	1.3	>50.0	16.5	1.41	6.0	506.6	1.8	>50.0	10.5	1.41	6.0	265.4	1.8	>50.0	5.5	1.41	6.0
75000.	853.1	1.3	>50.0	17.5	2.11	6.0	603.1	1.8	>50.0	12.5	2.11	6.0	410.1	1.8	>50.0	8.5	2.11	6.0
100000.	901.9	1.3	>50.0	18.5	2.81	6.0	651.4	1.8	>50.0	13.5	2.81	6.0	506.6	1.8	>50.0	10.5	2.81	6.0

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MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 1500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	29.0	7.8	22.0	1.5	0.03	15.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	246.1	5.3	>50.0	5.5	0.05	15.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	578.1	3.8	>50.0	12.5	0.15	15.5	67.0	6.8	32.0	2.5	0.15	15.5	0.0	0.0	0.0	0.0	0.0	0.0
25000.	677.9	3.3	>50.0	14.5	0.25	15.5	246.1	5.3	>50.0	5.5	0.25	15.5	29.0	7.8	22.0	1.5	0.25	15.5
35000.	724.6	3.3	>50.0	15.5	0.35	15.5	384.6	4.8	>50.0	8.5	0.35	15.5	112.0	6.3	40.0	3.5	0.35	15.5
50000.	771.4	3.3	>50.0	16.5	0.51	15.5	480.4	4.3	>50.0	10.5	0.51	15.5	246.1	5.3	>50.0	5.5	0.51	15.5
75000.	826.9	2.8	>50.0	17.5	0.76	15.5	578.1	3.8	>50.0	12.5	0.76	15.5	384.6	4.8	>50.0	8.5	0.76	15.5
100000.	874.1	2.8	>50.0	18.5	1.01	15.5	624.4	3.8	>50.0	13.5	1.01	15.5	480.4	4.3	>50.0	10.5	1.01	15.5

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MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 2000.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	4.5	16.8	9.0	0.5	0.02	21.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	224.1	9.3	>50.0	5.5	0.04	21.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	503.1	6.3	>50.0	11.5	0.13	21.5	48.0	12.8	25.0	2.5	0.13	21.5	0.0	0.0	0.0	0.0	0.0	0.0
25000.	648.9	5.3	>50.0	14.5	0.21	21.5	224.1	9.3	>50.0	5.5	0.21	21.5	4.5	16.8	9.0	0.5	0.21	21.5
35000.	693.6	5.3	>50.0	15.5	0.29	21.5	316.9	7.8	>50.0	7.5	0.29	21.5	92.5	11.3	35.0	3.5	0.29	21.5
50000.	746.6	4.8	>50.0	16.5	0.42	21.5	454.1	6.8	>50.0	10.5	0.42	21.5	224.1	9.3	>50.0	5.5	0.42	21.5
75000.	791.9	4.8	>50.0	17.5	0.63	21.5	503.1	6.3	>50.0	11.5	0.63	21.5	363.4	7.3	>50.0	8.5	0.63	21.5
100000.	846.4	4.3	>50.0	18.5	0.84	21.5	597.4	5.8	>50.0	13.5	0.84	21.5	454.1	6.8	>50.0	10.5	0.84	21.5

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MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.	0.3	0.3	0.5	0.5	0.03	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
250.	0.3	0.3	0.5	0.5	0.07	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
500.	0.5	0.3	1.0	0.5	0.13	0.5	0.3	0.3	0.5	0.5	0.13	0.5	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.8	0.3	1.5	0.5	0.20	0.5	0.3	0.3	0.5	0.5	0.20	0.5	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.8	0.3	1.5	0.5	0.27	0.5	0.3	0.3	0.5	0.5	0.27	0.5	0.3	0.3	0.5	0.5	0.27	0.5
2500.	3.8	0.3	4.5	1.5	0.66	0.5	0.5	0.3	1.0	0.5	0.66	0.5	0.3	0.3	0.5	0.5	0.66	0.5
5000.	20.8	0.3	11.5	2.5	1.33	0.5	0.8	0.3	1.5	0.5	1.33	0.5	0.5	0.3	1.0	0.5	1.33	0.5
15000.	216.5	0.3	39.0	7.5	3.98	0.5	5.5	0.3	5.0	1.5	3.98	0.5	1.0	0.3	2.0	0.5	3.98	0.5
25000.	621.9	0.3	>50.0	12.5	6.63	0.5	20.8	0.3	11.5	2.5	6.63	0.5	3.8	0.3	4.5	1.5	6.63	0.5
35000.	820.9	0.3	>50.0	16.5	9.28	0.5	44.0	0.3	17.0	3.5	9.28	0.5	6.8	0.3	5.5	1.5	9.28	0.5

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MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
20.	0.3	0.3	0.5	0.5	0.03	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
50.	0.5	0.3	1.0	0.5	0.07	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
100.	1.0	0.3	2.0	0.5	0.15	0.5	0.3	0.3	0.5	0.5	0.15	0.5	0.0	0.0	0.0	0.0	0.0	0.0
250.	1.8	0.3	3.5	0.5	0.37	0.5	0.5	0.3	1.0	0.5	0.37	0.5	0.3	0.3	0.5	0.5	0.37	0.5
500.	3.0	0.3	6.0	0.5	0.74	0.5	1.0	0.3	2.0	0.5	0.74	0.5	0.5	0.3	1.0	0.5	0.74	0.5
750.	5.0	0.3	8.0	1.5	1.11	0.5	1.3	0.3	2.5	0.5	1.11	0.5	0.8	0.3	1.5	0.5	1.11	0.5
1000.	9.3	0.3	9.5	1.5	1.48	0.5	1.5	0.3	3.0	0.5	1.48	0.5	1.0	0.3	2.0	0.5	1.48	0.5
2500.	30.5	0.3	18.0	2.5	3.71	0.5	3.0	0.3	6.0	0.5	3.71	0.5	1.8	0.3	3.5	0.5	3.71	0.5
5000.	75.8	0.3	29.5	3.5	7.42	0.5	9.3	0.3	9.5	1.5	7.42	0.5	3.0	0.3	6.0	0.5	7.42	0.5
15000.	323.4	0.3	>50.0	6.5	22.26	0.5	38.8	0.3	20.5	2.5	22.26	0.5	15.3	0.3	12.5	1.5	22.26	0.5
25000.	472.6	0.3	>50.0	9.5	37.10	0.5	75.8	0.3	29.5	3.5	37.10	0.5	30.5	0.3	18.0	2.5	37.10	0.5
35000.	572.1	0.3	>50.0	11.5	51.94	0.5	119.5	0.3	38.0	4.5	51.94	0.5	46.0	0.3	23.0	2.5	51.94	0.5

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MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.	0.3	0.3	0.5	0.5	0.02	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
250.	0.3	0.3	0.5	0.5	0.06	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
500.	0.5	0.3	1.0	0.5	0.11	0.5	0.3	0.3	0.5	0.5	0.11	0.5	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.8	0.3	1.5	0.5	0.17	0.5	0.3	0.3	0.5	0.5	0.17	0.5	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.8	0.3	1.5	0.5	0.23	0.5	0.3	0.3	0.5	0.5	0.23	0.5	0.3	0.3	0.5	0.5	0.23	0.5
2500.	3.8	0.3	4.5	1.5	0.57	0.5	0.5	0.3	1.0	0.5	0.57	0.5	0.3	0.3	0.5	0.5	0.57	0.5
5000.	21.8	0.3	11.5	2.5	1.14	0.5	0.8	0.3	1.5	0.5	1.14	0.5	0.5	0.3	1.0	0.5	1.14	0.5
15000.	217.0	0.3	39.0	7.5	3.41	0.5	5.5	0.3	5.0	1.5	3.41	0.5	1.0	0.3	2.0	0.5	3.41	0.5
25000.	621.9	0.3	>50.0	12.5	5.69	0.5	21.8	0.3	11.5	2.5	5.69	0.5	3.8	0.3	4.5	1.5	5.69	0.5
35000.	820.9	0.3	>50.0	16.5	7.97	0.5	44.0	0.3	17.0	3.5	7.97	0.5	9.3	0.3	7.5	1.5	7.97	0.5
50000.	1069.6	0.3	>50.0	21.5	11.38	0.5	89.5	0.3	25.0	4.5	11.38	0.5	21.8	0.3	11.5	2.5	11.38	0.5

165

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.	0.8	0.3	1.5	0.5	0.03	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	1.8	0.3	3.5	0.5	0.08	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	2.8	0.3	5.5	0.5	0.16	1.0	0.8	0.3	1.5	0.5	0.16	1.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	3.8	0.3	7.5	0.5	0.24	1.0	1.0	0.3	2.0	0.5	0.24	1.0	0.5	0.3	1.0	0.5	0.24	1.0
1000.	9.3	0.3	9.5	1.5	0.32	1.0	1.5	0.3	3.0	0.5	0.32	1.0	0.8	0.3	1.5	0.5	0.32	1.0
2500.	28.5	0.3	18.0	2.5	0.79	1.0	2.8	0.3	5.5	0.5	0.79	1.0	1.8	0.3	3.5	0.5	0.79	1.0
5000.	74.8	0.3	29.5	3.5	1.59	1.0	9.3	0.3	9.5	1.5	1.59	1.0	2.8	0.3	5.5	0.5	1.59	1.0
15000.	323.4	0.3	>50.0	6.5	4.76	1.0	37.8	0.3	20.5	2.5	4.76	1.0	14.8	0.3	12.5	1.5	4.76	1.0
25000.	472.6	0.3	>50.0	9.5	7.93	1.0	74.8	0.3	29.5	3.5	7.93	1.0	28.5	0.3	18.0	2.5	7.93	1.0
35000.	572.1	0.3	>50.0	11.5	11.11	1.0	118.0	0.3	38.0	4.5	11.11	1.0	45.0	0.3	23.0	2.5	11.11	1.0
50000.	621.9	0.3	>50.0	12.5	15.86	1.0	273.6	0.3	>50.0	5.5	15.86	1.0	74.8	0.3	29.5	3.5	15.86	1.0

166

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	0.3	0.3	0.5	0.5	0.03	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
500.	0.5	0.3	1.0	0.5	0.07	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
750.	0.8	0.3	1.5	0.5	0.10	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
1000.	0.8	0.3	1.5	0.5	0.13	0.5	0.3	0.3	0.5	0.5	0.13	0.5	0.0	0.0	0.0	0.0	0.0	0.0
2500.	3.3	0.3	4.5	1.5	0.33	0.5	0.5	0.3	1.0	0.5	0.33	0.5	0.3	0.3	0.5	0.5	0.33	0.5
5000.	21.3	0.3	11.5	2.5	0.66	0.5	0.8	0.3	1.5	0.5	0.66	0.5	0.5	0.3	1.0	0.5	0.66	0.5
15000.	217.0	0.3	39.0	7.5	1.98	0.5	6.0	0.3	5.0	1.5	1.98	0.5	1.0	0.3	2.0	0.5	1.98	0.5
25000.	621.9	0.3	>50.0	12.5	3.31	0.5	21.3	0.3	11.5	2.5	3.31	0.5	3.3	0.3	4.5	1.5	3.31	0.5
35000.	820.9	0.3	>50.0	16.5	4.63	0.5	44.0	0.3	17.0	3.5	4.63	0.5	9.3	0.3	7.5	1.5	4.63	0.5
50000.	1069.6	0.3	>50.0	21.5	6.61	0.5	89.5	0.3	25.0	4.5	6.61	0.5	21.3	0.3	11.5	2.5	6.61	0.5

167

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	1.8	1.3	3.5	0.5	0.03	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	3.0	0.8	6.0	0.5	0.05	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	3.8	0.8	7.5	0.5	0.06	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	21.8	0.8	16.5	1.5	0.16	2.0	1.8	1.3	3.5	0.5	0.16	2.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	67.0	0.8	28.0	3.5	0.32	2.0	3.8	0.8	7.5	0.5	0.32	2.0	1.8	1.3	3.5	0.5	0.32	2.0
15000.	369.4	0.8	>50.0	7.5	0.97	2.0	32.0	0.8	19.0	2.5	0.97	2.0	12.0	0.8	11.0	1.5	0.97	2.0
25000.	522.4	0.3	>50.0	10.5	1.62	2.0	67.0	0.8	28.0	3.5	1.62	2.0	21.8	0.8	16.5	1.5	1.62	2.0
35000.	572.1	0.3	>50.0	11.5	2.26	2.0	105.5	0.8	37.0	3.5	2.26	2.0	40.3	0.8	21.5	2.5	2.26	2.0
50000.	671.6	0.3	>50.0	13.5	3.23	2.0	270.9	0.8	>50.0	5.5	3.23	2.0	67.0	0.8	28.0	3.5	3.23	2.0

168

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.5	0.3	1.0	0.5	0.03	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
750.	0.8	0.3	1.5	0.5	0.04	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
1000.	0.8	0.3	1.5	0.5	0.05	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
2500.	3.3	0.3	4.5	1.5	0.13	0.5	0.5	0.3	1.0	0.5	0.13	0.5	0.0	0.0	0.0	0.0	0.0	0.0
5000.	21.3	0.3	11.5	2.5	0.27	0.5	0.8	0.3	1.5	0.5	0.27	0.5	0.5	0.3	1.0	0.5	0.27	0.5
15000.	217.0	0.3	39.0	7.5	0.80	0.5	6.0	0.3	5.0	1.5	0.80	0.5	1.0	0.3	2.0	0.5	0.80	0.5
25000.	621.9	0.3	>50.0	12.5	1.34	0.5	21.3	0.3	11.5	2.5	1.34	0.5	3.3	0.3	4.5	1.5	1.34	0.5
35000.	820.9	0.3	>50.0	16.5	1.87	0.5	44.0	0.3	17.0	3.5	1.87	0.5	9.3	0.3	7.5	1.5	1.87	0.5
50000.	1069.6	0.3	>50.0	21.5	2.67	0.5	89.5	0.3	25.0	4.5	2.67	0.5	21.3	0.3	11.5	2.5	2.67	0.5
75000.	1268.6	0.3	>50.0	25.5	4.01	0.5	217.0	0.3	39.0	7.5	4.01	0.5	50.5	0.3	18.0	3.5	4.01	0.5
100000.	1368.1	0.3	>50.0	27.5	5.35	0.5	472.6	0.3	>50.0	9.5	5.35	0.5	89.5	0.3	25.0	4.5	5.35	0.5

169

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	1.5	2.8	3.0	0.5	0.02	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	16.8	1.8	13.5	1.5	0.06	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	53.8	1.3	26.5	2.5	0.12	4.0	1.5	2.8	3.0	0.5	0.12	4.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	365.6	1.3	>50.0	7.5	0.35	4.0	21.3	1.8	16.5	1.5	0.35	4.0	4.0	1.8	8.0	0.5	0.35	4.0
25000.	517.1	0.8	>50.0	10.5	0.58	4.0	53.8	1.3	26.5	2.5	0.58	4.0	16.8	1.8	13.5	1.5	0.58	4.0
35000.	566.4	0.8	>50.0	11.5	0.81	4.0	97.5	1.3	35.0	3.5	0.81	4.0	32.3	1.3	19.5	2.5	0.81	4.0
50000.	664.9	0.8	>50.0	13.5	1.16	4.0	219.4	1.3	>50.0	4.5	1.16	4.0	53.8	1.3	26.5	2.5	1.16	4.0
75000.	714.1	0.8	>50.0	14.5	1.74	4.0	365.6	1.3	>50.0	7.5	1.74	4.0	106.3	1.3	37.5	3.5	1.74	4.0
100000.	763.4	0.8	>50.0	15.5	2.32	4.0	463.1	1.3	>50.0	9.5	2.32	4.0	219.4	1.3	>50.0	4.5	2.32	4.0

170

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.3	0.8	0.5	0.5	0.03	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.5	0.8	1.0	0.5	0.04	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	3.3	0.3	4.5	1.5	0.09	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	21.8	0.3	11.5	2.5	0.18	1.0	0.5	0.8	1.0	0.5	0.18	1.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	217.0	0.3	39.0	7.5	0.54	1.0	6.8	0.3	6.5	1.5	0.54	1.0	1.3	0.3	2.5	0.5	0.54	1.0
25000.	621.9	0.3	>50.0	12.5	0.90	1.0	21.8	0.3	11.5	2.5	0.90	1.0	3.3	0.3	4.5	1.5	0.90	1.0
35000.	820.9	0.3	>50.0	16.5	1.26	1.0	43.5	0.3	17.0	3.5	1.26	1.0	9.8	0.3	7.5	1.5	1.26	1.0
50000.	1069.6	0.3	>50.0	21.5	1.79	1.0	89.5	0.3	25.0	4.5	1.79	1.0	21.8	0.3	11.5	2.5	1.79	1.0
75000.	1268.6	0.3	>50.0	25.5	2.69	1.0	217.0	0.3	39.0	7.5	2.69	1.0	50.0	0.3	18.0	3.5	2.69	1.0
100000.	1368.1	0.3	>50.0	27.5	3.59	1.0	472.6	0.3	>50.0	9.5	3.59	1.0	89.5	0.3	25.0	4.5	3.59	1.0

171

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	4.3	3.8	8.5	0.5	0.03	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	43.3	2.8	22.5	2.5	0.06	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	361.9	1.8	>50.0	7.5	0.17	6.5	13.5	3.3	12.0	1.5	0.17	6.5	0.0	0.0	0.0	0.0	0.0	0.0
25000.	506.6	1.8	>50.0	10.5	0.28	6.5	43.3	2.8	22.5	2.5	0.28	6.5	4.3	3.8	8.5	0.5	0.28	6.5
35000.	554.9	1.8	>50.0	11.5	0.40	6.5	83.8	2.3	32.5	3.5	0.40	6.5	18.5	2.8	15.0	1.5	0.40	6.5
50000.	651.4	1.8	>50.0	13.5	0.56	6.5	214.9	2.3	>50.0	4.5	0.56	6.5	43.3	2.8	22.5	2.5	0.56	6.5
75000.	706.9	1.3	>50.0	14.5	0.85	6.5	361.9	1.8	>50.0	7.5	0.85	6.5	102.5	2.3	39.0	3.5	0.85	6.5
100000.	755.6	1.3	>50.0	15.5	1.13	6.5	458.4	1.8	>50.0	9.5	1.13	6.5	214.9	2.3	>50.0	4.5	1.13	6.5

172

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 1500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	339.4	4.8	>50.0	7.5	0.06	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	480.4	4.3	>50.0	10.5	0.10	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	531.9	3.8	>50.0	11.5	0.14	13.0	47.5	7.3	29.0	2.5	0.14	13.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	624.4	3.8	>50.0	13.5	0.20	13.0	199.1	5.8	>50.0	4.5	0.20	13.0	0.0	0.0	0.0	0.0	0.0	0.0
75000.	677.9	3.3	>50.0	14.5	0.29	13.0	339.4	4.8	>50.0	7.5	0.29	13.0	67.5	6.8	33.0	2.5	0.29	13.0
100000.	724.6	3.3	>50.0	15.5	0.39	13.0	384.6	4.8	>50.0	8.5	0.39	13.0	199.1	5.8	>50.0	4.5	0.39	13.0

173

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 2000.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	305.6	9.3	>50.0	7.5	0.05	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	443.6	7.8	>50.0	10.5	0.08	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	497.4	6.8	>50.0	11.5	0.12	20.5	27.5	18.8	16.0	2.5	0.12	20.5	0.0	0.0	0.0	0.0	0.0	0.0
50000.	590.6	6.3	>50.0	13.5	0.17	20.5	169.9	12.3	>50.0	4.5	0.17	20.5	0.0	0.0	0.0	0.0	0.0	0.0
75000.	641.6	5.8	>50.0	14.5	0.25	20.5	305.6	9.3	>50.0	7.5	0.25	20.5	44.5	18.8	20.0	2.5	0.25	20.5
100000.	693.6	5.3	>50.0	15.5	0.34	20.5	354.9	8.3	>50.0	8.5	0.34	20.5	169.9	12.3	>50.0	4.5	0.34	20.5

174

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	0.3	0.3	0.5	0.5	0.03	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
500.	0.3	0.3	0.5	0.5	0.07	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
750.	0.5	0.3	1.0	0.5	0.10	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
1000.	0.5	0.3	1.0	0.5	0.13	0.5	0.3	0.3	0.5	0.5	0.13	0.5	0.0	0.0	0.0	0.0	0.0	0.0
2500.	1.0	0.3	2.0	0.5	0.33	0.5	0.3	0.3	0.5	0.5	0.33	0.5	0.3	0.3	0.5	0.5	0.33	0.5
5000.	3.8	0.3	4.5	1.5	0.66	0.5	0.5	0.3	1.0	0.5	0.66	0.5	0.3	0.3	0.5	0.5	0.66	0.5
15000.	49.5	0.3	18.0	3.5	1.99	0.5	1.0	0.3	2.0	0.5	1.99	0.5	0.8	0.3	1.5	0.5	1.99	0.5
25000.	147.5	0.3	32.0	6.5	3.31	0.5	3.8	0.3	4.5	1.5	3.31	0.5	1.0	0.3	2.0	0.5	3.31	0.5
35000.	298.8	0.3	46.5	8.5	4.64	0.5	6.8	0.3	5.5	1.5	4.64	0.5	1.3	0.3	2.5	0.5	4.64	0.5

175

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTh MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	0.0	0.0	0.0	0.0	0.0	0.0
50.	0.3	0.3	0.5	0.5	0.04	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
100.	0.5	0.3	1.0	0.5	0.07	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
250.	1.0	0.3	2.0	0.5	0.19	0.5	0.3	0.3	0.5	0.5	0.19	0.5	0.0	0.0	0.0	0.0	0.0	0.0
500.	1.8	0.3	3.5	0.5	0.37	0.5	0.5	0.3	1.0	0.5	0.37	0.5	0.3	0.3	0.5	0.5	0.37	0.5
750.	2.5	0.3	5.0	0.5	0.56	0.5	0.8	0.3	1.5	0.5	0.56	0.5	0.5	0.3	1.0	0.5	0.56	0.5
1000.	3.0	0.3	6.0	0.5	0.74	0.5	1.0	0.3	2.0	0.5	0.74	0.5	0.5	0.3	1.0	0.5	0.74	0.5
2500.	12.5	0.3	11.0	1.5	1.86	0.5	1.8	0.3	3.5	0.5	1.86	0.5	1.0	0.3	2.0	0.5	1.86	0.5
5000.	30.5	0.3	18.0	2.5	3.71	0.5	3.0	0.3	6.0	0.5	3.71	0.5	1.8	0.3	3.5	0.5	3.71	0.5
15000.	132.0	0.3	40.0	4.5	11.13	0.5	15.3	0.3	12.5	1.5	11.13	0.5	5.0	0.3	8.0	1.5	11.13	0.5
25000.	323.4	0.3	>50.0	6.5	18.55	0.5	30.5	0.3	18.0	2.5	18.55	0.5	12.5	0.3	11.0	1.5	18.55	0.5
35000.	373.1	0.3	>50.0	7.5	25.97	0.5	46.0	0.3	23.0	2.5	25.97	0.5	18.0	0.3	14.0	1.5	25.97	0.5

176

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	0.3	0.3	0.5	0.5	0.03	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
500.	0.3	0.3	0.5	0.5	0.06	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
750.	0.5	0.3	1.0	0.5	0.09	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
1000.	0.5	0.3	1.0	0.5	0.11	0.5	0.3	0.3	0.5	0.5	0.11	0.5	0.0	0.0	0.0	0.0	0.0	0.0
2500.	1.0	0.3	2.0	0.5	0.28	0.5	0.3	0.3	0.5	0.5	0.28	0.5	0.3	0.3	0.5	0.5	0.28	0.5
5000.	3.8	0.3	4.5	1.5	0.57	0.5	0.5	0.3	1.0	0.5	0.57	0.5	0.3	0.3	0.5	0.5	0.57	0.5
15000.	50.0	0.3	18.0	3.5	1.71	0.5	1.0	0.3	2.0	0.5	1.71	0.5	0.8	0.3	1.5	0.5	1.71	0.5
25000.	147.5	0.3	32.0	6.5	2.85	0.5	3.8	0.3	4.5	1.5	2.85	0.5	1.0	0.3	2.0	0.5	2.85	0.5
35000.	299.3	0.3	46.5	8.5	3.98	0.5	9.3	0.3	7.5	1.5	3.98	0.5	1.3	0.3	2.5	0.5	3.98	0.5
50000.	621.9	0.3	>50.0	12.5	5.69	0.5	21.8	0.3	11.5	2.5	5.69	0.5	3.8	0.3	4.5	1.5	5.69	0.5

177

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	1.0	0.3	2.0	0.5	0.04	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	1.8	0.3	3.5	0.5	0.08	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	2.3	0.3	4.5	0.5	0.12	1.0	0.5	0.3	1.0	0.5	0.12	1.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	2.8	0.3	5.5	0.5	0.16	1.0	0.8	0.3	1.5	0.5	0.16	1.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	12.5	0.3	11.0	1.5	0.40	1.0	1.8	0.3	3.5	0.5	0.40	1.0	1.0	0.3	2.0	0.5	0.40	1.0
5000.	28.5	0.3	18.0	2.5	0.79	1.0	2.8	0.3	5.5	0.5	0.79	1.0	1.8	0.3	3.5	0.5	0.79	1.0
15000.	130.5	0.3	40.0	4.5	2.38	1.0	14.8	0.3	12.5	1.5	2.38	1.0	3.8	0.3	7.5	0.5	2.38	1.0
25000.	323.4	0.3	>50.0	6.5	3.97	1.0	28.5	0.3	18.0	2.5	3.97	1.0	12.5	0.3	11.0	1.5	3.97	1.0
35000.	373.1	0.3	>50.0	7.5	5.55	1.0	45.0	0.3	23.0	2.5	5.55	1.0	17.0	0.3	14.0	1.5	5.55	1.0
50000.	472.6	0.3	>50.0	9.5	7.93	1.0	74.8	0.3	29.5	3.5	7.93	1.0	28.5	0.3	18.0	2.5	7.93	1.0

178

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.3	0.3	0.5	0.5	0.03	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
750.	0.5	0.3	1.0	0.5	0.05	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
1000.	0.5	0.3	1.0	0.5	0.07	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
2500.	1.0	0.3	2.0	0.5	0.17	0.5	0.3	0.3	0.5	0.5	0.17	0.5	0.0	0.0	0.0	0.0	0.0	0.0
5000.	3.3	0.3	4.5	1.5	0.33	0.5	0.5	0.3	1.0	0.5	0.33	0.5	0.3	0.3	0.5	0.5	0.33	0.5
15000.	50.5	0.3	18.0	3.5	0.99	0.5	1.0	0.3	2.0	0.5	0.99	0.5	0.8	0.3	1.5	0.5	0.99	0.5
25000.	147.5	0.3	32.0	6.5	1.65	0.5	3.3	0.3	4.5	1.5	1.65	0.5	1.0	0.3	2.0	0.5	1.65	0.5
35000.	299.3	0.3	46.5	8.5	2.31	0.5	9.3	0.3	7.5	1.5	2.31	0.5	1.5	0.3	3.0	0.5	2.31	0.5
50000.	621.9	0.3	>50.0	12.5	3.31	0.5	21.3	0.3	11.5	2.5	3.31	0.5	3.3	0.3	4.5	1.5	3.31	0.5

179

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	1.0	1.3	2.0	0.5	0.02	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	1.8	1.3	3.5	0.5	0.03	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	8.3	0.8	9.5	1.5	0.08	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	21.8	0.8	16.5	1.5	0.16	2.0	1.8	1.3	3.5	0.5	0.16	2.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	123.0	0.8	39.0	4.5	0.49	2.0	12.0	0.8	11.0	1.5	0.49	2.0	3.0	0.8	6.0	0.5	0.49	2.0
25000.	270.9	0.8	>50.0	5.5	0.81	2.0	21.8	0.8	16.5	1.5	0.81	2.0	8.3	0.8	9.5	1.5	0.81	2.0
35000.	422.9	0.3	>50.0	8.5	1.13	2.0	40.3	0.8	21.5	2.5	1.13	2.0	14.8	0.8	12.5	1.5	1.13	2.0
50000.	522.4	0.3	>50.0	10.5	1.62	2.0	67.0	0.8	28.0	3.5	1.62	2.0	21.8	0.8	16.5	1.5	1.62	2.0

180

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.3	0.3	0.5	0.5	0.02	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
1000.	0.5	0.3	1.0	0.5	0.03	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
2500.	1.0	0.3	2.0	0.5	0.07	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
5000.	3.3	0.3	4.5	1.5	0.13	0.5	0.5	0.3	1.0	0.5	0.13	0.5	0.0	0.0	0.0	0.0	0.0	0.0
15000.	50.5	0.3	18.0	3.5	0.40	0.5	1.0	0.3	2.0	0.5	0.40	0.5	0.8	0.3	1.5	0.5	0.40	0.5
25000.	147.5	0.3	32.0	6.5	0.67	0.5	3.3	0.3	4.5	1.5	0.67	0.5	1.0	0.3	2.0	0.5	0.67	0.5
35000.	299.3	0.3	46.5	8.5	0.94	0.5	9.3	0.3	7.5	1.5	0.94	0.5	1.5	0.3	3.0	0.5	0.94	0.5
50000.	621.9	0.3	>50.0	12.5	1.34	0.5	21.3	0.3	11.5	2.5	1.34	0.5	3.3	0.3	4.5	1.5	1.34	0.5
75000.	870.6	0.3	>50.0	17.5	2.00	0.5	50.5	0.3	18.0	3.5	2.00	0.5	11.3	0.3	8.5	1.5	2.00	0.5
100000.	1069.6	0.3	>50.0	21.5	2.67	0.5	89.5	0.3	25.0	4.5	2.67	0.5	21.3	0.3	11.5	2.5	2.67	0.5

181

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	2.8	2.3	5.5	0.5	0.03	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	16.8	1.8	13.5	1.5	0.06	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	106.3	1.3	37.5	3.5	0.17	4.0	4.0	1.8	8.0	0.5	0.17	4.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	316.9	1.3	>50.0	6.5	0.29	4.0	16.8	1.8	13.5	1.5	0.29	4.0	2.8	2.3	5.5	0.5	0.29	4.0
35000.	414.4	1.3	>50.0	8.5	0.41	4.0	32.3	1.3	19.5	2.5	0.41	4.0	8.3	1.8	9.5	1.5	0.41	4.0
50000.	517.1	0.8	>50.0	10.5	0.58	4.0	53.8	1.3	26.5	2.5	0.58	4.0	16.8	1.8	13.5	1.5	0.58	4.0
75000.	615.6	0.8	>50.0	12.5	0.87	4.0	106.3	1.3	37.5	3.5	0.87	4.0	36.3	1.3	20.5	2.5	0.87	4.0
100000.	664.9	0.8	>50.0	13.5	1.16	4.0	219.4	1.3	>50.0	4.5	1.16	4.0	53.8	1.3	26.5	2.5	1.16	4.0

182

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.8	0.8	1.5	0.5	0.04	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	3.3	0.3	4.5	1.5	0.09	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	50.0	0.3	18.0	3.5	0.27	1.0	1.3	0.3	2.5	0.5	0.27	1.0	0.3	0.8	0.5	0.5	0.27	1.0
25000.	148.0	0.3	32.0	6.5	0.45	1.0	3.3	0.3	4.5	1.5	0.45	1.0	0.8	0.8	1.5	0.5	0.45	1.0
35000.	299.3	0.3	46.5	8.5	0.63	1.0	9.8	0.3	7.5	1.5	0.63	1.0	1.5	0.3	3.0	0.5	0.63	1.0
50000.	621.9	0.3	>50.0	12.5	0.90	1.0	21.8	0.3	11.5	2.5	0.90	1.0	3.3	0.3	4.5	1.5	0.90	1.0
75000.	870.6	0.3	>50.0	17.5	1.34	1.0	50.0	0.3	18.0	3.5	1.34	1.0	11.3	0.3	8.5	1.5	1.34	1.0
100000.	1069.6	0.3	>50.0	21.5	1.79	1.0	89.5	0.3	25.0	4.5	1.79	1.0	21.8	0.3	11.5	2.5	1.79	1.0

183

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	4.3	3.8	8.5	0.5	0.03	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	102.5	2.3	39.0	3.5	0.08	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	310.4	2.3	>50.0	6.5	0.14	6.5	4.3	3.8	8.5	0.5	0.14	6.5	0.0	0.0	0.0	0.0	0.0	0.0
35000.	410.1	1.8	>50.0	8.5	0.20	6.5	18.5	2.8	15.0	1.5	0.20	6.5	0.0	0.0	0.0	0.0	0.0	0.0
50000.	506.6	1.8	>50.0	10.5	0.28	6.5	43.3	2.8	22.5	2.5	0.28	6.5	4.3	3.8	8.5	0.5	0.28	6.5
75000.	603.1	1.8	>50.0	12.5	0.42	6.5	102.5	2.3	39.0	3.5	0.42	6.5	20.8	2.8	16.5	1.5	0.42	6.5
100000.	651.4	1.8	>50.0	13.5	0.56	6.5	214.9	2.3	>50.0	4.5	0.56	6.5	43.3	2.8	22.5	2.5	0.56	6.5

184

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 1500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	67.5	6.8	33.0	2.5	0.03	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	246.1	5.3	>50.0	5.5	0.05	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	384.6	4.8	>50.0	8.5	0.07	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	480.4	4.3	>50.0	10.5	0.10	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75000.	578.1	3.8	>50.0	12.5	0.15	13.0	67.5	6.8	33.0	2.5	0.15	13.0	0.0	0.0	0.0	0.0	0.0	0.0
100000.	624.4	3.8	>50.0	13.5	0.20	13.0	199.1	5.8	>50.0	4.5	0.20	13.0	0.0	0.0	0.0	0.0	0.0	0.0

185

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 2000.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	44.5	18.8	20.0	2.5	0.03	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	218.6	10.3	>50.0	5.5	0.04	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	350.6	8.8	>50.0	8.5	0.06	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	443.6	7.8	>50.0	10.5	0.08	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75000.	540.6	6.8	>50.0	12.5	0.13	20.5	44.5	18.8	20.0	2.5	0.13	20.5	0.0	0.0	0.0	0.0	0.0	0.0
100000.	590.6	6.3	>50.0	13.5	0.17	20.5	169.9	12.3	>50.0	4.5	0.17	20.5	0.0	0.0	0.0	0.0	0.0	0.0

186

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	0.3	0.3	0.5	0.5	0.02	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
500.	0.3	0.3	0.5	0.5	0.04	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
750.	0.3	0.3	0.5	0.5	0.07	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
1000.	0.5	0.3	1.0	0.5	0.09	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
2500.	0.8	0.3	1.5	0.5	0.22	0.5	0.3	0.3	0.5	0.5	0.22	0.5	0.3	0.3	0.5	0.5	0.22	0.5
5000.	1.3	0.3	2.5	0.5	0.44	0.5	0.5	0.3	1.0	0.5	0.44	0.5	0.3	0.3	0.5	0.5	0.44	0.5
15000.	20.8	0.3	11.5	2.5	1.33	0.5	0.8	0.3	1.5	0.5	1.33	0.5	0.5	0.3	1.0	0.5	1.33	0.5
25000.	60.8	0.3	20.5	4.5	2.21	0.5	1.3	0.3	2.5	0.5	2.21	0.5	0.8	0.3	1.5	0.5	2.21	0.5
35000.	125.8	0.3	29.5	5.5	3.09	0.5	2.5	0.3	4.0	1.5	3.09	0.5	1.0	0.3	2.0	0.5	3.09	0.5

187

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
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	0.0	0.0	0.0	0.0	0.0	0.0
50.	0.3	0.3	0.5	0.5	0.02	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
100.	0.3	0.3	0.5	0.5	0.05	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
250.	0.8	0.3	1.5	0.5	0.12	0.5	0.3	0.3	0.5	0.5	0.12	0.5	0.0	0.0	0.0	0.0	0.0	0.0
500.	1.3	0.3	2.5	0.5	0.25	0.5	0.3	0.3	0.5	0.5	0.25	0.5	0.3	0.3	0.5	0.5	0.25	0.5
750.	1.8	0.3	3.5	0.5	0.37	0.5	0.5	0.3	1.0	0.5	0.37	0.5	0.3	0.3	0.5	0.5	0.37	0.5
1000.	2.3	0.3	4.5	0.5	0.49	0.5	0.8	0.3	1.5	0.5	0.49	0.5	0.3	0.3	0.5	0.5	0.49	0.5
2500.	6.8	0.3	8.5	1.5	1.24	0.5	1.3	0.3	2.5	0.5	1.24	0.5	0.8	0.3	1.5	0.5	1.24	0.5
5000.	16.8	0.3	13.5	1.5	2.47	0.5	2.3	0.3	4.5	0.5	2.47	0.5	1.3	0.3	2.5	0.5	2.47	0.5
15000.	75.8	0.3	29.5	3.5	7.42	0.5	9.3	0.3	9.5	1.5	7.42	0.5	3.0	0.3	6.0	0.5	7.42	0.5
25000.	149.5	0.3	43.0	4.5	12.37	0.5	16.8	0.3	13.5	1.5	12.37	0.5	6.8	0.3	8.5	1.5	12.37	0.5
35000.	273.6	0.3	>50.0	5.5	17.31	0.5	26.3	0.3	17.5	2.5	17.31	0.5	11.8	0.3	10.5	1.5	17.31	0.5

188

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
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	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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.3	0.3	0.5	0.5	0.04	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
750.	0.3	0.3	0.5	0.5	0.06	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
1000.	0.5	0.3	1.0	0.5	0.08	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
2500.	0.8	0.3	1.5	0.5	0.19	0.5	0.3	0.3	0.5	0.5	0.19	0.5	0.0	0.0	0.0	0.0	0.0	0.0
5000.	1.3	0.3	2.5	0.5	0.38	0.5	0.5	0.3	1.0	0.5	0.38	0.5	0.3	0.3	0.5	0.5	0.38	0.5
15000.	21.8	0.3	11.5	2.5	1.14	0.5	0.8	0.3	1.5	0.5	1.14	0.5	0.5	0.3	1.0	0.5	1.14	0.5
25000.	61.3	0.3	20.5	4.5	1.90	0.5	1.3	0.3	2.5	0.5	1.90	0.5	0.8	0.3	1.5	0.5	1.90	0.5
35000.	125.8	0.3	29.5	5.5	2.66	0.5	2.5	0.3	4.0	1.5	2.66	0.5	1.0	0.3	2.0	0.5	2.66	0.5
50000.	268.5	0.3	44.0	8.5	3.79	0.5	8.8	0.3	7.5	1.5	3.79	0.5	1.3	0.3	2.5	0.5	3.79	0.5

189

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	0.5	0.3	1.0	0.5	0.03	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	1.3	0.3	2.5	0.5	0.05	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	1.8	0.3	3.5	0.5	0.08	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	2.0	0.3	4.0	0.5	0.11	1.0	0.5	0.3	1.0	0.5	0.11	1.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	5.5	0.3	8.0	1.5	0.26	1.0	1.3	0.3	2.5	0.5	0.26	1.0	0.5	0.3	1.0	0.5	0.26	1.0
5000.	16.3	0.3	13.5	1.5	0.53	1.0	2.0	0.3	4.0	0.5	0.53	1.0	1.3	0.3	2.5	0.5	0.53	1.0
15000.	74.8	0.3	29.5	3.5	1.59	1.0	9.3	0.3	9.5	1.5	1.59	1.0	2.8	0.3	5.5	0.5	1.59	1.0
25000.	149.5	0.3	43.0	4.5	2.64	1.0	16.3	0.3	13.5	1.5	2.64	1.0	5.5	0.3	8.0	1.5	2.64	1.0
35000.	273.6	0.3	>50.0	5.5	3.70	1.0	22.5	0.3	17.0	1.5	3.70	1.0	10.8	0.3	10.5	1.5	3.70	1.0
50000.	373.1	0.3	>50.0	7.5	5.29	1.0	42.5	0.3	22.0	2.5	5.29	1.0	16.3	0.3	13.5	1.5	5.29	1.0

190

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.3	0.3	0.5	0.5	0.02	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
750.	0.3	0.3	0.5	0.5	0.03	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
1000.	0.3	0.3	0.5	0.5	0.04	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
2500.	0.8	0.3	1.5	0.5	0.11	0.5	0.3	0.3	0.5	0.5	0.11	0.5	0.0	0.0	0.0	0.0	0.0	0.0
5000.	1.5	0.3	3.0	0.5	0.22	0.5	0.3	0.3	0.5	0.5	0.22	0.5	0.3	0.3	0.5	0.5	0.22	0.5
15000.	21.3	0.3	11.5	2.5	0.66	0.5	0.8	0.3	1.5	0.5	0.66	0.5	0.5	0.3	1.0	0.5	0.66	0.5
25000.	61.8	0.3	20.5	4.5	1.10	0.5	1.5	0.3	3.0	0.5	1.10	0.5	0.8	0.3	1.5	0.5	1.10	0.5
35000.	125.8	0.3	29.5	5.5	1.54	0.5	2.0	0.3	4.0	0.5	1.54	0.5	1.0	0.3	2.0	0.5	1.54	0.5
50000.	268.5	0.3	44.0	8.5	2.20	0.5	8.8	0.3	7.5	1.5	2.20	0.5	1.5	0.3	3.0	0.5	2.20	0.5

191

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.5	1.8	1.0	0.5	0.02	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	3.3	0.8	6.5	0.5	0.05	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	14.0	0.8	12.0	1.5	0.11	2.0	0.5	1.8	1.0	0.5	0.11	2.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	67.0	0.8	28.0	3.5	0.32	2.0	3.8	0.8	7.5	0.5	0.32	2.0	1.8	1.3	3.5	0.5	0.32	2.0
25000.	143.5	0.8	42.0	4.5	0.54	2.0	14.0	0.8	12.0	1.5	0.54	2.0	3.3	0.8	6.5	0.5	0.54	2.0
35000.	270.9	0.8	>50.0	5.5	0.75	2.0	20.3	0.8	15.5	1.5	0.75	2.0	7.5	0.8	9.0	1.5	0.75	2.0
50000.	373.1	0.3	>50.0	7.5	1.08	2.0	38.3	0.8	20.5	2.5	1.08	2.0	14.0	0.8	12.0	1.5	1.08	2.0

192

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.8	0.3	1.5	0.5	0.04	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
5000.	1.5	0.3	3.0	0.5	0.09	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
15000.	21.3	0.3	11.5	2.5	0.27	0.5	0.8	0.3	1.5	0.5	0.27	0.5	0.5	0.3	1.0	0.5	0.27	0.5
25000.	61.8	0.3	20.5	4.5	0.45	0.5	1.5	0.3	3.0	0.5	0.45	0.5	0.8	0.3	1.5	0.5	0.45	0.5
35000.	125.8	0.3	29.5	5.5	0.62	0.5	2.5	0.3	4.0	1.5	0.62	0.5	1.0	0.3	2.0	0.5	0.62	0.5
50000.	268.5	0.3	44.0	8.5	0.89	0.5	8.8	0.3	7.5	1.5	0.89	0.5	1.5	0.3	3.0	0.5	0.89	0.5
75000.	621.9	0.3	>50.0	12.5	1.34	0.5	21.3	0.3	11.5	2.5	1.34	0.5	3.3	0.3	4.5	1.5	1.34	0.5
100000.	820.9	0.3	>50.0	16.5	1.78	0.5	40.0	0.3	16.0	3.5	1.78	0.5	8.8	0.3	7.5	1.5	1.78	0.5

193

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	6.5	1.8	9.0	1.5	0.04	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	53.8	1.3	26.5	2.5	0.12	4.0	1.5	2.8	3.0	0.5	0.12	4.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	141.0	1.3	45.0	4.5	0.19	4.0	6.5	1.8	9.0	1.5	0.19	4.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	268.1	1.3	>50.0	5.5	0.27	4.0	15.5	1.8	13.0	1.5	0.27	4.0	2.5	2.3	5.0	0.5	0.27	4.0
50000.	365.6	1.3	>50.0	7.5	0.39	4.0	26.8	1.3	18.5	2.5	0.39	4.0	6.5	1.8	9.0	1.5	0.39	4.0
75000.	517.1	0.8	>50.0	10.5	0.58	4.0	53.8	1.3	26.5	2.5	0.58	4.0	16.8	1.8	13.5	1.5	0.58	4.0
100000.	566.4	0.8	>50.0	11.5	0.77	4.0	91.5	1.3	34.0	3.5	0.77	4.0	26.8	1.3	18.5	2.5	0.77	4.0

194

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.5	0.8	1.0	0.5	0.03	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	1.5	0.3	3.0	0.5	0.06	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	21.8	0.3	11.5	2.5	0.18	1.0	0.5	0.8	1.0	0.5	0.18	1.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	61.8	0.3	20.5	4.5	0.30	1.0	1.5	0.3	3.0	0.5	0.30	1.0	0.5	0.8	1.0	0.5	0.30	1.0
35000.	126.3	0.3	29.5	5.5	0.42	1.0	3.0	0.3	4.0	1.5	0.42	1.0	0.8	0.8	1.5	0.5	0.42	1.0
50000.	268.5	0.3	44.0	8.5	0.60	1.0	9.3	0.3	7.5	1.5	0.60	1.0	1.5	0.3	3.0	0.5	0.60	1.0
75000.	621.9	0.3	>50.0	12.5	0.90	1.0	21.8	0.3	11.5	2.5	0.90	1.0	3.3	0.3	4.5	1.5	0.90	1.0
100000.	820.9	0.3	>50.0	16.5	1.20	1.0	40.0	0.3	16.0	3.5	1.20	1.0	9.3	0.3	7.5	1.5	1.20	1.0

195

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	43.3	2.8	22.5	2.5	0.06	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	126.3	2.3	43.5	3.5	0.09	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	262.6	2.3	>50.0	5.5	0.13	6.5	3.8	3.8	7.5	0.5	0.13	6.5	0.0	0.0	0.0	0.0	0.0	0.0
50000.	361.9	1.8	>50.0	7.5	0.19	6.5	16.8	3.3	13.5	1.5	0.19	6.5	0.0	0.0	0.0	0.0	0.0	0.0
75000.	506.6	1.8	>50.0	10.5	0.28	6.5	43.3	2.8	22.5	2.5	0.28	6.5	4.3	3.8	8.5	0.5	0.28	6.5
100000.	554.9	1.8	>50.0	11.5	0.38	6.5	76.0	2.3	31.0	3.5	0.38	6.5	16.8	3.3	13.5	1.5	0.38	6.5

196

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 1500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	95.5	6.3	39.0	3.5	0.03	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	246.1	5.3	>50.0	5.5	0.05	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	339.4	4.8	>50.0	7.5	0.07	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75000.	480.4	4.3	>50.0	10.5	0.10	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100000.	531.9	3.8	>50.0	11.5	0.13	13.0	35.8	7.3	26.5	2.5	0.13	13.0	0.0	0.0	0.0	0.0	0.0	0.0

197

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 2000.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	72.3	15.8	28.5	3.5	0.03	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	215.9	10.8	>50.0	5.5	0.04	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	309.4	8.8	>50.0	7.5	0.06	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75000.	443.6	7.8	>50.0	10.5	0.08	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100000.	497.4	6.8	>50.0	11.5	0.11	20.5	18.0	18.8	13.0	1.5	0.11	20.5	0.0	0.0	0.0	0.0	0.0	0.0

198

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.3	0.3	0.5	0.5	0.03	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
750.	0.3	0.3	0.5	0.5	0.04	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
1000.	0.3	0.3	0.5	0.5	0.05	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
2500.	0.5	0.3	1.0	0.5	0.13	0.5	0.3	0.3	0.5	0.5	0.13	0.5	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.8	0.3	1.5	0.5	0.27	0.5	0.3	0.3	0.5	0.5	0.27	0.5	0.3	0.3	0.5	0.5	0.27	0.5
15000.	5.5	0.3	5.0	1.5	0.80	0.5	0.5	0.3	1.0	0.5	0.80	0.5	0.5	0.3	1.0	0.5	0.80	0.5
25000.	20.8	0.3	11.5	2.5	1.33	0.5	0.8	0.3	1.5	0.5	1.33	0.5	0.5	0.3	1.0	0.5	1.33	0.5
35000.	44.0	0.3	17.0	3.5	1.86	0.5	1.0	0.3	2.0	0.5	1.86	0.5	0.8	0.3	1.5	0.5	1.86	0.5

199

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.	0.3	0.3	0.5	0.5	0.03	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
250.	0.5	0.3	1.0	0.5	0.07	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
500.	1.0	0.3	2.0	0.5	0.15	0.5	0.3	0.3	0.5	0.5	0.15	0.5	0.0	0.0	0.0	0.0	0.0	0.0
750.	1.3	0.3	2.5	0.5	0.22	0.5	0.3	0.3	0.5	0.5	0.22	0.5	0.3	0.3	0.5	0.5	0.22	0.5
1000.	1.5	0.3	3.0	0.5	0.30	0.5	0.5	0.3	1.0	0.5	0.30	0.5	0.3	0.3	0.5	0.5	0.30	0.5
2500.	3.0	0.3	6.0	0.5	0.74	0.5	1.0	0.3	2.0	0.5	0.74	0.5	0.5	0.3	1.0	0.5	0.74	0.5
5000.	9.3	0.3	9.5	1.5	1.48	0.5	1.5	0.3	3.0	0.5	1.48	0.5	1.0	0.3	2.0	0.5	1.48	0.5
15000.	38.8	0.3	20.5	2.5	4.45	0.5	3.3	0.3	6.5	0.5	4.45	0.5	2.0	0.3	4.0	0.5	4.45	0.5
25000.	75.8	0.3	29.5	3.5	7.42	0.5	9.3	0.3	9.5	1.5	7.42	0.5	3.0	0.3	6.0	0.5	7.42	0.5
35000.	119.5	0.3	38.0	4.5	10.39	0.5	14.5	0.3	12.0	1.5	10.39	0.5	3.8	0.3	7.5	0.5	10.39	0.5

200

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.3	0.3	0.5	0.5	0.02	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
750.	0.3	0.3	0.5	0.5	0.03	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
1000.	0.3	0.3	0.5	0.5	0.05	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
2500.	0.5	0.3	1.0	0.5	0.11	0.5	0.3	0.3	0.5	0.5	0.11	0.5	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.8	0.3	1.5	0.5	0.23	0.5	0.3	0.3	0.5	0.5	0.23	0.5	0.3	0.3	0.5	0.5	0.23	0.5
15000.	5.5	0.3	5.0	1.5	0.68	0.5	0.5	0.3	1.0	0.5	0.68	0.5	0.5	0.3	1.0	0.5	0.68	0.5
25000.	21.8	0.3	11.5	2.5	1.14	0.5	0.8	0.3	1.5	0.5	1.14	0.5	0.5	0.3	1.0	0.5	1.14	0.5
35000.	44.0	0.3	17.0	3.5	1.59	0.5	1.0	0.3	2.0	0.5	1.59	0.5	0.8	0.3	1.5	0.5	1.59	0.5
50000.	89.5	0.3	25.0	4.5	2.28	0.5	1.3	0.3	2.5	0.5	2.28	0.5	0.8	0.3	1.5	0.5	2.28	0.5

201

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLF MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.8	0.3	1.5	0.5	0.03	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	1.0	0.3	2.0	0.5	0.05	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	1.5	0.3	3.0	0.5	0.06	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	2.8	0.3	5.5	0.5	0.16	1.0	0.8	0.3	1.5	0.5	0.16	1.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	9.3	0.3	9.5	1.5	0.32	1.0	1.5	0.3	3.0	0.5	0.32	1.0	0.8	0.3	1.5	0.5	0.32	1.0
15000.	37.8	0.3	20.5	2.5	0.95	1.0	3.3	0.3	6.5	0.5	0.95	1.0	2.0	0.3	4.0	0.5	0.95	1.0
25000.	74.8	0.3	29.5	3.5	1.59	1.0	9.3	0.3	9.5	1.5	1.59	1.0	2.8	0.3	5.5	0.5	1.59	1.0
35000.	118.0	0.3	38.0	4.5	2.22	1.0	14.0	0.3	12.0	1.5	2.22	1.0	3.5	0.3	7.0	0.5	2.22	1.0
50000.	273.6	0.3	>50.0	5.5	3.17	1.0	19.3	0.3	15.5	1.5	3.17	1.0	9.3	0.3	9.5	1.5	3.17	1.0

202

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.3	0.3	0.5	0.5	0.03	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
2500.	0.5	0.3	1.0	0.5	0.07	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
5000.	0.8	0.3	1.5	0.5	0.13	0.5	0.3	0.3	0.5	0.5	0.13	0.5	0.0	0.0	0.0	0.0	0.0	0.0
15000.	6.0	0.3	5.0	1.5	0.40	0.5	0.5	0.3	1.0	0.5	0.40	0.5	0.3	0.3	0.5	0.5	0.40	0.5
25000.	21.3	0.3	11.5	2.5	0.66	0.5	0.8	0.3	1.5	0.5	0.66	0.5	0.5	0.3	1.0	0.5	0.66	0.5
35000.	44.0	0.3	17.0	3.5	0.93	0.5	1.0	0.3	2.0	0.5	0.93	0.5	0.8	0.3	1.5	0.5	0.93	0.5
50000.	89.5	0.3	25.0	4.5	1.32	0.5	1.8	0.3	3.5	0.5	1.32	0.5	0.8	0.3	1.5	0.5	1.32	0.5

203

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	1.8	1.3	3.5	0.5	0.03	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	3.8	0.8	7.5	0.5	0.06	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	32.0	0.8	19.0	2.5	0.19	2.0	2.3	0.8	4.5	0.5	0.19	2.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	67.0	0.8	28.0	3.5	0.32	2.0	3.8	0.8	7.5	0.5	0.32	2.0	1.8	1.3	3.5	0.5	0.32	2.0
35000.	105.5	0.8	37.0	3.5	0.45	2.0	10.8	0.8	10.5	1.5	0.45	2.0	2.8	0.8	5.5	0.5	0.45	2.0
50000.	270.9	0.8	>50.0	5.5	0.65	2.0	17.0	0.8	14.0	1.5	0.65	2.0	3.8	0.8	7.5	0.5	0.65	2.0

204

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.5	0.3	1.0	0.5	0.03	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
5000.	0.8	0.3	1.5	0.5	0.05	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
15000.	6.0	0.3	5.0	1.5	0.16	0.5	0.5	0.3	1.0	0.5	0.16	0.5	0.0	0.0	0.0	0.0	0.0	0.0
25000.	21.3	0.3	11.5	2.5	0.27	0.5	0.8	0.3	1.5	0.5	0.27	0.5	0.5	0.3	1.0	0.5	0.27	0.5
35000.	44.0	0.3	17.0	3.5	0.37	0.5	1.0	0.3	2.0	0.5	0.37	0.5	0.5	0.3	1.0	0.5	0.37	0.5
50000.	89.5	0.3	25.0	4.5	0.53	0.5	1.8	0.3	3.5	0.5	0.53	0.5	0.8	0.3	1.5	0.5	0.53	0.5
75000.	217.0	0.3	39.0	7.5	0.80	0.5	6.0	0.3	5.0	1.5	0.80	0.5	1.0	0.3	2.0	0.5	0.80	0.5
100000.	472.6	0.3	>50.0	9.5	1.07	0.5	12.0	0.3	9.0	1.5	1.07	0.5	1.8	0.3	3.5	0.5	1.07	0.5

205

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	1.5	2.8	3.0	0.5	0.02	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	21.3	1.8	16.5	1.5	0.07	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	53.8	1.3	26.5	2.5	0.12	4.0	1.5	2.8	3.0	0.5	0.12	4.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	97.5	1.3	35.0	3.5	0.16	4.0	3.3	2.3	6.5	0.5	0.16	4.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	219.4	1.3	>50.0	4.5	0.23	4.0	11.5	1.8	11.0	1.5	0.23	4.0	1.5	2.8	3.0	0.5	0.23	4.0
75000.	365.6	1.3	>50.0	7.5	0.35	4.0	21.3	1.8	16.5	1.5	0.35	4.0	4.0	1.8	8.0	0.5	0.35	4.0
100000.	463.1	1.3	>50.0	9.5	0.46	4.0	40.3	1.3	21.5	2.5	0.46	4.0	11.5	1.8	11.0	1.5	0.46	4.0

206

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.5	0.8	1.0	0.5	0.04	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	6.8	0.3	6.5	1.5	0.11	1.0	0.3	0.8	0.5	0.5	0.11	1.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	21.8	0.3	11.5	2.5	0.18	1.0	0.5	0.8	1.0	0.5	0.18	1.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	43.5	0.3	17.0	3.5	0.25	1.0	1.3	0.3	2.5	0.5	0.25	1.0	0.3	0.8	0.5	0.5	0.25	1.0
50000.	89.5	0.3	25.0	4.5	0.36	1.0	1.8	0.3	3.5	0.5	0.36	1.0	0.5	0.8	1.0	0.5	0.36	1.0
75000.	217.0	0.3	39.0	7.5	0.54	1.0	6.8	0.3	6.5	1.5	0.54	1.0	1.3	0.3	2.5	0.5	0.54	1.0
100000.	472.6	0.3	>50.0	9.5	0.72	1.0	12.0	0.3	9.0	1.5	0.72	1.0	1.8	0.3	3.5	0.5	0.72	1.0

207

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	13.5	3.3	12.0	1.5	0.03	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	43.3	2.8	22.5	2.5	0.06	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	83.8	2.3	32.5	3.5	0.08	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	214.9	2.3	>50.0	4.5	0.11	6.5	2.3	4.3	4.5	0.5	0.11	6.5	0.0	0.0	0.0	0.0	0.0	0.0
75000.	361.9	1.8	>50.0	7.5	0.17	6.5	13.5	3.3	12.0	1.5	0.17	6.5	0.0	0.0	0.0	0.0	0.0	0.0
100000.	458.4	1.8	>50.0	9.5	0.23	6.5	23.3	2.8	17.5	1.5	0.23	6.5	2.3	4.3	4.5	0.5	0.23	6.5

208

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 1500.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	47.5	7.3	29.0	2.5	0.03	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	199.1	5.8	>50.0	4.5	0.04	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75000.	339.4	4.8	>50.0	7.5	0.06	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100000.	384.6	4.8	>50.0	8.5	0.08	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

209

MIXING HEIGHT..... 2000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 2000.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	27.5	18.8	16.0	2.5	0.02	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	169.9	12.3	>50.0	4.5	0.03	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75000.	305.6	9.3	>50.0	7.5	0.05	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100000.	354.9	8.3	>50.0	8.5	0.07	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

210

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	0.0	0.0	0.0	0.0	0.0	0.0
50.	0.3	0.3	0.5	0.5	0.03	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
100.	0.3	0.3	0.5	0.5	0.07	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
250.	0.5	0.3	1.0	0.5	0.16	0.5	0.3	0.3	0.5	0.5	0.16	0.5	0.0	0.0	0.0	0.0	0.0	0.0
500.	1.0	0.3	2.0	0.5	0.33	0.5	0.3	0.3	0.5	0.5	0.33	0.5	0.3	0.3	0.5	0.5	0.33	0.5
750.	1.3	0.3	2.5	0.5	0.49	0.5	0.5	0.3	1.0	0.5	0.49	0.5	0.3	0.3	0.5	0.5	0.49	0.5
1000.	1.3	0.3	2.5	0.5	0.66	0.5	0.5	0.3	1.0	0.5	0.66	0.5	0.3	0.3	0.5	0.5	0.66	0.5
2500.	5.8	0.3	4.5	1.5	1.65	0.5	1.0	0.3	2.0	0.5	1.65	0.5	0.5	0.3	1.0	0.5	1.65	0.5
5000.	13.8	0.3	7.5	2.5	3.30	0.5	1.3	0.3	2.5	0.5	3.30	0.5	1.0	0.3	2.0	0.5	3.30	0.5
15000.	170.0	0.3	35.0	7.5	9.89	0.5	7.3	0.3	5.5	1.5	9.89	0.5	3.3	0.3	3.5	1.5	9.89	0.5
25000.	572.1	0.3	>50.0	11.5	16.49	0.5	13.8	0.3	7.5	2.5	16.49	0.5	5.8	0.3	4.5	1.5	16.49	0.5
35000.	721.4	0.3	>50.0	14.5	23.09	0.5	19.8	0.3	9.5	2.5	23.09	0.5	8.0	0.3	6.0	1.5	23.09	0.5

211

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
20.	0.5	0.3	1.0	0.5	0.07	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
50.	1.0	0.3	2.0	0.5	0.18	0.5	0.3	0.3	0.5	0.5	0.18	0.5	0.0	0.0	0.0	0.0	0.0	0.0
100.	1.8	0.3	3.5	0.5	0.37	0.5	0.5	0.3	1.0	0.5	0.37	0.5	0.3	0.3	0.5	0.5	0.37	0.5
250.	3.5	0.3	7.0	0.5	0.92	0.5	1.0	0.3	2.0	0.5	0.92	0.5	0.8	0.3	1.5	0.5	0.92	0.5
500.	12.0	0.3	11.0	1.5	1.85	0.5	1.8	0.3	3.5	0.5	1.85	0.5	1.0	0.3	2.0	0.5	1.85	0.5
750.	18.8	0.3	14.5	1.5	2.77	0.5	2.5	0.3	5.0	0.5	2.77	0.5	1.5	0.3	3.0	0.5	2.77	0.5
1000.	28.8	0.3	17.5	2.5	3.69	0.5	3.0	0.3	6.0	0.5	3.69	0.5	1.8	0.3	3.5	0.5	3.69	0.5
2500.	95.5	0.3	34.0	3.5	9.23	0.5	12.0	0.3	11.0	1.5	9.23	0.5	3.5	0.3	7.0	0.5	9.23	0.5
5000.	273.6	0.3	>50.0	5.5	18.47	0.5	28.8	0.3	17.5	2.5	18.47	0.5	12.0	0.3	11.0	1.5	18.47	0.5
15000.	572.1	0.3	>50.0	11.5	55.40	0.5	124.3	0.3	38.5	4.5	55.40	0.5	47.8	0.3	23.5	2.5	55.40	0.5
25000.	671.6	0.3	>50.0	13.5	92.33	0.5	273.6	0.3	>50.0	5.5	92.33	0.5	95.5	0.3	34.0	3.5	92.33	0.5
35000.	721.4	0.3	>50.0	14.5	129.26	0.5	373.1	0.3	>50.0	7.5	129.26	0.5	150.5	0.3	43.0	4.5	129.26	0.5

212

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
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	0.0	0.0	0.0	0.0	0.0	0.0
50.	0.3	0.3	0.5	0.5	0.03	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
100.	0.3	0.3	0.5	0.5	0.06	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
250.	0.5	0.3	1.0	0.5	0.14	0.5	0.3	0.3	0.5	0.5	0.14	0.5	0.0	0.0	0.0	0.0	0.0	0.0
500.	1.0	0.3	2.0	0.5	0.28	0.5	0.3	0.3	0.5	0.5	0.28	0.5	0.3	0.3	0.5	0.5	0.28	0.5
750.	1.3	0.3	2.5	0.5	0.42	0.5	0.5	0.3	1.0	0.5	0.42	0.5	0.3	0.3	0.5	0.5	0.42	0.5
1000.	1.3	0.3	2.5	0.5	0.55	0.5	0.5	0.3	1.0	0.5	0.55	0.5	0.3	0.3	0.5	0.5	0.55	0.5
2500.	6.0	0.3	5.0	1.5	1.39	0.5	1.0	0.3	2.0	0.5	1.39	0.5	0.5	0.3	1.0	0.5	1.39	0.5
5000.	13.8	0.3	7.5	2.5	2.77	0.5	1.3	0.3	2.5	0.5	2.77	0.5	1.0	0.3	2.0	0.5	2.77	0.5
15000.	170.0	0.3	35.0	7.5	8.32	0.5	7.3	0.3	5.5	1.5	8.32	0.5	3.3	0.3	3.5	1.5	8.32	0.5
25000.	572.1	0.3	>50.0	11.5	13.87	0.5	13.8	0.3	7.5	2.5	13.87	0.5	6.0	0.3	5.0	1.5	13.87	0.5
35000.	721.4	0.3	>50.0	14.5	19.41	0.5	19.8	0.3	9.5	2.5	19.41	0.5	8.0	0.3	6.0	1.5	19.41	0.5
50000.	920.4	0.3	>50.0	18.5	27.73	0.5	31.0	0.3	12.0	3.5	27.73	0.5	13.8	0.3	7.5	2.5	27.73	0.5

213

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
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	0.0	0.0	0.0	0.0	0.0	0.0
50.	1.0	0.3	2.0	0.5	0.04	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
100.	1.8	0.3	3.5	0.5	0.08	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
250.	3.3	0.3	6.5	0.5	0.20	0.5	1.0	0.3	2.0	0.5	0.20	0.5	0.0	0.0	0.0	0.0	0.0	0.0
500.	11.8	0.3	10.5	1.5	0.40	0.5	1.8	0.3	3.5	0.5	0.40	0.5	1.0	0.3	2.0	0.5	0.40	0.5
750.	17.8	0.3	14.5	1.5	0.60	0.5	2.3	0.3	4.5	0.5	0.60	0.5	1.3	0.3	2.5	0.5	0.60	0.5
1000.	25.3	0.3	17.5	2.5	0.79	0.5	2.8	0.3	5.5	0.5	0.79	0.5	1.8	0.3	3.5	0.5	0.79	0.5
2500.	93.3	0.3	33.5	3.5	1.98	0.5	11.8	0.3	10.5	1.5	1.98	0.5	3.3	0.3	6.5	0.5	1.98	0.5
5000.	273.6	0.3	>50.0	5.5	3.97	0.5	25.3	0.3	17.5	2.5	3.97	0.5	11.8	0.3	10.5	1.5	3.97	0.5
15000.	572.1	0.3	>50.0	11.5	11.91	0.5	123.0	0.3	38.0	4.5	11.91	0.5	46.3	0.3	23.5	2.5	11.91	0.5
25000.	671.6	0.3	>50.0	13.5	19.84	0.5	273.6	0.3	>50.0	5.5	19.84	0.5	93.3	0.3	33.5	3.5	19.84	0.5
35000.	721.4	0.3	>50.0	14.5	27.78	0.5	373.1	0.3	>50.0	7.5	27.78	0.5	147.8	0.3	42.5	4.5	27.78	0.5
50000.	771.1	0.3	>50.0	15.5	39.69	0.5	472.6	0.3	>50.0	9.5	39.69	0.5	273.6	0.3	>50.0	5.5	39.69	0.5

214

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
100.	0.3	0.3	0.5	0.5	0.03	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
250.	0.5	0.3	1.0	0.5	0.08	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
500.	1.0	0.3	2.0	0.5	0.16	0.5	0.3	0.3	0.5	0.5	0.16	0.5	0.0	0.0	0.0	0.0	0.0	0.0
750.	1.3	0.3	2.5	0.5	0.23	0.5	0.5	0.3	1.0	0.5	0.23	0.5	0.3	0.3	0.5	0.5	0.23	0.5
1000.	1.3	0.3	2.5	0.5	0.31	0.5	0.5	0.3	1.0	0.5	0.31	0.5	0.3	0.3	0.5	0.5	0.31	0.5
2500.	6.0	0.3	5.0	1.5	0.78	0.5	1.0	0.3	2.0	0.5	0.78	0.5	0.5	0.3	1.0	0.5	0.78	0.5
5000.	13.8	0.3	7.5	2.5	1.56	0.5	1.3	0.3	2.5	0.5	1.56	0.5	1.0	0.3	2.0	0.5	1.56	0.5
15000.	173.0	0.3	35.0	7.5	4.67	0.5	7.3	0.3	5.5	1.5	4.67	0.5	3.3	0.3	3.5	1.5	4.67	0.5
25000.	572.1	0.3	>50.0	11.5	7.78	0.5	13.8	0.3	7.5	2.5	7.78	0.5	6.0	0.3	5.0	1.5	7.78	0.5
35000.	721.4	0.3	>50.0	14.5	10.89	0.5	20.3	0.3	9.5	2.5	10.89	0.5	8.0	0.3	6.0	1.5	10.89	0.5
50000.	920.4	0.3	>50.0	18.5	15.56	0.5	31.0	0.3	12.0	3.5	15.56	0.5	13.8	0.3	7.5	2.5	15.56	0.5

215

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	2.5	0.8	5.0	0.5	0.04	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	7.8	0.8	8.5	1.5	0.08	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	15.3	0.8	12.5	1.5	0.12	2.0	1.0	1.3	2.0	0.5	0.12	2.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	21.0	0.8	16.0	1.5	0.16	2.0	1.8	1.3	3.5	0.5	0.16	2.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	87.0	0.8	32.0	3.5	0.40	2.0	7.8	0.8	8.5	1.5	0.40	2.0	2.5	0.8	5.0	0.5	0.40	2.0
5000.	273.6	0.3	>50.0	5.5	0.81	2.0	21.0	0.8	16.0	1.5	0.81	2.0	7.8	0.8	8.5	1.5	0.81	2.0
15000.	572.1	0.3	>50.0	11.5	2.42	2.0	111.0	0.8	37.0	4.5	2.42	2.0	42.5	0.8	22.0	2.5	2.42	2.0
25000.	671.6	0.3	>50.0	13.5	4.04	2.0	273.6	0.3	>50.0	5.5	4.04	2.0	87.0	0.8	32.0	3.5	4.04	2.0
35000.	721.4	0.3	>50.0	14.5	5.65	2.0	373.1	0.3	>50.0	7.5	5.65	2.0	140.5	0.8	41.0	4.5	5.65	2.0
50000.	771.1	0.3	>50.0	15.5	8.08	2.0	472.6	0.3	>50.0	9.5	8.08	2.0	273.6	0.3	>50.0	5.5	8.08	2.0

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MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.5	0.3	1.0	0.5	0.03	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
500.	0.8	0.3	1.5	0.5	0.07	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
750.	1.0	0.3	2.0	0.5	0.10	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
1000.	1.3	0.3	2.5	0.5	0.13	0.5	0.5	0.3	1.0	0.5	0.13	0.5	0.0	0.0	0.0	0.0	0.0	0.0
2500.	6.0	0.3	5.0	1.5	0.33	0.5	0.8	0.3	1.5	0.5	0.33	0.5	0.5	0.3	1.0	0.5	0.33	0.5
5000.	14.3	0.3	7.5	2.5	0.66	0.5	1.3	0.3	2.5	0.5	0.66	0.5	0.8	0.3	1.5	0.5	0.66	0.5
15000.	173.0	0.3	35.0	7.5	1.99	0.5	7.3	0.3	5.5	1.5	1.99	0.5	3.3	0.3	3.5	1.5	1.99	0.5
25000.	572.1	0.3	>50.0	11.5	3.32	0.5	14.3	0.3	7.5	2.5	3.32	0.5	6.0	0.3	5.0	1.5	3.32	0.5
35000.	721.4	0.3	>50.0	14.5	4.65	0.5	20.3	0.3	9.5	2.5	4.65	0.5	8.0	0.3	6.0	1.5	4.65	0.5
50000.	920.4	0.3	>50.0	18.5	6.64	0.5	32.0	0.3	12.0	3.5	6.64	0.5	14.3	0.3	7.5	2.5	6.64	0.5
75000.	1169.1	0.3	>50.0	23.5	9.96	0.5	173.0	0.3	35.0	7.5	9.96	0.5	21.0	0.3	10.0	2.5	9.96	0.5
100000.	1268.6	0.3	>50.0	25.5	13.28	0.5	296.5	0.3	45.0	9.5	13.28	0.5	32.0	0.3	12.0	3.5	13.28	0.5

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MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	2.8	2.3	5.5	0.5	0.03	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	8.8	1.8	9.5	1.5	0.04	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	16.0	1.8	13.0	1.5	0.06	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	76.0	1.3	30.0	3.5	0.14	4.0	2.8	2.3	5.5	0.5	0.14	4.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	268.1	1.3	>50.0	5.5	0.29	4.0	16.0	1.8	13.0	1.5	0.29	4.0	2.8	2.3	5.5	0.5	0.29	4.0
15000.	517.1	0.8	>50.0	10.5	0.87	4.0	97.0	1.3	35.0	3.5	0.87	4.0	32.3	1.3	19.5	2.5	0.87	4.0
25000.	664.9	0.8	>50.0	13.5	1.45	4.0	268.1	1.3	>50.0	5.5	1.45	4.0	76.0	1.3	30.0	3.5	1.45	4.0
35000.	714.1	0.8	>50.0	14.5	2.03	4.0	320.1	0.8	>50.0	6.5	2.03	4.0	126.0	1.3	39.0	4.5	2.03	4.0
50000.	763.4	0.8	>50.0	15.5	2.90	4.0	418.6	0.8	>50.0	8.5	2.90	4.0	268.1	1.3	>50.0	5.5	2.90	4.0
75000.	861.9	0.8	>50.0	17.5	4.35	4.0	517.1	0.8	>50.0	10.5	4.35	4.0	369.4	0.8	>50.0	7.5	4.35	4.0
100000.	861.9	0.8	>50.0	17.5	5.80	4.0	615.6	0.8	>50.0	12.5	5.80	4.0	418.6	0.8	>50.0	8.5	5.80	4.0

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MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
250.	0.3	0.8	0.5	0.5	0.02	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.8	0.3	1.5	0.5	0.04	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	1.0	0.3	2.0	0.5	0.06	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	1.3	0.3	2.5	0.5	0.08	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	5.5	0.3	5.0	1.5	0.21	1.0	0.8	0.3	1.5	0.5	0.21	1.0	0.3	0.8	0.5	0.5	0.21	1.0
5000.	14.3	0.3	7.5	2.5	0.42	1.0	1.3	0.3	2.5	0.5	0.42	1.0	0.8	0.3	1.5	0.5	0.42	1.0
15000.	173.0	0.3	35.0	7.5	1.26	1.0	7.3	0.3	5.5	1.5	1.26	1.0	3.3	0.3	3.5	1.5	1.26	1.0
25000.	572.1	0.3	>50.0	11.5	2.10	1.0	14.3	0.3	7.5	2.5	2.10	1.0	5.5	0.3	5.0	1.5	2.10	1.0
35000.	721.4	0.3	>50.0	14.5	2.94	1.0	20.3	0.3	9.5	2.5	2.94	1.0	8.0	0.3	6.0	1.5	2.94	1.0
50000.	920.4	0.3	>50.0	18.5	4.21	1.0	32.0	0.3	12.0	3.5	4.21	1.0	14.3	0.3	7.5	2.5	4.21	1.0
75000.	1169.1	0.3	>50.0	23.5	6.31	1.0	173.0	0.3	35.0	7.5	6.31	1.0	21.5	0.3	10.0	2.5	6.31	1.0
100000.	1268.6	0.3	>50.0	25.5	8.41	1.0	296.5	0.3	45.0	9.5	8.41	1.0	32.0	0.3	12.0	3.5	8.41	1.0

219

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	1.5	4.8	3.0	0.5	0.02	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	3.8	3.8	7.5	0.5	0.03	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	55.8	2.3	26.5	2.5	0.07	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	265.4	1.8	>50.0	5.5	0.14	6.0	3.8	3.8	7.5	0.5	0.14	6.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	506.6	1.8	>50.0	10.5	0.42	6.0	81.8	2.3	31.5	3.5	0.42	6.0	19.5	2.8	15.0	1.5	0.42	6.0
25000.	609.4	1.3	>50.0	12.5	0.70	6.0	265.4	1.8	>50.0	5.5	0.70	6.0	55.8	2.3	26.5	2.5	0.70	6.0
35000.	706.9	1.3	>50.0	14.5	0.98	6.0	313.6	1.8	>50.0	6.5	0.98	6.0	101.5	2.3	36.0	3.5	0.98	6.0
50000.	755.6	1.3	>50.0	15.5	1.41	6.0	410.1	1.8	>50.0	8.5	1.41	6.0	265.4	1.8	>50.0	5.5	1.41	6.0
75000.	804.4	1.3	>50.0	16.5	2.11	6.0	506.6	1.8	>50.0	10.5	2.11	6.0	313.6	1.8	>50.0	6.5	2.11	6.0
100000.	853.1	1.3	>50.0	17.5	2.81	6.0	554.9	1.8	>50.0	11.5	2.81	6.0	410.1	1.8	>50.0	8.5	2.81	6.0

220

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 1500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	9.0	7.8	11.0	1.5	0.02	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	108.3	5.3	37.5	3.5	0.05	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	439.4	3.8	>50.0	9.5	0.14	12.0	23.5	6.8	18.0	1.5	0.14	12.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	584.4	3.3	>50.0	12.5	0.23	12.0	108.3	5.3	37.5	3.5	0.23	12.0	9.0	7.8	11.0	1.5	0.23	12.0
35000.	631.1	3.3	>50.0	13.5	0.32	12.0	248.9	4.8	>50.0	5.5	0.32	12.0	45.8	6.3	23.5	2.5	0.32	12.0
50000.	677.9	3.3	>50.0	14.5	0.46	12.0	343.1	4.3	>50.0	7.5	0.46	12.0	108.3	5.3	37.5	3.5	0.46	12.0
75000.	779.6	2.8	>50.0	16.5	0.69	12.0	439.4	3.8	>50.0	9.5	0.69	12.0	248.9	4.8	>50.0	5.5	0.69	12.0
100000.	826.9	2.8	>50.0	17.5	0.92	12.0	531.9	3.8	>50.0	11.5	0.92	12.0	343.1	4.3	>50.0	7.5	0.92	12.0

221

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 2000.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	4.5	16.8	9.0	0.5	0.02	21.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	363.4	7.3	>50.0	8.5	0.06	21.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	503.1	6.3	>50.0	11.5	0.10	21.5	4.5	16.8	9.0	0.5	0.10	21.5	0.0	0.0	0.0	0.0	0.0	0.0
35000.	553.1	5.8	>50.0	12.5	0.15	21.5	92.5	11.3	35.0	3.5	0.15	21.5	0.0	0.0	0.0	0.0	0.0	0.0
50000.	648.9	5.3	>50.0	14.5	0.21	21.5	224.1	9.3	>50.0	5.5	0.21	21.5	4.5	16.8	9.0	0.5	0.21	21.5
75000.	693.6	5.3	>50.0	15.5	0.31	21.5	363.4	7.3	>50.0	8.5	0.31	21.5	137.4	10.8	>50.0	3.5	0.31	21.5
100000.	746.6	4.8	>50.0	16.5	0.42	21.5	454.1	6.8	>50.0	10.5	0.42	21.5	224.1	9.3	>50.0	5.5	0.42	21.5

222

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 2500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	225.9	15.3	>50.0	6.5	0.03	31.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	363.4	11.8	>50.0	9.5	0.06	31.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	451.4	10.8	>50.0	11.5	0.08	31.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	503.1	9.8	>50.0	12.5	0.11	31.5	0.3	21.3	0.5	0.5	0.10	21.5	0.0	0.0	0.0	0.0	0.0	0.0
75000.	598.1	8.8	>50.0	14.5	0.17	31.5	225.9	15.3	>50.0	6.5	0.17	31.5	0.0	0.0	0.0	0.0	0.0	0.0
100000.	654.9	7.8	>50.0	15.5	0.23	31.5	312.4	13.3	>50.0	8.5	0.23	31.5	0.3	21.3	0.5	0.5	0.20	21.5

223

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 3500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	32.4	40.8	>50.0	3.5	0.02	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	128.4	30.3	>50.0	6.5	0.03	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	239.9	24.8	>50.0	9.5	0.04	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75000.	330.6	21.3	>50.0	11.5	0.07	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100000.	384.4	19.3	>50.0	12.5	0.09	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

224

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 5000.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75000.	16.9	46.3	>50.0	4.5	0.02	50.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100000.	65.6	41.3	>50.0	7.5	0.03	50.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

225

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.	0.3	0.3	0.5	0.5	0.03	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
250.	0.3	0.3	0.5	0.5	0.07	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
500.	0.5	0.3	1.0	0.5	0.13	0.5	0.3	0.3	0.5	0.5	0.13	0.5	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.8	0.3	1.5	0.5	0.20	0.5	0.3	0.3	0.5	0.5	0.20	0.5	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.8	0.3	1.5	0.5	0.27	0.5	0.3	0.3	0.5	0.5	0.27	0.5	0.3	0.3	0.5	0.5	0.27	0.5
2500.	1.8	0.3	2.5	1.5	0.66	0.5	0.5	0.3	1.0	0.5	0.66	0.5	0.3	0.3	0.5	0.5	0.66	0.5
5000.	5.0	0.3	4.0	1.5	1.33	0.5	0.8	0.3	1.5	0.5	1.33	0.5	0.5	0.3	1.0	0.5	1.33	0.5
15000.	23.3	0.3	11.5	2.5	3.98	0.5	2.5	0.3	3.0	1.5	3.98	0.5	1.0	0.3	2.0	0.5	3.98	0.5
25000.	87.0	0.3	25.0	4.5	6.63	0.5	5.0	0.3	4.0	1.5	6.63	0.5	1.8	0.3	2.5	1.5	6.63	0.5
35000.	181.8	0.3	36.5	6.5	9.28	0.5	6.5	0.3	5.0	1.5	9.28	0.5	3.3	0.3	3.5	1.5	9.28	0.5

226

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
20.	0.3	0.3	0.5	0.5	0.03	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
50.	0.5	0.3	1.0	0.5	0.07	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
100.	1.0	0.3	2.0	0.5	0.15	0.5	0.3	0.3	0.5	0.5	0.15	0.5	0.0	0.0	0.0	0.0	0.0	0.0
250.	1.8	0.3	3.5	0.5	0.37	0.5	0.5	0.3	1.0	0.5	0.37	0.5	0.3	0.3	0.5	0.5	0.37	0.5
500.	3.0	0.3	6.0	0.5	0.74	0.5	1.0	0.3	2.0	0.5	0.74	0.5	0.5	0.3	1.0	0.5	0.74	0.5
750.	5.0	0.3	8.0	1.5	1.11	0.5	1.3	0.3	2.5	0.5	1.11	0.5	0.8	0.3	1.5	0.5	1.11	0.5
1000.	9.3	0.3	9.5	1.5	1.48	0.5	1.5	0.3	3.0	0.5	1.48	0.5	1.0	0.3	2.0	0.5	1.48	0.5
2500.	30.5	0.3	18.0	2.5	3.71	0.5	3.0	0.3	6.0	0.5	3.71	0.5	1.8	0.3	3.5	0.5	3.71	0.5
5000.	75.8	0.3	29.5	3.5	7.42	0.5	9.3	0.3	9.5	1.5	7.42	0.5	3.0	0.3	6.0	0.5	7.42	0.5
15000.	323.4	0.3	>50.0	6.5	22.26	0.5	38.8	0.3	20.5	2.5	22.26	0.5	15.3	0.3	12.5	1.5	22.26	0.5
25000.	472.6	0.3	>50.0	9.5	37.10	0.5	75.8	0.3	29.5	3.5	37.10	0.5	30.5	0.3	18.0	2.5	37.10	0.5
35000.	572.1	0.3	>50.0	11.5	51.94	0.5	116.0	0.3	37.0	4.5	51.94	0.5	45.0	0.3	23.0	2.5	51.94	0.5

227

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.	0.3	0.3	0.5	0.5	0.02	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
250.	0.3	0.3	0.5	0.5	0.06	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
500.	0.5	0.3	1.0	0.5	0.11	0.5	0.3	0.3	0.5	0.5	0.11	0.5	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.8	0.3	1.5	0.5	0.17	0.5	0.3	0.3	0.5	0.5	0.17	0.5	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.8	0.3	1.5	0.5	0.23	0.5	0.3	0.3	0.5	0.5	0.23	0.5	0.3	0.3	0.5	0.5	0.23	0.5
2500.	1.8	0.3	2.5	1.5	0.57	0.5	0.5	0.3	1.0	0.5	0.57	0.5	0.3	0.3	0.5	0.5	0.57	0.5
5000.	5.0	0.3	4.0	1.5	1.14	0.5	0.8	0.3	1.5	0.5	1.14	0.5	0.5	0.3	1.0	0.5	1.14	0.5
15000.	23.8	0.3	11.5	2.5	3.41	0.5	2.5	0.3	3.0	1.5	3.41	0.5	1.0	0.3	2.0	0.5	3.41	0.5
25000.	87.0	0.3	25.0	4.5	5.69	0.5	5.0	0.3	4.0	1.5	5.69	0.5	1.8	0.3	2.5	1.5	5.69	0.5
35000.	181.8	0.3	36.5	6.5	7.97	0.5	6.5	0.3	5.0	1.5	7.97	0.5	3.0	0.3	3.0	1.5	7.97	0.5
50000.	472.6	0.3	>50.0	9.5	11.38	0.5	8.0	0.3	6.0	1.5	11.38	0.5	5.0	0.3	4.0	1.5	11.38	0.5

228

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.	0.8	0.3	1.5	0.5	0.03	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	1.8	0.3	3.5	0.5	0.08	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	2.8	0.3	5.5	0.5	0.16	1.0	0.8	0.3	1.5	0.5	0.16	1.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	3.8	0.3	7.5	0.5	0.24	1.0	1.0	0.3	2.0	0.5	0.24	1.0	0.5	0.3	1.0	0.5	0.24	1.0
1000.	9.3	0.3	9.5	1.5	0.32	1.0	1.5	0.3	3.0	0.5	0.32	1.0	0.8	0.3	1.5	0.5	0.32	1.0
2500.	28.5	0.3	18.0	2.5	0.79	1.0	2.8	0.3	5.5	0.5	0.79	1.0	1.8	0.3	3.5	0.5	0.79	1.0
5000.	73.0	0.3	29.0	3.5	1.59	1.0	9.3	0.3	9.5	1.5	1.59	1.0	2.8	0.3	5.5	0.5	1.59	1.0
15000.	323.4	0.3	>50.0	6.5	4.76	1.0	37.8	0.3	20.5	2.5	4.76	1.0	14.8	0.3	12.5	1.5	4.76	1.0
25000.	472.6	0.3	>50.0	9.5	7.93	1.0	73.0	0.3	29.0	3.5	7.93	1.0	28.5	0.3	18.0	2.5	7.93	1.0
35000.	522.4	0.3	>50.0	10.5	11.11	1.0	114.0	0.3	37.0	4.5	11.11	1.0	44.8	0.3	22.5	2.5	11.11	1.0
50000.	621.9	0.3	>50.0	12.5	15.86	1.0	182.5	0.3	47.0	5.5	15.86	1.0	73.0	0.3	29.0	3.5	15.86	1.0

229

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DC M
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
250.	0.3	0.3	0.5	0.5	0.03	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.
500.	0.5	0.3	1.0	0.5	0.07	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.
750.	0.8	0.3	1.5	0.5	0.10	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.
1000.	0.8	0.3	1.5	0.5	0.13	0.5	0.3	0.3	0.5	0.5	0.13	0.5	0.0	0.0	0.0	0.0	0.0	0.
2500.	1.3	0.3	2.5	0.5	0.33	0.5	0.5	0.3	1.0	0.5	0.33	0.5	0.3	0.3	0.5	0.5	0.33	0.
5000.	4.5	0.3	4.0	1.5	0.66	0.5	0.8	0.3	1.5	0.5	0.66	0.5	0.5	0.3	1.0	0.5	0.66	0.
15000.	23.8	0.3	11.5	2.5	1.98	0.5	2.5	0.3	3.0	1.5	1.98	0.5	1.0	0.3	2.0	0.5	1.98	0.
25000.	87.5	0.3	25.0	4.5	3.31	0.5	4.5	0.3	4.0	1.5	3.31	0.5	1.3	0.3	2.5	0.5	3.31	0.
35000.	182.8	0.3	36.5	6.5	4.63	0.5	6.5	0.3	5.0	1.5	4.63	0.5	3.0	0.3	3.0	1.5	4.63	0.
50000.	472.6	0.3	>50.0	9.5	6.61	0.5	8.0	0.3	6.0	1.5	6.61	0.5	4.5	0.3	4.0	1.5	6.61	0.

230

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	1.8	1.3	3.5	0.5	0.03	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	3.0	0.8	6.0	0.5	0.05	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	3.8	0.8	7.5	0.5	0.06	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	21.8	0.8	16.5	1.5	0.16	2.0	1.8	1.3	3.5	0.5	0.16	2.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	65.8	0.8	27.5	3.5	0.32	2.0	3.8	0.8	7.5	0.5	0.32	2.0	1.8	1.3	3.5	0.5	0.32	2.0
15000.	320.1	0.8	>50.0	6.5	0.97	2.0	32.0	0.8	19.0	2.5	0.97	2.0	12.0	0.8	11.0	1.5	0.97	2.0
25000.	472.6	0.3	>50.0	9.5	1.62	2.0	65.8	0.8	27.5	3.5	1.62	2.0	21.8	0.8	16.5	1.5	1.62	2.0
35000.	522.4	0.3	>50.0	10.5	2.26	2.0	101.3	0.8	35.5	3.5	2.26	2.0	40.0	0.8	21.0	2.5	2.26	2.0
50000.	621.9	0.3	>50.0	12.5	3.23	2.0	165.8	0.8	45.5	4.5	3.23	2.0	65.8	0.8	27.5	3.5	3.23	2.0

231

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.5	0.3	1.0	0.5	0.03	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
750.	0.5	0.3	1.0	0.5	0.04	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
1000.	0.8	0.3	1.5	0.5	0.05	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
2500.	1.3	0.3	2.5	0.5	0.13	0.5	0.5	0.3	1.0	0.5	0.13	0.5	0.0	0.0	0.0	0.0	0.0	0.0
5000.	4.5	0.3	4.0	1.5	0.27	0.5	0.8	0.3	1.5	0.5	0.27	0.5	0.5	0.3	1.0	0.5	0.27	0.5
15000.	23.8	0.3	11.5	2.5	0.80	0.5	2.5	0.3	3.0	1.5	0.80	0.5	1.0	0.3	2.0	0.5	0.80	0.5
25000.	87.5	0.3	25.0	4.5	1.34	0.5	4.5	0.3	4.0	1.5	1.34	0.5	1.3	0.3	2.5	0.5	1.34	0.5
35000.	183.3	0.3	36.5	6.5	1.87	0.5	6.5	0.3	5.0	1.5	1.87	0.5	3.0	0.3	3.0	1.5	1.87	0.5
50000.	472.6	0.3	>50.0	9.5	2.67	0.5	8.5	0.3	6.0	1.5	2.67	0.5	4.5	0.3	4.0	1.5	2.67	0.5
75000.	721.4	0.3	>50.0	14.5	4.01	0.5	23.8	0.3	11.5	2.5	4.01	0.5	6.5	0.3	5.0	1.5	4.01	0.5
100000.	920.4	0.3	>50.0	18.5	5.35	0.5	52.8	0.3	19.5	3.5	5.35	0.5	8.5	0.3	6.0	1.5	5.35	0.5

232

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	1.5	2.8	3.0	0.5	0.02	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	16.8	1.8	13.5	1.5	0.06	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	52.3	1.3	25.5	2.5	0.12	4.0	1.5	2.8	3.0	0.5	0.12	4.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	316.9	1.3	>50.0	6.5	0.35	4.0	21.0	1.8	16.0	1.5	0.35	4.0	4.0	1.8	8.0	0.5	0.35	4.0
25000.	418.6	0.8	>50.0	8.5	0.58	4.0	52.3	1.3	25.5	2.5	0.58	4.0	16.8	1.8	13.5	1.5	0.58	4.0
35000.	517.1	0.8	>50.0	10.5	0.81	4.0	91.8	1.3	33.5	3.5	0.81	4.0	31.0	1.3	19.0	2.5	0.81	4.0
50000.	615.6	0.8	>50.0	12.5	1.16	4.0	153.3	1.3	43.5	4.5	1.16	4.0	52.3	1.3	25.5	2.5	1.16	4.0
75000.	664.9	0.8	>50.0	13.5	1.74	4.0	316.9	1.3	>50.0	6.5	1.74	4.0	98.5	1.3	35.0	3.5	1.74	4.0
100000.	714.1	0.8	>50.0	14.5	2.32	4.0	365.6	1.3	>50.0	7.5	2.32	4.0	153.3	1.3	43.5	4.5	2.32	4.0

233

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... UNSTABLE-B

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.3	0.8	0.5	0.5	0.03	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.5	0.8	1.0	0.5	0.04	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	1.3	0.3	2.5	0.5	0.09	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	4.5	0.3	4.0	1.5	0.18	1.0	0.5	0.8	1.0	0.5	0.18	1.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	23.8	0.3	11.5	2.5	0.54	1.0	2.0	0.3	3.0	1.5	0.54	1.0	1.0	0.3	2.0	0.5	0.54	1.0
25000.	87.5	0.3	25.0	4.5	0.89	1.0	4.5	0.3	4.0	1.5	0.89	1.0	1.3	0.3	2.5	0.5	0.89	1.0
35000.	183.3	0.3	36.5	6.5	1.25	1.0	6.0	0.3	5.0	1.5	1.25	1.0	3.0	0.3	3.0	1.5	1.25	1.0
50000.	472.6	0.3	>50.0	9.5	1.79	1.0	8.5	0.3	6.0	1.5	1.79	1.0	4.5	0.3	4.0	1.5	1.79	1.0
75000.	721.4	0.3	>50.0	14.5	2.68	1.0	23.8	0.3	11.5	2.5	2.68	1.0	6.0	0.3	5.0	1.5	2.68	1.0
100000.	920.4	0.3	>50.0	18.5	3.58	1.0	52.8	0.3	19.5	3.5	3.58	1.0	8.5	0.3	6.0	1.5	3.58	1.0

234

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	4.3	3.8	8.5	0.5	0.03	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	40.8	2.8	21.5	2.5	0.06	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	265.4	1.8	>50.0	5.5	0.17	6.5	13.3	3.3	11.5	1.5	0.17	6.5	0.0	0.0	0.0	0.0	0.0	0.0
25000.	410.1	1.8	>50.0	8.5	0.28	6.5	40.8	2.8	21.5	2.5	0.28	6.5	4.3	3.8	8.5	0.5	0.28	6.5
35000.	506.6	1.8	>50.0	10.5	0.40	6.5	74.5	2.3	30.0	3.5	0.40	6.5	18.5	2.8	15.0	1.5	0.40	6.5
50000.	603.1	1.8	>50.0	12.5	0.56	6.5	133.3	2.3	40.5	4.5	0.56	6.5	40.8	2.8	21.5	2.5	0.56	6.5
75000.	658.1	1.3	>50.0	13.5	0.85	6.5	265.4	1.8	>50.0	5.5	0.85	6.5	84.0	2.3	32.0	3.5	0.85	6.5
100000.	706.9	1.3	>50.0	14.5	1.13	6.5	361.9	1.8	>50.0	7.5	1.13	6.5	133.3	2.3	40.5	4.5	1.13	6.5

235

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 1500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	203.6	4.8	>50.0	4.5	0.06	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	343.1	4.3	>50.0	7.5	0.09	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	439.4	3.8	>50.0	9.5	0.13	12.0	20.5	7.3	16.0	1.5	0.13	12.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	531.9	3.8	>50.0	11.5	0.19	12.0	63.3	5.8	29.5	2.5	0.19	12.0	0.0	0.0	0.0	0.0	0.0	0.0
75000.	631.1	3.3	>50.0	13.5	0.28	12.0	203.6	4.8	>50.0	4.5	0.28	12.0	25.0	6.8	19.0	1.5	0.28	12.0
100000.	677.9	3.3	>50.0	14.5	0.38	12.0	294.1	4.8	>50.0	6.5	0.38	12.0	63.3	5.8	29.5	2.5	0.38	12.0

236

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 2000.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	52.8	12.3	26.5	2.5	0.03	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	226.9	8.8	>50.0	5.5	0.04	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	359.1	7.8	>50.0	8.5	0.06	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	454.1	6.8	>50.0	10.5	0.08	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75000.	546.9	6.3	>50.0	12.5	0.13	20.5	52.8	12.3	26.5	2.5	0.13	20.5	0.0	0.0	0.0	0.0	0.0	0.0
100000.	597.4	5.8	>50.0	13.5	0.17	20.5	178.9	10.3	>50.0	4.5	0.17	20.5	0.0	0.0	0.0	0.0	0.0	0.0

237

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 2500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	71.9	21.3	>50.0	2.5	0.02	31.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	188.4	15.8	>50.0	5.5	0.03	31.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	312.4	13.3	>50.0	8.5	0.05	31.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75000.	406.9	11.3	>50.0	10.5	0.07	31.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100000.	457.1	10.3	>50.0	11.5	0.09	31.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

238

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 3500.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75000.	89.4	33.8	>50.0	5.5	0.03	50.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100000.	166.9	27.8	>50.0	7.5	0.04	50.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

239

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 5000.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

240

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	0.3	0.3	0.5	0.5	0.03	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
500.	0.3	0.3	0.5	0.5	0.07	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
750.	0.5	0.3	1.0	0.5	0.10	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
1000.	0.5	0.3	1.0	0.5	0.13	0.5	0.3	0.3	0.5	0.5	0.13	0.5	0.0	0.0	0.0	0.0	0.0	0.0
2500.	1.0	0.3	2.0	0.5	0.33	0.5	0.3	0.3	0.5	0.5	0.33	0.5	0.3	0.3	0.5	0.5	0.33	0.5
5000.	1.8	0.3	2.5	1.5	0.66	0.5	0.5	0.3	1.0	0.5	0.66	0.5	0.3	0.3	0.5	0.5	0.66	0.5
15000.	6.5	0.3	5.0	1.5	1.99	0.5	1.0	0.3	2.0	0.5	1.99	0.5	0.8	0.3	1.5	0.5	1.99	0.5
25000.	17.0	0.3	10.0	2.5	3.31	0.5	1.8	0.3	2.5	1.5	3.31	0.5	1.0	0.3	2.0	0.5	3.31	0.5
35000.	29.8	0.3	12.5	3.5	4.64	0.5	3.3	0.3	3.5	1.5	4.64	0.5	1.0	0.3	2.0	0.5	4.64	0.5

241

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	0.0	0.0	0.0	0.0	0.0	0.0
50.	0.3	0.3	0.5	0.5	0.04	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
100.	0.5	0.3	1.0	0.5	0.07	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
250.	1.0	0.3	2.0	0.5	0.19	0.5	0.3	0.3	0.5	0.5	0.19	0.5	0.0	0.0	0.0	0.0	0.0	0.0
500.	1.8	0.3	3.5	0.5	0.37	0.5	0.5	0.3	1.0	0.5	0.37	0.5	0.3	0.3	0.5	0.5	0.37	0.5
750.	2.5	0.3	5.0	0.5	0.56	0.5	0.8	0.3	1.5	0.5	0.56	0.5	0.5	0.3	1.0	0.5	0.56	0.5
1000.	3.0	0.3	6.0	0.5	0.74	0.5	1.0	0.3	2.0	0.5	0.74	0.5	0.5	0.3	1.0	0.5	0.74	0.5
2500.	12.5	0.3	11.0	1.5	1.86	0.5	1.8	0.3	3.5	0.5	1.86	0.5	1.0	0.3	2.0	0.5	1.86	0.5
5000.	30.5	0.3	18.0	2.5	3.71	0.5	3.0	0.3	6.0	0.5	3.71	0.5	1.8	0.3	3.5	0.5	3.71	0.5
15000.	128.0	0.3	39.0	4.5	11.13	0.5	15.3	0.3	12.5	1.5	11.13	0.5	5.0	0.3	8.0	1.5	11.13	0.5
25000.	273.6	0.3	>50.0	5.5	18.55	0.5	30.5	0.3	18.0	2.5	18.55	0.5	12.5	0.3	11.0	1.5	18.55	0.5
35000.	373.1	0.3	>50.0	7.5	25.97	0.5	45.0	0.3	23.0	2.5	25.97	0.5	18.0	0.3	14.0	1.5	25.97	0.5

242

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	0.3	0.3	0.5	0.5	0.03	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
500.	0.3	0.3	0.5	0.5	0.06	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
750.	0.5	0.3	1.0	0.5	0.09	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
1000.	0.5	0.3	1.0	0.5	0.11	0.5	0.3	0.3	0.5	0.5	0.11	0.5	0.0	0.0	0.0	0.0	0.0	0.0
2500.	1.0	0.3	2.0	0.5	0.28	0.5	0.3	0.3	0.5	0.5	0.28	0.5	0.3	0.3	0.5	0.5	0.28	0.5
5000.	1.8	0.3	2.5	1.5	0.57	0.5	0.5	0.3	1.0	0.5	0.57	0.5	0.3	0.3	0.5	0.5	0.57	0.5
15000.	6.5	0.3	5.0	1.5	1.71	0.5	1.0	0.3	2.0	0.5	1.71	0.5	0.8	0.3	1.5	0.5	1.71	0.5
25000.	17.0	0.3	10.0	2.5	2.85	0.5	1.8	0.3	2.5	1.5	2.85	0.5	1.0	0.3	2.0	0.5	2.85	0.5
35000.	29.8	0.3	12.5	3.5	3.98	0.5	3.0	0.3	3.0	1.5	3.98	0.5	1.0	0.3	2.0	0.5	3.98	0.5
50000.	87.0	0.3	25.0	4.5	5.69	0.5	5.0	0.3	4.0	1.5	5.69	0.5	1.8	0.3	2.5	1.5	5.69	0.5

243

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	1.0	0.3	2.0	0.5	0.04	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	1.8	0.3	3.5	0.5	0.08	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	2.3	0.3	4.5	0.5	0.12	1.0	0.5	0.3	1.0	0.5	0.12	1.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	2.8	0.3	5.5	0.5	0.16	1.0	0.8	0.3	1.5	0.5	0.16	1.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	12.5	0.3	11.0	1.5	0.40	1.0	1.8	0.3	3.5	0.5	0.40	1.0	1.0	0.3	2.0	0.5	0.40	1.0
5000.	28.5	0.3	18.0	2.5	0.79	1.0	2.8	0.3	5.5	0.5	0.79	1.0	1.8	0.3	3.5	0.5	0.79	1.0
15000.	125.8	0.3	38.5	4.5	2.38	1.0	14.8	0.3	12.5	1.5	2.38	1.0	3.8	0.3	7.5	0.5	2.38	1.0
25000.	273.6	0.3	>50.0	5.5	3.97	1.0	28.5	0.3	18.0	2.5	3.97	1.0	12.5	0.3	11.0	1.5	3.97	1.0
35000.	373.1	0.3	>50.0	7.5	5.55	1.0	44.8	0.3	22.5	2.5	5.55	1.0	17.0	0.3	14.0	1.5	5.55	1.0
50000.	472.6	0.3	>50.0	9.5	7.93	1.0	73.0	0.3	29.0	3.5	7.93	1.0	28.5	0.3	18.0	2.5	7.93	1.0

244

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.3	0.3	0.5	0.5	0.03	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
750.	0.5	0.3	1.0	0.5	0.05	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
1000.	0.5	0.3	1.0	0.5	0.07	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
2500.	1.0	0.3	2.0	0.5	0.17	0.5	0.3	0.3	0.5	0.5	0.17	0.5	0.0	0.0	0.0	0.0	0.0	0.0
5000.	1.3	0.3	2.5	0.5	0.33	0.5	0.5	0.3	1.0	0.5	0.33	0.5	0.3	0.3	0.5	0.5	0.33	0.5
15000.	6.5	0.3	5.0	1.5	0.99	0.5	1.0	0.3	2.0	0.5	0.99	0.5	0.8	0.3	1.5	0.5	0.99	0.5
25000.	17.0	0.3	10.0	2.5	1.65	0.5	1.3	0.3	2.5	0.5	1.65	0.5	1.0	0.3	2.0	0.5	1.65	0.5
35000.	29.8	0.3	12.5	3.5	2.31	0.5	3.0	0.3	3.0	1.5	2.31	0.5	1.0	0.3	2.0	0.5	2.31	0.5
50000.	87.5	0.3	25.0	4.5	3.31	0.5	4.5	0.3	4.0	1.5	3.31	0.5	1.3	0.3	2.5	0.5	3.31	0.5

245

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	1.0	1.3	2.0	0.5	0.02	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	1.8	1.3	3.5	0.5	0.03	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	8.3	0.8	9.5	1.5	0.08	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	21.8	0.8	16.5	1.5	0.16	2.0	1.8	1.3	3.5	0.5	0.16	2.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	116.0	0.8	37.0	4.5	0.49	2.0	12.0	0.8	11.0	1.5	0.49	2.0	3.0	0.8	6.0	0.5	0.49	2.0
25000.	270.9	0.8	>50.0	5.5	0.81	2.0	21.8	0.8	16.5	1.5	0.81	2.0	8.3	0.8	9.5	1.5	0.81	2.0
35000.	373.1	0.3	>50.0	7.5	1.13	2.0	40.0	0.8	21.0	2.5	1.13	2.0	14.8	0.8	12.5	1.5	1.13	2.0
50000.	472.6	0.3	>50.0	9.5	1.62	2.0	65.8	0.8	27.5	3.5	1.62	2.0	21.8	0.8	16.5	1.5	1.62	2.0

246

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.3	0.3	0.5	0.5	0.02	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
1000.	0.5	0.3	1.0	0.5	0.03	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
2500.	1.0	0.3	2.0	0.5	0.07	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
5000.	1.3	0.3	2.5	0.5	0.13	0.5	0.5	0.3	1.0	0.5	0.13	0.5	0.0	0.0	0.0	0.0	0.0	0.0
15000.	6.5	0.3	5.0	1.5	0.40	0.5	1.0	0.3	2.0	0.5	0.40	0.5	0.5	0.3	1.0	0.5	0.40	0.5
25000.	17.5	0.3	10.0	2.5	0.67	0.5	1.3	0.3	2.5	0.5	0.67	0.5	1.0	0.3	2.0	0.5	0.67	0.5
35000.	29.3	0.3	12.5	3.5	0.94	0.5	3.0	0.3	3.0	1.5	0.94	0.5	1.0	0.3	2.0	0.5	0.94	0.5
50000.	87.5	0.3	25.0	4.5	1.34	0.5	4.5	0.3	4.0	1.5	1.34	0.5	1.3	0.3	2.5	0.5	1.34	0.5
75000.	215.0	0.3	39.0	7.5	2.00	0.5	6.5	0.3	5.0	1.5	2.00	0.5	3.3	0.3	3.5	1.5	2.00	0.5
00000.	472.6	0.3	>50.0	9.5	2.67	0.5	8.5	0.3	6.0	1.5	2.67	0.5	4.5	0.3	4.0	1.5	2.67	0.5

247

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	2.8	2.3	5.5	0.5	0.03	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	16.8	1.8	13.5	1.5	0.06	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	98.5	1.3	35.0	3.5	0.17	4.0	4.0	1.8	8.0	0.5	0.17	4.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	268.1	1.3	>50.0	5.5	0.29	4.0	16.8	1.8	13.5	1.5	0.29	4.0	2.8	2.3	5.5	0.5	0.29	4.0
35000.	316.9	1.3	>50.0	6.5	0.41	4.0	31.0	1.3	19.0	2.5	0.41	4.0	8.3	1.8	9.5	1.5	0.41	4.0
50000.	418.6	0.8	>50.0	8.5	0.58	4.0	52.3	1.3	25.5	2.5	0.58	4.0	16.8	1.8	13.5	1.5	0.58	4.0
75000.	566.4	0.8	>50.0	11.5	0.87	4.0	98.5	1.3	35.0	3.5	0.87	4.0	35.5	1.3	20.0	2.5	0.87	4.0
100000.	615.6	0.8	>50.0	12.5	1.16	4.0	153.3	1.3	43.5	4.5	1.16	4.0	52.3	1.3	25.5	2.5	1.16	4.0

248

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.5	0.8	1.0	0.5	0.04	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	1.3	0.3	2.5	0.5	0.09	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	6.0	0.3	5.0	1.5	0.27	1.0	1.0	0.3	2.0	0.5	0.27	1.0	0.3	0.8	0.5	0.5	0.27	1.0
25000.	17.5	0.3	10.0	2.5	0.45	1.0	1.3	0.3	2.5	0.5	0.45	1.0	0.5	0.8	1.0	0.5	0.45	1.0
35000.	29.3	0.3	12.5	3.5	0.63	1.0	3.0	0.3	3.0	1.5	0.63	1.0	1.0	0.3	2.0	0.5	0.63	1.0
50000.	87.5	0.3	25.0	4.5	0.89	1.0	4.5	0.3	4.0	1.5	0.89	1.0	1.3	0.3	2.5	0.5	0.89	1.0
75000.	215.0	0.3	39.0	7.5	1.34	1.0	6.0	0.3	5.0	1.5	1.34	1.0	3.3	0.3	3.5	1.5	1.34	1.0
100000.	472.6	0.3	>50.0	9.5	1.79	1.0	8.5	0.3	6.0	1.5	1.79	1.0	4.5	0.3	4.0	1.5	1.79	1.0

249

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	4.3	3.8	8.5	0.5	0.03	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	84.0	2.3	32.0	3.5	0.08	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	262.6	2.3	>50.0	5.5	0.14	6.5	4.3	3.8	8.5	0.5	0.14	6.5	0.0	0.0	0.0	0.0	0.0	0.0
35000.	313.6	1.8	>50.0	6.5	0.20	6.5	18.5	2.8	15.0	1.5	0.20	6.5	0.0	0.0	0.0	0.0	0.0	0.0
50000.	410.1	1.8	>50.0	8.5	0.28	6.5	40.8	2.8	21.5	2.5	0.28	6.5	4.3	3.8	8.5	0.5	0.28	6.5
75000.	506.6	1.8	>50.0	10.5	0.42	6.5	84.0	2.3	32.0	3.5	0.42	6.5	20.5	2.8	16.0	1.5	0.42	6.5
100000.	603.1	1.8	>50.0	12.5	0.56	6.5	133.3	2.3	40.5	4.5	0.56	6.5	40.8	2.8	21.5	2.5	0.56	6.5

250

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 1500.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	25.0	6.8	19.0	1.5	0.03	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	110.3	5.3	38.5	3.5	0.05	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	248.9	4.8	>50.0	5.5	0.07	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	343.1	4.3	>50.0	7.5	0.09	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75000.	439.4	3.8	>50.0	9.5	0.14	12.0	25.0	6.8	19.0	1.5	0.14	12.0	0.0	0.0	0.0	0.0	0.0	0.0
100000.	531.9	3.8	>50.0	11.5	0.19	12.0	63.3	5.8	29.5	2.5	0.19	12.0	0.0	0.0	0.0	0.0	0.0	0.0

251

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 2000.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	11.5	15.8	12.0	1.5	0.02	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	98.3	10.8	36.5	3.5	0.03	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	226.9	8.8	>50.0	5.5	0.04	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75000.	359.1	7.8	>50.0	8.5	0.06	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100000.	454.1	6.8	>50.0	10.5	0.08	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

252

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 2500.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	71.9	21.3	>50.0	2.5	0.02	31.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75000.	225.9	15.3	>50.0	6.5	0.03	31.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100000.	312.4	13.3	>50.0	8.5	0.05	31.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

253

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 3500.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

254

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 5000.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

255

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	0.3	0.3	0.5	0.5	0.02	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
500.	0.3	0.3	0.5	0.5	0.04	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
750.	0.3	0.3	0.5	0.5	0.07	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
1000.	0.5	0.3	1.0	0.5	0.09	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
2500.	0.8	0.3	1.5	0.5	0.22	0.5	0.3	0.3	0.5	0.5	0.22	0.5	0.0	0.0	0.0	0.0	0.0	0.0
5000.	1.0	0.3	2.0	0.5	0.44	0.5	0.5	0.3	1.0	0.5	0.44	0.5	0.3	0.3	0.5	0.5	0.22	0.5
15000.	5.0	0.3	4.0	1.5	1.33	0.5	0.8	0.3	1.5	0.5	1.33	0.5	0.3	0.3	0.5	0.5	0.44	0.5
25000.	7.3	0.3	5.5	1.5	2.21	0.5	1.0	0.3	2.0	0.5	2.21	0.5	0.5	0.3	1.0	0.5	1.33	0.5
35000.	11.3	0.3	6.5	2.5	3.09	0.5	1.3	0.3	2.5	0.5	3.09	0.5	0.8	0.3	1.5	0.5	2.21	0.5
													1.0	0.3	2.0	0.5	3.09	0.5

256

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
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	0.0	0.0	0.0	0.0	0.0	0.0
50.	0.3	0.3	0.5	0.5	0.02	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
100.	0.3	0.3	0.5	0.5	0.05	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
250.	0.8	0.3	1.5	0.5	0.12	0.5	0.3	0.3	0.5	0.5	0.12	0.5	0.0	0.0	0.0	0.0	0.0	0.0
500.	1.3	0.3	2.5	0.5	0.25	0.5	0.3	0.3	0.5	0.5	0.25	0.5	0.3	0.3	0.5	0.5	0.25	0.5
750.	1.8	0.3	3.5	0.5	0.37	0.5	0.5	0.3	1.0	0.5	0.37	0.5	0.3	0.3	0.5	0.5	0.37	0.5
1000.	2.3	0.3	4.5	0.5	0.49	0.5	0.8	0.3	1.5	0.5	0.49	0.5	0.3	0.3	0.5	0.5	0.49	0.5
2500.	6.8	0.3	8.5	1.5	1.24	0.5	1.3	0.3	2.5	0.5	1.24	0.5	0.8	0.3	1.5	0.5	1.24	0.5
5000.	16.8	0.3	13.5	1.5	2.47	0.5	2.3	0.3	4.5	0.5	2.47	0.5	1.3	0.3	2.5	0.5	2.47	0.5
15000.	75.8	0.3	29.5	3.5	7.42	0.5	9.3	0.3	9.5	1.5	7.42	0.5	3.0	0.3	6.0	0.5	7.42	0.5
25000.	144.5	0.3	42.0	4.5	12.37	0.5	16.8	0.3	13.5	1.5	12.37	0.5	6.8	0.3	8.5	1.5	12.37	0.5
35000.	273.6	0.3	>50.0	5.5	17.31	0.5	26.3	0.3	17.5	2.5	17.31	0.5	11.8	0.3	10.5	1.5	17.31	0.5

257

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
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	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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.3	0.3	0.5	0.5	0.04	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
750.	0.3	0.3	0.5	0.5	0.06	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
1000.	0.5	0.3	1.0	0.5	0.08	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
2500.	0.8	0.3	1.5	0.5	0.19	0.5	0.3	0.3	0.5	0.5	0.19	0.5	0.0	0.0	0.0	0.0	0.0	0.0
5000.	1.0	0.3	2.0	0.5	0.38	0.5	0.5	0.3	1.0	0.5	0.38	0.5	0.3	0.3	0.5	0.5	0.38	0.5
15000.	5.0	0.3	4.0	1.5	1.14	0.5	0.8	0.3	1.5	0.5	1.14	0.5	0.5	0.3	1.0	0.5	1.14	0.5
25000.	7.3	0.3	5.5	1.5	1.90	0.5	1.0	0.3	2.0	0.5	1.90	0.5	0.8	0.3	1.5	0.5	1.90	0.5
35000.	11.3	0.3	6.5	2.5	2.66	0.5	1.3	0.3	2.5	0.5	2.66	0.5	1.0	0.3	2.0	0.5	2.66	0.5
50000.	28.3	0.3	12.5	3.5	3.79	0.5	3.0	0.3	3.0	1.5	3.79	0.5	1.0	0.3	2.0	0.5	3.79	0.5

258

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	0.5	0.3	1.0	0.5	0.03	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	1.3	0.3	2.5	0.5	0.05	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	1.8	0.3	3.5	0.5	0.08	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	2.0	0.3	4.0	0.5	0.11	1.0	0.5	0.3	1.0	0.5	0.11	1.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	5.5	0.3	8.0	1.5	0.26	1.0	1.3	0.3	2.5	0.5	0.26	1.0	0.5	0.3	1.0	0.5	0.26	1.0
5000.	16.3	0.3	13.5	1.5	0.53	1.0	2.0	0.3	4.0	0.5	0.53	1.0	1.3	0.3	2.5	0.5	0.53	1.0
15000.	73.0	0.3	29.0	3.5	1.59	1.0	9.3	0.3	9.5	1.5	1.59	1.0	2.8	0.3	5.5	0.5	1.59	1.0
25000.	143.3	0.3	41.5	4.5	2.64	1.0	16.3	0.3	13.5	1.5	2.64	1.0	5.5	0.3	8.0	1.5	2.64	1.0
35000.	273.6	0.3	>50.0	5.5	3.70	1.0	22.5	0.3	17.0	1.5	3.70	1.0	10.8	0.3	10.5	1.5	3.70	1.0
50000.	373.1	0.3	>50.0	7.5	5.29	1.0	42.0	0.3	22.0	2.5	5.29	1.0	16.3	0.3	13.5	1.5	5.29	1.0

259

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.3	0.3	0.5	0.5	0.02	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
750.	0.3	0.3	0.5	0.5	0.03	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
1000.	0.3	0.3	0.5	0.5	0.04	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
2500.	0.8	0.3	1.5	0.5	0.11	0.5	0.3	0.3	0.5	0.5	0.11	0.5	0.0	0.0	0.0	0.0	0.0	0.0
5000.	1.0	0.3	2.0	0.5	0.22	0.5	0.3	0.3	0.5	0.5	0.22	0.5	0.3	0.3	0.5	0.5	0.22	0.5
15000.	4.5	0.3	4.0	1.5	0.66	0.5	0.8	0.3	1.5	0.5	0.66	0.5	0.5	0.3	1.0	0.5	0.66	0.5
25000.	7.3	0.3	5.5	1.5	1.10	0.5	1.0	0.3	2.0	0.5	1.10	0.5	0.8	0.3	1.5	0.5	1.10	0.5
35000.	14.3	0.3	9.5	2.5	1.54	0.5	1.3	0.3	2.5	0.5	1.54	0.5	0.8	0.3	1.5	0.5	1.54	0.5
50000.	28.3	0.3	12.5	3.5	2.20	0.5	3.0	0.3	3.0	1.5	2.20	0.5	1.0	0.3	2.0	0.5	2.20	0.5

260

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.5	1.8	1.0	0.5	0.02	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	3.3	0.8	6.5	0.5	0.05	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	14.0	0.8	12.0	1.5	0.11	2.0	0.5	1.8	1.0	0.5	0.11	2.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	65.8	0.8	27.5	3.5	0.32	2.0	3.8	0.8	7.5	0.5	0.32	2.0	1.8	1.3	3.5	0.5	0.32	2.0
25000.	134.5	0.8	40.0	4.5	0.54	2.0	14.0	0.8	12.0	1.5	0.54	2.0	3.3	0.8	6.5	0.5	0.54	2.0
35000.	270.9	0.8	>50.0	5.5	0.75	2.0	20.3	0.8	15.5	1.5	0.75	2.0	7.5	0.8	9.0	1.5	0.75	2.0
50000.	323.4	0.3	>50.0	6.5	1.08	2.0	37.8	0.8	20.5	2.5	1.08	2.0	14.0	0.8	12.0	1.5	1.08	2.0

261

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.8	0.3	1.5	0.5	0.04	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
5000.	1.0	0.3	2.0	0.5	0.09	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
15000.	4.5	0.3	4.0	1.5	0.27	0.5	0.8	0.3	1.5	0.5	0.27	0.5	0.0	0.0	0.0	0.0	0.0	0.0
25000.	7.3	0.3	5.5	1.5	0.45	0.5	1.0	0.3	2.0	0.5	0.45	0.5	0.5	0.3	1.0	0.5	0.27	0.5
35000.	14.8	0.3	9.5	2.5	0.62	0.5	1.3	0.3	2.5	0.5	0.62	0.5	0.8	0.3	1.5	0.5	0.45	0.5
50000.	27.8	0.3	12.5	3.5	0.89	0.5	3.0	0.3	3.0	1.5	0.89	0.5	0.8	0.3	1.5	0.5	0.62	0.5
75000.	87.5	0.3	25.0	4.5	1.34	0.5	4.5	0.3	4.0	1.5	1.34	0.5	1.0	0.3	2.0	0.5	0.89	0.5
100000.	166.8	0.3	34.5	6.5	1.78	0.5	5.5	0.3	5.0	1.5	1.78	0.5	1.3	0.3	2.5	0.5	1.34	0.5
													3.0	0.3	3.0	1.5	1.78	0.5

262

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	6.5	1.8	9.0	1.5	0.04	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	52.3	1.3	25.5	2.5	0.12	4.0	1.5	2.8	3.0	0.5	0.12	4.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	120.0	1.3	38.0	4.5	0.19	4.0	6.5	1.8	9.0	1.5	0.19	4.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	268.1	1.3	>50.0	5.5	0.27	4.0	15.3	1.8	12.5	1.5	0.27	4.0	2.5	2.3	5.0	0.5	0.27	4.0
50000.	316.9	1.3	>50.0	6.5	0.39	4.0	26.5	1.3	18.0	2.5	0.39	4.0	6.5	1.8	9.0	1.5	0.39	4.0
75000.	418.6	0.8	>50.0	8.5	0.58	4.0	52.3	1.3	25.5	2.5	0.58	4.0	16.8	1.8	13.5	1.5	0.58	4.0
100000.	517.1	0.8	>50.0	10.5	0.77	4.0	86.5	1.3	32.0	3.5	0.77	4.0	26.5	1.3	18.0	2.5	0.77	4.0

263

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... UNSTABLE-B

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.3	0.8	0.5	0.5	0.03	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	1.0	0.3	2.0	0.5	0.06	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	4.5	0.3	4.0	1.5	0.18	1.0	0.5	0.8	1.0	0.5	0.18	1.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	6.8	0.3	5.5	1.5	0.30	1.0	1.0	0.3	2.0	0.5	0.30	1.0	0.3	0.8	0.5	0.5	0.30	1.0
35000.	14.8	0.3	9.5	2.5	0.42	1.0	1.3	0.3	2.5	0.5	0.42	1.0	0.5	0.8	1.0	0.5	0.42	1.0
50000.	27.8	0.3	12.5	3.5	0.60	1.0	3.0	0.3	3.0	1.5	0.60	1.0	1.0	0.3	2.0	0.5	0.60	1.0
75000.	87.5	0.3	25.0	4.5	0.89	1.0	4.5	0.3	4.0	1.5	0.89	1.0	1.3	0.3	2.5	0.5	0.89	1.0
100000.	167.3	0.3	34.5	6.5	1.19	1.0	5.5	0.3	5.0	1.5	1.19	1.0	3.0	0.3	3.0	1.5	1.19	1.0

264

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	40.8	2.8	21.5	2.5	0.06	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	97.5	2.3	35.0	3.5	0.09	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	165.5	2.3	46.0	4.5	0.13	6.5	3.8	3.8	7.5	0.5	0.13	6.5	0.0	0.0	0.0	0.0	0.0	0.0
50000.	313.6	1.8	>50.0	6.5	0.19	6.5	16.8	3.3	13.5	1.5	0.19	6.5	0.0	0.0	0.0	0.0	0.0	0.0
75000.	410.1	1.8	>50.0	8.5	0.28	6.5	40.8	2.8	21.5	2.5	0.28	6.5	4.3	3.8	8.5	0.5	0.28	6.5
100000.	506.6	1.8	>50.0	10.5	0.38	6.5	67.3	2.3	28.5	3.5	0.38	6.5	16.8	3.3	13.5	1.5	0.38	6.5

265

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 1500.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	42.3	6.3	22.5	2.5	0.03	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	97.3	5.3	35.5	3.5	0.04	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	248.9	4.8	>50.0	5.5	0.06	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75000.	343.1	4.3	>50.0	7.5	0.09	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100000.	439.4	3.8	>50.0	9.5	0.13	12.0	17.8	7.3	14.5	1.5	0.13	12.0	0.0	0.0	0.0	0.0	0.0	0.0

266

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 2000.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	82.0	11.3	33.0	3.5	0.03	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75000.	226.9	8.8	>50.0	5.5	0.04	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100000.	316.9	7.8	>50.0	7.5	0.06	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

267

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 2500.0 FT
STABILITY CLASS..... NEUTRAL-D

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75000.	71.9	21.3	>50.0	2.5	0.02	31.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00000.	185.6	16.3	>50.0	5.5	0.03	31.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

268

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 3500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

269

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 5000.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

270

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
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	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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.3	0.3	0.5	0.5	0.03	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
750.	0.3	0.3	0.5	0.5	0.04	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
1000.	0.3	0.3	0.5	0.5	0.05	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
2500.	0.5	0.3	1.0	0.5	0.13	0.5	0.3	0.3	0.5	0.5	0.13	0.5	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.8	0.3	1.5	0.5	0.27	0.5	0.3	0.3	0.5	0.5	0.27	0.5	0.3	0.3	0.5	0.5	0.27	0.5
15000.	2.5	0.3	3.0	1.5	0.80	0.5	0.5	0.3	1.0	0.5	0.80	0.5	0.5	0.3	1.0	0.5	0.80	0.5
25000.	5.0	0.3	4.0	1.5	1.33	0.5	0.8	0.3	1.5	0.5	1.33	0.5	0.5	0.3	1.0	0.5	1.33	0.5
35000.	6.5	0.3	5.0	1.5	1.86	0.5	1.0	0.3	2.0	0.5	1.86	0.5	0.8	0.3	1.5	0.5	1.86	0.5

271

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.	0.3	0.3	0.5	0.5	0.03	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
250.	0.5	0.3	1.0	0.5	0.07	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
500.	1.0	0.3	2.0	0.5	0.15	0.5	0.3	0.3	0.5	0.5	0.15	0.5	0.0	0.0	0.0	0.0	0.0	0.0
750.	1.3	0.3	2.5	0.5	0.22	0.5	0.3	0.3	0.5	0.5	0.22	0.5	0.3	0.3	0.5	0.5	0.22	0.5
1000.	1.5	0.3	3.0	0.5	0.30	0.5	0.5	0.3	1.0	0.5	0.30	0.5	0.3	0.3	0.5	0.5	0.30	0.5
2500.	3.0	0.3	6.0	0.5	0.74	0.5	1.0	0.3	2.0	0.5	0.74	0.5	0.5	0.3	1.0	0.5	0.74	0.5
5000.	9.3	0.3	9.5	1.5	1.48	0.5	1.5	0.3	3.0	0.5	1.48	0.5	1.0	0.3	2.0	0.5	1.48	0.5
15000.	38.8	0.3	20.5	2.5	4.45	0.5	3.3	0.3	6.5	0.5	4.45	0.5	2.0	0.3	4.0	0.5	4.45	0.5
25000.	75.8	0.3	29.5	3.5	7.42	0.5	9.3	0.3	9.5	1.5	7.42	0.5	3.0	0.3	6.0	0.5	7.42	0.5
35000.	116.0	0.3	37.0	4.5	10.39	0.5	14.5	0.3	12.0	1.5	10.39	0.5	3.8	0.3	7.5	0.5	10.39	0.5

272

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
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	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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.3	0.3	0.5	0.5	0.02	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
750.	0.3	0.3	0.5	0.5	0.03	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
1000.	0.3	0.3	0.5	0.5	0.05	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
2500.	0.5	0.3	1.0	0.5	0.11	0.5	0.3	0.3	0.5	0.5	0.11	0.5	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.8	0.3	1.5	0.5	0.23	0.5	0.3	0.3	0.5	0.5	0.23	0.5	0.3	0.3	0.5	0.5	0.23	0.5
15000.	2.5	0.3	3.0	1.5	0.68	0.5	0.5	0.3	1.0	0.5	0.68	0.5	0.5	0.3	1.0	0.5	0.68	0.5
25000.	5.0	0.3	4.0	1.5	1.14	0.5	0.8	0.3	1.5	0.5	1.14	0.5	0.5	0.3	1.0	0.5	1.14	0.5
35000.	6.5	0.3	5.0	1.5	1.59	0.5	1.0	0.3	2.0	0.5	1.59	0.5	0.8	0.3	1.5	0.5	1.59	0.5
50000.	8.0	0.3	6.0	1.5	2.28	0.5	1.3	0.3	2.5	0.5	2.28	0.5	0.8	0.3	1.5	0.5	2.28	0.5

273

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
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	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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.8	0.3	1.5	0.5	0.03	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	1.0	0.3	2.0	0.5	0.05	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	1.5	0.3	3.0	0.5	0.06	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	2.8	0.3	5.5	0.5	0.16	1.0	0.8	0.3	1.5	0.5	0.16	1.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	9.3	0.3	9.5	1.5	0.32	1.0	1.5	0.3	3.0	0.5	0.32	1.0	0.8	0.3	1.5	0.5	0.32	1.0
15000.	37.8	0.3	20.5	2.5	0.95	1.0	3.3	0.3	6.5	0.5	0.95	1.0	2.0	0.3	4.0	0.5	0.95	1.0
25000.	73.0	0.3	29.0	3.5	1.59	1.0	9.3	0.3	9.5	1.5	1.59	1.0	2.8	0.3	5.5	0.5	1.59	1.0
35000.	114.0	0.3	37.0	4.5	2.22	1.0	14.0	0.3	12.0	1.5	2.22	1.0	3.5	0.3	7.0	0.5	2.22	1.0
50000.	182.5	0.3	47.0	5.5	3.17	1.0	19.3	0.3	15.5	1.5	3.17	1.0	9.3	0.3	9.5	1.5	3.17	1.0

274

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.3	0.3	0.5	0.5	0.03	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
2500.	0.5	0.3	1.0	0.5	0.07	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
5000.	0.8	0.3	1.5	0.5	0.13	0.5	0.3	0.3	0.5	0.5	0.13	0.5	0.0	0.0	0.0	0.0	0.0	0.0
15000.	2.5	0.3	3.0	1.5	0.40	0.5	0.5	0.3	1.0	0.5	0.40	0.5	0.3	0.3	0.5	0.5	0.40	0.5
25000.	4.5	0.3	4.0	1.5	0.66	0.5	0.8	0.3	1.5	0.5	0.66	0.5	0.5	0.3	1.0	0.5	0.66	0.5
35000.	6.5	0.3	5.0	1.5	0.93	0.5	1.0	0.3	2.0	0.5	0.93	0.5	0.8	0.3	1.5	0.5	0.93	0.5
50000.	8.0	0.3	6.0	1.5	1.32	0.5	1.3	0.3	2.5	0.5	1.32	0.5	0.8	0.3	1.5	0.5	1.32	0.5

275

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	1.8	1.3	3.5	0.5	0.03	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	3.8	0.8	7.5	0.5	0.06	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	32.0	0.8	19.0	2.5	0.19	2.0	2.3	0.8	4.5	0.5	0.19	2.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	65.8	0.8	27.5	3.5	0.32	2.0	3.8	0.8	7.5	0.5	0.32	2.0	1.8	1.3	3.5	0.5	0.32	2.0
35000.	101.3	0.8	35.5	3.5	0.45	2.0	10.8	0.8	10.5	1.5	0.45	2.0	2.8	0.8	5.5	0.5	0.45	2.0
50000.	165.8	0.8	45.5	4.5	0.65	2.0	17.0	0.8	14.0	1.5	0.65	2.0	3.8	0.8	7.5	0.5	0.65	2.0

276

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.5	0.3	1.0	0.5	0.03	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
5000.	0.8	0.3	1.5	0.5	0.05	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
15000.	2.5	0.3	3.0	1.5	0.16	0.5	0.5	0.3	1.0	0.5	0.16	0.5	0.0	0.0	0.0	0.0	0.0	0.0
25000.	4.5	0.3	4.0	1.5	0.27	0.5	0.8	0.3	1.5	0.5	0.27	0.5	0.5	0.3	1.0	0.5	0.27	0.5
35000.	6.5	0.3	5.0	1.5	0.37	0.5	1.0	0.3	2.0	0.5	0.37	0.5	0.5	0.3	1.0	0.5	0.37	0.5
50000.	8.5	0.3	6.0	1.5	0.53	0.5	1.3	0.3	2.5	0.5	0.53	0.5	0.8	0.3	1.5	0.5	0.53	0.5
75000.	23.8	0.3	11.5	2.5	0.80	0.5	2.5	0.3	3.0	1.5	0.80	0.5	1.0	0.3	2.0	0.5	0.80	0.5
100000.	52.8	0.3	19.5	3.5	1.07	0.5	3.8	0.3	3.5	1.5	1.07	0.5	1.3	0.3	2.5	0.5	1.07	0.5

277

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	1.5	2.8	3.0	0.5	0.02	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	21.0	1.8	16.0	1.5	0.07	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	52.3	1.3	25.5	2.5	0.12	4.0	1.5	2.8	3.0	0.5	0.12	4.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	91.8	1.3	33.5	3.5	0.16	4.0	3.3	2.3	6.5	0.5	0.16	4.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	153.3	1.3	43.5	4.5	0.23	4.0	11.5	1.8	11.0	1.5	0.23	4.0	1.5	2.8	3.0	0.5	0.23	4.0
75000.	316.9	1.3	>50.0	6.5	0.35	4.0	21.0	1.8	16.0	1.5	0.35	4.0	4.0	1.8	8.0	0.5	0.35	4.0
100000.	365.6	1.3	>50.0	7.5	0.46	4.0	39.3	1.3	21.5	2.5	0.46	4.0	11.5	1.8	11.0	1.5	0.46	4.0

278

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... UNSTABLE-B

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.5	C.8	1.0	0.5	0.04	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	2.0	0.3	3.0	1.5	0.11	1.0	0.3	0.8	0.5	0.5	0.11	1.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	4.5	C.3	4.0	1.5	0.18	1.0	0.5	0.8	1.0	0.5	0.18	1.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	6.0	0.3	5.0	1.5	0.25	1.0	1.0	0.3	2.0	0.5	0.25	1.0	0.3	0.8	0.5	0.5	0.25	1.0
50000.	8.5	C.3	6.0	1.5	0.36	1.0	1.3	0.3	2.5	0.5	0.36	1.0	0.5	0.8	1.0	0.5	0.36	1.0
75000.	23.8	C.3	11.5	2.5	C.54	1.0	2.0	0.3	3.0	1.5	0.54	1.0	1.0	0.3	2.0	0.5	0.54	1.0
100000.	52.8	0.3	19.5	3.5	0.72	1.0	3.8	0.3	3.5	1.5	0.72	1.0	1.3	0.3	2.5	0.5	0.72	1.0

279

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	C.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	13.3	3.3	11.5	1.5	0.03	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	40.8	2.8	21.5	2.5	0.06	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	74.5	2.3	30.0	3.5	0.08	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	133.3	2.3	40.5	4.5	0.11	6.5	2.3	4.3	4.5	0.5	0.11	6.5	0.0	0.0	0.0	0.0	0.0	0.0
75000.	265.4	1.8	>50.0	5.5	0.17	6.5	13.3	3.3	11.5	1.5	0.17	6.5	0.0	0.0	0.0	0.0	0.0	0.0
100000.	361.9	1.8	>50.0	7.5	0.23	6.5	22.5	2.8	17.0	1.5	0.23	6.5	2.3	4.3	4.5	0.5	0.23	6.5

280

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 1500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	20.5	7.3	16.0	1.5	0.03	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	63.3	5.8	29.5	2.5	0.04	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75000.	203.6	4.8	>50.0	4.5	0.06	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100000.	294.1	4.8	>50.0	6.5	0.08	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

281

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 2000.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75000.	52.8	12.3	26.5	2.5	0.03	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100000.	178.9	10.3	>50.0	4.5	0.03	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

282

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 2500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

283

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 3500.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

284

MIXING HEIGHT..... 5000.0 FT
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 5000.0 FT
STABILITY CLASS..... NEUTRAL-D

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

285

MIXING HEIGHT..... INFINITE
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... STABLE-E

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
20.	1.0	0.3	2.0	0.5	0.10	0.5	0.3	0.3	0.5	0.5	0.10	0.5	0.0	0.0	0.0	0.0	0.0	0.0
50.	2.0	0.3	4.0	0.5	0.26	0.5	0.5	0.3	1.0	0.5	0.26	0.5	0.3	0.3	0.5	0.5	0.26	0.5
100.	3.5	0.3	7.0	0.5	0.52	0.5	1.0	0.3	2.0	0.5	0.52	0.5	0.5	0.3	1.0	0.5	0.52	0.5
250.	12.0	0.3	14.0	1.5	1.29	0.5	2.0	0.3	4.0	0.5	1.29	0.5	1.3	0.3	2.5	0.5	1.29	0.5
500.	32.0	0.3	25.0	1.5	2.58	0.5	3.5	0.3	7.0	0.5	2.58	0.5	2.0	0.3	4.0	0.5	2.58	0.5
750.	64.0	0.3	35.0	2.5	3.86	0.5	4.5	0.3	9.0	0.5	3.86	0.5	2.8	0.3	5.5	0.5	3.86	0.5
1000.	92.0	0.3	44.0	2.5	5.15	0.5	5.5	0.3	11.0	0.5	5.15	0.5	3.5	0.3	7.0	0.5	5.15	0.5
2500.	273.6	0.3	>50.0	5.5	12.88	0.5	32.0	0.3	25.0	1.5	12.88	0.5	12.0	0.3	14.0	1.5	12.88	0.5
5000.	373.1	0.3	>50.0	7.5	25.76	0.5	92.0	0.3	44.0	2.5	25.76	0.5	32.0	0.3	25.0	1.5	25.76	0.5
15000.	522.4	0.3	>50.0	10.5	77.27	0.5	323.4	0.3	>50.0	6.5	77.27	0.5	174.1	0.3	>50.0	3.5	77.27	0.5
25000.	572.1	0.3	>50.0	11.5	128.78	0.5	373.1	0.3	>50.0	7.5	128.78	0.5	273.6	0.3	>50.0	5.5	128.78	0.5
35000.	621.9	0.3	>50.0	12.5	180.29	0.5	422.9	0.3	>50.0	8.5	180.29	0.5	323.4	0.3	>50.0	6.5	180.29	0.5

286

MIXING HEIGHT..... INFINITE
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... STABLE-E

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	0.0	0.0	0.0	0.0	0.0	0.0
50.	1.3	0.8	2.5	0.5	0.03	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.	2.8	0.8	5.5	0.5	0.06	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	6.3	0.3	12.5	0.5	0.16	1.5	1.3	0.8	2.5	0.5	0.16	1.5	0.0	0.0	0.0	0.0	0.0	0.0
500.	29.3	0.3	23.5	1.5	0.31	1.5	2.8	0.8	5.5	0.5	0.31	1.5	1.3	0.8	2.5	0.5	0.31	1.5
750.	58.3	0.3	33.5	2.5	0.47	1.5	4.3	0.3	8.5	0.5	0.47	1.5	2.0	0.8	4.0	0.5	0.47	1.5
1000.	87.8	0.3	42.5	2.5	0.63	1.5	5.3	0.3	10.5	0.5	0.63	1.5	2.8	0.8	5.5	0.5	0.63	1.5
2500.	273.6	0.3	>50.0	5.5	1.57	1.5	29.3	0.3	23.5	1.5	1.57	1.5	6.3	0.3	12.5	0.5	1.57	1.5
5000.	373.1	0.3	>50.0	7.5	3.14	1.5	87.8	0.3	42.5	2.5	3.14	1.5	29.3	0.3	23.5	1.5	3.14	1.5
15000.	522.4	0.3	>50.0	10.5	9.42	1.5	323.4	0.3	>50.0	6.5	9.42	1.5	174.1	0.3	>50.0	3.5	9.42	1.5
25000.	572.1	0.3	>50.0	11.5	15.70	1.5	373.1	0.3	>50.0	7.5	15.70	1.5	273.6	0.3	>50.0	5.5	15.70	1.5
35000.	621.9	0.3	>50.0	12.5	21.98	1.5	422.9	0.3	>50.0	8.5	21.98	1.5	323.4	0.3	>50.0	6.5	21.98	1.5
50000.	621.9	0.3	>50.0	12.5	31.40	1.5	472.6	0.3	>50.0	9.5	31.40	1.5	373.1	0.3	>50.0	7.5	31.40	1.5

287

MIXING HEIGHT..... INFINITE
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... STABLE-E

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	3.0	2.8	6.0	0.5	0.03	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	14.8	1.8	16.5	1.5	0.05	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	33.5	1.8	26.0	1.5	0.08	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	61.5	1.3	35.0	2.5	0.10	4.5	1.0	3.8	2.0	0.5	0.10	4.5	0.0	0.0	0.0	0.0	0.0	0.0
2500.	219.4	1.3	>50.0	4.5	0.26	4.5	14.8	1.8	16.5	1.5	0.26	4.5	3.0	2.8	6.0	0.5	0.26	4.5
5000.	365.6	1.3	>50.0	7.5	0.52	4.5	61.5	1.3	35.0	2.5	0.52	4.5	14.8	1.8	16.5	1.5	0.52	4.5
15000.	517.1	0.8	>50.0	10.5	1.56	4.5	268.1	1.3	>50.0	5.5	1.56	4.5	170.6	1.3	>50.0	3.5	1.56	4.5
25000.	566.4	0.8	>50.0	11.5	2.61	4.5	365.6	1.3	>50.0	7.5	2.61	4.5	219.4	1.3	>50.0	4.5	2.61	4.5
35000.	566.4	0.8	>50.0	11.5	3.65	4.5	418.6	0.8	>50.0	8.5	3.65	4.5	316.9	1.3	>50.0	6.5	3.65	4.5
50000.	615.6	0.8	>50.0	12.5	5.21	4.5	467.9	0.8	>50.0	9.5	5.21	4.5	365.6	1.3	>50.0	7.5	5.21	4.5

288

MIXING HEIGHT..... INFINITE
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... STABLE-E

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	4.0	5.3	8.0	0.5	0.03	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	19.0	4.8	19.0	1.5	0.03	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	163.6	3.3	>50.0	3.5	0.08	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	307.1	2.8	>50.0	6.5	0.17	7.5	19.0	4.8	19.0	1.5	0.17	7.5	0.0	0.0	0.0	0.0	0.0	0.0
15000.	453.6	2.3	>50.0	9.5	0.51	7.5	210.4	3.3	>50.0	4.5	0.51	7.5	61.8	3.8	36.5	2.5	0.51	7.5
25000.	506.6	1.8	>50.0	10.5	0.85	7.5	307.1	2.8	>50.0	6.5	0.85	7.5	163.6	3.3	>50.0	3.5	0.85	7.5
35000.	554.9	1.8	>50.0	11.5	1.19	7.5	358.1	2.3	>50.0	7.5	1.19	7.5	259.9	2.8	>50.0	5.5	1.19	7.5
50000.	603.1	1.8	>50.0	12.5	1.69	7.5	405.9	2.3	>50.0	8.5	1.69	7.5	307.1	2.8	>50.0	6.5	1.69	7.5
75000.	603.1	1.8	>50.0	12.5	2.54	7.5	453.6	2.3	>50.0	9.5	2.54	7.5	358.1	2.3	>50.0	7.5	2.54	7.5
00000.	651.4	1.8	>50.0	13.5	3.39	7.5	501.4	2.3	>50.0	10.5	3.39	7.5	405.9	2.3	>50.0	8.5	3.39	7.5

289

MIXING HEIGHT..... INFINITE
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... STABLE-E

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	61.0	6.8	41.0	2.5	0.03	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	246.1	5.3	>50.0	5.5	0.06	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	388.9	4.3	>50.0	8.5	0.18	16.0	109.4	6.3	>50.0	2.5	0.18	16.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	439.4	3.8	>50.0	9.5	0.30	16.0	246.1	5.3	>50.0	5.5	0.30	16.0	61.0	6.8	41.0	2.5	0.30	16.0
35000.	485.6	3.8	>50.0	10.5	0.42	16.0	294.1	4.8	>50.0	6.5	0.42	16.0	154.9	5.8	>50.0	3.5	0.42	16.0
50000.	537.6	3.3	>50.0	11.5	0.60	16.0	339.4	4.8	>50.0	7.5	0.60	16.0	246.1	5.3	>50.0	5.5	0.60	16.0
75000.	584.4	3.3	>50.0	12.5	0.90	16.0	388.9	4.3	>50.0	8.5	0.90	16.0	294.1	4.8	>50.0	6.5	0.90	16.0
100000.	584.4	3.3	>50.0	12.5	1.20	16.0	439.4	3.8	>50.0	9.5	1.20	16.0	339.4	4.8	>50.0	7.5	1.20	16.0

290

MIXING HEIGHT..... INFINITE
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 1500.0 FT
STABILITY CLASS..... STABLE-E

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	180.1	17.3	>50.0	5.5	0.04	49.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	283.1	12.3	>50.0	7.5	0.07	49.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	333.6	10.8	>50.0	8.5	0.10	49.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	382.4	9.8	>50.0	9.5	0.14	49.5	93.6	23.3	>50.0	3.5	0.14	49.5	0.0	0.0	0.0	0.0	0.0	0.0
75000.	438.4	8.3	>50.0	10.5	0.21	49.5	180.1	17.3	>50.0	5.5	0.21	49.5	0.3	37.3	0.5	0.5	0.20	37.5
100000.	443.6	7.8	>50.0	10.5	0.28	49.5	235.6	13.8	>50.0	6.5	0.28	49.5	93.6	23.3	>50.0	3.5	0.28	49.5

291

MIXING HEIGHT..... INFINITE
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 2000.0 FT
STABILITY CLASS..... STABLE-E

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	18.1	42.8	>50.0	2.5	0.02	50.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	70.9	34.3	>50.0	4.5	0.03	50.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75000.	147.9	27.3	>50.0	6.5	0.05	50.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100000.	193.1	24.3	>50.0	7.5	0.07	50.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

292

MIXING HEIGHT..... INFINITE
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 2500.0 FT
STABILITY CLASS..... STABLE-E

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

293

MIXING HEIGHT..... INFINITE
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 3500.0 FT
STABILITY CLASS..... STABLE-E

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

294

MIXING HEIGHT..... INFINITE
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT..... 5000.0 FT
STABILITY CLASS..... STABLE-E

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

295

MIXING HEIGHT..... INFINITE
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... STABLE-E

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
20.	0.5	0.3	1.0	0.5	0.04	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
50.	1.0	0.3	2.0	0.5	0.10	0.5	0.3	0.3	0.5	0.5	0.10	0.5	0.0	0.0	0.0	0.0	0.0	0.0
100.	1.8	0.3	3.5	0.5	0.21	0.5	0.5	0.3	1.0	0.5	0.21	0.5	0.3	0.3	0.5	0.5	0.21	0.5
250.	3.5	0.3	7.0	0.5	0.52	0.5	1.0	0.3	2.0	0.5	0.52	0.5	0.5	0.3	1.0	0.5	0.52	0.5
500.	6.0	0.3	12.0	0.5	1.03	0.5	1.8	0.3	3.5	0.5	1.03	0.5	1.0	0.3	2.0	0.5	1.03	0.5
750.	18.0	0.3	17.0	1.5	1.55	0.5	2.3	0.3	4.5	0.5	1.55	0.5	1.3	0.3	2.5	0.5	1.55	0.5
1000.	25.8	0.3	21.5	1.5	2.07	0.5	3.0	0.3	6.0	0.5	2.07	0.5	1.8	0.3	3.5	0.5	2.07	0.5
2500.	94.0	0.3	45.0	2.5	5.17	0.5	6.0	0.3	12.0	0.5	5.17	0.5	3.5	0.3	7.0	0.5	5.17	0.5
5000.	223.9	0.3	>50.0	4.5	10.34	0.5	25.8	0.3	21.5	1.5	10.34	0.5	6.0	0.3	12.0	0.5	10.34	0.5
15000.	422.9	0.3	>50.0	8.5	31.02	0.5	174.1	0.3	>50.0	3.5	31.02	0.5	45.8	0.3	29.5	2.5	31.02	0.5
25000.	472.6	0.3	>50.0	9.5	51.69	0.5	223.9	0.3	>50.0	4.5	51.69	0.5	94.0	0.3	45.0	2.5	51.69	0.5
35000.	522.4	0.3	>50.0	10.5	72.37	0.5	323.4	0.3	>50.0	6.5	72.37	0.5	174.1	0.3	>50.0	3.5	72.37	0.5

296

MIXING HEIGHT..... INFINITE
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... STABLE-E

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.	0.8	0.8	1.5	0.5	0.03	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	2.8	0.8	5.5	0.5	0.06	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	5.5	0.3	11.0	0.5	0.13	1.5	0.8	0.8	1.5	0.5	0.13	1.5	0.0	0.0	0.0	0.0	0.0	0.0
750.	14.3	0.3	15.5	1.5	0.19	1.5	1.5	0.8	3.0	0.5	0.19	1.5	0.0	0.0	0.0	0.0	0.0	0.0
1000.	23.0	0.3	20.0	1.5	0.25	1.5	2.3	0.8	4.5	0.5	0.25	1.5	0.8	0.8	1.5	0.5	0.25	1.5
2500.	89.0	0.3	43.0	2.5	0.63	1.5	5.5	0.3	11.0	0.5	0.63	1.5	2.8	0.8	5.5	0.5	0.63	1.5
5000.	223.9	0.3	>50.0	4.5	1.26	1.5	23.0	0.3	20.0	1.5	1.26	1.5	5.5	0.3	11.0	0.5	1.26	1.5
15000.	422.9	0.3	>50.0	8.5	3.77	1.5	174.1	0.3	>50.0	3.5	3.77	1.5	37.0	0.3	28.0	1.5	3.77	1.5
25000.	472.6	0.3	>50.0	9.5	6.29	1.5	223.9	0.3	>50.0	4.5	6.29	1.5	89.0	0.3	43.0	2.5	6.29	1.5
35000.	522.4	0.3	>50.0	10.5	8.80	1.5	323.4	0.3	>50.0	6.5	8.80	1.5	174.1	0.3	>50.0	3.5	8.80	1.5
50000.	572.1	0.3	>50.0	11.5	12.57	1.5	373.1	0.3	>50.0	7.5	12.57	1.5	223.9	0.3	>50.0	4.5	12.57	1.5

297

MIXING HEIGHT..... INFINITE
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... STABLE-E

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	1.0	3.8	2.0	0.5	0.02	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	4.3	2.3	8.5	0.5	0.03	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	6.3	2.3	12.5	0.5	0.04	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	65.5	1.3	36.0	2.5	0.10	4.5	1.0	3.8	2.0	0.5	0.10	4.5	0.0	0.0	0.0	0.0	0.0	0.0
5000.	219.4	1.3	>50.0	4.5	0.21	4.5	6.3	2.3	12.5	0.5	0.21	4.5	1.0	3.8	2.0	0.5	0.21	4.5
15000.	365.6	1.3	>50.0	7.5	0.63	4.5	86.8	1.3	42.5	2.5	0.63	4.5	25.0	1.8	21.0	1.5	0.63	4.5
25000.	467.9	0.8	>50.0	9.5	1.04	4.5	219.4	1.3	>50.0	4.5	1.04	4.5	65.5	1.3	36.0	2.5	1.04	4.5
35000.	467.9	0.8	>50.0	9.5	1.46	4.5	268.1	1.3	>50.0	5.5	1.46	4.5	170.6	1.3	>50.0	3.5	1.46	4.5
50000.	517.1	0.8	>50.0	10.5	2.08	4.5	316.9	1.3	>50.0	6.5	2.08	4.5	219.4	1.3	>50.0	4.5	2.08	4.5

298

MIXING HEIGHT..... INFINITE
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... STABLE-E

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	22.8	4.8	20.5	1.5	0.03	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	163.6	3.3	>50.0	3.5	0.07	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	354.4	2.8	>50.0	7.5	0.20	7.0	35.3	4.3	27.5	1.5	0.20	7.0	1.3	6.3	2.5	0.5	0.20	7.0
25000.	405.9	2.3	>50.0	8.5	0.34	7.0	163.6	3.3	>50.0	3.5	0.34	7.0	22.8	4.8	20.5	1.5	0.34	7.0
35000.	453.6	2.3	>50.0	9.5	0.47	7.0	210.4	3.3	>50.0	4.5	0.47	7.0	53.8	3.8	34.5	2.5	0.47	7.0
50000.	501.4	2.3	>50.0	10.5	0.68	7.0	259.9	2.8	>50.0	5.5	0.68	7.0	163.6	3.3	>50.0	3.5	0.68	7.0
75000.	554.9	1.8	>50.0	11.5	1.02	7.0	354.4	2.8	>50.0	7.5	1.02	7.0	210.4	3.3	>50.0	4.5	1.02	7.0
100000.	554.9	1.8	>50.0	11.5	1.36	7.0	405.9	2.3	>50.0	8.5	1.36	7.0	259.9	2.8	>50.0	5.5	1.36	7.0

299

MIXING HEIGHT..... INFINITE
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... STABLE-E

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	25.8	8.8	24.5	1.5	0.02	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	290.9	5.3	>50.0	6.5	0.07	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	339.4	4.8	>50.0	7.5	0.12	16.0	25.8	8.8	24.5	1.5	0.12	16.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	388.9	4.3	>50.0	8.5	0.17	16.0	109.4	6.3	>50.0	2.5	0.17	16.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	439.4	3.8	>50.0	9.5	0.24	16.0	199.1	5.8	>50.0	4.5	0.24	16.0	25.8	8.8	24.5	1.5	0.24	16.0
75000.	485.6	3.8	>50.0	10.5	0.36	16.0	290.9	5.3	>50.0	6.5	0.36	16.0	109.4	6.3	>50.0	2.5	0.36	16.0
100000.	485.6	3.8	>50.0	10.5	0.49	16.0	339.4	4.8	>50.0	7.5	0.49	16.0	199.1	5.8	>50.0	4.5	0.49	16.0

300

MIXING HEIGHT..... INFINITE
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 1500.0 FT
STABILITY CLASS..... STABLE-E

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	95.4	22.8	>50.0	3.5	0.03	50.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	180.1	17.3	>50.0	5.5	0.04	50.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	235.6	13.8	>50.0	6.5	0.06	50.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75000.	290.6	11.3	>50.0	7.5	0.09	50.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100000.	337.9	10.3	>50.0	8.5	0.11	50.5	48.1	30.8	>50.0	2.5	0.11	50.5	0.0	0.0	0.0	0.0	0.0	0.0

301

MIXING HEIGHT..... INFINITE
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 2000.0 FT
STABILITY CLASS..... STABLE-E

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75000.	2.6	48.3	>50.0	1.5	0.02	50.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100000.	39.4	38.8	>50.0	3.5	0.03	50.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

302

MIXING HEIGHT..... INFINITE
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 2500.0 FT
STABILITY CLASS..... STABLE-E

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

303

MIXING HEIGHT..... INFINITE
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 3500.0 FT
STABILITY CLASS..... STABLE-E

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

304

MIXING HEIGHT..... INFINITE
WIND SPEED..... 5.0 MPH
EFFECTIVE STACK HEIGHT..... 5000.0 FT
STABILITY CLASS..... STABLE-E

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

305

MIXING HEIGHT..... INFINITE
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... STABLE-E

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
20.	0.3	0.3	0.5	0.5	0.02	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
50.	0.5	0.3	1.0	0.5	0.05	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
100.	1.0	0.3	2.0	0.5	0.10	0.5	0.3	0.3	0.5	0.5	0.10	0.5	0.0	0.0	0.0	0.0	0.0	0.0
250.	2.0	0.3	4.0	0.5	0.26	0.5	0.5	0.3	1.0	0.5	0.26	0.5	0.3	0.3	0.5	0.5	0.26	0.5
500.	3.5	0.3	7.0	0.5	0.52	0.5	1.0	0.3	2.0	0.5	0.52	0.5	0.5	0.3	1.0	0.5	0.52	0.5
750.	4.8	0.3	9.5	0.5	0.78	0.5	1.3	0.3	2.5	0.5	0.78	0.5	0.8	0.3	1.5	0.5	0.78	0.5
1000.	6.0	0.3	12.0	0.5	1.03	0.5	1.8	0.3	3.5	0.5	1.03	0.5	1.0	0.3	2.0	0.5	1.03	0.5
2500.	33.3	0.3	25.5	1.5	2.58	0.5	3.5	0.3	7.0	0.5	2.58	0.5	2.0	0.3	4.0	0.5	2.58	0.5
5000.	94.0	0.3	45.0	2.5	5.17	0.5	6.0	0.3	12.0	0.5	5.17	0.5	3.5	0.3	7.0	0.5	5.17	0.5
15000.	323.4	0.3	>50.0	6.5	15.51	0.5	45.8	0.3	29.5	2.5	15.51	0.5	18.0	0.3	17.0	1.5	15.51	0.5
25000.	373.1	0.3	>50.0	7.5	25.85	0.5	94.0	0.3	45.0	2.5	25.85	0.5	33.3	0.3	25.5	1.5	25.85	0.5
35000.	422.9	0.3	>50.0	8.5	36.19	0.5	174.1	0.3	>50.0	3.5	36.19	0.5	61.3	0.3	33.5	2.5	36.19	0.5

306

MIXING HEIGHT..... INFINITE
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... STABLE-E

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	1.3	0.8	2.5	0.5	0.03	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	2.8	0.8	5.5	0.5	0.06	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	4.3	0.3	8.5	0.5	0.09	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	5.5	0.3	11.0	0.5	0.13	1.5	0.8	0.8	1.5	0.5	0.13	1.5	0.0	0.0	0.0	0.0	0.0	0.0
2500.	30.0	0.3	24.0	1.5	0.31	1.5	2.8	0.8	5.5	0.5	0.31	1.5	1.3	0.8	2.5	0.5	0.31	1.5
5000.	89.0	0.3	43.0	2.5	0.63	1.5	5.5	0.3	11.0	0.5	0.63	1.5	2.8	0.8	5.5	0.5	0.63	1.5
15000.	323.4	0.3	>50.0	6.5	1.89	1.5	37.0	0.3	28.0	1.5	1.89	1.5	14.3	0.3	15.5	1.5	1.89	1.5
25000.	373.1	0.3	>50.0	7.5	3.14	1.5	89.0	0.3	43.0	2.5	3.14	1.5	30.0	0.3	24.0	1.5	3.14	1.5
35000.	422.9	0.3	>50.0	8.5	4.40	1.5	174.1	0.3	>50.0	3.5	4.40	1.5	54.5	0.3	32.0	2.5	4.40	1.5
50000.	472.6	0.3	>50.0	9.5	6.29	1.5	223.9	0.3	>50.0	4.5	6.29	1.5	89.0	0.3	43.0	2.5	6.29	1.5

307

MIXING HEIGHT..... INFINITE
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... STABLE-E

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	1.0	3.8	2.0	0.5	0.02	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	17.0	1.8	17.0	1.5	0.05	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	65.5	1.3	36.0	2.5	0.10	4.5	1.0	3.8	2.0	0.5	0.10	4.5	0.0	0.0	0.0	0.0	0.0	0.0
15000.	268.1	1.3	>50.0	5.5	0.31	4.5	25.0	1.8	21.0	1.5	0.31	4.5	4.3	2.3	8.5	0.5	0.31	4.5
25000.	365.6	1.3	>50.0	7.5	0.52	4.5	65.5	1.3	36.0	2.5	0.52	4.5	17.0	1.8	17.0	1.5	0.52	4.5
35000.	414.4	1.3	>50.0	8.5	0.73	4.5	170.6	1.3	>50.0	3.5	0.73	4.5	31.3	1.8	24.5	1.5	0.73	4.5
50000.	467.9	0.8	>50.0	9.5	1.04	4.5	219.4	1.3	>50.0	4.5	1.04	4.5	65.5	1.3	36.0	2.5	1.04	4.5

308

MIXING HEIGHT..... INFINITE
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... STABLE-E

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	22.8	4.8	20.5	1.5	0.03	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	210.4	3.3	>50.0	4.5	0.10	7.0	1.3	6.3	2.5	0.5	0.10	7.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	307.1	2.8	>50.0	6.5	0.17	7.0	22.8	4.8	20.5	1.5	0.17	7.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	354.4	2.8	>50.0	7.5	0.24	7.0	53.8	3.8	34.5	2.5	0.24	7.0	4.0	5.8	8.0	0.5	0.24	7.0
50000.	405.9	2.3	>50.0	8.5	0.34	7.0	163.6	3.3	>50.0	3.5	0.34	7.0	22.8	4.8	20.5	1.5	0.34	7.0
75000.	453.6	2.3	>50.0	9.5	0.51	7.0	210.4	3.3	>50.0	4.5	0.51	7.0	68.3	3.8	37.5	2.5	0.51	7.0
100000.	501.4	2.3	>50.0	10.5	0.68	7.0	259.9	2.8	>50.0	5.5	0.68	7.0	163.6	3.3	>50.0	3.5	0.68	7.0

309

MIXING HEIGHT..... INFINITE
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... STABLE-E

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	109.4	6.3	>50.0	2.5	0.04	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	246.1	5.3	>50.0	5.5	0.06	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	294.1	4.8	>50.0	6.5	0.08	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	339.4	4.8	>50.0	7.5	0.12	16.0	25.8	8.8	24.5	1.5	0.12	16.0	0.0	0.0	0.0	0.0	0.0	0.0
75000.	388.9	4.3	>50.0	8.5	0.18	16.0	109.4	6.3	>50.0	2.5	0.18	16.0	0.0	0.0	0.0	0.0	0.0	0.0
100000.	439.4	3.8	>50.0	9.5	0.24	16.0	199.1	5.8	>50.0	4.5	0.24	16.0	25.8	8.8	24.5	1.5	0.24	16.0

310

MIXING HEIGHT..... INFINITE
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 1500.0 FT
STABILITY CLASS..... STABLE-E

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	95.4	22.8	>50.0	3.5	0.03	50.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75000.	185.6	16.3	>50.0	5.5	0.04	50.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100000.	235.6	13.8	>50.0	6.5	0.06	50.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

311

MIXING HEIGHT..... INFINITE
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 2000.0 FT
STABILITY CLASS..... STABLE-E

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

312

MIXING HEIGHT..... INFINITE
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 2500.0 FT
STABILITY CLASS..... STABLE-E

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

313

MIXING HEIGHT..... INFINITE
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 3500.0 FT
STABILITY CLASS..... STABLE-E

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

314

MIXING HEIGHT..... INFINITE
WIND SPEED..... 10.0 MPH
EFFECTIVE STACK HEIGHT..... 5000.0 FT
STABILITY CLASS..... STABLE-E

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

315

MIXING HEIGHT..... INFINITE
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... STABLE-E

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	0.0	0.0	0.0	0.0	0.0	0.0
50.	0.3	0.3	0.5	0.5	0.03	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
100.	0.8	0.3	1.5	0.5	0.07	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
250.	1.5	0.3	3.0	0.5	0.17	0.5	0.3	0.3	0.5	0.5	0.17	0.5	0.0	0.0	0.0	0.0	0.0	0.0
500.	2.5	0.3	5.0	0.5	0.34	0.5	0.8	0.3	1.5	0.5	0.34	0.5	0.3	0.3	0.5	0.5	0.34	0.5
750.	3.5	0.3	7.0	0.5	0.52	0.5	1.0	0.3	2.0	0.5	0.52	0.5	0.5	0.3	1.0	0.5	0.52	0.5
1000.	4.3	0.3	8.5	0.5	0.69	0.5	1.3	0.3	2.5	0.5	0.69	0.5	0.8	0.3	1.5	0.5	0.69	0.5
2500.	21.3	0.3	18.5	1.5	1.72	0.5	2.5	0.3	5.0	0.5	1.72	0.5	1.5	0.3	3.0	0.5	1.72	0.5
5000.	57.0	0.3	32.0	2.5	3.45	0.5	4.3	0.3	8.5	0.5	3.45	0.5	2.5	0.3	5.0	0.5	3.45	0.5
15000.	223.9	0.3	>50.0	4.5	10.34	0.5	25.8	0.3	21.5	1.5	10.34	0.5	6.0	0.3	12.0	0.5	10.34	0.5
25000.	323.4	0.3	>50.0	6.5	17.23	0.5	57.0	0.3	32.0	2.5	17.23	0.5	21.3	0.3	18.5	1.5	17.23	0.5
35000.	373.1	0.3	>50.0	7.5	24.12	0.5	87.3	0.3	42.5	2.5	24.12	0.5	31.0	0.3	24.0	1.5	24.12	0.5

316

MIXING HEIGHT..... INFINITE
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... STABLE-E

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.	0.3	1.3	0.5	0.5	0.02	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	1.8	0.8	3.5	0.5	0.04	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	2.8	0.8	5.5	0.5	0.06	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	3.5	0.8	7.0	0.5	0.08	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	17.5	0.3	17.0	1.5	0.21	1.5	1.8	0.8	3.5	0.5	0.21	1.5	0.3	1.3	0.5	0.5	0.21	1.5
5000.	48.8	0.3	30.5	2.5	0.42	1.5	3.5	0.8	7.0	0.5	0.42	1.5	1.8	0.8	3.5	0.5	0.42	1.5
15000.	223.9	0.3	>50.0	4.5	1.26	1.5	23.0	0.3	20.0	1.5	1.26	1.5	5.5	0.3	11.0	0.5	1.26	1.5
25000.	323.4	0.3	>50.0	6.5	2.10	1.5	48.8	0.3	30.5	2.5	2.10	1.5	17.5	0.3	17.0	1.5	2.10	1.5
35000.	373.1	0.3	>50.0	7.5	2.93	1.5	81.8	0.3	40.5	2.5	2.93	1.5	27.8	0.3	22.5	1.5	2.93	1.5
50000.	422.9	0.3	>50.0	8.5	4.19	1.5	174.1	0.3	>50.0	3.5	4.19	1.5	48.8	0.3	30.5	2.5	4.19	1.5

317

MIXING HEIGHT..... INFINITE
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... STABLE-E

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	5.0	2.3	10.0	0.5	0.03	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	28.8	1.8	23.5	1.5	0.07	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	219.4	1.3	>50.0	4.5	0.21	4.5	6.3	2.3	12.5	0.5	0.21	4.5	1.0	3.8	2.0	0.5	0.21	4.5
25000.	316.9	1.3	>50.0	6.5	0.35	4.5	28.8	1.8	23.5	1.5	0.35	4.5	5.0	2.3	10.0	0.5	0.35	4.5
35000.	365.6	1.3	>50.0	7.5	0.49	4.5	57.0	1.8	33.0	2.5	0.49	4.5	14.0	1.8	16.0	1.5	0.49	4.5
50000.	414.4	1.3	>50.0	8.5	0.69	4.5	99.0	1.3	47.0	2.5	0.69	4.5	28.8	1.8	23.5	1.5	0.69	4.5

318

MIXING HEIGHT..... INFINITE
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... STABLE-E

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	3.3	6.3	6.5	0.5	0.02	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	163.6	3.3	>50.0	3.5	0.07	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	259.9	2.8	>50.0	5.5	0.11	7.0	3.3	6.3	6.5	0.5	0.11	7.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	307.1	2.8	>50.0	6.5	0.16	7.0	17.0	4.8	18.0	1.5	0.16	7.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	354.4	2.8	>50.0	7.5	0.23	7.0	43.8	3.8	32.5	1.5	0.23	7.0	3.3	6.3	6.5	0.5	0.23	7.0
75000.	405.9	2.3	>50.0	8.5	0.34	7.0	163.6	3.3	>50.0	3.5	0.34	7.0	22.8	4.8	20.5	1.5	0.34	7.0
100000.	453.6	2.3	>50.0	9.5	0.45	7.0	210.4	3.3	>50.0	4.5	0.45	7.0	43.8	3.8	32.5	1.5	0.45	7.0

319

MIXING HEIGHT..... INFINITE
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... STABLE-E

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	25.8	8.8	24.5	1.5	0.02	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	153.1	6.3	>50.0	3.5	0.04	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	243.4	5.8	>50.0	5.5	0.06	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	290.9	5.3	>50.0	6.5	0.08	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75000.	339.4	4.8	>50.0	7.5	0.12	16.0	25.8	8.8	24.5	1.5	0.12	16.0	0.0	0.0	0.0	0.0	0.0	0.0
100000.	388.9	4.3	>50.0	8.5	0.16	16.0	109.4	6.3	>50.0	2.5	0.16	16.0	0.0	0.0	0.0	0.0	0.0	0.0

320

MIXING HEIGHT..... INFINITE
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 1500.0 FT
STABILITY CLASS..... STABLE-E

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75000.	95.4	22.8	>50.0	3.5	0.03	50.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100000.	177.4	17.8	>50.0	5.5	0.04	50.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

321

MIXING HEIGHT..... INFINITE
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 2000.0 FT
STABILITY CLASS..... STABLE-E

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

322

MIXING HEIGHT..... INFINITE
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 2500.0 FT
STABILITY CLASS..... STABLE-E

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

323

MIXING HEIGHT..... INFINITE
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 3500.0 FT
STABILITY CLASS..... STABLE-E

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

324

MIXING HEIGHT..... INFINITE
WIND SPEED..... 15.0 MPH
EFFECTIVE STACK HEIGHT..... 5000.0 FT
STABILITY CLASS..... STABLE-E

	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
QSO2 LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

325

MIXING HEIGHT..... INFINITE
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 100.0 FT
STABILITY CLASS..... STABLE-E

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	0.0	0.0	0.0	0.0	0.0	0.0
50.	0.3	0.3	0.5	0.5	0.02	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
100.	0.5	0.3	1.0	0.5	0.04	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
250.	1.0	0.3	2.0	0.5	0.10	0.5	0.3	0.3	0.5	0.5	0.10	0.5	0.0	0.0	0.0	0.0	0.0	0.0
500.	1.8	0.3	3.5	0.5	0.21	0.5	0.5	0.3	1.0	0.5	0.21	0.5	0.3	0.3	0.5	0.5	0.21	0.5
750.	2.3	0.3	4.5	0.5	0.31	0.5	0.5	0.3	1.0	0.5	0.31	0.5	0.3	0.3	0.5	0.5	0.31	0.5
1000.	3.0	0.3	6.0	0.5	0.41	0.5	0.8	0.3	1.5	0.5	0.41	0.5	0.5	0.3	1.0	0.5	0.41	0.5
2500.	6.0	0.3	12.0	0.5	1.03	0.5	1.8	0.3	3.5	0.5	1.03	0.5	1.0	0.3	2.0	0.5	1.03	0.5
5000.	25.8	0.3	21.5	1.5	2.07	0.5	3.0	0.3	6.0	0.5	2.07	0.5	1.8	0.3	3.5	0.5	2.07	0.5
15000.	174.1	0.3	>50.0	3.5	6.20	0.5	11.5	0.3	14.0	1.5	6.20	0.5	4.0	0.3	8.0	0.5	6.20	0.5
25000.	223.9	0.3	>50.0	4.5	10.34	0.5	25.8	0.3	21.5	1.5	10.34	0.5	6.0	0.3	12.0	0.5	10.34	0.5
35000.	323.4	0.3	>50.0	6.5	14.47	0.5	37.0	0.3	28.0	1.5	14.47	0.5	16.5	0.3	16.0	1.5	14.47	0.5

326

MIXING HEIGHT..... INFINITE
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 250.0 FT
STABILITY CLASS..... STABLE-E

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
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	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	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.8	0.8	1.5	0.5	0.03	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	1.5	0.8	3.0	0.5	0.04	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	2.3	0.8	4.5	0.5	0.05	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	5.5	0.3	11.0	0.5	0.13	1.5	0.8	0.8	1.5	0.5	0.13	1.5	0.0	0.0	0.0	0.0	0.0	0.0
5000.	23.0	0.3	20.0	1.5	0.25	1.5	2.3	0.8	4.5	0.5	0.25	1.5	0.8	0.8	1.5	0.5	0.25	1.5
15000.	174.1	0.3	>50.0	3.5	0.75	1.5	6.5	0.3	13.0	0.5	0.75	1.5	3.3	0.8	6.5	0.5	0.75	1.5
25000.	223.9	0.3	>50.0	4.5	1.26	1.5	23.0	0.3	20.0	1.5	1.26	1.5	5.5	0.3	11.0	0.5	1.26	1.5
35000.	323.4	0.3	>50.0	6.5	1.76	1.5	34.3	0.3	26.5	1.5	1.76	1.5	11.8	0.3	14.5	1.5	1.76	1.5
50000.	373.1	0.3	>50.0	7.5	2.51	1.5	67.0	0.3	36.0	2.5	2.51	1.5	23.0	0.3	20.0	1.5	2.51	1.5

327

MIXING HEIGHT..... INFINITE
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 500.0 FT
STABILITY CLASS..... STABLE-E

QSO2	ISOPLETH LEVEL=.02 PPM						ISOPLETH LEVEL=.10 PPM						ISOPLETH LEVEL=.20 PPM					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
100.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	1.0	3.8	2.0	0.5	0.02	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	6.3	2.3	12.5	0.5	0.04	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	86.8	1.3	42.5	2.5	0.13	4.5	2.8	2.8	5.5	0.5	0.13	4.5	0.0	0.0	0.0	0.0	0.0	0.0
25000.	219.4	1.3	>50.0	4.5	0.21	4.5	6.3	2.3	12.5	0.5	0.21	4.5	1.0	3.8	2.0	0.5	0.21	4.5
35000.	268.1	1.3	>50.0	5.5	0.29	4.5	21.8	1.8	19.5	1.5	0.29	4.5	3.5	2.8	7.0	0.5	0.29	4.5
50000.	316.9	1.3	>50.0	6.5	0.42	4.5	37.3	1.8	28.5	1.5	0.42	4.5	6.3	2.3	12.5	0.5	0.42	4.5

328

MIXING HEIGHT..... INFINITE
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 750.0 FT
STABILITY CLASS..... STABLE-E

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	35.3	4.3	27.5	1.5	0.04	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	163.6	3.3	>50.0	3.5	0.07	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	210.4	3.3	>50.0	4.5	0.09	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	259.9	2.8	>50.0	5.5	0.14	7.0	6.3	5.3	12.5	0.5	0.14	7.0	0.0	0.0	0.0	0.0	0.0	0.0
75000.	354.4	2.8	>50.0	7.5	0.20	7.0	35.3	4.3	27.5	1.5	0.20	7.0	1.3	6.3	2.5	0.5	0.20	7.0
100000.	405.9	2.3	>50.0	8.5	0.27	7.0	78.3	3.8	40.5	2.5	0.27	7.0	6.3	5.3	12.5	0.5	0.27	7.0

329

MIXING HEIGHT..... INFINITE
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 1000.0 FT
STABILITY CLASS..... STABLE-E

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	25.8	8.8	24.5	1.5	0.02	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	109.4	6.3	>50.0	2.5	0.03	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	199.1	5.8	>50.0	4.5	0.05	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75000.	290.9	5.3	>50.0	6.5	0.07	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100000.	339.4	4.8	>50.0	7.5	0.10	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

330

MIXING HEIGHT..... INFINITE
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 1500.0 FT
STABILITY CLASS..... STABLE-E

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
250.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
750.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2500.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75000.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100000.	48.1	30.8	>50.0	2.5	0.02	50.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

331

MIXING HEIGHT..... INFINITE
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 2000.0 FT
STABILITY CLASS..... STABLE-E

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

332

MIXING HEIGHT..... INFINITE
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 2500.0 FT
STABILITY CLASS..... STABLE-E

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

333

MIXING HEIGHT..... INFINITE
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 3500.0 FT
STABILITY CLASS..... STABLE-E

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
LB/HR	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI	AREA SQ MI	DLE MI	LGTH MI	WDTH MI	CHIMAX PPM	DCM MI
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MIXING HEIGHT..... INFINITE
WIND SPEED..... 25.0 MPH
EFFECTIVE STACK HEIGHT..... 5000.0 FT
STABILITY CLASS..... STABLE-E

QSO2	-------ISOPLETH LEVEL=.02 PPM-------						-------ISOPLETH LEVEL=.10 PPM-------						-------ISOPLETH LEVEL=.20 PPM-------					
	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM	AREA	DLE	LGTH	WDTH	CHIMAX	DCM
LB/HR	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI	SQ MI	MI	MI	MI	PPM	MI
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Appendix

I. Generalized Footprint Code

It is important in the exercise of an air pollution control effort to assess the relative contributions of large sources in terms of areal extent and level of concentrations. This program is designed to fulfill this task and is general enough to be used as a valuable air pollution research tool.

The code utilizes both the standard Gaussian plume (5) and the integrated puff diffusion models (2) to produce a "footprint" of any given smoke plume as it contacts the earth's surface. The "footprint" is a spatial distribution of concentrations within a given isopleth. Fig. A.1 shows the printout of the concentrations in a typical footprint. Since the concentrations are symmetrical about the downwind (x) axis, the program prints half of the footprint. There is no real purpose served by having the computer print out all of these concentrations. Instead, it calculates them and then determines the characteristic parameters required to describe each isopleth that has been selected.

The program is written to calculate concentrations using the puff model for low wind speeds ($\leq$5 mph) where the diffusion rate of the gas may be greater than the rate of advection by the mean wind. Concentrations at higher wind speeds are calculated with the Gaussian plume equation. The dispersion parameters calculated in the SIGY and SIGZ subroutines are taken from the "Workbook of Atmospheric Dispersion Estimates". (5)

Description of Operation

This program is written in FORTRAN IV language for the IBM system 360 computer. A complete listing is included in this Appendix.

Starting at the first DX (downwind) increment from the source, the concentrations are calculated from the centerline outward at every DY (crosswind) increment. When the concentration falls below the specified isopleth level the program goes to the next DX increment and again works outward from the centerline. Eventually an array of concentrations, in the shape that the plume makes as it intersects the ground, is established. A half-mile grid spacing has been used to form the tables in this manual.

Fig. A.1

Printout of Typical Concentrations in a Footprint

MIXING HEIGHT.....1000.0 FT
WIND SPEED..... 2.0 MPH
EFFECTIVE STACK HEIGHT 1000.0 FT
STABILITY CLASS.....NEUTRAL-D

X / Y	0.0	0.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00
0.50									
1.00									
1.50	0.14								
2.00	0.63	0.02							
2.50	1.40	0.13							
3.00	2.21	0.39							
3.50	2.90	0.78	0.02						
4.00	3.43	1.22	0.06						
4.50	3.80	1.64	0.15						
5.00	4.03	2.02	0.27	0.01					
5.50	4.16	2.32	0.42	0.03					
6.00	4.22	2.56	0.60	0.06					
6.50	4.21	2.74	0.77	0.10					
7.00	4.14	2.84	0.94	0.16	0.01				
7.50	4.05	2.90	1.09	0.22	0.03				
8.00	3.92	2.92	1.22	0.30	0.04				
8.50	3.75	2.88	1.31	0.37	0.06				
9.00	3.51	2.77	1.36	0.43	0.09	0.01			
9.50	3.29	2.66	1.40	0.50	0.12	0.02			
10.00	3.43	2.82	1.58	0.61	0.17	0.03			
10.50	3.27	2.73	1.60	0.67	0.20	0.05			
11.00	3.09	2.62	1.61	0.72	0.24	0.06	0.01		
11.50	2.96	2.55	1.63	0.78	0.29	0.08	0.02		
12.00	2.97	2.59	1.71	0.86	0.33	0.10	0.02		
12.50	2.85	2.50	1.70	0.90	0.37	0.12	0.03		
13.00	2.71	2.41	1.68	0.93	0.41	0.15	0.04	0.01	
13.50	2.60	2.32	1.66	0.96	0.45	0.17	0.05	0.01	
14.00	2.48	2.23	1.62	0.96	0.46	0.18	0.06	0.02	
14.50	2.27	2.05	1.52	0.92	0.46	0.19	0.07	0.02	
15.00	1.97	1.79	1.34	0.83	0.42	0.18	0.06	0.02	
15.50	1.59	1.45	1.09	0.69	0.36	0.16	0.06	0.02	
16.00	1.12	1.03	0.78	0.50	0.27	0.12	0.04	0.01	
16.50	0.76	0.70	0.54	0.34	0.19	0.08	0.03	0.01	
17.00	0.46	0.42	0.32	0.21	0.11	0.05	0.02		
17.50	0.24	0.22	0.17	0.11	0.06	0.03	0.01		
18.00	0.06	0.06	0.04	0.03	0.01				
18.50	0.02	0.02	0.01						
19.00									

AREA WITHIN ISOPLETH.....86.3 SQ. MI.
DISTANCE TO LEADING EDGE.....1.50 MI.
LENGTH OF FOOTPRINT.....17.0 MI.
WIDTH OF FOOTPRINT.....7.5 MI.
MAXIMUM CONCENTRATION.....4.22 PPM
DISTANCE TO MAXIMUM.....6.0 MI.

The maximum concentration achieved is stored along with its distance from the source and this useful information is printed. The maximum plume width is also stored for output.

Input

All input is accomplished in the main program. Not all the information is needed for execution but should be included for identification purposes.

Five cards comprise a single input set. Problems may be stacked; a STOP card will terminate the run after the last data set has been processed.

1st card Format 20A4 TITLE

This is simply a problem identification and anything may be punched in Cols. 1-80.

2nd card Format 5I10 NYEAR, MONTH, NDAY, HOUR

These are the time parameters year (4 digits), month (1-12), day (1-365), hour (1-24). They are used in the calculation of the stability class via subroutine STAB.

3rd card Format 8E10.0 WS, WD, COV, CEIL, HMIX

This card is used for the meteorological parameters:

WS - wind speed - MPH

WD - wind direction - (0.360)

COV - cloud cover - 0-1.0

CEIL - ceiling height - ft

HMIX - mixing depth - ft

4th card Format 8E10.0 XS, YSX H, DIA, VEL, QCOAL, SULFUR

This card is used for source locations and characteristics:

XS - city grid location - X - miles

YS - city grid location - Y - miles

H - physical stack height - feet

DIA - stack exist diameter - feet

VEL - effluent velocity at exist - feet per second

QCOAL - coal burning rate - tons/HR

SULFUR - sulfur content of coal - %

5th card Format 8E10.0 DX, DY, Z, PISO

DX - downwind grid size - miles

DY - crosswind grid size - miles

Z - receptor height - feet

PISO - footprint isopleth level - ppm of SO_2

Output

The general program calculates and prints out the following details:

Detailed concentrations within the footprint	
Area within the isopleth	AREA
Distance from the source to the nearest edge of the footprint	DLE
Length of the footprint	LGTH
Maximum width	WDTH
Maximum concentration on the grid points along the centerline	CHIMAX
Distance to the grid point of maximum concentration	DCM

The procedure used by this program calculates concentrations out to fifty miles downwind; if the footprint is longer, the area printed is the rectangular area given by the maximum width times 50.

Isopleth-Area Table Program

Area-isopleth tables such as those presented here can be generated merely by substituting the main program of the footprint code. A listing of the area-isopleth main program is contained herein.

In addition to this change, the print statements in the XYAREA and XYISO subroutines should be removed. These statements produce the footprint. The ranges and increments of the various parameters that define the table are fixed in data statements at the beginning of the program. These may be altered very easily if variations in the table are desired.

MAIN PROGRAM FOR ISOPLETH - AREA TABLES

```
LEVEL 24 ( 1 JULY 68)                    OS/360  FORTRAN H                                    DATE  69.171/01.50.45

          COMPILER OPTIONS - NAME=  MAIN,OPT=00,LINECNT=57,SOURCE,EBCDIC,NOLIST,NODECK,LOAD,MAP,NOEDIT,ID,NOXREF
                    C
 ISN 0002                DIMENSION IQSO2(16),IWS(5),ISTAK(5),MIXHT(6),XISO(3),          END(3
                        1),DLE(3),XDIM(3),YDIM(3),AREA(3),CMAX(3),DIST(3),HH(3),QUOT(2)
 ISN 0003                DATA IQSO2/10,20,50,100,250,500,750,1000,2500,5000,15000,25000,
                        135000,50000,75000,100000/
                    C
 ISN 0004                 DATA IWS/2,5,10,15,25/
                    C
 ISN 0005                DATA ISTAK/100,250,500,1000,2500/
                    C
 ISN 0006                DATA MIXHT/250,500,1000,2500,4000,20000/
                    C
 ISN 0007                DATA XISO/.01,.1,.2/
                    C
 ISN 0008                DATA QUOT/' ','>'/
                    C
 ISN 0009                DATA STAB/'UNSTABLE-B       NEUTRAL-D       STABLE-E         '/
 ISN 0010                COMMON/STACK/ H,DELH,DIA,VEL,QCOAL,QHEAT,QSO2,SULFER
 ISN 0011                COMMON/MET/ WS,WD,COV,CEIL,HMIX,J
 ISN 0012                COMMON/DIMS/XSTART,XSTOP,YMAX,SQMI
 ISN 0013                 REAL*8 STAB(2,3)
                    C
 ISN 0014                MTABLE=1
 ISN 0015                DX=.5
 ISN 0016                DY=.5
 ISN 0017                Z=0.
 ISN 0018                DELH=0.
 ISN 0019                NFLAG=1
 ISN 0020                PRINT 31
 ISN 0021             31 FORMAT(1H1)
                    C
 ISN 0022                DO 600 I=1,6
 ISN 0023                HMIX=MIXHT(I)
                    C
 ISN 0024                IF(HMIX-1000.)1,2,3
 ISN 0025              1 KUP=3
 ISN 0026                GO TO 4
 ISN 0027              2 KUP=4
 ISN 0028                GO TO 4
 ISN 0029              3 KUP=5
 ISN 0030              4 DO 500 K=1,KUP
 ISN 0031                WS=IWS(K)
 ISN 0032                DO 400 N=1,5
 ISN 0033                H=ISTAK(N)
 ISN 0034                IF(H.GT.HMIX) GO TO 400
                    C
 ISN 0036                HMAX=6*H
 ISN 0037                IF(HMIX.EQ.20000) GO TO 32
 ISN 0039                IF(HMIX.GE.HMAX) GO TO 400
                    C
 ISN 0041             32 IF(H.LE.1000.AND.HMIX.NE.20000.) GO TO 5
 ISN 0043                IF(H.GT.1000.AND.HMIX.NE.20000.) GO TO 6
 ISN 0045                J=4
 ISN 0046                IF(NFLAG.EQ.2) GO TO 8
 ISN 0048                NFLAG=2
 ISN 0049                PRINT 53,MTABLE,HMIX,WS,H,STAB(1,3),STAB(2,3)
 ISN 0050                MTABLE=MTABLE+1
 ISN 0051                GO TO 9
 ISN 0052              8 PRINT 54,MTABLE,HMIX,WS,H,STAB(1,3),STAB(2,3)
 ISN 0053                MTABLE=MTABLE+1
 ISN 0054                NFLAG=1
 ISN 0055                GO TO 9
 ISN 0056              5 DO 300 L=1,3,2
 ISN 0057                LL=L
 ISN 0058                IF(L.EQ.3) LL=2
 ISN 0060                J=L
 ISN 0061                IF(NFLAG.EQ.2) GO TO 10
 ISN 0063                NFLAG=2
 ISN 0064                PRINT 53,MTABLE,HMIX,WS,H,STAB(1,LL),STAB(2,LL)
 ISN 0065                MTABLE=MTABLE+1
 ISN 0066                GO TO 9
 ISN 0067             10 PRINT 54,MTABLE,HMIX,WS,H,STAB(1,LL),STAB(2,LL)
 ISN 0068                MTABLE=MTABLE+1
 ISN 0069                NFLAG=1
 ISN 0070                GO TO 9
                    C
 ISN 0071              6 J=3
 ISN 0072                IF(NFLAG.EQ.2) GO TO 12
 ISN 0074                NFLAG=2
 ISN 0075                PRINT 53,MTABLE,HMIX,WS,H,STAB(1,2),STAB(2,2)
 ISN 0076                MTABLE=MTABLE+1
 ISN 0077                GO TO 9
 ISN 0078             12 PRINT 54,MTABLE,HMIX,WS,H,STAB(1,2),STAB(2,2)
 ISN 0079                MTABLE=MTABLE+1
 ISN 0080                NFLAG=1
                    C
 ISN 0081              9 PRINT 52
 ISN 0082                PRINT 50
 ISN 0083                PRINT 51
 ISN 0084                SUM=0.
 ISN 0085                GO TO (13,14,15,16,17),N
```

```
                C
ISN 0086         13 MUP=8
ISN 0087            MLOW=1
ISN 0088            GO TO 18
                C
ISN 0089         14 MUP=10
ISN 0090            MLOW=1
ISN 0091            GO TO 18
                C
ISN 0092         15 MUP=12
ISN 0093            MLOW=4
ISN 0094            GO TO 18
                C
ISN 0095         16 MUP=16
ISN 0096            MLOW=5
ISN 0097            GO TO 18
                C
ISN 0098         17 MUP=16
ISN 0099            MLOW=6
                C
ISN 0100         18 DO 200 M=MLOW,MUP
ISN 0101            QSO2=IQSO2(M)
ISN 0102            DO 100 JN=1,3
ISN 0103            PISO=XISO(JN)
                C
ISN 0104            IF(K.EQ.1) GO TO 20
                C
ISN 0106            CALL XYAREA(DX,DY,Z,PISO,CHIMAX,DCM)
ISN 0107            GO TO 21
ISN 0108         20 CALL XYISO(DX,DY,Z,PISO,CHIMAX,DCM)
                C
ISN 0109         21 END(JN)=XSTOP
ISN 0110            DLE(JN)=XSTART
ISN 0111            XDIM(JN)=XSTOP-XSTART
ISN 0112            YDIM(JN)=2.*YMAX
ISN 0113            AREA(JN)=SQMI
ISN 0114            SUM=SUM+AREA(JN)
ISN 0115            CMAX(JN)=CHIMAX
ISN 0116            DIST(JN)=DCM
                C
ISN 0117        100 CONTINUE
ISN 0118            IF(SUM.EQ.0.) GO TO 200
                C
ISN 0120            DO 80 JN=1,3
ISN 0121            IF(AREA(JN).EQ.0.) GO TO 85
ISN 0123            GO TO 80
ISN 0124         85 END(JN)=0.
ISN 0125            XDIM(JN)=0.
ISN 0126            CMAX(JN)=0.
ISN 0127            DLE(JN)=0.
ISN 0128            YDIM(JN)=0.
ISN 0129            DIST(JN)=0.
ISN 0130         80 CONTINUE
                C
ISN 0131            DO 90 JN=1,3
ISN 0132            HH(JN)=QUOT(1)
ISN 0133            IF(END(JN).GE.49.) GO TO 95
ISN 0135            GO TO 90
ISN 0136         95 AREA(JN)=(50.-DLE(JN))*YDIM(JN)
ISN 0137            XDIM(JN)=50.
ISN 0138            HH(JN)=QUOT(2)
ISN 0139         90 CONTINUE
                C
                C
ISN 0140            NQSO2=QSO2
ISN 0141            PRINT55,NQSO2,(AREA(JN),DLE(JN),HH(JN),XDIM(JN),YDIM(JN),CMAX(JN),
                   1DIST(JN),JN=1,3)
                C
ISN 0142        200 CONTINUE
ISN 0143        300 CONTINUE
ISN 0144        400 CONTINUE
ISN 0145        500 CONTINUE
ISN 0146        600 CONTINUE
ISN 0147         50 FORMAT(4X,'QSO2 ', 3X, 'AREA  DLE   LGTH  WDTH  CHIMAX  DCM',
                   1  2(7X,'AREA  DLE   LGTH  WDTH  CHIMAX  DCM'))
ISN 0148         51 FORMAT(3X,'LB/HR ',  2X,'SQ MI   MI     MI     MI     PPM      MI',
                   12(6X,'SQ MI    MI     MI     MI     PPM      MI'))//)
ISN 0149         52 FORMAT(11X,'-------ISOPLETH LEVEL=.01 PPM-------',6X,'-------ISOPL
                   1ETH LEVEL=.10 PPM-------',6X,'-------ISOPLETH LEVEL=.20 PPM-------
                   2')
ISN 0150         53 FORMAT(1H1,//,63X,I6,/,47X,'MIXING HEIGHT...............',F8.1,
                   1' FT',/,
                   147X,'WIND SPEED..................',2X,F5.1,' MPH',/,
                   247X,'EFFECTIVE STACK HEIGHT......',F8.1,' FT',/,
                   347X,'STABILITY CLASS.............  ',A8,A2,////)
ISN 0151         54 FORMAT(5(/),63X,I6,/,47X,'MIXING HEIGHT...............',F8.1,' FT'
                   1,/,
                   147X,'WIND SPEED..................',2X,F5.1,' MPH',/,
                   247X,'EFFECTIVE STACK HEIGHT......',F8.1,' FT',/,
                   347X,'STABILITY CLASS.............  ',A8,A2,////)
ISN 0152         55 FORMAT(  I8,1X,  F7.1,F6.1,1X,A1,F4.1,F6.1,F7.2,F6.1,
                   1 2(4X,F7.1,F6.1,1X,A1,F4.1,F6.1,F7.2,F6.1))
ISN 0153            END
```

MAIN PROGRAM FOR FOOTPRINT CODE

```
LEVEL 16 ( 1 JULY 68)                    OS/360   FORTRAN H                                  DATE  69.181/11.13.46

          COMPILER OPTIONS - NAME=  MAIN,OPT=00,LINECNT=57,SOURCE,EBCDIC,NOLIST,NODECK,LOAD,MAP,NOEDIT,ID,NOXREF
 ISN 0002          REAL TITLE(20),G(48)
                C
 ISN 0003          COMMON/MET/ WS,WD,COV,CEIL,HMIX,J
 ISN 0004          COMMON/KERNEL /X,Y,Z
 ISN 0005          COMMON/STACK/ H,DELH,DIA,VEL,QCOAL,QHEAT,QSO2,SULFER
                C
 ISN 0006        - DATA STOP/'STOP'/,BETA/.2/
                C
 ISN 0007        5 CONTINUE
 ISN 0008          READ 10,TITLE
 ISN 0009       10 FORMAT(20A4)
 ISN 0010          IF(TITLE(1).EQ.STOP)STOP
 ISN 0012          PRINT 20,TITLE
 ISN 0013       20 FORMAT(1H120A4)
 ISN 0014          READ 30,NYEAR,MONTH,NDAY,NHOUR
 ISN 0015       30 FORMAT(5I10)
 ISN 0016          PRINT 40,NYEAR,MONTH,NDAY,NHOUR
 ISN 0017       40 FORMAT('0DATE: 'I2,'/'I2,'/'I2/
                  1' TIME: 'I2)
 ISN 0018          READ 50,     WS,WD,COV,CEIL,HMIX
 ISN 0019          CALL STAB(MONTH,NDAY,NHOUR,COV,CEIL,WS,J)
 ISN 0020          J=5
 ISN 0021          PRINT 80,     WS,WD,COV,CEIL,HMIX,J
 ISN 0022       80 FORMAT('OMET PARAMTERS'/
                  2' WIND SPEED='F10.3/
                  3' WIND DIRECTION='F10.3/
                  4' CLOUD COVER='F10.3/
                  5' CEILING='F10.3/
                  6' MIXING HEIGHT='F10.3/
                  7' TURNER STABILITY CLASS='I10)
 ISN 0023          READ 50,XS,YS,H,DIA,VEL,QCOAL,SULFER
 ISN 0024       50 FORMAT(8E10.0)
 ISN 0025          QHEAT=20C.*QCOAL*BETA
 ISN 0026          QSO2=36.8*SULFER*QCOAL
 ISN 0027          CALL PRISE
 ISN 0028          PRINT 60,XS,YS,H,DELH,DIA,VEL,QCOAL,SULFER,QHEAT,QSO2
 ISN 0029       60 FORMAT('OSOURCE INFORMATION'/
                  1' COORDINATES: X='F10.3,' Y='F10.3/
                  2' STACK HEIGHT='F10.3,' PLUME RISE='F10.3/
                  3' STACK DIAMETER='F10.3,' STACK VELOCITY='F10.3/
                  4' HOURLY CCAL USAGE='F10.3,' PERCENT SULPHER='F10.3/
                  5' HEAT EMISSION='F10.3,' SO2 EMISSION='F10.3)
 ISN 0030          DELH=AMIN1(DELH,HMIX-H)
 ISN 0031          READ 50,DX,DY,Z,PISO
 ISN 0032          PRINT 70,DX,DY,Z,PISO
 ISN 0033       70 FORMAT('OX - Y ISOPLETH INFORMATION'/
                  1' DX='F10.3,' DY='F10.3,' Z='F10.3,' ISOPLETH LEVEL='F10.3)
 ISN 0034          IF(WS.GT.5.) GO TO 100
 ISN 0036          CALL XYISO(DX,DY,Z,PISO)
 ISN 0037          GO TO 101
 ISN 0038      10C CALL XYAREA(DX,DY,Z,PISC,CHIMAX,DCM)
 ISN 0039      1C1 CONTINUE
 ISN 0040          GO TO 5
 ISN 0041          END
```

```
LEVEL 16 ( 1 JULY 68)                    OS/360   FORTRAN H                                  DATE  69.181/11.13.53

          COMPILER OPTICNS - NAME=  MAIN,OPT=00,LINECNT=57,SOURCE,EBCDIC,NOLIST,NODECK,LOAD,MAP,NOEDIT,ID,NOXREF
 ISN 0002          SUBROUTINE PRISE
                C
 ISN 0003          REAL A(7)
                C
 ISN 0004          COMMON/MET/ WS,WD,COV,CEIL,HMIX,J
 ISN 0005          COMMON/STACK/ H,DELH,DIA,VEL,QCOAL,QHEAT,QSO2,SULFER
                C
 ISN 0006          DATA A/2.65,2.65,2.65,1.08,.68,.68,.68/
                C
 ISN 0007          WSMPS=WS*1609.3/3600.
 ISN 0008          QKCS=QHEAT*1.E5*.252/3600.
 ISN 0009          DIAM=DIA*.3048
 ISN 0010          VELMPS=VEL*.3048
 ISN 0011          DELH=(A(J)*(                    5.35*SQRT(QKCS))/WSMPS)*3.281
                C  DELH=(A(J)*(-.029*VELMPS*DIAM+5.35*SQRT(QKCS))/WSMPS)*3.281
 ISN 0012          RETURN
 ISN 0013          END
```

```
          COMPILER OPTIONS - NAME=  MAIN,OPT=00,LINECNT=57,SOURCE,EBCDIC,NOLIST,NODECK,LOAD,MAP,NOEDIT,ID,NOXREF
 ISN 0002              SUBROUTINE XYAREA(DELX,DELY,ZZ,PISO,CHIMAX,DIST)
                 C
 ISN 0003              DIMENSION YY(21),CHI(21)
                 C
 ISN 0004              COMMON/KERNEL /X,Y,Z
 ISN 0005              COMMON/STACK/ H,DELH,DIA,VEL,QCOAL,QHEAT,QSO2,SULFER
 ISN 0006              COMMON/MET/ WS,WD,COV,CEIL,HMIX,JSTAB
                 C
 ISN 0007              COMMON/DIMS/XSTART,XSTOP,YMAX,SQMI
                 C
 ISN 0008              Z=ZZ
 ISN 0009              XSTART=0.
 ISN 0010              XSTOP=0.
 ISN 0011              CHIMAX=0.
 ISN 0012              YMAX=0.
 ISN 0013              SQMI=0.
 ISN 0014              YY(1)=0.
 ISN 0015              DO 20 J=2,21
 ISN 0016              YY(J)=YY(J-1)+DELY
 ISN 0017           20 CONTINUE
                 C     PRINT 30,(YY(J),J=1,21)
 ISN 0018           30 FORMAT('0X / Y'21F5.2)
 ISN 0019              X=0.
 ISN 0020              DO 80 I=1,101
 ISN 0021              X=X+DELX
 ISN 0022              NY=0
 ISN 0023              DO 40 J=1,21
 ISN 0024              Y=YY(J)
 ISN 0025               T=X/WS
                 C    SIGMAS ARE BASED ON DOWNWIND DISTANCE T IS A DUMMY
 ISN 0026              CHI(J)=QSO2*TRANSS( T)*.38122E-4
 ISN 0027              IF(CHI(J).LT.PISO)GO TO 50
 ISN 0029              NY=NY+1
 ISN 0030           40 CONTINUE
 ISN 0031           50 CONTINUE
 ISN 0032              IF(NY.EQ.0)GO TO 70
 ISN 0034              IF(XSTART.EQ.0.)XSTART=X
 ISN 0036              YMAX=AMAX1(YMAX,YY(NY))
 ISN 0037              IF(CHI(1)-CHIMAX)10,11,11
 ISN 0038           11 CHIMAX=CHI(1)
 ISN 0039              DIST=X
 ISN 0040           10 CONTINUE
                 C     PRINT 60,X,(CHI(J),J=1,NY)
 ISN 0041           60 FORMAT(1F6.2,21F5.2)
 ISN 0042              SQMI=SQMI+(2*NY-1)*DELX*DELY
 ISN 0043              GO TO 80
 ISN 0044           70 CONTINUE
                 C     PRINT 60,X
 ISN 0045              IF(XSTART.EQ.0.)GO TO 80
 ISN 0047              XSTOP=X-DELX
 ISN 0048              GO TO 85
 ISN 0049           80 CONTINUE
 ISN 0050              IF(XSTOP.EQ.0.)XSTOP=X
 ISN 0052           85 CONTINUE
 ISN 0053          100 FORMAT(//,10X,'CHIMAX,DCM = ',2F7.3)
 ISN 0054           90 FORMAT('OSQUARE MILE AREA='F10.3/
                     1'OXSTART='F10.2,' XSTOP='F10.2,' YMAX='F10.2)
 ISN 0055              YMAX=YMAX+DELY*.5
 ISN 0056              XSTOP=XSTOP+DELX*.5
 ISN 0057              IF(XSTART.EQ.0.) XSTART=DELX*.5
 ISN 0059               XSTART=XSTART-DELX*.5
                 C     PRINT 90,SQMI,XSTART,XSTOP,YMAX
                 C     PRINT 100  CHIMAX,DIST
 ISN 0060              RETURN
 ISN 0061              END
```

```
          COMPILER OPTIONS - NAME=  MAIN,OPT=00,LINECNT=57,SOURCE,EBCDIC,NOLIST,NODECK,LOAD,MAP,NOEDIT,ID,NOXREF
ISN 0002            SUBROUTINE XYISO(DELX,DELY,ZZ,PISO,CHIMAX,DIST)
                C
ISN 0003            DIMENSION YY(21),CHI(21)
                C
ISN 0004            COMMON/DIMS/XSTART,XSTOP,YMAX,SQMI
ISN 0005            COMMON/KERNEL /X,Y,Z
ISN 0006            COMMON/STACK/ H,DELH,DIA,VEL,QCOAL,QHEAT,QSO2,SULFER
ISN 0007            COMMON/METI/ WS,WD,COV,CEIL,HMIX,JSTAB
ISN 0008            COMMON/CUTOFF/ NLOW,NHIGH
                C
ISN 0009            DATA NCUT/1/,NHOURS/4/
                C
ISN 0010            Z=ZZ
ISN 0011            XSTART=0.
ISN 0012            CHIMAX=0.
ISN 0013            XSTOP=0.
ISN 0014            YMAX=0.
ISN 0015            SQMI=0.
ISN 0016            YY(1)=0.
ISN 0017            DO 20 J=2,21
ISN 0018            YY(J)=YY(J-1)+DELY
ISN 0019         20 CONTINUE
                C   PRINT 30,(YY(J),J=1,21)
ISN 0020         30 FORMAT('0X / Y'21F5.2)
ISN 0021            X=0.
ISN 0022            DO 80 I=1,101
ISN 0023            X=X+DELX
ISN 0024            NTMAX=X/WS
ISN 0025            NTWIDE=NCUT-NTMAX/NHOURS
ISN 0026            IF(NTWIDE.LT.0)NTWIDE=0
ISN 0028            NLOW=NTMAX-NTWIDE
ISN 0029            NHIGH=NTMAX+1+NTWIDE
ISN 0030            NY=0
ISN 0031            DO 40 J=1,21
ISN 0032            Y=YY(J)
ISN 0033            CHI(J)=QSO2*TRANSX( 8)*.38122E-4
ISN 0034            IF(CHI(J).LT.PISO)GO TO 50
ISN 0036            NY=NY+1
ISN 0037         40 CONTINUE
ISN 0038         50 CONTINUE
ISN 0039            IF(NY.EQ.0)GO TO 70
ISN 0041            IF(XSTART.EQ.0.)XSTART=X
ISN 0043            YMAX=AMAX1(YMAX,YY(NY))
ISN 0044            IF(CHI(1)-CHIMAX)10,11,11
ISN 0045         11 CHIMAX=CHI(1)
ISN 0046            DIST=X
ISN 0047         10 CONTINUE
                C   PRINT 60,X,(CHI(J),J=1,NY)
ISN 0048         60 FORMAT(1F6.2,21F5.2)
ISN 0049            SQMI=SQMI+(2*NY-1)*DELX*DELY
ISN 0050            GO TO 80
ISN 0051         70 CONTINUE
                C   PRINT 60,X
ISN 0052            IF(XSTART.EQ.0.)GO TO 80
ISN 0054            XSTOP=X-DELX
ISN 0055            GO TO 85
ISN 0056         80 CONTINUE
ISN 0057            IF(XSTOP.EQ.0.)XSTOP=X
ISN 0059         85 CONTINUE
ISN 0060        100 FORMAT(//,10X,'CHIMAX,DCM = ',2F7.3)
ISN 0061         90 FORMAT('0SQUARE MILE AREA='F10.3/
                  1'0XSTART='F10.2,' XSTOP='F10.2,' YMAX='F10.2)
ISN 0062            YMAX=YMAX+DELY*.5
ISN 0063            XSTOP=XSTOP+DELX*.5
ISN 0064            IF(XSTART.EQ.0.) XSTART=DELX*.5
ISN 0066             XSTART=XSTART-DELX*.5
                C   PRINT 90,SQMI,XSTART,XSTOP,YMAX
                C   PRINT 100  CHIMAX,DIST
ISN 0067            RETURN
ISN 0068            END
```

```
          COMPILER OPTIONS - NAME=  MAIN,OPT=00,LINECNT=57,SOURCE,EBCDIC,NOLIST,NODECK,LOAD,MAP,NOEDIT,ID,NOXREF
 ISN 0002          SUBROUTINESTAB(MO,NDAY,NHR,COV,CEIL,WS,NCLASS)
                 C CALCULATES TURNER STABILITY CLASSIFICATION FOR
                 C EACH HOUR.
                 C IDENTIFIES SUNRISE AND SUNSET AND
                 C TWO HOURS EITHER SIDE.
                 C CLASSES ARE 1 THROUGH 5, 81 THROUGH 85
                 C FOR TWO HOURS BEFORE SUNRISE, 91 THROUGH 95,
                 C 101 THROUGH 105 FOR SUNRISE HOUR,
                 C 111 THROUGH 115, 121 THROUGH 125,
                 C 181 THROUGH 185 FOR 2 HRS BEFORE SUNSET,
                 C 191 THROUGH 195, 201-205,211-215,
                 C AND 221-225.
                 C
                 C
 ISN 0003          CEIL=100.*CEIL
                 C CALCULATE JULIAN DAY
 ISN 0004          J=30.42*(MC-1)+NDAY
                 C CALC. DECLINATION OF SUN IN DEGREES
 ISN 0005          DECL=23.27*SIN( .0172 *(J-80))
                 C CALC. SUNRISE AND SUNSET HOURS
                 C
 ISN 0006          IF(DECL.GE.20.)GOTO11
 ISN 0008          IF(DECL.GE.0.)GOTO12
 ISN 0010          IF(DECL.GE.-15.)GOTO13
 ISN 0012          GOTO14
 ISN 0013       11 NSR=4
 ISN 0014          NSS=19
 ISN 0015          GOTO20
 ISN 0016       12 NSR=5
 ISN 0017          NSS=18
 ISN 0018          GOTO20
 ISN 0019       13 NSR=6
 ISN 0020          NSS=17
 ISN 0021          GOTO20
 ISN 0022       14 NSR=7
 ISN 0023          NSS=16
 ISN 0024       20 CONTINUE
 ISN 0025          KRISE=3
 ISN 0026          KSET=3
 ISN 0027        ' IF(NHR.GT.(NSR+2).AND.NHR.LT.(NSS-2))GOTO200
 ISN 0029          IF(NHR.LT.(NSR-2).OR.NHR.GT.(NSS+2))GOTO100
 ISN 0031          IF(NHR.GT.12)GOTO40
 ISN 0033          KRISE=NHR-NSR
 ISN 0034          GOTO50
 ISN 0035       40 KSET=NHR-NSS
 ISN 0036       50 CONTINUE
 ISN 0037          IF(NHR.GT.NSR.AND.NHR.LT.NSS)GOTO200
                 C NIGHT TIME
 ISN 0039      100 IF(COV.GE..95.AND.CEIL.LE.7000.)GOTO110
 ISN 0041          IF(COV.LE..4)GOTO120
 ISN 0043          NRAD=-1
 ISN 0044          GOTO300
 ISN 0045      110 NRAD=0
 ISN 0046          GOTO300
 ISN 0047      120 NRAD=-2
 ISN 0048          GOTO300
                 C DAYTIME
                 C
```

```
ISN 0049        200 NSUN=IABS(12-NHR)
ISN 0050            IF(COV.GE..95.AND.CEIL.LT.7000.)GOTO290
                C
                C   CALC.ANGLE OF SUN IN DEGREES
ISN 0052            DECL=DECL*.01745
ISN 0053            HRANG=NSUN*.2654
ISN 0054            ALP=57.29*ARSIN(.670*SIN(DECL)+.743*COS(DECL)*COS(HRANG))
                C
                C   TURNERS TABLE A-2
                C
ISN 0055            IF(ALP.GT.60.)GOTO211
ISN 0057            IF(ALP.GT.35.)GOTO212
ISN 0059            IF(ALP.GT.15.)GOTO213
                C
ISN 0061            NRAD=1
ISN 0062            GOTO220
ISN 0063        211 NRAD=4
ISN 0064            GOTO220
ISN 0065        212 NRAD=3
ISN 0066            GOTO220
ISN 0067        213 NRAD=2
ISN 0068        220 IF(COV.LT..51)GOTO300
ISN 0070            IF(CEIL.LT.7000.)NRAD=NRAD-2
ISN 0072            IF(CEIL.GE.7000..AND.CEIL.LT.16000.)
                   1NRAD=NRAD-1
ISN 0074            IF(COV.GT..99)NRAD=NRAD-1
ISN 0076            IF(NRAD.LT.1)NRAD=1
ISN 0078            GOTO300
ISN 0079        290 NRAD=0
                C
ISN 0080        300 CONTINUE
ISN 0081            CEIL=.01*CEIL
                C   TURNERS TABLE A-1
ISN 0082            NCLASS=4
ISN 0083            NR=NRAD+3
ISN 0084            GOTO(310,320,330,340,350,360,370),NR
ISN 0085        310 IF(WS.LE.10.5)NCLASS=5
ISN 0087            GOTO380
ISN 0088        320 IF(WS.LE.6.5)NCLASS=5
ISN 0090        330 GOTO380
ISN 0091        340 IF(WS.LE.3.5)NCLASS=3
ISN 0093            GOTO380
ISN 0094        350 NCLASS=3
ISN 0095            IF(WS.LE.3.5)NCLASS=2
ISN 0097            IF(WS.GE.9.5)NCLASS=4
ISN 0099            GOTO380
ISN 0100        360 IF(WS.LE.7.5)GOTO362
ISN 0102            NCLASS=3
ISN 0103            IF(WS.GE.11.5)NCLASS=4
ISN 0105            GOTO380
ISN 0106        362 NCLASS=2
ISN 0107            IF(WS.LE.1.5)NCLASS=1
ISN 0109            GOTO380
ISN 0110        370 NCLASS=2
ISN 0111            IF(WS.LE.5.5)NCLASS=1
ISN 0113            IF(WS.GE.9.5)NCLASS=3
ISN 0115            GOTO380
ISN 0116        380 CONTINUE
ISN 0117            RETURN
ISN 0118            END
```

```
          COMPILER OPTIONS - NAME=  MAIN,OPT=00,LINECNT=57,SOURCE,EBCDIC,NOLIST,NODECK,LOAD,MAP,NOEDIT,ID,NOXREF
  ISN 0002            FUNCTION TRANSX(M)
              C
  ISN 0003            SUM=0.
  ISN 0004            DO 10 N=1,M
  ISN 0005            ADD=TRAN(N)
  ISN 0006            SUM=SUM+ADD
              C       IF(ADD.LT..0001*SUM)GO TO 20
  ISN 0007         10 CONTINUE
  ISN 0008         20 CONTINUE
  ISN 0009            TRANSX=SUM
  ISN 0010            RETURN
  ISN 0011            END
```



```
          COMPILER OPTIONS - NAME=  MAIN,OPT=00,LINECNT=57,SOURCE,EBCDIC,NOLIST,NODECK,LOAD,MAP,NOEDIT,ID,NOXREF
  ISN 0002            FUNCTION TRAN(N)
              C
              C       CUTOFF ON N
              C       GROUND LEVEL CONCENTRATIONS ONLY
              C
  ISN 0003            COMMON/KERNEL /X,Y,Z
  ISN 0004            COMMON/MET/ WS,WD,COV,CEIL,HMIX,J
  ISN 0005            COMMON/STACK/ H,DELH,DIA,VEL,QCOAL,QHEAT,QSO2,SULFER
  ISN 0006            COMMON/CUTOFF/ NLOW,NHIGH
              C
  ISN 0007            EXTERNAL KERN
              C
  ISN 0008            A=N-1
  ISN 0009            B=N
  ISN 0010            ZKEEP=Z
  ISN 0011            Z=(H+DELH)/5280.-ZKEEP
  ISN 0012            IF(N.LT.NLOW.OR.N.GT.NHIGH)GO TO 10
  ISN 0014            CALL INTEG1(KERN,A,B,.05,1.,.1,ADD1)
  ISN 0015            GO TO 20
  ISN 0016         10 CONTINUE
  ISN 0017            CALL KERN(N-.5,ADD1)
  ISN 0018         20 CONTINUE
  ISN 0019            ADD2=ADD1
  ISN 0020            Z=(HMIX+HMIX-(H+DELH))/5280.-ZKEEP
  ISN 0021            IF(N.LT.NLOW.OR.N.GT.NHIGH)GO TO 30
  ISN 0023            CALL INTEG1(KERN,A,B,.05,1.,.1,ADD3)
  ISN 0024            GO TO 40
  ISN 0025         30 CONTINUE
  ISN 0026            CALL KERN(N-.5,ADD3)
  ISN 0027         40 CONTINUE
  ISN 0028            TRAN=ADD1+ADD2+ADD3
  ISN 0029            Z=ZKEEP
  ISN 0030            RETURN
  ISN 0031            END
```

```
          COMPILER OPTIONS - NAME=  MAIN,OPT=00,LINECNT=57,SOURCE,EBCDIC,NOLIST,NODECK,LOAD,MAP,NOEDIT,ID,NOXREF
 ISN 0002            SUBROUTINE INTEG1(FFUNC,XL,XU,DXINT,AMAG,EPS,VALU)
                 C
                 C      THIS PROGRAM HAS BEEN TRANSLATED FOR THE      360/50
                 C      WITH RELEASE 1-A OF THE MOD-50 TRANSDECK
                 C                                                          JDB
                 C
                 C      ROUTINE TO EVALUATE INTEGRAL OF F(X) BETWEEN
                 C      THE LIMITS XL AND XU BY VARIABLE SIMPSONS
                 C      RULE.
                 C
 ISN 0003            VALU=0.
 ISN 0004            XZERO=XL
 ISN 0005            DX=DXINT
 ISN 0006            CALL FFUNC(XZERO,FZERO)
 ISN 0007         10 CONTINUE
 ISN 0008            IF(XU-(XZERO+4.*DX))20,30,30
 ISN 0009         20 CONTINUE
 ISN 0010            DX=(XU-XZERO)/4.
 ISN 0011         30 CONTINUE
 ISN 0012            CALL FFUNC(XZERO+DX,F1)
 ISN 0013            CALL FFUNC(XZERO+2.*DX,F2)
 ISN 0014            CALL FFUNC(XZERO+3.*DX,F3)
 ISN 0015            CALL FFUNC(XZERO+4.*DX,F4)
 ISN 0016            S1=2.*DX*(FZERO+4.*F2+F4)/3.
 ISN 0017            S2=DX*(FZERO+4.*F1+2.*F2+4.*F3+F4)/3.
 ISN 0018            RATIO=ABS (S2-S1)/(AMAX1(ABS (S2),AMAG*1.E-4)*EPS)
 ISN 0019            IF(RATIO-1.)60,40,40
 ISN 0020         40 CONTINUE
                 C
                 C      CYCLE REJECTED. REDUCE DX AND TRY AGAIN
                 C
 ISN 0021            DX=DX/1.5
 ISN 0022            GOTO30
 ISN 0023         60 CONTINUE
                 C
                 C      CYCLE ACCEPTED.
                 C
 ISN 0024            ADD=S2+(S2-S1)/15.
 ISN 0025            VALU=VALU+ADD
 ISN 0026            XZERO=XZERO+4.*DX
 ISN 0027            FZERO=F4
 ISN 0028            IF(XZERO-XU)80,70,70
 ISN 0029         70 CONTINUE
 ISN 0030            RETURN
 ISN 0031         80 CONTINUE
 ISN 0032            IF(RATIO-.5)100,90,90
 ISN 0033         90 CONTINUE
 ISN 0034            DX=DX/1.5
 ISN 0035            GOTO10
 ISN 0036        100 CONTINUE
 ISN 0037            IF(RATIO-.01)110,10,10
 ISN 0038        110 DX=DX*1.5
 ISN 0039            GOTO10
```



```
          COMPILER OPTIONS - NAME=  MAIN,OPT=00,LINECNT=57,SOURCE,EBCDIC,NOLIST,NODECK,LOAD,MAP,NOEDIT,ID,NOXREF
 ISN 0002            SUBROUTINE KERN(T,FT)
                 C
 ISN 0003            COMMON/KERNEL /X,Y,Z
 ISN 0004            COMMON/MET/ WS,WD,COV,CEIL,HMIX,J
                 C
 ISN 0005            DATA COEF/15.748/
                 C
 ISN 0006            IF(T.EQ.0.)GO TO 10
 ISN 0008            SY=SIGY(X,J)
 ISN 0009            SX=SY
 ISN 0010            SZ=SIGZ(X,J)
 ISN 0011            T1=(X-WS*T)/SX
 ISN 0012            T2=Y/SY
 ISN 0013            T3=Z/SZ
 ISN 0014            EXPON=-(T1*T1+T2*T2+T3*T3)*.5
 ISN 0015            IF(ABS(EXPON).GT.20)GO TO 10
 ISN 0017            TOP=EXP(EXPON)
 ISN 0018            BOT=COEF*SX*SY*SZ
 ISN 0019            FT=TOP/BOT
 ISN 0020            RETURN
 ISN 0021         10 CONTINUE
 ISN 0022            FT=0.
 ISN 0023            RETURN
 ISN 0024            END
```

```
          COMPILER OPTIONS - NAME=  MAIN,OPT=00,LINECNT=57,SOURCE,EBCDIC,NOLIST,NODECK,LOAD,MAP,NOEDIT,ID,NOXREF
ISN 0002            FUNCTION TRANSS(T)
                C   GROUND LEVEL CONCENTRATIONS ONLY
                C  CONSIDERS REFLECTION FROM GROUND AND LID
                C
ISN 0003            COMMON/KERNEL /X,Y,Z
ISN 0004            COMMON/STACK/ H,DELH,DIA,VEL,QCOAL,QHEAT,QSO2,SULFER
ISN 0005            COMMON/MET/ WS,WD,COV,CEIL,HMIX,J
                C
ISN 0006            ZKEEP=Z
ISN 0007            EFFHGT=H+DELH
ISN 0008            IF(EFFHGT.GT.HMIX) DELH=HMIX-H
ISN 0010            Z=(H+DELH)/5280.-ZKEEP
ISN 0011             TRANSA=2.*TPLUME(T)
ISN 0012            Z=(2.*HMIX-(H+DELH))/5280.-ZKEEP
ISN 0013            TRANSB=TPLUME(T)
ISN 0014            TRANSS=TRANSA+TRANSB
ISN 0015            Z=ZKEEP
ISN 0016            RETURN
ISN 0017            END
```



```
          COMPILER OPTIONS - NAME=  MAIN,OPT=00,LINECNT=57,SOURCE,EBCDIC,NOLIST,NODECK,LOAD,MAP,NOEDIT,ID,NOXREF
ISN 0002            FUNCTION TPLUME(T)
                C
ISN 0003            COMMON/KERNEL /X,Y,Z
ISN 0004            COMMON/MET/ WS,WD,COV,CEIL,HMIX,J
                C
ISN 0005            DATA COEF/6.284/
                C
ISN 0006            SY=SIGY(X,J)
ISN 0007            SZ=SIGZ(X,J)
ISN 0008            T1=0.
ISN 0009            T2=Y/SY
ISN 0010            T3=Z/SZ
ISN 0011            EXPON=-(T1*T1+T2*T2+T3*T3)*.5
ISN 0012            IF(ABS(EXPON).GT.20)GO TO 2
ISN 0014            TOP=EXP(EXPON)
ISN 0015            BOT=COEF*WS*SY*SZ
ISN 0016            FT=TOP/BOT
ISN 0017            GO TO 5
ISN 0018          2 CONTINUE
ISN 0019            FT=0.
ISN 0020          5 CONTINUE
ISN 0021            TPLUME=FT
ISN 0022            RETURN
ISN 0023            END
```



```
          COMPILER OPTIONS - NAME=  MAIN,OPT=00,LINECNT=57,SOURCE,EBCDIC,NOLIST,NODECK,LOAD,MAP,NOEDIT,ID,NOXREF
ISN 0002            FUNCTIONSIGY(X,J)
                C     DISPERSION COEFFICIENTS BASED ON TURNER WORKBOOK.
                C     J=1,2,3,4,5 ARE CLASSES B,C,D,E,F
                C     X AND SIGX ARE IN MILES
ISN 0003            DIMENSION A(5),B(5)
ISN 0004            DATA A/155.,100.,68.,50.,34./,   B/.91,.92,.93,.90,.93/
ISN 0005            XX=X*1.609
ISN 0006            SIGY=A(J)*XX**B(J)
ISN 0007            SIGY=SIGY*.000889
                C     .000889=(1/1609.)*(6**.2)
                C     WHERE THE SIGMAS GIVEN IN THE WORKBOOK FOR
                C     TEN MINUTE SAMPLINGS ARE SCALED TO 1 HOUR
                C     AVERAGES BY A FACTOR OF 1.43
ISN 0008            RETURN
ISN 0009            END
```



```
          COMPILER OPTIONS - NAME=  MAIN,OPT=00,LINECNT=57,SOURCE,EBCDIC,NOLIST,NODECK,LOAD,MAP,NOEDIT,ID,NOXREF
ISN 0002            FUNCTION SIGZ(X,J)
                C     DISPERSION COEF. BASED ON TURNERS WORKBOOK
                C     J=1,2,3,4,5 ARE CLASSES B,C,D,E,F
                C     X AND SIGZ ARE IN MILES
ISN 0003            DIMENSION A(3,5),B(3,5)
ISN 0004            DATA A/110.,110.,110.,60.,60.,60.,33.,33.,40.,21.5,21.5,36.,14.,
                   114.,23.5/
ISN 0005            DATA B/1.,1.09,1.09,.92,.92,.92,.80,.61,.53,.77,.56,.35,.78,.53,
                   1.30/
                C     A(I,J),B(I,J).I=1,2,3 FOR X IN (0,1.),(1.,10.),(10.,100.)
ISN 0006            XX=X*1.609
ISN 0007            I=1
ISN 0008            IF(XX.GT.1.)I=2
ISN 0010            IF(XX.GT.10.) I=3
ISN 0012            SIGZ=(A(I,J)*XX**B(I,J))*.000889
                C     .000889=(1//1609)*(60/10)**.2
ISN 0013            RETURN
ISN 0014            END
```

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