



Florida Gas Transmission Company

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December 1, 1999

Mr. Ed Middleswart
Air Administrator
Northwest District
Florida Department of Environmental Protection
160 Governmental Center
Pensacola, Florida 32501-5794

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DEC 03 1999

BUREAU OF AIR REGULATION

Reference: Facility: 1130037
Compressor Station No. 12, Santa Rosa County

Dear Mr. Middleswart:

Subject: Application for Air Construction Permit

Florida Gas Transmission Company (FGT) is proposing to install a new Solar Mars 90 compressor turbine at the above referenced facility. The facility is a major source under New Source Review definitions; however, the proposed modifications do not result in emissions that are significant under Prevention of Significant Deterioration requirements. Therefore, a state only construction permit is required.

Enclosed is an Application for an Air Construction Permit for the proposed modifications. FGT understands that no processing fee is required since this facility is operated under a Part 70 Permit.

If you have any questions or need additional information, please call me at (407) 838-7119.

Sincerely,

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Senior Environmental Engineer

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Project file

ENV2229

Florida Gas Transmission Company

Phase IV Expansion Project

Compressor Station No. 12

**APPLICATION
For
AIR CONSTRUCTION
PERMIT**

Narrative and Attachments A - E

November 1999

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1.0 INTRODUCTION

Florida Gas Transmission Company (FGT), a Delaware Corporation and ENRON/SONAT affiliate of Houston, Texas, is proposing to expand its existing natural gas pipeline facility near Munson in Santa Rosa County, Florida (Compressor Station No.12). This proposed modification is part of FGT's Phase IV expansion project, aimed at increasing the supply capacity of FGT's network servicing domestic, commercial, and industrial customers in Florida. The scope of work for the Phase IV project includes expansion through the addition of state-of-the-art compressor engines at four existing compressor stations and the development of one new compressor station. The basic project components include:

- Mainline loops, additions, and replacements;
- Lateral loops and additions;
- Meter station additions, modifications, and expansions;
- Regulator additions, modifications, and expansions; and
- Compressor station additions and modifications.

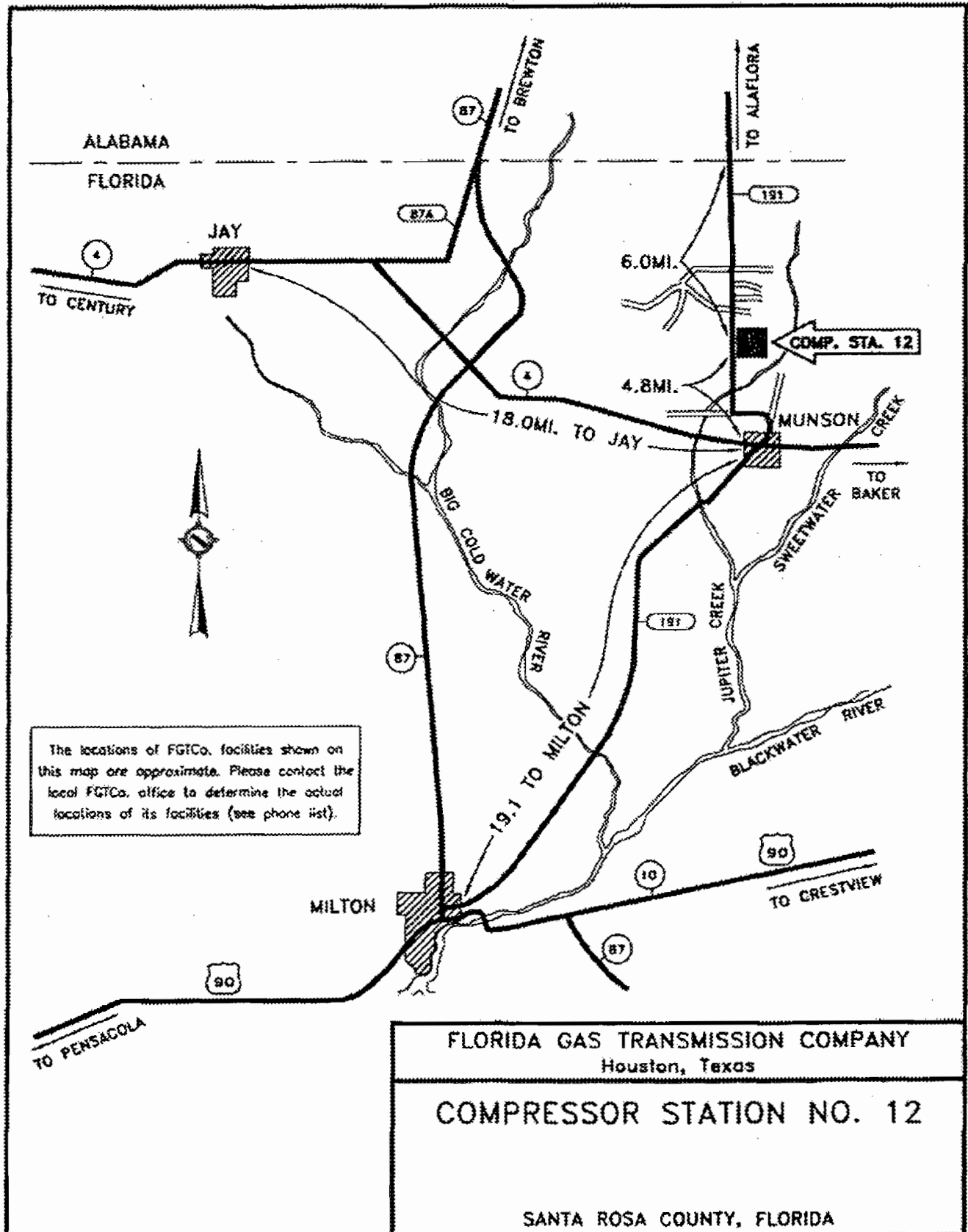
Compressor Station No. 12 is located in Santa Rosa County, Florida, north of Munson on Highway 191, approximately 5 miles north of Highway 4. Figure 1-1 shows the location of the existing compressor station.

The proposed expansion at this location consists of the addition of one 10,350 (ISO) brake horsepower (bhp), natural-gas-fired, turbine compressor engine and the replacement of two existing 200 bhp gas fired emergency generators with a single 637 bhp natural gas fired emergency generator. The proposed compressor engine will be used solely for transporting natural gas by pipeline for distribution to markets in Florida. The proposed engine is a Solar Mars 90-T13002S equipped with dry low NO_x (oxides of nitrogen) combustion and derated to 10,350 bhp. Under current federal and state air quality regulations, the proposed modification will constitute a minor modification at an existing major stationary source. Based on the projected annual emission rates, there will be no PSD significant increase in any emissions.

Engineering designs for the proposed expansion project include selection of an engine incorporating dry low NO_x combustion technology. Dry low NO_x technology for control of NO_x emissions would represent Best Available Control Technology (BACT) for the proposed turbine engine under PSD requirements.

This application contains four additional sections. Descriptions of the existing operation at FGT's Compressor Station No.12 and the proposed 10,350 (ISO) bhp engine addition and the

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emergency generator replacement are presented in Section 2.0. The air quality review requirements and applicability of state and federal regulations are discussed in Section 3.0. The methodology and results of the air dispersion modeling and air quality impact analysis are presented in Section 4.0. References are included in Section 5.0.

FDEP permit application forms are presented in Attachment A. Attachment B contains a plot plan of the facility. Attachment C contains vendor information, Attachment D contains emission calculations and Attachment E contains the output from the air dispersion modeling.

2.0 PROJECT DESCRIPTION

A plot plan of FGT's Compressor Station No. 12, showing the location of the plant boundaries, the existing emission sources, and the location of the proposed engine addition, is presented in Attachment B. The following sections provide a description of the existing operations at this location, as well as a description of the proposed project.

2.1 Existing Operations

FGT's existing Compressor Station No. 12 consists of five 2,000 bhp and one 4,100 bhp natural-gas-fired reciprocating internal combustion (IC) engines. Table 2-1 summarizes engine manufacturer, model, and the date of installation for each of the existing engines. The original installation was made in the 1960's (Compressor Engines 1201 through 1205). These engines were installed before the CAA Amendments of 1977. An addition referred to as Phase II was constructed in 1991 (Compressor Engine 1206) and was subject to PSD review. These existing engines are not being modified as part of this expansion project.

The existing facility also has supporting equipment including lube oil storage tanks, air compressors and emergency generators.

2.2 Proposed Compressor Station Addition

FGT proposes to increase the horsepower capacity of Compressor Station No. 12, as part of the Phase IV project. This will be achieved by adding one new gas turbine driven natural gas compressor (Compressor Engine 1207). The proposed new engine will be used to increase the volumetric delivery capacity by driving a gas compressor that is a part of a gas transmission line that transports natural gas from source wells in Texas and Louisiana for delivery throughout Florida. Without the proposed engine, it would not be possible to increase the volumetric delivery capacity necessary to meet both short and long-term demands for natural gas in Florida.

2.2.1 Compressor Engine Addition

FGT proposes to install one natural gas-fired turbine engine compressor unit and associated support equipment at Compressor Station No. 12. The turbine engine will be a Solar Mars 90-T13002S engine compressor unit ISO rated at 10,350 bhp. Fuel will be exclusively natural gas from the FGT's natural gas pipeline. Engine specifications and stack parameters for the proposed engine are presented in Table 2-2.

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Table 2-1 Summary of Existing Compressor Engines at Station No. 12

Engine #	Date of Installation	Type	Manufacturer	Model #	Brake Horse Power (bhp)
1201	1958	Reciprocating	Cooper – Bessemer	LS-8-SG	2000
1202	1958	Reciprocating	Cooper – Bessemer	LS-8-SG	2000
1203	1958	Reciprocating	Cooper – Bessemer	LS-8-SG	2000
1204	1966	Reciprocating	Cooper – Bessemer	LS-8-SG	2000
1205	1968	Reciprocating	Cooper – Bessemer	LS-8-SG	2000
1206	1991	Reciprocating	Dresser - Rand	TCV-10	4100

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Table 2-2 Proposed Compressor Engine Specifications and Stack Parameters

Parameter	Design
Compressor Engine Type Manufacturer Model Unit Size Specific Heat Input Maximum Fuel Consumption ^a Speed	1207 Gas Turbine Solar Mars 90-T13002S 10,350 bhp ISO Rated 8,558 Btu/hp-hr 0.0852 MMscf/hr 10,800 rpm
Stack Parameters Stack Height Stack Diameter Stack Effective Diameter (D _e) Exhaust Gas Flow Exhaust Temperature Exhaust Gas Velocity	58 ft 7.5 ft x 8 ft (rectangular) 163,484 acfm 833 °F 45.41 ft/sec
<p>NOTE:</p> <p>acfm = actual cubic feet per minute. bhp = brake horsepower. Btu/bhp-hr = British thermal units per brake horsepower per hour. °F = degrees Fahrenheit. ft = feet. ft/sec = feet per second. MMscf/hr = million standard cubic feet per hour rpm = revolutions per minute.</p> <p>^a Based on heating value for natural gas of 1040 British thermal units per standard cubic foot (Btu/scf).</p>	

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Hourly and annual emissions of regulated pollutants from the proposed engine under normal operating conditions are presented in Table 2-3. Emissions of oxides of nitrogen (NO_x), carbon monoxide (CO) and non-methane hydrocarbons (NMHC) are based on the engine manufacturer's supplied data (See Attachment C).

Typically, turbine vendors do not provide information on particulate matter (PM) or sulfur dioxide (SO₂) emissions; therefore, particulate matter emissions are based upon USEPA publication AP-42 Table 1.4-2 (USEPA, 1995) and emissions of SO₂ are based on FGT's Federal Energy Regulatory Commission (FERC) certificate limit of 10 grains sulfur per 100 cubic feet of natural gas.

2.2.2 Support Equipment Additions and Changes

In addition to the compressor engines, some support equipment will be installed at the site. They include:

- A new compressor building
- A new control building
- One new, emergency generator to replace two existing gas-fired generators.

The location of new on-site structures is shown on the facility plot plan contained in Attachment B. The new compressor building, housing the Solar Mars turbine, has approximate dimensions of 40 feet wide by 78.5 feet long by 32 feet high. The new control building will be located east of the new compressor building. The approximate dimensions of the control building will be 11 feet wide by 40 feet long by 12 feet high. Due to the size of this building and its distance from the new exhaust stack, it will not influence compressor engine emissions.

The new generator will be powered by a natural gas fueled, lean burn Caterpillar Model 3412 rated at 637 bhp. Engine specifications and stack parameters for the proposed engine are presented in Table 2-4 and emissions are presented in Table 2-5.

2.2.3 Fugitive Emissions

Potential new emissions from Compressor Station No. 12 also include fugitive emissions from the new valves and flanges that will be in gas service. These fugitive emissions have been estimated using USEPA factors for components in gas service at oil and gas facilities (EPA

Table 2-3 Emissions from FGT's Proposed Compressor Engine

Pollutant	Emission Factor	Reference	Compressor Emissions	
			lb/hr	TPY
Nitrogen Oxides	8.80 lb/hr	Manufacturer Data	8.80	38.56
Carbon Monoxide	10.72 lb/hr	Manufacturer Data	10.72	46.95
Volatile Organic Compounds (non methane)	0.307 lb/hr	Manufacturer Data	0.31	1.34
Particulate Matter	5.0 lb/MMscf	AP-42, Table 1.4-2	0.47	2.05
Sulfur Dioxide	10 grains/100 scf	FERC Limit	2.68	11.72

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Table 2-4 Proposed Emergency Generator Engine Specifications and Stack Parameters

Parameter	Design
Compressor Engine Type Manufacturer Model Unit Size Specific Heat Input Speed	1207 Natural Gas, Lean Burn Reciprocating Caterpillar 3412 637 bhp 8424 Btu/hp-hr 1800 rpm
Stack Parameters Stack Height Stack Diameter Exhaust Gas Flow Exhaust Temperature Exhaust Gas Velocity	20 ft 0.67 ft 3,125 acfm 700 °F 149.19 ft/sec
NOTE: acfm = actual cubic feet per minute. bhp = brake horsepower. Btu/bhp-hr = British thermal units per brake horsepower per hour. °F = degrees Fahrenheit. ft = feet. ft/sec = feet per second. rpm = revolutions per minute.	

Table 2-5 Emissions from FGT's Proposed Generator Engine

Pollutant	Emission Factor	Reference	Generator Emissions*	
			lb/hr	TPY
Nitrogen Oxides	2 g/hp-hr	Manufacturer Data	2.80	0.70
Carbon Monoxide	2.25 lb/hr	Manufacturer Data	2.25	0.56
Volatile Organic Compounds (non methane)	0.93 lb/hr	Manufacturer Data	0.93	0.23
Particulate Matter	5.0 lb/MMscf	AP-42, Table 1.4-2	0.15	0.04
Sulfur Dioxide	10 grains/100 scf	FERC Limit	0.03	0.01

* based on 500 hours of operation per year

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publication EPA-453/R-95-017, November 1995, "Protocol for Equipment Leak Emission Estimates"). Table 2-6 lists the quantities of existing and new components to be added as part of the Phase IV project and an estimate of the fugitive emissions from these sources.

2.2.4 Emissions Summary

The total changes in emissions resulting from the project are listed on Table 2-7. As can be seen from the table, the emission increases are not significant under PSD. The calculations used to estimate these emissions are presented in Attachment D.

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Table 2-6 VOC Fugitive Emission Calculations and Summary

CURRENT					
Component	Service	Component Count	Emissions * Factor (ton/yr)	NM/NE Fraction	Emissions (ton/yr)
Valves	Gas	376	0.0434606	0.05	0.82
Flanges	Gas	497	0.0037666	0.05	0.09
Open-Ended Line	Gas	14	0.0193158	0.05	0.01
Pumps	Gas	0	0.023179	0.05	0.00
Other	Gas	8	0.0849895	0.05	0.03
TOTAL					0.96

PROJECT ADDED					
Component	Service	Component Count	Emissions * Factor (ton/yr)	NM/NE Fraction	Emissions (ton/yr)
Valves	Gas	77	0.0434606	0.05	0.17
Flanges	Gas	131	0.0037666	0.05	0.02
Open-Ended Line	Gas	0	0.0193158	0.05	0.00
Pumps	Gas	0	0.023179	0.05	0.00
Other	Gas	0	0.0849895	0.05	0.00
TOTAL:					0.19

FUTURE TOTAL					
Component	Service	Component Count	Emissions * Factor (ton/yr)	NM/NE Fraction	Emissions (ton/yr)
Valves	Gas	453	0.0434606	0.05	0.98
Flanges	Gas	628	0.0037666	0.05	0.12
Open-Ended Line	Gas	14	0.0193158	0.05	0.01
Pumps	Gas	0	0.023179	0.05	0.00
Other	Gas	8	0.0849895	0.05	0.03
TOTAL:					1.15

*EPA publication EPA-453/R-95-017, November 1995, "Protocol for Equipment Leak Emission Estimates"

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Table 2-7 Potential Annual Emissions (tpy) Summary

SOURCE ID	DESCRIPTION	NO _x	CO	VOC ^a	SO ₂	PM
EXISTING FACILITY						
1201	2000 bhp Recip. Engine	212.5	27.0	8.5	1.8	0.3
1202	2000 bhp Recip. Engine	212.5	27.0	8.5	1.8	0.3
1203	2000 bhp Recip. Engine	212.5	27.0	8.5	1.8	0.3
1204	2000 bhp Recip. Engine	212.5	27.0	8.5	1.8	0.3
1205	2000 bhp Recip. Engine	212.5	27.0	8.5	1.8	0.3
1206	4100 bhp Recip. Engine	45.4	48.7	9.3	2.1	0.4
GEN01	200 bhp Recip. Engine ^b	0.12	0.01	0.01	0.0	0.0
GEN02	200 bhp Recip. Engine ^b	0.14	0.01	0.01	0.0	0.0
	OTHER SOURCES: ^c	0.0	0.0	3.3	0.0	0.0
EXISTING TOTALS:		1108.16	183.72	55.12	11.1	1.9
PROJECT ADDED						
1207	10,350 bhp Turbine Engine	35.6	47.0	1.3	2.1	11.7
GEN03	637 bhp Recip. Engine	0.7	0.6	0.2	0.04	0.01
	FUGITIVE			0.19		
PROJECT ADDED TOTALS:		36.3	47.6	1.69	2.14	11.71
PROJECT DELETED						
GEN01	200 bhp Recip. Engine ^b	-0.12	-0.01	-0.01	0.0	0.0
GEN02	200 bhp Recip. Engine ^b	-0.14	-0.01	-0.01	0.0	0.0
PROJECT DELETED TOTALS:		-0.26	-0.02	-0.02	0.0	0.0
POST-PROJECT POTENTIAL TOTALS^e		1144.4 6 1147.2	231.32	56.81	13.24	13.61

(a) VOC = NM/NE HC

(b) Based on actual emissions from 1997 through 1998

(c) Other Sources Includes: Ancillary equipment, storage tanks and equipment leaks

(d) POST PROJECT STATION TOTAL = EXISTING + PROJECT ADDED – PROJECT DELETED

NOx = 39.04 increase

3.0 REGULATORY ANALYSIS

This section presents a review of federal and Florida State air quality regulations, which govern the operations and proposed modifications to be conducted at Compressor Station No. 12.

3.1 Federal Regulations Review

The federal regulatory programs administered by the USEPA have been developed under the authority of the Clean Air Act. The following subsections review the essential elements of the federal regulatory program and the impact they have on the operations and proposed modifications at Compressor Station No. 12.

3.1.1 Classification of Ambient Air Quality

The 1970 Amendments to the CAA gave the USEPA specific authority to establish the minimum level of air quality that all states would be required to achieve. These minimum values or standards were developed in order to protect the public health (primary) and welfare (secondary). The federally promulgated standards and additional state standards are presented on Table 3-1.

Areas of the country that have air quality equal to or better than these standards (i.e., ambient concentrations less than a standard) are designated as "Attainment Areas", while those where monitoring indicates air quality is worse than the standards are known as "Non-attainment Areas." The designation of an area has particular importance for a proposed project as it determines the type of permit review to which the application will be subject.

Major new sources or major modifications to existing major sources located in attainment areas are required to obtain a PSD permit before initiation of construction. Similar sources located in areas designated as non-attainment or that adversely impact such areas undergo more stringent Non-attainment New Source Review (NNSR). In either case, it is necessary, as a first step, to determine the air quality classification of a project site.

All areas of all states are classified as either attainment, non-attainment or unclassifiable for each criteria pollutant. The current classification of Santa Rosa County is listed on Table 3-2 for each criteria pollutant. Santa Rosa County is designated as unclassifiable or attainment for all criteria pollutants. These designations were obtained from 40 CFR 81.310, as updated in the June 5, 1998 Federal Register (FR31036) and 62-204.340 F.A.C.

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Table 3-1 National and State Ambient Air Quality Standards ($\mu\text{g}/\text{m}^3$)

POLLUTANT	AVERAGING PERIOD	EPA STANDARDS		FLORIDA STANDARDS
		PRIMARY	SECONDARY	
PM ₁₀	24-hour ¹	150	150	150
	annual ²	50	50	50
SO ₂	3-hour ¹	---	1,300	1,300
	24-hour ¹	365	---	260
	Annual ²	80	---	60
CO	1-hour ¹	---	40,000	40,000
	8-hour ¹	10,000	---	10,000
NO ₂	Annual ²	100	100	100
O ₃	1-hour ³	235	235	235

- 1) Not to be exceeded more than once per year.
- 2) Never to be exceeded.
- 3) Not to be exceeded on more than 3 days over 3 years.

Sources: 40 CFR 50; 36FR22384; Chap. 17-2.300.

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The designation of Unclassifiable indicates that there is insufficient monitoring data to prove that the area has attained the federal standards; however, the limited data available indicate that the standard has been achieved. Areas with this classification are treated as attainment areas for permitting purposes.

3.1.2 PSD Applicability

The 1977 CAA Amendments added Part C: Prevention of Significant Deterioration to the Act. This part required proposed new major stationary sources or existing sources planning a major modification in an area that has attained the National AAQS, to conduct a preconstruction review that includes a detailed analysis of the impacts from the source's emissions.

Federal air quality permitting regulations for attainment areas are codified in the Code of Federal Regulations (CFR), Title 40- Protection of the Environment, Part 52.21 - Prevention of Significant Deterioration (40 CFR 52.21).

For the PSD regulations to apply to a given project the proposed location must be in a PSD area, i.e., an area that has been classified as attainment or as unclassifiable for a particular pollutant. Santa Rosa County is designated as attainment area for all criteria pollutants. A project's potential to emit is then reviewed to determine whether it constitutes a major stationary source or major modification to an existing major stationary source.

A major stationary source is defined as either one of the 28 sources identified in 40 CFR 52.21 that has a potential to emit 100 tons or more per year of any regulated pollutant, or any other stationary source that has the potential to emit 250 tons or more per year of a regulated pollutant. "Potential to emit" is determined on an annual basis after the application of air pollution control equipment, or any other federally enforceable restriction.

Table 3-2 Classification Of Santa Rosa County For Each Criteria Pollutant

Carbon Monoxide	Attainment
Oxides of Nitrogen	Attainment
Sulfur Dioxide	Attainment
Particulate Matter (PM ₁₀)	Unclassifiable
Lead	Unclassifiable
Ozone	Attainment
Source 40 CFR 81.310 1998; 62-204.340 F.A.C.	

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According to the "Draft New Source Review Workshop (NSR) Manual (USEPA, October 1990)," for a modification to be classified as major and therefore, subject to PSD review:

- (1) The modification must occur at an existing major stationary source, and
- (2) The net emissions increase of any pollutant emitted by the source, as a result of modification, is "significant", or
- (3) The modification results in emissions increases, which if considered alone would constitute a major stationary source.

"Significant" emission rates are defined as amounts equal to or greater than the emission rates given in Table 3-3.

By these definitions, and based on the emissions presented in Section 2.0, the action proposed for Compressor Station No. 12 is a minor modification of an existing major stationary source. Since Compressor Station No. 12 is not one of the 28 named source categories, but does emit >250 TPY of at least one regulated pollutant, it is considered a major source. The increase in emissions resulting from the proposed action will not exceed the PSD significant rate; therefore, the compressor station is not subject to PSD pre-construction review.

Table 3-3 Applicability of PSD Significant Emission Rates

Pollutant	Emission Rate Tons/Year
Carbon Monoxide	100
Nitrogen Oxides	40
Sulfur Dioxide	40
Particulate Matter (PM/PM ₁₀)	25/15
Ozone (VOC)	40
Lead	0.6
Fluorides	3
Reduced Sulfur including Hydrogen Sulfide	10
Total Reduced Sulfur including Hydrogen Sulfide	10
Sulfuric Acid Mist	7
Lead	0.6
Mercury	0.1
VOC = Volatile Organic Compounds Sources: 40 CFR 52.21(b)(23); Table 212.400-2 62-212 F.A.C.	

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3.1.3 Non-Attainment New Source Review (NSR) Applicability

Based on the current non-attainment provisions, all new major stationary sources, or major modifications to such sources, located in a non-attainment area must undergo non-attainment New Source Review, if they have the potential to emit above an NSR significant threshold. For major new sources or major modifications in an attainment or unclassifiable area, the non-attainment provisions apply if the source or modification is located within the area of influence of a non-attainment area. The area of influence is defined as an area, which is outside the boundary of a non-attainment area, but within the locus of all points that are 50 kilometers outside the non-attainment area.

Compressor Station No. 12 is located in an area that is designated as either attainment or not classifiable for all criteria pollutants and is not located in an area of influence outside a non-attainment area. Therefore, this compressor station is not subject to federal non-attainment New Source Review.

3.1.4 Applicability of New Source Performance Standards (NSPS)

The regulation of new sources through the development of standards applicable to a specific category of sources was a significant step taken by the 1970 CAA Amendments. The Administrator was directed to publish a proposed regulation establishing a Standard of Performance for any category of new sources that cause or contribute significantly to air pollution and which may reasonably be anticipated to endanger public health. All Standards apply to all sources within a given category, regardless of geographic location or ambient air quality at the location.

Performance standards are published in 40 CFR 60. The new turbine to be installed at Compressor Station No. 12 is subject to Subpart GG, Standards of Performance for Stationary Gas Turbines, because it will have a maximum heat input at peak load of >10.7 gigajoules/hour (10 MMBtu/hr) based on the lower heating value of the natural gas fuel. This regulation establishes emission limits for NO_x and SO₂ and requires performance testing and daily monitoring of fuel nitrogen and sulfur. The applicable emission standards are provided in Table 3-4.

The NO_x emission limit for Subpart GG is calculated as follows:

$$STD = 0.0150 (14.4/Y) + F$$

$$STD = \text{Allowable NO}_x \text{ emissions}$$

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$Y = \text{Heat rate at peak load not to exceed } 14.4 \text{ KJ/watt-hour}$

$F = \text{NO}_x \text{ emission allowance}$

The fuel bound nitrogen in natural gas is less than 0.015% by weight. Therefore, the value of F as defined in 40 CFR 60.332(3) is equal to zero.

$$Y = \text{Btu/bhp-hr} \times 1.055 \text{ Kj/Btu} \times \text{hp-hr/745.7 watt-hour}$$

$$= 8,558 \text{ Btu/bhp-hr} \times 1.055 \text{ Kj/Btu} \times \text{hp-hr/745.7 watt-hour}$$

$$= 12.1$$

$$\text{STD} = 0.0150 (14.4/12.1) + 0$$

$$= 0.0178$$

$$= 178 \text{ ppm}_v$$

Table 3-8 summarizes the NSPS applicability for the proposed gas engines.

The turbine at this facility will meet the NSPS for NO_x of 178 ppmv (i.e., manufacturer's estimation of 25 ppmv), and for SO₂ of 150 ppmv (estimated for this turbine to be 4 ppmv).

3.1.2.6 Good Engineering Practice (GEP) Stack Height Analysis

The 1977 CAA Amendments require that the emission limitation required for control of any pollutant not be affected by a stack that exceeds GEP height. Further, no dispersion credit is given during air quality modeling for stacks that exceed GEP. GEP stack height is defined as the highest of:

- 65 meters; or
- a height established by applying the formula

$$\text{HGEP} = H + 1.5 L$$

Where:

HGEP = GEP Stack Height,

H = Height of the structure or nearby structure, and

L = Lesser dimension (height or projected width) of the nearby structure; or

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Table 3-4 Applicability of New Source Performance Standards

NSPS Subpart	NSPS Regulations	Equipment	Fuel	Pollutant	Heat Input Applicability	Equipment Design Maximum*	NSPS Emission Limits	Equipment Emissions
GG	60.332(a)(2)	Engine No. 2507 Gas Turbine	Gas	NO ₂	>10 MM Btu/hr	88.58 MMBtu/hr	178 ppm _v	25 ppm _v
GG	60.333(a)	Engine No. 2507 Gas Turbine	Gas	SO ₂	>10 MM Btu/hr	88.58 MMBtu/hr	150 ppm _v	4 ppm _v

Design maximum based on vendor data.

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- a height demonstrated by fluid modeling or field study.

A structure or terrain feature is considered nearby if a stack is within a distance of five times the structure's height or maximum projected width. Only the smaller value of the height or projected width is used and the distance to the structure cannot be greater than 0.8 kilometers. Although GEP stack height regulations require that the stack height used in modeling for determining compliance with National AAQS and PSD increments not exceed GEP stack height, the actual stack height may be greater.

The stack height regulations also increase GEP stack height beyond that resulting from the formula in cases where plume impaction occurs. Plume impaction is defined as concentrations measured or modeled to occur when the plume interacts with elevated terrain. Elevated terrain is defined as terrain that exceeds the height calculated by the GEP stack height formula. Because terrain in the vicinity of the project site is generally flat, plume impaction was not considered in determining the GEP stack height.

The proposed stack at Compressor Station No. 12 will be 58 feet (17.68 meters) tall. Based on the proposed building dimensions, the calculated GEP stack height is less than 65 meters; therefore, GEP stack height is 65 meters. Since the stack is less than GEP stack height, it complies with the regulatory requirement.

3.2 Florida State Air Quality Regulations

Compressor Station No. 12 is currently operating under Permit No. 1130037-001-AV and is subject to the provisions of that permit. Rule 62, F.A.C., contains the air quality rules and regulations for the State of Florida. The primary federal regulations that affect Compressor Station No. 12 have been incorporated into or are referenced by these rules. The significant state regulations that are applicable to the new emission units are briefly listed below.

3.2.1 Rule 62-210.300 Permits Required

FGT is required to obtain a construction permit prior to construction of new emission units. This requirement is being met by the submittal of this application.

3.2.2 Rule 62-204.240 Ambient Air Quality Standards

FGT must not violate any of the ambient air quality standards listed under this rule.

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3.2.3 Rule 62-296.320(2) Objectionable Odors

This rule prohibits the discharge of pollutants that will cause or contribute to an objectionable odor.

3.2.4 Rule 62-296.320(4)(b)1 General Particulate Emission Limiting Standards.

FGT is prohibited from allowing the new compressor engine to discharge into the atmosphere the emissions of air pollutants, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20 percent opacity).

3.2.5 Rule 62-210.300(3)(a) Exempt Emissions Units and/or Activities.

The emissions from the emergency generator and the fugitive leak emissions are insignificant sources and are exempt from the permitting requirements of Chapter 62-210 Stationary Sources - General Requirements, 62-213 Operation Permits For Major Sources Of Air Pollution and 62-4 Permits.

4.0 AIR QUALITY IMPACT ANALYSIS

The Florida Department of Environmental Regulation (FDEP), Air Quality Division, requires that an ambient air quality impact analysis be performed for a proposed project's emissions. For State Authority to Construct permits, this involves comparison of the proposed project's impacts to the State and National AAQS, discussed in Section 3.0 of this report. The following section outlines the general approach used for this analysis. This approach was developed in consultation with the FDEP and conforms to the recommendations presented in the Guideline on Air Quality Models (USEPA, 1998).

4.1 Dispersion Modeling Methodology and Assumptions

This section outlines the approach used in the air dispersion modeling analysis. Model selection, meteorological data used, structure downwash considerations and predicted air quality impacts from modification of the Santa Rosa County Compressor Station No. 12 are discussed.

4.1.1 General Modeling Methodology

The modeling approach follows USEPA and FDEP guidelines for determining compliance with State and National Ambient Air Quality (AAQS). Air dispersion modeling was used to determine compliance with federal and/or state AAQS.

The following procedure was followed for determining compliance with state and national standards:

- Model predictions for annual average NO_x concentrations, based on the net emission increases from the project, were obtained using the Industrial Source Complex long-term (ISCLT3) model (version 96113). A brief description of the Industrial Source Complex (ISC) model is given in Section 4.1.2.
- For comparison to short term AAQS (CO), the ISCST3 model (version 98356) was used.
- For comparison to annual National AAQS, the ISCLT3 was run using each of the latest five years (1988-1992) of available meteorological data processed into the Stability Array (STAR) format. The meteorological data were obtained from the USEPA SCRAM (Support Center for Regulatory Air Models) web site. ISCST3 was run with 1988-1991 meteorological data.

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4.1.2 Model Selection

The ISC3 dispersion model was used to evaluate emissions from the proposed facility. The ISC3 model was selected primarily for the following reasons:

- USEPA and FDEP have approved the general use of the model for air quality dispersion analysis because the model assumptions and methods are consistent with those in the Guideline on Air Quality Models (USEPA, 1998);
- the ISC3 model is capable of predicting the impacts from stack, area, volume and open pit sources that are spatially distributed over large areas and located in flat or gently rolling terrain; and
- the results from the ISC3 model are appropriate for addressing compliance with AAQS and PSD increments.

Major features of the ISC3 model are presented in Table 4-1. The model using the steady-state Gaussian plume equation for a continuous source calculates concentrations due to point, area and volume sources.

4.1.3 Modeling Options

For modeling analyses that will undergo regulatory review, the following model options are recommended in the USEPA Guideline on Air Quality Models, and are referred to as the regulatory default options in the ISC3 models:

- Final plume rise at all receptor locations,
- Stack-tip downwash,
- Buoyancy-induced dispersion,
- Default wind speed profile coefficients for rural or urban option,
- Default vertical potential temperature gradients, and
- Reducing calculated SO₂ concentrations in urban areas by using a decay half-life of 4.

In this analysis, the USEPA Regulatory Default Options were used to address maximum impacts.

Table 4-1 Major Features of the ISC3 Model

- Polar or Cartesian coordinate systems for receptor locations
- Rural or urban option that affect windspeed profile exponent, dispersion rates, and mixing height calculations
- Plume rise as a result of momentum and buoyancy as a function of downwind distance for stack emissions (Briggs)
- Procedures suggested by Huber and Snyder (1976), Huber (1977), Schulman and Hanna (1986), and Schulman and Scire (1980) for evaluating building downwash and wake effects
- Procedures suggested by Briggs for evaluating stack-tip downwash
- Separation of multiple point sources
- Consideration of the effects of gravitational settling and dry deposition on ambient particulate concentrations
- Capability of simulating point, line, volume, and area sources
- Capability to calculate dry deposition
- Variation of windspeed with height (windspeed-profile exponent law)
- Concentration estimates for annual average
- Terrain-adjustment procedures for elevated terrain including a terrain truncation algorithm
- Receptors located above local terrain (i.e., "flagpole" receptors)
- Consideration of time-dependent exponential decay of pollutants
- The method of Pasquill (1976) to account for buoyancy-induced dispersion
- A regulatory default option to set various model options and parameters to EPA recommended values (see text for regulatory options used)

SOURCE: Users Guide for the Industrial Source Complex (ISC3) Dispersion Models, Volume I (EPA 454/B-95-003a, September 1995)

4.1.4 Selection of Dispersion Coefficients

The ISC model has rural and urban options that affect the wind speed profile, dispersion rates, and mixing-height formulations used in calculating ground level concentrations. The criteria used to determine when the rural or urban mode is appropriate are based on land use near the proposed plant's surroundings (Auer, 1978). If the land use is classified as heavy industrial, light-moderate industrial, commercial, or compact residential for more than 50 percent of the area within a 3 kilometers radius around the proposed source, the urban option is selected. Otherwise, the rural option is used. Based on a topographical map of the land within a 3-kilometer radius around the site, the rural mode was selected.

4.1.5 Meteorological Data

The EPA Guideline on Air Quality Models (USEPA, 1987b) recommends the use of 5 years of representative meteorological data in air quality modeling. The most recent, readily available 5-year period is preferred. The meteorological data may be collected either on-site or at the nearest National Weather Service (NWS) station.

The NWS station in Pensacola, Florida, located approximately 35 miles southwest of the site, is the most representative weather station that routinely records the hourly surface data required by the air dispersion models. Because of the proximity of this NWS station to the site, the meteorological data are considered representative of weather conditions occurring at the Munson Compressor Station.

Meteorological data used in the ISCLT3 analysis were obtained from the USEPA SCRAM (Support Center for Regulatory Air Models) web site. The data consisted of a 5-year record of surface weather observations (1987-1992) collected at Pensacola, Florida. The database consists of hourly surface data (i.e., wind speed, wind direction). Upper air mixing heights were obtained from data prepared by Holzworth (USEPA, AP-101, 1972). The five years of surface data were first formatted using the USEPA Met144 program and then processed using the USEPA Stability Array (STAR) program to generate the data required by ISCLT3 model.

Meteorological data used in the ISCST3 analysis were obtained from the USEPA SCRAM (Support Center for Regulatory Air Models) web site. The data consisted of a 5-year record of surface weather observations (1986-1990) collected at Pensacola, Florida, and upper air data from Apalachicola. The latest year of data available for the Apalachicola site was 1990. The data were processed using the USEPA PCrammet program.

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4.1.6 Source Data

The model parameters for Compressor Station No. 12 are given in Table 4-2. The location of the proposed stack is shown on the facility plot plan (see Attachment B). The emission point listed on Table 4-2 as source 1207 corresponds to the new compressor turbine engine and source GEN03 refers to the new emergency generator engine. Table 4-3 lists the emission rates modeled for NO_x and CO. The maximum pound per hour emission rates shown in the table were input to the ISCST model to determine concentrations for short-term averaging periods. Vendor guaranteed emission rates were used to determine NO_x annual average concentrations.

4.1.7 Receptor Grids Modeled

For ISCST3 and ISCLT3, the following grids were used in the modeling analysis:

- A 100-meter spaced, 23 x 23 receptor grid (25 x 25 for CO), centered on the turbine stack (1207), and extending out 1.1 kilometers out in all directions was used to check for "close in" NO_x and CO maximum values.
- A 500-meter spaced, 23 x 23 receptor grid, centered on the turbine stack (1207), and extending 5.5 kilometers in all directions, was used to identify the maximum NO_x concentrations, which occurred farther outside the initial 100-m grid.

These grids were used, per guidance from FDEP and the Guideline on Air Quality Models.

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Table 4-2 Summary of Source Parameters Used in the Modeling Analysis

ISC3 Model Source Number	Stack Location		Stack Dimensions		Operating Parameters	
	X (m)	Y (m)	Height (m)	Diameter* (m)	Temperature (°K)	Velocity (m/s)
1207	214	-157	17.68	2.66	718.15	13.84
GEN03	62.2	-150.3	6.10	0.2	644.26	45.49

* Effective diameter

Table 4-3 Modeled Emission Rates

SOURCE NO.	NOX		CO	
	(TONS/YR)	g/sec	(LBS/HR)	g/sec
1207	38.56	1.109	10.72	1.351
GEN03	0.70	0.020	2.25	0.283

4.1.8 Building Wake Effects and GEP Considerations

Based on the dimensions of the structures located at the compressor station, all stacks will be less than maximum allowable GEP (Good engineering Practice) height. Due to the location of emission points in relation to buildings and other solid structures, the stack emissions may be affected by building wakes from some of the structures. Therefore, the potential for building downwash must be considered in the modeling analysis.

The procedure used for addressing the effects of building downwash are those recommended in the User's Guide for Industrial Source Complex (ISC3) Models (USEPA, 1992). In the ISC3 model, the building heights and widths are input into the model for each direction. If the Huber Snyder building downwash routine is used, the model picks the worst-case dimension from all values. The effective width used by the program is the diameter of a circle of equal area to the square of the width input to the model.

If the Schulman-Scire wake effects method is used, the user inputs the building height and projected width associated with each wind sector. The actual inputs to the ISC3 model were generated using the USEPA BPIP Program following procedures in the guidance document (EPA-454-R-93-038, 1995). Plant coordinates of all building corners, tier corners, and emission points are input into the downwash program. The program provides direction-specific building dimensions for either the ISC3 long or short-term models, which are then directly input into the ISC3 source file.

A summary of actual building dimensions for structures considered is presented in Table 4-4. Only structures within about 500 feet of the stacks were input into the GEP model, as those at greater distances would have no effect on stack plume emissions.

4.2 Dispersion Model Results

Modeling was performed for the increases in net emissions of NO_x and CO from Compressor Station No. 12. A summary of the maximum predicted annual NO_x and CO off-site concentration, a comparison to the AAQS, and the significance level, is shown in Table 4-5. Table 4-6 provides the maximum concentration for each meteorological data year modeled. The maximum predicted off-site NO_x impact was about 0.1 kilometers north of the compressor station. The first highest 1-hour and 8-hour CO concentrations occurred approximately 0.1 to 0.2 km west of the site.

The output files of the dispersion modeling are included for NO_x and CO in Attachment E for receptor grids with spacing of 100-meter and 500-meter. These show maximum impacts in

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µg/m³ for each modeled receptor and pollutant and show the facility property boundary. The property line is marked on the 100-meter grid in the first output file.

As shown, the maximum predicted, off-site, NO_x and CO concentrations were much lower than the applicable AAQS and significance levels. The results of this air dispersion modeling show that the proposed modification to the Munson Compressor Station should have no adverse effects on the surrounding area.

Table 4-4 Building Dimensions

Building	Actual Building Dimensions		
	Height ft (m)	Length ft (m)	Width ft (m)
Compressor Building #1	32.4 (9.88)	208.0 (63.41)	50.0 (15.24)
Compressor Building #2	38.0 (11.59)	80.5 (24.54)	40.0 (12.20)
Auxiliary Building	12.0 (3.66)	130.0 (39.63)	25.0 (7.63)

Table 4-5 Dispersion Modeling Results

Maximum Predicted Average Concentration Of Modeled Pollutants And Comparison To Significant Impact Level

POLLUTANT	AVG TIME	MAX OFF-SITE ($\mu\text{g}/\text{m}^3$)	NAAOS ($\mu\text{g}/\text{m}^3$)	SIGNIFICANT IMPACT ($\mu\text{g}/\text{m}^3$)
NO_x				
SOURCE 1207	Annual	0.117	100	1
CO				
SOURCE 1207	1-hr	50.35	40,000	2,000
	8-hr	31.91	10,000	500

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Table 4-6 Highest Predicted Off Property Impact by Year ($\mu\text{g}/\text{m}^3$)

Pollutant	Pollutant Averaging Period	Year of Meteorological Data				
		1988	1989	1990	1991	1992
NO _x	Annual	0.117	0.111	0.103	0.098	0.095
		1986	1987	1988	1989	1990
CO	1hour*	50.35	50.24	47.76	47.44	49.05
CO	8-hour*	23.42	31.91	25.47	23.53	24.85

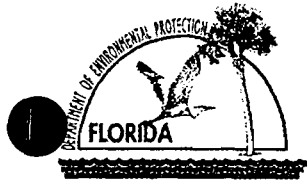
* First highest value

5.0 REFERENCES

- Auer, A.H. 1978. Correlation of Land Use and Cover With Meteorological Anomalies. J. Appl. Meteor.; Vol 17.
- U.S. Environmental Protection Agency (USEPA). 1972. Holzworth, George C., Mixing Heights, wind speeds, and Potential for Urban air Pollution Throughout the Contiguous United States, AP-101
- U.S. Environmental Protection Agency (USEPA). 1980. PSD Workshop Manual. Research Triangle Park, NC.
- U.S. Environmental Protection Agency (USEPA). 1997. Guideline on Air Quality Models, 40 CFR 51 Appendix W.
- U.S. Environmental Protection Agency (USEPA). 1995. Compilation of Air Pollutant Emission Factors, Volume I: Stationary Point and Area Sources (5th Ed.) AP-42. Research Triangle Park, NC.
- U.S. Environmental Protection Agency (USEPA). 1995. User's Guide for the Building Profile Input Program, EPA-454/R-93-038.
- U.S. Environmental Protection Agency (USEPA). 1995. User's Guide for the Industrial Source Complex (ISC3) Dispersion Models, Vol. I EPA-454/B-95-003a.

Attachment A

DEP Forms



Department of Environmental Protection

Division of Air Resources Management

APPLICATION FOR AIR PERMIT - TITLE V SOURCE

See Instructions for Form No. 62-210.900(1)

I. APPLICATION INFORMATION

Identification of Facility

1. Facility Owner/Company Name: Florida Gas Transmission Company	
2. Site Name: Compressor Station No. 12	
3. Facility Identification Number: 1057003 [] Unknown	
4. Facility Location: Street Address or Other Locator: Rt. 1, Box 146 City: Milton County: Santa Rosa Zip Code: 32570-9740	
5. Relocatable Facility? [] Yes [X] No	6. Existing Permitted Facility? [X] Yes [] No

Application Contact

1. Name and Title of Application Contact: Clayton Roesler, Division Environmental Specialist	
2. Application Contact Mailing Address: Organization/Firm: Florida Gas Transmission Company Street Address: 601 S. Lake Destiny Dr., #450 City: Maitland Zip Code: 32751	
3. Application Contact Telephone Numbers: Telephone: (407) 838-7123 Fax: (407) 838-7101	

Application Processing Information (DEP Use)

1. Date of Receipt of Application:	
2. Permit Number:	
3. PSD Number (if applicable):	
4. Siting Number (if applicable):	

Purpose of Application

Air Operation Permit Application

This Application for Air Permit is submitted to obtain: (Check one)

Initial Title V air operation permit for an existing facility which is classified as a Title V source.

Initial Title V air operation permit for a facility which, upon start up of one or more newly constructed or modified emissions units addressed in this application, would become classified as a Title V source.

Current construction permit number: _____

Title V air operation permit revision to address one or more newly constructed or modified emissions units addressed in this application.

Current construction permit number: _____

Operation permit number to be revised: _____

Title V air operation permit revision or administrative correction to address one or more proposed new or modified emissions units and to be processed concurrently with the air construction permit application. (Also check Air Construction Permit Application below.)

Operation permit number to be revised/corrected: _____

Title V air operation permit revision for reasons other than construction or modification of an emissions unit. Give reason for the revision; e.g., to comply with a new applicable requirement or to request approval of an "Early Reductions" proposal.

Operation permit number to be revised: _____

Reason for revision: _____

Air Construction Permit Application

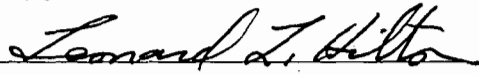
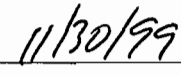
This Application for Air Permit is submitted to obtain: (Check one)

Air construction permit to construct or modify one or more emissions units.

Air construction permit to make federally enforceable an assumed restriction on the potential emissions of one or more existing, permitted emissions units.

Air construction permit for one or more existing, but unpermitted, emissions units.

Owner/Authorized Representative or Responsible Official

1. Name and Title of Owner/Authorized Representative or Responsible Official: Leonard L. Hilton, Vice President, Operations
2. Owner/Authorized Representative or Responsible Official Mailing Address: Organization/Firm: Florida Gas Transmission Company Street Address: 1400 Smith Street City: Houston State: TX Zip Code: 77002
3. Owner/Authorized Representative or Responsible Official Telephone Numbers: Telephone: (713) 345-7162 Fax: (713) 646-4808
4. Owner/Authorized Representative or Responsible Official Statement: <i>I, the undersigned, am the owner or authorized representative*(check here [], if so) or the responsible official (check here [X], if so) of the Title V source addressed in this application, whichever is applicable. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. The air pollutant emissions units and air pollution control equipment described in this application will be operated and maintained so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof. I understand that a permit, if granted by the Department, cannot be transferred without authorization from the Department, and I will promptly notify the Department upon sale or legal transfer of any permitted emissions unit.</i>  Signature  Date

* Attach letter of authorization if not currently on file.

Professional Engineer Certification

1. Professional Engineer Name: David Holmes Parham Registration Number: 50834
2. Professional Engineer Mailing Address: Organization/Firm: Florida Gas Transmission Company Street Address: 601 S. Lake Destiny Dr. Suite City: Maitland State: FL Zip Code: 32751
3. Professional Engineer Telephone Numbers: Telephone: (407) 875-5827 Fax: (407) 875-5896

4. Professional Engineer Statement:

I, the undersigned, hereby certify, except as particularly noted herein, that:*

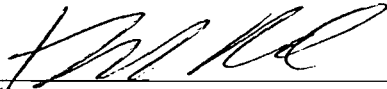
(1) To the best of my knowledge, there is reasonable assurance that the air pollutant emissions unit(s) and the air pollution control equipment described in this Application for Air Permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant emissions found in the Florida Statutes and rules of the Department of Environmental Protection; and

(2) To the best of my knowledge, any emission estimates reported or relied on in this application are true, accurate, and complete and are either based upon reasonable techniques available for calculating emissions or, for emission estimates of hazardous air pollutants not regulated for an emissions unit addressed in this application, based solely upon the materials, information and calculations submitted with this application.

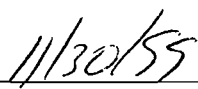
If the purpose of this application is to obtain a Title V source air operation permit (check here [], if so), I further certify that each emissions unit described in this Application for Air Permit, when properly operated and maintained, will comply with the applicable requirements identified in this application to which the unit is subject, except those emissions units for which a compliance schedule is submitted with this application.

If the purpose of this application is to obtain an air construction permit for one or more proposed new or modified emissions units (check here [], if so), I further certify that the engineering features of each such emissions unit described in this application have been designed or examined by me or individuals under my direct supervision and found to be in conformity with sound engineering principles applicable to the control of emissions of the air pollutants characterized in this application.

If the purpose of this application is to obtain an initial air operation permit or operation permit revision for one or more newly constructed or modified emissions units (check here [], if so), I further certify that, with the exception of any changes detailed as part of this application, each such emissions unit has been constructed or modified in substantial accordance with the information given in the corresponding application for air construction permit and with all provisions contained in such permit.



Signature



Date

(seal)

* Attach any exception to certification statement.

Scope of Application

Emissions Unit ID	Description of Emissions Unit	Permit Type	Processing Fee
	Solar Mars 90 T13002S Turbine rated at 10,350 hp, Engine 1207	AC1D	\$0.00
	New Emergency generator, 637 hp Caterpillar 3412 Reciprocating engine, engine GEN03		
	New fugitive emissions from equipment leaks		

Application Processing Fee

Check one: Attached - Amount: \$ _____ Not Applicable

Construction/Modification Information

1. Description of Proposed Project or Alterations:

Installation of a new gas fired Solar Mars 90 T-13002S compressor turbine rated at 10,350 horsepower ISO.

Replacement of two existing gas fired emergency generators rated at 200 hp each with a new gas fired 420 kW (637 hp) Caterpillar Model 3412.

2. Projected or Actual Date of Commencement of Construction: 06/01/00

3. Projected Date of Completion of Construction: 09/01/00

Application Comment

This proposed modification is part of FGT's Phase IV expansion project, aimed at increasing the supply capacity of FGT's network servicing domestic, commercial, and industrial customers in Florida.

The existing facility is currently operating under Permit No. 1130037-001-AV.

II. FACILITY INFORMATION

A. GENERAL FACILITY INFORMATION

Facility Location and Type

1. Facility UTM Coordinates:			
Zone:	16	East (km):	510.83
		North (km):	3419.03
2. Facility Latitude/Longitude:			
Latitude (DD/MM/SS):		Longitude (DD/MM/SS):	
30/54/42		86/53/12	
3. Governmental Facility Code:	4. Facility Status Code:	5. Facility Major Group SIC Code:	6. Facility SIC(s):
0	A	49	4922
7. Facility Comment (limit to 500 characters):			
<p>Compressor Station No. 12 is an existing natural gas pipeline compressor station with six existing compressor engines. It is classified as a major source under New Source Review and Title V definitions.</p>			

Facility Contact

1. Name and Title of Facility Contact: David Adams, Team Environmentalist			
2. Facility Contact Mailing Address:			
Organization/Firm:		Florida Gas Transmission Company	
Street Address:		Rt. 1, Box 146	
City:	Milton	State:	FL
		Zip Code:	32570-9740
3. Facility Contact Telephone Numbers:			
Telephone: (850) 957-4221		Fax: (850) 957-4619	

Facility Regulatory Classifications

Check all that apply:

1. <input type="checkbox"/> Small Business Stationary Source?	<input type="checkbox"/> Unknown
2. <input checked="" type="checkbox"/> Major Source of Pollutants Other than Hazardous Air Pollutants (HAPs)?	
3. <input type="checkbox"/> Synthetic Minor Source of Pollutants Other than HAPs?	
4. <input type="checkbox"/> Major Source of Hazardous Air Pollutants (HAPs)?	
5. <input type="checkbox"/> Synthetic Minor Source of HAPs?	
6. <input checked="" type="checkbox"/> One or More Emissions Units Subject to NSPS?	
7. <input type="checkbox"/> One or More Emission Units Subject to NESHAP?	
8. <input type="checkbox"/> Title V Source by EPA Designation?	
I. Facility Regulatory Classifications Comment (limit to 200 characters):	
<p>Facility is a major source for PSD and Title V purposes. New turbine will be subject to NSPS Subpart GG. The project is not subject to PSD since the increases in emissions are less than the significant levels.</p>	

List of Applicable Regulations

FDEP Title V Core List	
62-296.320(4)(b)1 General Visible Emissions Standards	
40 CFR 60, Subpart GG Standards of Performance for Stationary Gas-fired Turbines	

B. FACILITY POLLUTANTS

List of Pollutants Emitted

1. Pollutant Emitted	2. Pollutant Classif.	3. Requested Emissions Cap		4. Basis for Emissions Cap	5. Pollutant Comment
		lb/hour	tons/year		
NO _x	A				
CO	A				
VOC	B				
SO ₂	B				
PM	B				

Additional Supplemental Requirements for Title V Air Operation Permit Applications

8. List of Proposed Insignificant Activities: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
9. List of Equipment/Activities Regulated under Title VI: <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Equipment/Activities On site but Not Required to be Individually Listed <input checked="" type="checkbox"/> Not Applicable
10. Alternative Methods of Operation: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
11. Alternative Modes of Operation (Emissions Trading): <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
12. Identification of Additional Applicable Requirements: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
13. Risk Management Plan Verification: <input type="checkbox"/> Plan previously submitted to Chemical Emergency Preparedness and Prevention Office (CEPPO). Verification of submittal attached (Document ID: _____) or previously submitted to DEP (Date and DEP Office: _____) <input type="checkbox"/> Plan to be submitted to CEPPO (Date required: _____) <input checked="" type="checkbox"/> Not Applicable
14. Compliance Report and Plan: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
15. Compliance Certification (Hard-copy Required): <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through J as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application.

A. GENERAL EMISSIONS UNIT INFORMATION
(All Emissions Units)

Emissions Unit Description and Status

<p>1. Type of Emissions Unit Addressed in This Section: (Check one)</p> <p><input checked="" type="checkbox"/> This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).</p> <p><input type="checkbox"/> This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.</p> <p><input type="checkbox"/> This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.</p>			
<p>2. Regulated or Unregulated Emissions Unit? (Check one)</p> <p><input checked="" type="checkbox"/> The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.</p> <p><input type="checkbox"/> The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.</p>			
<p>3. Description of Emissions Unit Addressed in This Section (limit to 60 characters):</p> <p>10,350 bhp natural gas fired turbine compressor unit</p>			
<p>4. Emissions Unit Identification Number:</p> <p><input type="checkbox"/> ID: <input checked="" type="checkbox"/> ID Unknown</p>			
<p>5. Emissions Unit Status Code:</p> <p style="text-align: center;">C</p>	<p>6. Initial Startup Date: 09/01/00</p>	<p>7. Emissions Unit Major Group SIC Code:</p> <p style="text-align: center;">49</p>	<p>8. Acid Rain Unit?</p> <p style="text-align: center;"><input type="checkbox"/></p>
<p>9. Emissions Unit Comment: (Limit to 500 Characters)</p> <p>The proposed turbine engine will be a Solar Mars T-90-T13002S engine compressor unit ISO rated at 10,350 bhp at 10,800 revolutions per minute. Fuel will be exclusively natural gas from the FGT's gas pipeline. The proposed engine will incorporate dry, low NO_x combustion technology.</p>			

Emissions Unit Information Section 1 of 3

Emissions Unit Control Equipment

1. Control Equipment/Method Description (Limit to 200 characters per device or method): The proposed engine will incorporate dry, low NOX combustion technology.	
2. Control Device or Method Code(s):	NA

Emissions Unit Details

1. Package Unit: Manufacturer: Solar	Model Number: Mars 90 T13002S
2. Generator Nameplate Rating:	MW
3. Incinerator Information: Dwell Temperature: Dwell Time: Incinerator Afterburner Temperature:	°F seconds °F

B. EMISSIONS UNIT CAPACITY INFORMATION
 (Regulated Emissions Units Only)

Emissions Unit Operating Capacity and Schedule

1. Maximum Heat Input Rate:	89	mmBtu/hr
2. Maximum Incineration Rate:	lb/hr	tons/day
3. Maximum Process or Throughput Rate:		
4. Maximum Production Rate:		
5. Requested Maximum Operating Schedule:		
	24 hours/day	7 days/week
	52 weeks/year	8760 hours/year
6. Operating Capacity/Schedule Comment (limit to 200 characters):		
Heat input is 88.58 MM Btu/hr based on vendor specifications of 8,558 Btu/hp-hr and 10,350 bhp.		

**C. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)**

List of Applicable Regulations

62-296.320(4)(b)1 General Visible Emissions Standards	
40 CFR 60, Subpart GG Standards of Performance for Stationary Gas-fired Turbines	
FDEP Title V Core List	

Emissions Unit Information Section 1 of 3

D. EMISSION POINT (STACK/VENT) INFORMATION
(Regulated Emissions Units Only)

Emission Point Description and Type

1. Identification of Point on Plot Plan or Diagram? 1207		Flow	2. Emission Point Type Code: 1	
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point): NA				
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: NA				
5. Discharge Type Code: V		6. Stack Height: 58 feet		7. Exit Diameter: 8.74 feet
8. Exit Temperature: 883 °F		9. Actual Volumetric Flow		10. Water Vapor: %
11. Maximum Dry Standard Flow Rate: dscfm			12. Nonstack Emission Point Height: feet	
13. Emission Point UTM Coordinates: Zone: 16 East (km): 51.830 North (km): 3419.030				
14. Emission Point Comment (limit to 200 characters): Stack is rectangular in cross section at 7.5ft. x 8 ft. Diameter given above is equivalent diameter (De) of stack.				

E. SEGMENT (PROCESS/FUEL) INFORMATION
(All Emissions Units)

Segment Description and Rate: Segment 1 of 1

1. Segment Description (Process/Fuel Type) (limit to 500 characters): Natural gas fired turbine engine driving a natural gas compressor, operating full time.		
2. Source Classification Code (SCC): 2-02-002-01		3. SCC Units: Million cubic feet burned
4. Maximum Hourly Rate: 0.0937	5. Maximum Annual Rate: 820.7	6. Estimated Annual Activity Factor: NA
7. Maximum % Sulfur: 0.03	8. Maximum % Ash: NA	9. Million Btu per SCC Unit: 1040
10. Segment Comment (limit to 200 characters): Based on vendor supplied fuel rate of 88.58 MMBtu/hr plus 10%. Percent sulfur is base on maximum Federal Energy Regulatory Commission (FERC) limit of 10 gr S/100 scf and gas density of 0.0455 lb/scf.		

Segment Description and Rate: Segment NA of

1. Segment Description (Process/Fuel Type) (limit to 500 characters):		
2. Source Classification Code (SCC):		3. SCC Units:
4. Maximum Hourly Rate:	5. Maximum Annual Rate:	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur:	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment (limit to 200 characters):		

F. EMISSIONS UNIT POLLUTANTS
(All Emissions Units)

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
NOX	099		EL
CO			NS
VOC			NS
SO2			EL
PM			NS
PM10			NS

G. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
 (Regulated Emissions Units -
 Emissions-Limited and Preconstruction Review Pollutants Only)

Potential/Fugitive Emissions

1. Pollutant Emitted: NOX		2. Total Percent Efficiency of Control:	
3. Potential Emissions: 8.80 lb/hour 38.56 tons/year			4. Synthetically Limited? []
5. Range of Estimated Fugitive Emissions: [] 1 [] 2 [] 3 _____ to _____ tons/year			
6. Emission Factor: 38.56 tpy Reference: Vendor's data			7. Emissions Method Code: 5
8. Calculation of Emissions (limit to 600 characters): (38.56 tons/year)(2000 lb/ton)(1 yr/8760 hr) = 8.80 lb/hr			
9. Pollutant Potential/Fugitive Emissions Comment (limit to 200 characters): Vendor's data based on ISO conditions.			

Allowable Emissions Allowable Emissions 1 of 1

1. Basis for Allowable Emissions Code: RULE		2. Future Effective Date of Allowable Emissions: NA	
3. Requested Allowable Emissions and Units: 50 ppmv		4. Equivalent Allowable Emissions: 8.8 lb/hour 38.56 tons/year	
5. Method of Compliance (limit to 60 characters): Initial performance test.			
6. Allowable Emissions Comment (Desc. of Operating Method) (limit to 200 characters): 40 CFR 60.332(3) limits NOX emissions to 178 ppmv.			

G. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
 (Regulated Emissions Units -
 Emissions-Limited and Preconstruction Review Pollutants Only)

Potential/Fugitive Emissions

1. Pollutant Emitted: CO		2. Total Percent Efficiency of Control:	
3. Potential Emissions: 10.72 lb/hour 46.95 tons/year		4. Synthetically Limited? []	
5. Range of Estimated Fugitive Emissions: [] 1 [] 2 [] 3 _____ to _____ tons/year			
6. Emission Factor: 46.95 tpy Reference: Vendor's data		7. Emissions Method Code: 5	
8. Calculation of Emissions (limit to 600 characters): (46.95 tons/year)(2000 lb/ton)(1 yr/8760 hr) = 10.72 lb/hr			
9. Pollutant Potential/Fugitive Emissions Comment (limit to 200 characters): Vendor's data based on ISO conditions.			

Allowable Emissions Allowable Emissions NA of _____

1. Basis for Allowable Emissions Code: NA		2. Future Effective Date of Allowable Emissions: NA	
3. Requested Allowable Emissions and Units:		4. Equivalent Allowable Emissions: lb/hour tons/year	
5. Method of Compliance (limit to 60 characters):			
6. Allowable Emissions Comment (Desc. of Operating Method) (limit to 200 characters):			

G. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
 (Regulated Emissions Units -
 Emissions-Limited and Preconstruction Review Pollutants Only)

Potential/Fugitive Emissions

1. Pollutant Emitted: VOC		2. Total Percent Efficiency of Control:	
3. Potential Emissions: 0.31 lb/hour		4. Synthetically Limited? []	
5. Range of Estimated Fugitive Emissions: [] 1 [] 2 [] 3 _____ to _____ tons/year		7. Emissions Method Code: 5	
6. Emission Factor: 1.3446 tpy Reference: Vendor's data		7. Emissions Method Code: 5	
8. Calculation of Emissions (limit to 600 characters): Vendor factor for unburned hydrocarbons (UHC) = 13.446 tpy. Assume 10% is VOC. $(1.34 \text{ tons/year})(2000 \text{ lb/ton})(1 \text{ yr}/8760 \text{ hr}) = 0.31 \text{ lb/hr}$			
9. Pollutant Potential/Fugitive Emissions Comment (limit to 200 characters): Vendor's data based on ISO conditions.			

Allowable Emissions Allowable Emissions NA of _____

1. Basis for Allowable Emissions Code: NA		2. Future Effective Date of Allowable Emissions: NA	
3. Requested Allowable Emissions and Units:		4. Equivalent Allowable Emissions: lb/hour tons/year	
5. Method of Compliance (limit to 60 characters):			
6. Allowable Emissions Comment (Desc. of Operating Method) (limit to 200 characters):			

G. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
 (Regulated Emissions Units -
 Emissions-Limited and Preconstruction Review Pollutants Only)

Potential/Fugitive Emissions

1. Pollutant Emitted: SO2		2. Total Percent Efficiency of Control:	
3. Potential Emissions: 2.68 lb/hour		4. Synthetically Limited? []	
5. Range of Estimated Fugitive Emissions: [] 1 [] 2 [] 3 _____ to _____ tons/year		7. Emissions Method Code: 2	
6. Emission Factor: 10 gr/100scf Reference: Vendor's fuel use		7. Emissions Method Code: 2	
8. Calculation of Emissions (limit to 600 characters): $(10 \text{ gr S}/100 \text{ scf})(0.0937 \text{ MMscf}/\text{hr})(1 \text{ lb}/7000 \text{ gr}) = 1.34 \text{ lb S}/\text{hr}$ $(1.34 \text{ lb S}/\text{hr})(2 \text{ lb SO}_2/\text{lb S}) = 2.68 \text{ lb SO}_2/\text{hr}$ $(2.68 \text{ lb SO}_2/\text{hr})(8760 \text{ hr}/\text{yr})(1 \text{ ton}/2000 \text{ lb}) = 11.72 \text{ ton}/\text{yr}$			
9. Pollutant Potential/Fugitive Emissions Comment (limit to 200 characters): SO2 emission factor is based on maximum Federal Energy Regulatory Commission (FERC) limit of 10 gr S/100 scf and gas density of 0.0455 lb/scf.			

Allowable Emissions Allowable Emissions 1 of 1

1. Basis for Allowable Emissions Code: RULE		2. Future Effective Date of Allowable Emissions: NA	
3. Requested Allowable Emissions and Units: 4 ppmv		4. Equivalent Allowable Emissions: 2.68 lb/hour 11.73 tons/year	
5. Method of Compliance (limit to 60 characters): Initial performance test.			
6. Allowable Emissions Comment (Desc. of Operating Method) (limit to 200 characters): 40 CFR 60.332(3) limits SO2 emissions to 150 ppmv.			

G. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
 (Regulated Emissions Units -
 Emissions-Limited and Preconstruction Review Pollutants Only)

Potential/Fugitive Emissions

1. Pollutant Emitted: PM		2. Total Percent Efficiency of Control:	
3. Potential Emissions: 0.47 lb/hour		4. Synthetically Limited? []	
		2.05 tons/year	
5. Range of Estimated Fugitive Emissions: [] 1 [] 2 [] 3 _____ to _____ tons/year			
6. Emission Factor: 5 LB/MMscf		7. Emissions Method Code:	
Reference: Table 1.4-1, AP-42 5 th Ed.		4	
8. Calculation of Emissions (limit to 600 characters): (5 lb/MMscf)(0.0937 MMscf/hr) = 0.47 lb/hr (0.47 lb/hr)(8760 hr/yr)(1 ton/2000 lb) = 2.05 ton/yr			
9. Pollutant Potential/Fugitive Emissions Comment (limit to 200 characters): Based on vendor's fuel use data.			

Allowable Emissions Allowable Emissions NA of _____

1. Basis for Allowable Emissions Code: NA		2. Future Effective Date of Allowable Emissions: NA	
3. Requested Allowable Emissions and Units:		4. Equivalent Allowable Emissions: lb/hour tons/year	
5. Method of Compliance (limit to 60 characters):			
6. Allowable Emissions Comment (Desc. Of Operating Method) (limit to 200 characters):			

G. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units -
Emissions-Limited and Preconstruction Review Pollutants Only)

Potential/Fugitive Emissions

1. Pollutant Emitted: PM10	2. Total Percent Efficiency of Control:
3. Potential Emissions: 0.47 lb/hour 2.05 tons/year	4. Synthetically Limited? []
5. Range of Estimated Fugitive Emissions: [] 1 [] 2 [] 3 _____ to _____ tons/year	
6. Emission Factor: 5 LB/MMscf Reference: Table 1.4-1, AP-42 5 th Ed.	7. Emissions Method Code: 4
8. Calculation of Emissions (limit to 600 characters): $(5 \text{ lb/MMscf})(0.0937 \text{ MMscf/hr}) = 0.47 \text{ lb/hr}$ $(0.47 \text{ lb/hr})(8760 \text{ hr/yr})(1 \text{ ton}/2000 \text{ lb}) = 2.05 \text{ ton/yr}$	
9. Pollutant Potential/Fugitive Emissions Comment (limit to 200 characters): Based on vendor's fuel use data.	

Allowable Emissions Allowable Emissions NA of _____

1. Basis for Allowable Emissions Code: NA	2. Future Effective Date of Allowable Emissions: NA
3. Requested Allowable Emissions and Units:	4. Equivalent Allowable Emissions: lb/hour tons/year
5. Method of Compliance (limit to 60 characters):	
6. Allowable Emissions Comment (Desc. Of Operating Method) (limit to 200 characters):	

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through J as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application.

A. GENERAL EMISSIONS UNIT INFORMATION
(All Emissions Units)

Emissions Unit Description and Status

<p>1. Type of Emissions Unit Addressed in This Section: (Check one)</p> <p><input checked="" type="checkbox"/> This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).</p> <p><input type="checkbox"/> This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.</p> <p><input type="checkbox"/> This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.</p>			
<p>2. Regulated or Unregulated Emissions Unit? (Check one)</p> <p><input checked="" type="checkbox"/> The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.</p> <p><input type="checkbox"/> The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.</p>			
<p>3. Description of Emissions Unit Addressed in This Section (limit to 60 characters):</p> <p>Emergency generator powered by a Caterpillar Model 3412 rated at 637 bhp</p>			
<p>4. Emissions Unit Identification Number:</p> <p><input type="checkbox"/> ID: <input checked="" type="checkbox"/> ID Unknown</p>			
<p>5. Emissions Unit Status Code:</p> <p>C</p>	<p>6. Initial Startup Date: 09/01/00</p>	<p>7. Emissions Unit Major Group SIC Code:</p> <p>49</p>	<p>8. Acid Rain Unit?</p> <p><input type="checkbox"/></p>
<p>9. Emissions Unit Comment: (Limit to 500 Characters)</p> <p>The proposed generator engine will be a Caterpillar Model 3412 reciprocating engine rated at 420 kW (637). Fuel will be exclusively natural gas from the FGT's gas pipeline. The unit will be operated no more than 500 hours per year. This unit will replace two existing Waukesha Model 6WAKCU, 200 bhp emergency generators.</p>			

**B. EMISSIONS UNIT CAPACITY INFORMATION
(Regulated Emissions Units Only)**

Emissions Unit Operating Capacity and Schedule

1. Maximum Heat Input Rate:	5.4	mmBtu/hr
2. Maximum Incineration Rate:	lb/hr	tons/day
3. Maximum Process or Throughput Rate:		
4. Maximum Production Rate:		
5. Requested Maximum Operating Schedule:	hours/day	days/week
	weeks/year	500 hours/year
6. Operating Capacity/Schedule Comment (limit to 200 characters):		
<p>Heat input is 5.366 MM Btu/hr based on vendor specifications of 86 scfm of natural gas fuel and a fuel heat value of 1040 Btu/scf.</p> <p>Schedule will be limited to 500 hours per year.</p>		

C. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)

List of Applicable Regulations

None	

**D. EMISSION POINT (STACK/VENT) INFORMATION
(Regulated Emissions Units Only)**

Emission Point Description and Type

1. Identification of Point on Plot Plan or Diagram? GEN 03		Flow	2. Emission Point Type Code: 1	
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point): NA				
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: NA				
5. Discharge Type Code: V		6. Stack Height: 20 feet		7. Exit Diameter: 0.67 feet
8. Exit Temperature: 700 °F		9. Actual Volumetric Flow Rate: 3125 acfm		10. Water Vapor: %
11. Maximum Dry Standard Flow Rate: dscfm			12. Nonstack Emission Point Height: feet	
13. Emission Point UTM Coordinates: Zone: 16 East (km): 51.830 North (km): 3419.030				
14. Emission Point Comment (limit to 200 characters): This 637 bhp emergency generator will replace two existing 200 bhp emergency generators. The unit will not be operated more than 500 hours per year.				

E. SEGMENT (PROCESS/FUEL) INFORMATION
(All Emissions Units)

Segment Description and Rate: Segment 1 of 1

1. Segment Description (Process/Fuel Type) (limit to 500 characters): Natural gas fired reciprocating engine driving a 420 Kw generator, operating no more than 500 hours per year.		
2. Source Classification Code (SCC): 2-02-002-02		3. SCC Units: Million cubic feet burned
4. Maximum Hourly Rate: 0.00516	5. Maximum Annual Rate: 2.58	6. Estimated Annual Activity Factor: NA
7. Maximum % Sulfur: 0.03	8. Maximum % Ash: NA	9. Million Btu per SCC Unit: 1040
10. Segment Comment (limit to 200 characters): Based on vendor supplied fuel rate of 86 scfm. Percent sulfur is base on maximum Federal Energy Regulatory Commission (FERC) limit of 10 gr S/100 scf and gas density of 0.0455 lb/scf.		

Segment Description and Rate: Segment NA of NA

1. Segment Description (Process/Fuel Type) (limit to 500 characters): NA		
2. Source Classification Code (SCC):		3. SCC Units:
4. Maximum Hourly Rate:	5. Maximum Annual Rate:	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur:	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment (limit to 200 characters):		

**F. EMISSIONS UNIT POLLUTANTS
(All Emissions Units)**

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
NOX			NS
CO			NS
VOC			NS
SO2			NS
PM			NS
PM10			NS

G. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
 (Regulated Emissions Units -
 Emissions-Limited and Preconstruction Review Pollutants Only)

Potential/Fugitive Emissions

1. Pollutant Emitted: NOX		2. Total Percent Efficiency of Control:	
3. Potential Emissions: 2.80 lb/hour 0.70 tons/year		4. Synthetically Limited? <input checked="" type="checkbox"/> <input type="checkbox"/>	
5. Range of Estimated Fugitive Emissions: [] 1 [] 2 [] 3 _____ to _____ tons/year			
6. Emission Factor: 2.80 lb/hr Reference: Vendor's data		7. Emissions Method Code: 5	
8. Calculation of Emissions (limit to 600 characters): (2.80 lb/hr)(500 hr/yr)(1 ton/2000 lb) = 0.70 tpy			
9. Pollutant Potential/Fugitive Emissions Comment (limit to 200 characters): Vendor's data is for 2 g/hp-hr at 637 bhp.			

Allowable Emissions Allowable Emissions 1 of 1

1. Basis for Allowable Emissions Code: OTHER		2. Future Effective Date of Allowable Emissions: NA	
3. Requested Allowable Emissions and Units: NA		4. Equivalent Allowable Emissions: NA lb/hour tons/year	
5. Method of Compliance (limit to 60 characters): Maintain record of hours of operation.			
6. Allowable Emissions Comment (Desc. of Operating Method) (limit to 200 characters): Limitation on hours to 500 hrs/yr meets US EPA's definition of an emergency generator as insignificant source for Title V purposes.			

G. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
 (Regulated Emissions Units -
 Emissions-Limited and Preconstruction Review Pollutants Only)

Potential/Fugitive Emissions

1. Pollutant Emitted: CO		2. Total Percent Efficiency of Control:	
3. Potential Emissions: 2.25 lb/hour		4. Synthetically Limited? []	
5. Range of Estimated Fugitive Emissions: [] 1 [] 2 [] 3 _____ to _____ tons/year		0.56 tons/year	
6. Emission Factor: 2.25 lb/hr Reference: Vendor's data		7. Emissions Method Code: 5	
8. Calculation of Emissions (limit to 600 characters): (2.25 lb/hr)(500 hr/yr)(1 ton/2000 lb) = 0.56 tpy			
9. Pollutant Potential/Fugitive Emissions Comment (limit to 200 characters):			

Allowable Emissions Allowable Emissions 1 of 1

1. Basis for Allowable Emissions Code: OTHER		2. Future Effective Date of Allowable Emissions: NA	
3. Requested Allowable Emissions and Units: NA		4. Equivalent Allowable Emissions: NA lb/hour tons/year	
5. Method of Compliance (limit to 60 characters): Maintain record of hours of operation.			
6. Allowable Emissions Comment (Desc. of Operating Method) (limit to 200 characters): Limitation on hours to 500 hrs/yr meets US EPA's definition of an emergency generator as insignificant source for Title V purposes.			

G. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
 (Regulated Emissions Units -
 Emissions-Limited and Preconstruction Review Pollutants Only)

Potential/Fugitive Emissions

1. Pollutant Emitted: VOC		2. Total Percent Efficiency of Control:	
3. Potential Emissions: 0.93 lb/hour 0.23 tons/year		4. Synthetically Limited? <input checked="" type="checkbox"/>]	
5. Range of Estimated Fugitive Emissions: [] 1 [] 2 [] 3 _____ to _____ tons/year			
6. Emission Factor: 0.93 lb/hr Reference: Vendor's data		7. Emissions Method Code: 5	
8. Calculation of Emissions (limit to 600 characters): Vendor factor for non-methane hydrocarbons (NMHC) = 0.93 lb/hr. Assume all is VOC. (0.93 lb/hr)(500 hr/yr)(1 ton/2000 lb) = 0.23 tpy			
9. Pollutant Potential/Fugitive Emissions Comment (limit to 200 characters):			

Allowable Emissions Allowable Emissions 1 of 1

1. Basis for Allowable Emissions Code: OTHER		2. Future Effective Date of Allowable Emissions: NA	
3. Requested Allowable Emissions and Units: NA		4. Equivalent Allowable Emissions: NA lb/hour tons/year	
5. Method of Compliance (limit to 60 characters): Maintain record of hours of operation.			
6. Allowable Emissions Comment (Desc. of Operating Method) (limit to 200 characters): Limitation on hours to 500 hrs/yr meets US EPA's definition of an emergency generator as insignificant source for Title V purposes.			

G. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
 (Regulated Emissions Units -
 Emissions-Limited and Preconstruction Review Pollutants Only)

Potential/Fugitive Emissions

1. Pollutant Emitted: SO2		2. Total Percent Efficiency of Control:	
3. Potential Emissions: 0.15 lb/hour 0.04 tons/year		4. Synthetically Limited? <input checked="" type="checkbox"/>]	
5. Range of Estimated Fugitive Emissions: [] 1 [] 2 [] 3 _____ to _____ tons/year			
6. Emission Factor: 82 scfm natural gas fuel Reference: Vendor's data		7. Emissions Method Code: 2	
8. Calculation of Emissions (limit to 600 characters): $(10 \text{ gr S}/100 \text{ scf})(0.0052 \text{ MMscf}/\text{hr})(1 \text{ lb}/7000 \text{ gr}) = 0.074 \text{ lb S}/\text{hr}$ $(0.074 \text{ lb S}/\text{hr})(2 \text{ lb SO}_2/\text{lb S}) = 0.15 \text{ lb SO}_2/\text{hr}$ $(0.15 \text{ lb SO}_2/\text{hr})(500 \text{ hr}/\text{yr})(1 \text{ ton}/2000 \text{ lb}) = 0.04 \text{ ton}/\text{yr}$			
9. Pollutant Potential/Fugitive Emissions Comment (limit to 200 characters): SO2 emission factor is based on maximum Federal Energy Regulatory Commission (FERC) limit of 10 gr S/100 scf and gas density of 0.0455 lb/scf.			

Allowable Emissions Allowable Emissions 1 of 1

1. Basis for Allowable Emissions Code: OTHER		2. Future Effective Date of Allowable Emissions: NA	
3. Requested Allowable Emissions and Units: NA		4. Equivalent Allowable Emissions: NA lb/hour tons/year	
5. Method of Compliance (limit to 60 characters): Maintain record of hours of operation.			
6. Allowable Emissions Comment (Desc. of Operating Method) (limit to 200 characters): Limitation on hours to 500 hrs/yr meets US EPA's definition of an emergency generator as insignificant source for Title V purposes.			

G. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units -
Emissions-Limited and Preconstruction Review Pollutants Only)

Potential/Fugitive Emissions

1. Pollutant Emitted: PM		2. Total Percent Efficiency of Control:	
3. Potential Emissions: 0.026 lb/hour 0.007 tons/year		4. Synthetically Limited? <input checked="" type="checkbox"/> <input type="checkbox"/>	
5. Range of Estimated Fugitive Emissions: [] 1 [] 2 [] 3 _____ to _____ tons/year			
6. Emission Factor: 5 LB/MMscf Reference: Table 1.4-1, AP-42 5 th Ed.		7. Emissions Method Code: 4	
8. Calculation of Emissions (limit to 600 characters): (5 lb/MMscf)(0.0052 MMscf/hr) = 0.026 lb/hr (0.026 lb/hr)(500 hr/yr)(1 ton/2000 lb) = 0.007 ton/yr			
9. Pollutant Potential/Fugitive Emissions Comment (limit to 200 characters): Based on vendor's fuel use data.			

Allowable Emissions Allowable Emissions 1 of 1

1. Basis for Allowable Emissions Code: OTHER		2. Future Effective Date of Allowable Emissions: NA	
3. Requested Allowable Emissions and Units: NA		4. Equivalent Allowable Emissions: NA lb/hour tons/year	
5. Method of Compliance (limit to 60 characters): Maintain record of hours of operation.			
6. Allowable Emissions Comment (Desc. of Operating Method) (limit to 200 characters): Limitation on hours to 500 hrs/yr meets US EPA's definition of an emergency generator as insignificant source for Title V purposes.			

G. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
 (Regulated Emissions Units -
 Emissions-Limited and Preconstruction Review Pollutants Only)

Potential/Fugitive Emissions

1. Pollutant Emitted: PM10		2. Total Percent Efficiency of Control:	
3. Potential Emissions: 0.026 lb/hour 0.007 tons/year		4. Synthetically Limited? <input checked="" type="checkbox"/> [X]]	
5. Range of Estimated Fugitive Emissions: [] 1 [] 2 [] 3 _____ to _____ tons/year			
6. Emission Factor: 5 LB/MMscf Reference: Table 1.4-1, AP-42 5 th Ed.		7. Emissions Method Code: 4	
8. Calculation of Emissions (limit to 600 characters): (5 lb/MMscf)(0.0052 MMscf/hr) = 0.026 lb/hr (0.026 lb/hr)(500 hr/yr)(1 ton/2000 lb) = 0.007 ton/yr			
9. Pollutant Potential/Fugitive Emissions Comment (limit to 200 characters): Based on vendor's fuel use data.			

Allowable Emissions Allowable Emissions 1 of 1

1. Basis for Allowable Emissions Code: OTHER		2. Future Effective Date of Allowable Emissions: NA	
3. Requested Allowable Emissions and Units: NA		4. Equivalent Allowable Emissions: NA lb/hour tons/year	
5. Method of Compliance (limit to 60 characters): Maintain record of hours of operation.			
6. Allowable Emissions Comment (Desc. of Operating Method) (limit to 200 characters): Limitation on hours to 500 hrs/yr meets US EPA's definition of an emergency generator as insignificant source for Title V purposes.			

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through J as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application.

A. GENERAL EMISSIONS UNIT INFORMATION
(All Emissions Units)

Emissions Unit Description and Status

1. Type of Emissions Unit Addressed in This Section: (Check one)			
<input type="checkbox"/> This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).			
<input type="checkbox"/> This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.			
<input checked="" type="checkbox"/> This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.			
2. Regulated or Unregulated Emissions Unit? (Check one)			
<input type="checkbox"/> The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.			
<input checked="" type="checkbox"/> The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.			
3. Description of Emissions Unit Addressed in This Section (limit to 60 characters):			
Fugitive emissions from component leaks.			
4. Emissions Unit Identification Number:			
<input type="checkbox"/> ID: <input checked="" type="checkbox"/> ID Unknown			
5. Emissions Unit Status Code: C	6. Initial Startup Date: 09/01/00	7. Emissions Unit Major Group SIC Code: 49	8. Acid Rain Unit? <input type="checkbox"/>
9. Emissions Unit Comment: (Limit to 500 Characters)			
These are new fugitive leak emissions from new components (valves, flanges, etc.)			

Emissions Unit Control Equipment

1. Control Equipment/Method Description (Limit to 200 characters per device or method):	NA
2. Control Device or Method Code(s):	NA

Emissions Unit Details

1. Package Unit:		
Manufacturer:		Model Number:
2. Generator Nameplate Rating:		MW
3. Incinerator Information:		
Dwell Temperature:		°F
Dwell Time:		seconds
Incinerator Afterburner Temperature:		°F

B. EMISSIONS UNIT CAPACITY INFORMATION
 (Regulated Emissions Units Only)

Emissions Unit Operating Capacity and Schedule

1. Maximum Heat Input Rate:	mmBtu/hr		
2. Maximum Incineration Rate:	lb/hr		tons/day
3. Maximum Process or Throughput Rate:			
4. Maximum Production Rate:			
5. Requested Maximum Operating Schedule:			
	24	hours/day	7 days/week
	52	weeks/year	8760 hours/year
6. Operating Capacity/Schedule Comment (limit to 200 characters):			

**C. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)**

List of Applicable Regulations

None	

D. EMISSION POINT (STACK/VENT) INFORMATION
 (Regulated Emissions Units Only)

Emission Point Description and Type

1. Identification of Point on Plot Plan or Diagram? FUGITIVE		Flow	2. Emission Point Type Code: 4	
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point): NA				
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: NA				
5. Discharge Type Code: F		6. Stack Height: NA		7. Exit Diameter: NA
		feet		feet
8. Exit Temperature: 77 °F		9. Actual Volumetric Flow		10. Water Vapor: NA %
11. Maximum Dry Standard Flow Rate: NA		12. Nonstack Emission Point Height: 0		
		dscfm		
13. Emission Point UTM Coordinates: Zone: 16 East (km): 51.830 North (km): 3419.030				
14. Emission Point Comment (limit to 200 characters):				

Emissions Unit Information Section 3 of 3

E. SEGMENT (PROCESS/FUEL) INFORMATION
(All Emissions Units)

Segment Description and Rate: Segment 1 of 1

1. Segment Description (Process/Fuel Type) (limit to 500 characters): Fugitive emissions from component leaks.		
2. Source Classification Code (SCC): 3-10-888-11		3. SCC Units: MM cubic feet produced
4. Maximum Hourly Rate: 0	5. Maximum Annual Rate: 0	6. Estimated Annual Activity Factor: component count
7. Maximum % Sulfur: NA	8. Maximum % Ash: NA	9. Million Btu per SCC Unit: NA
10. Segment Comment (limit to 200 characters): Based on count of new components and USEPA emission factors provided in EPA publication EPA-453/R-95-017, November 1995, "Protocol for Equipment Leak Emission Estimates"		

Segment Description and Rate: Segment NA of NA

1. Segment Description (Process/Fuel Type) (limit to 500 characters):		
2. Source Classification Code (SCC):		3. SCC Units:
4. Maximum Hourly Rate:	5. Maximum Annual Rate:	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur:	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment (limit to 200 characters):		

F. EMISSIONS UNIT POLLUTANTS
(All Emissions Units)

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
VOC			NS

G. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units -
Emissions-Limited and Preconstruction Review Pollutants Only)

Potential/Fugitive Emissions

1. Pollutant Emitted: VOC		2. Total Percent Efficiency of Control:	
3. Potential Emissions: 0.0202 lb/hour		0.09 tons/year	4. Synthetically Limited? []
5. Range of Estimated Fugitive Emissions: [] 1 [] 2 [] 3 _____ to _____ tons/year			
6. Emission Factor: lb/hr/component Reference: EPA-453/R-95-017, Protocol for Equipment Leak Emission Estimates"		7. Emissions Method Code: 5	
8. Calculation of Emissions (limit to 600 characters): (EPA factor for specific component type) (number of components of specific type) = tpy. Assume non-methane/non-ethane fraction is 5%. (tons/year)(2000 lb/ton)(1 yr/8760 hr) = lb/hr			
9. Pollutant Potential/Fugitive Emissions Comment (limit to 200 characters): Factors vary by component type. See Attachment D for specific factors and calculations.			

Allowable Emissions Allowable Emissions ___ NA_ of ___

1. Basis for Allowable Emissions Code: NA	2. Future Effective Date of Allowable Emissions: NA
3. Requested Allowable Emissions and Units:	4. Equivalent Allowable Emissions: lb/hour tons/year
5. Method of Compliance (limit to 60 characters):	
6. Allowable Emissions Comment (Desc. of Operating Method) (limit to 200 characters):	

H. VISIBLE EMISSIONS INFORMATION
(Only Regulated Emissions Units Subject to a VE Limitation)

Visible Emissions Limitation: Visible Emissions Limitation 1 of 1

1. Visible Emissions Subtype: VE20	2. Basis for Allowable Opacity: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
3. Requested Allowable Opacity: Normal Conditions: 20% Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour	
4. Method of Compliance:	
5. Visible Emissions Comment (limit to 200 characters): Subject to 62-296-320(4)(b)1 General Visible Emissions Standards.	

I. CONTINUOUS MONITOR INFORMATION
(Only Regulated Emissions Units Subject to Continuous Monitoring)

Continuous Monitoring System: Continuous Monitor NA of

1. Parameter Code:	2. Pollutant(s):
3. CMS Requirement: Other	<input type="checkbox"/> Rule <input type="checkbox"/>
4. Monitor Information: Manufacturer: Model Number: Serial Number:	
5. Installation Date:	6. Performance Specification Test Date:
7. Continuous Monitor Comment (limit to 200 characters):	

**J. EMISSIONS UNIT SUPPLEMENTAL INFORMATION
(Regulated Emissions Units Only)**

Supplemental Requirements

1. Process Flow Diagram <input type="checkbox"/> Attached, Document ID: _____	<input type="checkbox"/> Not Applicable	<input checked="" type="checkbox"/> Waiver Requested
2. Fuel Analysis or Specification <input type="checkbox"/> Attached, Document ID: _____	<input type="checkbox"/> Not Applicable	<input checked="" type="checkbox"/> Waiver Requested
3. Detailed Description of Control Equipment <input type="checkbox"/> Attached, Document ID: _____	<input checked="" type="checkbox"/> Not Applicable	<input type="checkbox"/> Waiver Requested
4. Description of Stack Sampling Facilities <input type="checkbox"/> Attached, Document ID: _____	<input type="checkbox"/> Not Applicable	<input checked="" type="checkbox"/> Waiver Requested
5. Compliance Test Report <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Previously submitted, Date: _____ <input checked="" type="checkbox"/> Not Applicable		
6. Procedures for Startup and Shutdown <input type="checkbox"/> Attached, Document ID: _____	<input checked="" type="checkbox"/> Not Applicable	<input type="checkbox"/> Waiver Requested
7. Operation and Maintenance Plan <input type="checkbox"/> Attached, Document ID: _____	<input checked="" type="checkbox"/> Not Applicable	<input type="checkbox"/> Waiver Requested
8. Supplemental Information for Construction Permit Application <input checked="" type="checkbox"/> Attached, Document ID: _Narrative <input type="checkbox"/> Not Applicable		
9. Other Information Required by Rule or Statute <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable		
10. Supplemental Requirements Comment: Process flow diagrams and fuel analyses have been previously submitted. Supplemental information is provided in the narrative description accompanying these forms.		

Additional Supplemental Requirements for Title V Air Operation Permit Applications

11. Alternative Methods of Operation <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
12. Alternative Modes of Operation (Emissions Trading) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
13. Identification of Additional Applicable Requirements <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
14. Compliance Assurance Monitoring Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
15. Acid Rain Part Application (Hard-copy Required) <input type="checkbox"/> Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: _____ <input type="checkbox"/> Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____ <input type="checkbox"/> New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____ <input type="checkbox"/> Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____ <input type="checkbox"/> Phase II NOx Compliance Plan (Form No. 62-210.900(1)(a)4.) Attached, Document ID: _____ <input type="checkbox"/> Phase NOx Averaging Plan (Form No. 62-210.900(1)(a)5.) Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

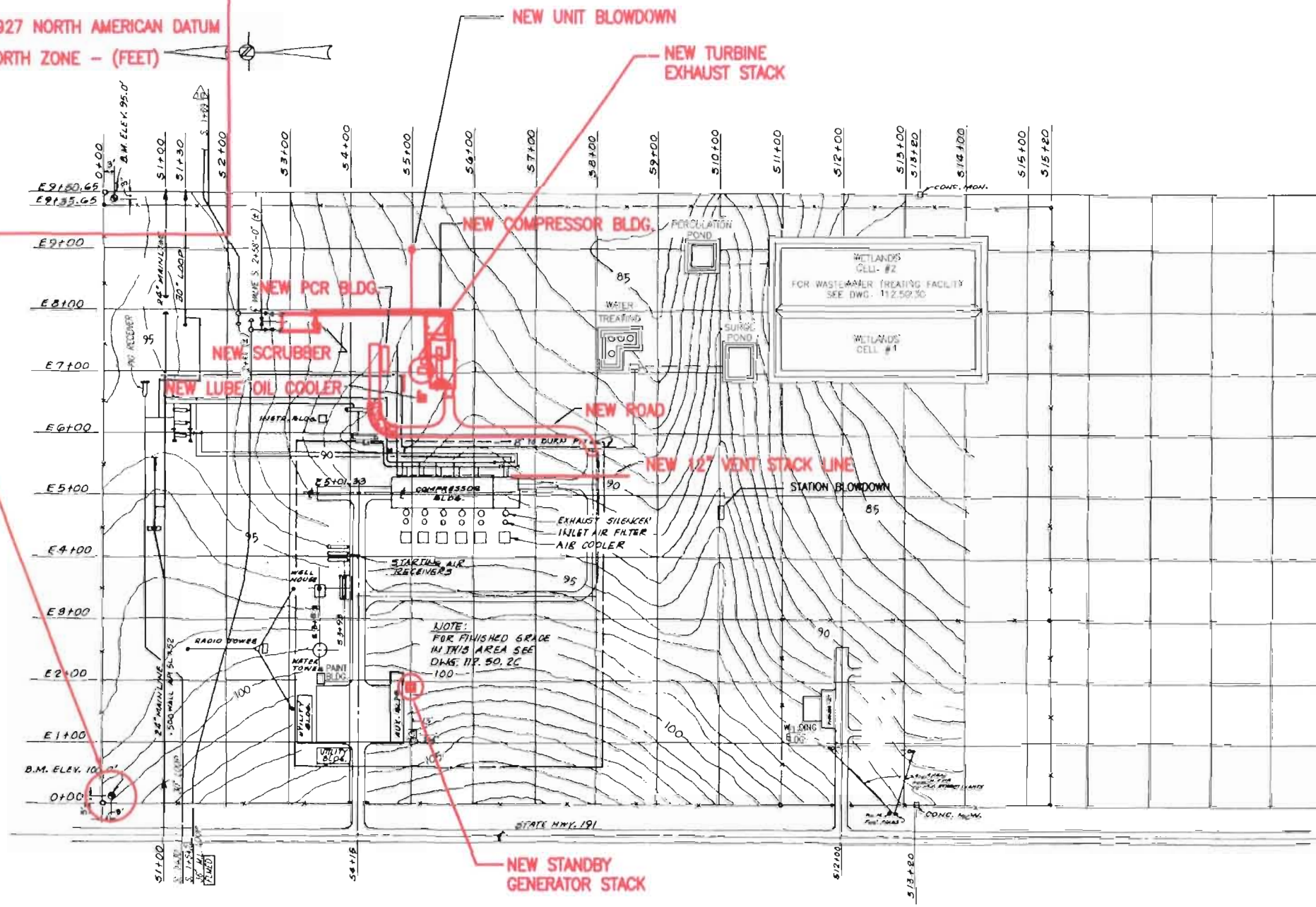
Attachment B

Plot Plan

COMPRESSOR STATION COORDINATES
 PERMANENT BENCH MARK - (FEET)
 S 0+03' E 0+03'

LAMBERT CONFORMAL CONIC PROJECTION 1927 NORTH AMERICAN DATUM
 BASED ON FLORIDA COORDINATE SYSTEM NORTH ZONE - (FEET)
 X=692,400' Y=332,300'

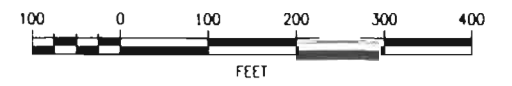
UNIVERSAL TRANSVERSE MECA TOR
 ZONE 16 - (METERS)
 N. 3,419,710 E. 510,710



DESCRIPTION

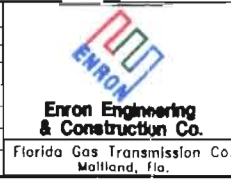
The Southwest 1/4 of the Southwest 1/4 of the Northwest 1/4 the West 1/2 of the Southeast 1/4 of the Southwest 1/4 of the Northwest 1/4 the West 1/2 of the Northwest 1/4 of the Southwest 1/4 and the West 1/2 of the East 1/2 of the Northwest 1/4 of the Southwest 1/4 all in Section 30, Township 5 North, Range 26 West, containing 45 Acres, More or Less

NOTE:
 PHASE IV CONSTRUCTION IS SHOWN WITH BOLD TEXT.



PREVIOUS AS BUILT DWG. 112.50.1C

304N.11A.TIF	NO.	REVISION - DESCRIPTION	BY	DATE	CHKD	APP'D	CADD	DWG. STATUS	CHECKED	APPROVED	PLT/STA. ACCT. NO.	CONSTRUCTION YR	2000			
								PREL'Y	BY	DATE	BY	DATE	BY	DATE	BY	DATE
								BID	BY	DATE	BY	DATE	BY	DATE	BY	DATE
								CONSTR.	BY	DATE	BY	DATE	BY	DATE	BY	DATE
FILE NO.		10/14/1999		14:41		304M31A.DWG		SCALE		1"=100'-0" @ 36"x24"		Enron Engineering & Construction Co. Florida Gas Transmission Co. Malland, Fla.				
DWG. NO.		REFERENCE DRAWING TITLE		NO.		REVISION - DESCRIPTION		BY		DATE		SHEET 1 OF 1				



COMPRESSOR STATION NO. 12A FGT PHASE IV EXPANSION TURBINE/ COMPRESSOR ADDITION SITE PLAN SANTA ROSA COUNTY, FLORIDA		AFC/WORK ORDER	S99312
ASBUILT DWG. NO.		M3-1A	
CONSTRUCTION DWG. NO.		REV. NO.	
SHEET 1 OF 1		C	

Attachment C

Vendor Information

Solar Mars 90-T13002S Turbine

Caterpillar Model 3412 Natural Gas-fired Reciprocating Engine

Solar Mars 90-T13002S Turbine

NEW EQUIPMENT PREDICTED EMISSION PERFORMANCE
DATA FOR STATION 12

Fuel: SD NATURAL GAS	Customer:
Water Injection: NO	Inquiry Number:
Model: MARS 90-T13002S CS/MD	122F MATCH GAS
Emissions Data: REV. 0.0	

CRITICAL WARNINGS IN USE OF DATA FOR PERMITTING

1. Short term permitting values such as PPMV or lbs/hr should be based on worst case actual operating conditions specific to the application and the site. Worst case for one pollutant is not necessarily the same for another. The values on this form are only predicted emissions at one specific operating condition; not necessarily the worst case.
2. Long term reference emission units (e.g. tons/yr) should reference the average conditions at the site (e.g. ISO). That number should not be derived from the worst case value referenced above, or conversely this average must not be used to calculate worst case.
3. Nominal values are based on actual test results, or predicted in the case of no actual engine tests. Expected maximum values should be referenced for permitting.
4. If a SoLoNOx model is planned to be installed in the future, use no less than 50 PPMv CO.

The following predicted emissions performance is based on the following specific single point: (see attached)

Hp= 10350, %Full Load= 81.3, Elev= 0 ft, %RH= 60.0, Temperature= 59.0 F

NOX		CO		UHC		
NOM	MAX	NOM	MAX	NOM	MAX	
*	25.00	*	50.00	*	25.000	PPMvd at 15% O2
*	38.56	*	46.95	*	13.446	ton/yr

* NOMINAL EMISSIONS DATA UNAVAILABLE FOR THIS ENGINE

OTHER IMPORTANT NOTES

1. Solar does not provide maximum values for water-to-fuel ratio, SOx, particulates, or conditions outside those above without separate written approval.
2. Solar can optionally provide factory testing in San Diego to ensure the actual unit(s) meet the above values within the tolerances quoted. Pricing and schedule impact will be provided upon request.
3. Fuel must meet Solar standard fuel specification ES 9-98. Predicted emissions are based on the attached fuel composition, or, San Diego natural gas or equivalent.
4. If the above information is being used regarding existing equipment, it should be verified by actual site testing.

SOLAR TURBINES INCORPORATED
ENGINE PERFORMANCE CODE REV. 2.84
JOB ID:

DATE RUN: 7-SEP-99
RUN BY: Corrine XxCasadonte

MARS 90-T13002S
CS/MD
122F MATCH
GAS
TME-2S REV. 2.1

STATION 12

DATA FOR MINIMUM PERFORMANCE

Fuel Type	SD NATURAL GAS	
Elevation	Feet	0
Inlet Loss	in. H2O	0
Exhaust Loss	in. H2O	0
Engine Inlet Temp.	Deg. F	59.0
Relative Humidity	%	60.0
Inlet Loss	Hp	0
Exhaust Loss	Hp	0
Driven Equipment Speed	RPM	7931
Optimum Equipment Speed	RPM	7931
Gas Generator Speed	RPM	10801
Specified Load	Hp	10350
Net Output Power	Hp	10350
Fuel Flow	MMBtu/hr	88.58
Heat Rate	Btu/Hp-hr	8558
Inlet Air Flow	lbm/hr	296412
Engine Exhaust Flow	lbm/hr	299731
PCD	psi(g)	202.4
PT Inlet Temp. (T5)	Deg. F	1180
Compensated PTIT	Deg. F	1199
Exhaust Temperature	Deg. F	833

NEW EQUIPMENT PREDICTED EMISSION PERFORMANCE
DATA FOR STATION 12

Fuel: SD NATURAL GAS Customer:
 Water Injection: NO Inquiry Number:
 Number of Engines Tested: 0
 Model: MARS 90-T13002S CS/MD 122F MATCH GAS
 Emissions Data: REV. 0.0

CRITICAL WARNINGS IN USE OF DATA FOR PERMITTING

1. Short term permitting values such as PPMV or lbs/hr should be based on worst case actual operating conditions specific to the application and the site. Worst case for one pollutant is not necessarily the same for another. The values on this form are only predicted emissions at one specific operating condition; not necessarily the worst case.
2. Long term reference emission units (e.g. tons/yr) should reference the average conditions at the site (e.g. ISO). That number should not be derived from the worst case value referenced above, or conversely this average must not be used to calculate worst case.
3. Nominal values are based on actual test results, or predicted in the case of no actual engine tests. Expected maximum values should be referenced for permitting.
4. If a SoLoNOx model is planned to be installed in the future, use no less than 50 PPMv CO.

The following predicted emissions performance is based on the following specific single point: (see attached)

Hp= 10350, %Full Load= 86.4, Elev= 90 ft, %RH= 100.0, Temperature= 65.0 F

NOX		CO		UHC	
NOM	MAX	NOM	MAX	NOM	MAX
*	25.00	*	50.00	*	25.000
*	38.12	*	46.41	*	13.292
					ton/yr
					PPMvd at 15% O2

Hp= 10156, %Full Load= 100.0, Elev= 90 ft, %RH= 100.0, Temperature= 95.0 F

NOX		CO		UHC	
NOM	MAX	NOM	MAX	NOM	MAX
*	25.00	*	50.00	*	25.000
*	37.51	*	45.67	*	13.080
					ton/yr
					PPMvd at 15% O2

* NOMINAL EMISSIONS DATA UNAVAILABLE FOR THIS ENGINE

OTHER IMPORTANT NOTES

1. Solar does not provide maximum values for water-to-fuel ratio, SO_x, particulates, or conditions outside those above without separate written approval.
2. Solar can optionally provide factory testing in San Diego to ensure the actual unit(s) meet the above values within the tolerances quoted. Pricing and schedule impact will be provided upon request.
3. Fuel must meet Solar standard fuel specification ES 9-98. Predicted emissions are based on the attached fuel composition, or, San Diego natural gas or equivalent.
4. If the above information is being used regarding existing equipment, it should be verified by actual site testing.

SOLAR TURBINES INCORPORATED
ENGINE PERFORMANCE CODE REV. 2.84
JOB ID:

DATE RUN: 7-SEP-99
RUN BY: Corrine XXCasadonte

MARS 90-T13002S
CS/MD
122F MATCH
GAS
TME-2S REV. 2.1

STATION 12

DATA FOR MINIMUM PERFORMANCE

Fuel Type	SD NATURAL GAS		
Elevation	Feet	90	
Inlet Loss	in. H2O	4.0	
Exhaust Loss	in. H2O	4.0	
Engine Inlet Temp.	Deg. F	65.0	95.0
Relative Humidity	%	100.0	100.0
Elevation Loss	Hp	36	35
Inlet Loss	Hp	195	193
Exhaust Loss	Hp	86	87
Driven Equipment Speed	RPM	7944	8098
Optimum Equipment Speed	RPM	7944	8098
Gas Generator Speed	RPM	10898	11168
Specified Load	Hp	10350	FULL
Net Output Power	Hp	10350	10156
Fuel Flow	MMBtu/hr	88.15	88.68
Heat Rate	Btu/Hp-hr	8517	8731
Inlet Air Flow	lbm/hr	291346	274886
Engine Exhaust Flow	lbm/hr	294661	278281
PCD	psi(g)	202.9	196.3
PT Inlet Temp. (T5)	Deg. F	1185	1256
Compensated PTIT	Deg. F	1203	1266
Exhaust Temperature	Deg. F	841	909

Caterpillar Model 3412 Natural Gas-fired Reciprocating Engine

5769SS1 V4R2MO 960228 Print Key output ALTORFER Page 1 09/23/99 15:47:41.

Display Device : EME0302
User : XUPBO3CWT

-GKIE06- TMI - ENGINE AND COMP PERF DATE:
09/23/93 TIME:
O5 - INDUSTRIAL ENGINE PERFORMANCE TURBO QTY:
15:46:38
G3412 SI TA SC FUEL TYPE: NATURAL GA FUEL PR: 1 PSI C/R: 11.4:1
637 BHP @ 1800 RPM CARB: LOL NOX LVL: 2 g/bhp-hr IGN: EIS
DM0759-00 ELEK A/F CONT: CAM TYPE: LOL PISTON: JW TEMP: DEG F
210 EFF S/N: A/C TEMP: DEG F

129
INFO CODE 05 - EMISSIONS DATA * * * * * RATED SPEED * * * * *
* * *

"NOT TO EXCEED DATA"

Table with 10 columns: ENG PWR, BHP, LAMBDA, LOAD, NOX (AS NO2), CO, TOTAL HC, LB/KR, NON-METH NC, TNS/HR, C02, IN EXE (VOL), 02 (DRY), 1.62, 1.58, 1.40.

PRESS <ENTER> FOR ADDITIONAL DATA
NEXT TRAN: INFO CODE (05) UNIT TYPE (E)
OTHER METRIC DISPLAYS: MG/NM3 () PPM () G/HP-HR ()
HLP-F1 ACF-F3 PGM-F4 SEL-F5 G/GJ () IDX-

Print Key Output

5769SS1 V4R2MO 980228
Display Device
User

ALTORFER

09/23/99 15:47:46

EME0302
XUPBO3CWT

-GKIE07 TMI - ENGINE AND COMP PERF DATE:
09/23/99 TIME:
05 - INDUSTRIAL ENGINE PERFORMANCE TURBO Qf1
15:46:47
G3412 ST TA SC FUEL TYPE: NATURAL GA FUEL PR: 1 PSI C/R:
11.4:1
637 BHP @ 1800 RPM CARB: LOL NOX LVL: 2. g/bhp-hr IGN: E1S
DM0755-00 ELEK A/P CONT: CAM TYPE: LOL PISTON: JW TEMP:DEG F 210
EFF S/N: A/C TEMP:DEG F 129
INFO CODE 05 - EMTSSIONS DATA * * * * * RATED CONDITIONS * * * * *
* * *

"NOMINAL DATA"

WET EXHAUST MASS		6795 LB/HR
WET EXHAUST FLOW (700 DEG F STACK TEMP)		3125 CPM
WET EXHAUST FLOW RATE (32 DEG F AND 30.00 IN HG)		1426 SCFM
DRY EXHAUST FLOW RATE (32 DEG F AND 30.00 IN HG)		1426 SCFM
FUEL PLOW RATE (32 DEC F AND 30.00 IN HG)		86 SCFM

PRESS <ENTER> TO CONTINUE

NEXT TRAN: INFO CODE (06) UNIT TYPE (E)

HLP-F1 ACT-F1 PGM-F4 SEL-F5

IDX-F9

Attachment D
Emission Calculations

Engine Emissions

Fugitive Leak Emissions

Compressor Station No. 12
Engine No. 1207

NOx Emissions: (Based on Vendor Data)

$$\text{lb NOx/hr} = 8.80$$

$$\begin{aligned} \text{tons NOx/yr} &= (\text{lb NOx/hr})(\text{hr/yr})(1 \text{ ton}/2000 \text{ lb}) \\ &= (8.8 \text{ lb NOx/hr})(8760 \text{ hr/yr})(1 \text{ ton}/2000 \text{ lb}) \\ &= 38.560 \end{aligned}$$

CO Emissions: (Based on Vendor Data)

$$\text{lb CO/hr} = 10.72$$

$$\begin{aligned} \text{tons CO/yr} &= (\text{lb CO/hr})(\text{hr/yr})(1 \text{ ton}/2000 \text{ lb}) \\ &= (10.7 \text{ lb CO/hr})(8760 \text{ hr/yr})(1 \text{ ton}/2000 \text{ lb}) \\ &= 46.950 \end{aligned}$$

VOC Emissions: (Based on Vendor Data)

$$\text{lb VOC/hr} = 0.306$$

$$\begin{aligned} \text{tons VOC/yr} &= (\text{lb VOC/hr})(\text{hr/yr})(1 \text{ ton}/2000 \text{ lb}) \\ &= (0.31 \text{ lb VOC/hr})(8760 \text{ hr/yr})(1 \text{ ton}/2000 \text{ lb}) \\ &= 1.3400 \end{aligned}$$

PM Emissions: (Based on AP-42, 5th Ed. Table 1.4-2)

$$\begin{aligned} \text{lb PM/hr} &= (\text{lb PM/MMscf})(\text{MMscf/hr}) \\ &= (5.0 \text{ MMscf/hr})(0.0937 \text{ MMscf/hr}) \\ &= 0.4685 \end{aligned}$$

$$\begin{aligned} \text{tons PM/yr} &= (\text{lb PM/hr})(\text{hr/yr})(1 \text{ ton}/2000 \text{ lb}) \\ &= (5.0 \text{ lb PM/hr})(8760 \text{ hr/yr})(1 \text{ ton}/2000 \text{ lb}) \\ &= 2.05 \end{aligned}$$

PM10 Emissions: (Based on AP-42, 5th Ed. Table 1.4-2)

$$\begin{aligned} \text{lb PM10/hr} &= (\text{lb PM10/MMscf})(\text{MMscf/hr}) \\ &= (5.0 \text{ MMscf/hr}) \\ &= 0.47 \end{aligned}$$

$$\begin{aligned} \text{tons PM10/yr} &= (\text{lb PM10/hr})(\text{hr/yr})(1 \text{ ton}/2000 \text{ lb}) \\ &= (5.0 \text{ MMscf/hr})(0.0937 \text{ MMscf/hr}) \\ &= 2.05 \end{aligned}$$

SO2 Emissions: (Based on FERC Limits)

$$\begin{aligned} \text{lb S/hr} &= (\text{gr S}/100 \text{ scf})(\text{MMscf/hr})(1 \text{ lb}/7000 \text{ gr}) \\ &= (10 \text{ gr S}/100 \text{ scf})(0.0937 \text{ MMscf/hr})(1 \text{ lb}/7000 \text{ gr}) \\ &= 1.34 \end{aligned}$$

$$\begin{aligned} \text{lb SO2/hr} &= (\text{lb S/hr})(2 \text{ lb SO2}/\text{lb S}) \\ &= (1.34 \text{ lb S/hr})(2 \text{ lb SO2}/\text{lb S}) \\ &= 2.68 \end{aligned}$$

$$\begin{aligned} \text{tons SO2/yr} &= (\text{lb SO2/hr})(\text{hr/yr})(1 \text{ ton}/2000 \text{ lb}) \\ &= (2.68 \text{ lb SO2/hr})(8760 \text{ hr/yr})(1 \text{ ton}/2000 \text{ lb}) \\ &= 11.7247 \end{aligned}$$

Compressor Station No. 12

Engine No. Gen 03

NOx Emissions: (Based on Vendor Data)

$$\text{lb NOx/hr} = 2.8$$

$$\begin{aligned} \text{tons NOx/yr} &= (\text{lb NOx/hr})(\text{hr/yr})(1 \text{ ton}/2000 \text{ lb}) \\ &= (2.8 \text{ lb NOx/hr})(500 \text{ hr/yr})(1 \text{ ton}/2000 \text{ lb}) \\ &= 0.700 \end{aligned}$$

CO Emissions: (Based on Vendor Data)

$$\text{lb CO/hr} = 2.25$$

$$\begin{aligned} \text{tons CO/yr} &= (\text{lb CO/hr})(\text{hr/yr})(1 \text{ ton}/2000 \text{ lb}) \\ &= (2.3 \text{ lb CO/hr})(500 \text{ hr/yr})(1 \text{ ton}/2000 \text{ lb}) \\ &= 0.563 \end{aligned}$$

VOC Emissions: (Based on Vendor Data)

$$\text{lb VOC/hr} = 0.930$$

$$\begin{aligned} \text{tons VOC/yr} &= (\text{lb VOC/hr})(\text{hr/yr})(1 \text{ ton}/2000 \text{ lb}) \\ &= (0.00 \text{ lb VOC/hr})(0 \text{ hr/yr})(1 \text{ ton}/2000 \text{ lb}) \\ &= 0.2325 \end{aligned}$$

SO2 Emissions: (Based on 0.031)

$$\begin{aligned} \text{lb S/hr} &= (\text{gr S}/100 \text{ scf})(\text{MMscf/hr})(1 \text{ lb}/7000 \text{ gr}) \\ &\quad (10 \text{ gr S}/100 \text{ scf})(0.0052 \text{ MMscf/hr})(1 \text{ lb}/7000 \\ &\quad \text{gr}) \\ &= 0.07 \end{aligned}$$

$$\begin{aligned} \text{lb SO}_2/\text{hr} &= (\text{lb S/hr})(2 \text{ lb SO}_2/\text{lb S}) \\ &= (0.00 \text{ lb S/hr})(2 \text{ lb SO}_2/\text{lb S}) \\ &= 0.15 \end{aligned}$$

$$\begin{aligned} \text{tons SO}_2/\text{yr} &= (\text{lb SO}_2/\text{hr})(\text{hr/yr})(1 \text{ ton}/2000 \text{ lb}) \\ &= (0.00 \text{ lb SO}_2/\text{hr})(0 \text{ hr/yr})(1 \text{ ton}/2000 \text{ lb}) \\ &= 0.04 \end{aligned}$$

PM Emissions: (Based on AP-42, 5th Ed. Table 1.4-2)

$$\begin{aligned} \text{lb PM/hr} &= (\text{lb PM}/\text{MMscf})(\text{MMscf/hr}) \\ &= (5.0 \text{ MMscf/hr})(0.0052 \text{ MMscf/hr}) \\ &= 0.0258 \end{aligned}$$

$$\begin{aligned} \text{tons PM/yr} &= (\text{lb PM/hr})(\text{hr/yr})(1 \text{ ton}/2000 \text{ lb}) \\ &= (0.03 \text{ lb PM/hr})(500 \text{ hr/yr})(1 \text{ ton}/2000 \text{ lb}) \\ &= 0.01 \end{aligned}$$

PM10 Emissions: (Based on (2.80 lb/hr)(500 hr/yr)(1 ton/2000 lb) = 0.70 ton/yr)

$$\begin{aligned} \text{lb PM}_{10}/\text{hr} &= (\text{lb PM}_{10}/\text{MMscf})(\text{MMscf/hr}) \\ &= (5.0 \text{ MMscf/hr})(0.0052 \text{ MMscf/hr}) \\ &= 0.0258 \end{aligned}$$

$$\begin{aligned} \text{tons PM}_{10}/\text{yr} &= (\text{lb PM}_{10}/\text{hr})(\text{hr/yr})(1 \text{ ton}/2000 \text{ lb}) \\ &= (0.03 \text{ lb PM}_{10}/\text{hr})(500 \text{ hr/yr})(1 \text{ ton}/2000 \text{ lb}) \\ &= 0.01 \end{aligned}$$

Fugitive VOC Emissions

Existing							
Component	Service	Component Count	Emissions * Factor (ton/yr)	NM/NE Fraction	Emissions (ton/yr)		
Valves	Gas	376	0.0434606	0.05		0.82	
Flanges	Gas	497	0.0037666	0.05		0.09	
Open-Ended Line	Gas	14	0.0193158	0.05		0.01	
Pumps	Gas	0	0.023179	0.05		0.00	
Other	Gas	8	0.0849895	0.05		0.03	
*EPA publication EPA-453/R-95-017, November 1995, "Protocol for Equipment Leak EmissionEstimates"						TOTAL:	0.96

Project Added							
Component	Service	Component Count	Emissions * Factor (ton/yr)	NM/NE Fraction	Emissions (ton/yr)		
Valves	Gas	77	0.0434606	0.05		0.17	
Flanges	Gas	131	0.0037666	0.05		0.02	
Open-Ended Line	Gas	0	0.0193158	0.05		0.00	
Pumps	Gas	0	0.023179	0.05		0.00	
Other	Gas	0	0.0849895	0.05		0.00	
*EPA publication EPA-453/R-95-017, November 1995, "Protocol for Equipment Leak EmissionEstimates"						TOTAL:	0.19

Future Total							
Component	Service	Component Count	Emissions * Factor (ton/yr)	NM/NE Fraction	Emissions (ton/yr)		
Valves	Gas	453	0.0434606	0.05		0.98	
Flanges	Gas	628	0.0037666	0.05		0.12	
Open-Ended Line	Gas	14	0.0193158	0.05		0.014	
Pumps	Gas	0	0.023179	0.05		0.00	
Other	Gas	8	0.0849895	0.05		0.03	
*EPA publication EPA-453/R-95-017, November 1995, "Protocol for Equipment Leak EmissionEstimates"						TOTAL:	1.15

Attachment E

Dispersion Modeling Output

ISCLT3 NO_x 1988

ISCLT3 NO_x 1989

ISCLT3 NO_x 1990

ISCLT3 NO_x 1991

ISCLT3 NO_x 1992

ISCST3 CO 1986

ISCST3 CO 1987

ISCST3 CO 1988

ISCST3 CO 1989

ISCST3 CO 1990

ISCLT3 NO_x 1988

** The results for this run are in file 12LT88E.OUT

CO STARTING

TITLEONE FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1988 Met
TITLETWO Revised building height = 38'
MODELOPT DFAULT CONC RURAL
AVERTIME ANNUAL
POLLUTID NOX
RUNORNOT RUN

CO FINISHED

SO STARTING

SO LOCATION 1207 POINT 214.0 -157.0

** Parameters	QS	HS	TS	VS	DS		
**	-----	-----	-----	-----	-----	---	---
SO SRCPARAM 1207	1.109	17.68	718.1	13.85	2.66		
SO BUILDHGT 1207		11.58	11.58	11.58	11.58	11.58	.00
SO BUILDHGT 1207		11.58	11.58	11.58	11.58	11.58	11.58
SO BUILDHGT 1207		11.58	.00	11.58	11.58		
SO BUILDWID 1207		24.38	27.19	25.86	20.60	12.19	.00
SO BUILDWID 1207		8.62	17.86	24.38	27.19	25.86	20.60
SO BUILDWID 1207		12.19	.00	8.62	17.86		

SO LOCATION GEN03 POINT 62.2 -150.3

** Parameters	QS	HS	TS	VS	DS		
**	-----	-----	-----	-----	-----	---	---
SO SRCPARAM GEN03	0.020	6.10	644.26	45.49	0.2		
SO BUILDHGT GEN03		3.66	3.66	3.66	3.66	3.66	3.66
SO BUILDHGT GEN03		3.66	3.66	3.66	3.66	3.66	3.66
SO BUILDHGT GEN03		3.66	3.66	3.66	3.66		
SO BUILDWID GEN03		39.62	39.52	33.41	22.20	7.62	22.20
SO BUILDWID GEN03		33.41	39.52	39.62	39.52	33.41	22.20
SO BUILDWID GEN03		7.62	22.20	33.41	39.52		

SO SRCGROUP ALL

SO FINISHED

RE STARTING

GRIDCART CLOSEIN STA
GRIDCART CLOSEIN XYINC -886 23 100 -1257 23 100
GRIDCART CLOSEIN END
GRIDCART FAROUT STA
GRIDCART FAROUT XYINC -5486 23 500 -5657 23 500
GRIDCART FAROUT END

RE FINISHED

```

ME STARTING
INPUTFIL  Pensa88.STA
ANEMHGHT  10.
SURFDATA  13899  1988  PENSACOLA
UAIRDATA  12832  1988  APALACHICOLA
STARDATE  ANNUAL

```

** - AMBIENT AIR TEMPERATURE (DEGREES KELVIN) -

```

**          STAB    STAB    STAB    STAB    STAB    STAB
**          CAT 1   CAT 2   CAT 3   CAT 4   CAT 5   CAT 6
**          -----
AVETEMPS  ANNUAL   298.0   298.0   298.0   293.2   288.2   288.2

```

** - MIXING LAYER HEIGHT (METERS) -

```

**          S
**          T    WS    WS    WS    WS    WS    WS
**          SEAS A  CAT 1  CAT 2  CAT 3  CAT 4  CAT 5  CAT 6
**          ---- B  -----
AVEMIXHT  ANNUAL 1  .180E+04 .180E+04 .180E+04 .180E+04 .180E+04 .180E+04
AVEMIXHT  ANNUAL 2  .120E+04 .120E+04 .120E+04 .120E+04 .120E+04 .120E+04
AVEMIXHT  ANNUAL 3  .120E+04 .120E+04 .120E+04 .120E+04 .120E+04 .120E+04
AVEMIXHT  ANNUAL 4  .120E+04 .120E+04 .120E+04 .120E+04 .120E+04 .120E+04
AVEMIXHT  ANNUAL 5  .100E+05 .100E+05 .100E+05 .100E+05 .100E+05 .100E+05
AVEMIXHT  ANNUAL 6  .100E+05 .100E+05 .100E+05 .100E+05 .100E+05 .100E+05

```

ME FINISHED

```

OU STARTING
RECTABLE  SRCGRP
MAXTABLE  10 INDSRC SRCGRP SOCONT
OU FINISHED

```

```

*****
*** SETUP Finishes Successfully ***
*****

```

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Model Is Setup For Calculation of Average CONCentration Values.
**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses NO plume DEPLETION.

**Model Uses RURAL Dispersion.

**Model Uses Regulatory DEFAULT Options:

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

**Model Assumes Receptors on FLAT Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

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

**Data File Includes 1 STAR Summaries for the Following Months: 0 0 0 0 0 0 0 0 0 0 0 0
 Seasons/Quarters: 0 0 0 0
 and Annual: 1

**This Run Includes: 2 Source(s); 1 Source Group(s); and 1058 Receptor(s)

**The Model Assumes A Pollutant Type of: NOX

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

**Output Options Selected:

Model Outputs Tables of Long Term Values by Receptor (RECTABLE Keyword)
Model Outputs Tables of Maximum Long Term Values (MAXTABLE Keyword)

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
 Output Units = MICROGRAMS/M**3

**Input Runstream File: 12LT88e.IN ; **Output Print File: 12LT88e.OUT

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1988 Met
*** Revised building height = 38'

*** 11/26/99
*** 13:28:04
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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
1207	0	0.11090E+01	214.0	-157.0	0.0	17.68	718.10	13.85	2.66	YES	
GEN03	0	0.20000E-01	62.2	-150.3	0.0	6.10	644.26	45.49	0.20	YES	

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1988 Met
*** Revised building height = 38'

*** 11/26/99
*** 13:28:04
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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

ALL 1207 , GEN03 ,

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1988 Met
*** Revised building height = 38'

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: 1207

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	11.6,	24.4,	0	2	11.6,	27.2,	0	3	11.6,	25.9,	0	4	11.6,	20.6,	0
5	11.6,	12.2,	0	6	0.0,	0.0,	0	7	11.6,	8.6,	0	8	11.6,	17.9,	0
9	11.6,	24.4,	0	10	11.6,	27.2,	0	11	11.6,	25.9,	0	12	11.6,	20.6,	0
13	11.6,	12.2,	0	14	0.0,	0.0,	0	15	11.6,	8.6,	0	16	11.6,	17.9,	0

SOURCE ID: GEN03

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	3.7,	39.6,	0	2	3.7,	39.5,	0	3	3.7,	33.4,	0	4	3.7,	22.2,	0
5	3.7,	7.6,	0	6	3.7,	22.2,	0	7	3.7,	33.4,	0	8	3.7,	39.5,	0
9	3.7,	39.6,	0	10	3.7,	39.5,	0	11	3.7,	33.4,	0	12	3.7,	22.2,	0
13	3.7,	7.6,	0	14	3.7,	22.2,	0	15	3.7,	33.4,	0	16	3.7,	39.5,	0

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1988 Met
*** Revised building height = 38'

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: CLOSEIN ; NETWORK TYPE: GRIDCART ***

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

-886.0,	-786.0,	-686.0,	-586.0,	-486.0,	-386.0,	-286.0,	-186.0,	-86.0,	14.0,
114.0,	214.0,	314.0,	414.0,	514.0,	614.0,	714.0,	814.0,	914.0,	1014.0,
1114.0,	1214.0,	1314.0,							

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

-1257.0,	-1157.0,	-1057.0,	-957.0,	-857.0,	-757.0,	-657.0,	-557.0,	-457.0,	-357.0,
-257.0,	-157.0,	-57.0,	43.0,	143.0,	243.0,	343.0,	443.0,	543.0,	643.0,
743.0,	843.0,	943.0,							

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1988 Met
*** Revised building height = 38'

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: FAROUT ; NETWORK TYPE: GRIDCART ***

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

-5486.0,	-4986.0,	-4486.0,	-3986.0,	-3486.0,	-2986.0,	-2486.0,	-1986.0,	-1486.0,	-986.0,
-486.0,	14.0,	514.0,	1014.0,	1514.0,	2014.0,	2514.0,	3014.0,	3514.0,	4014.0,
4514.0,	5014.0,	5514.0,							

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

-5657.0,	-5157.0,	-4657.0,	-4157.0,	-3657.0,	-3157.0,	-2657.0,	-2157.0,	-1657.0,	-1157.0,
-657.0,	-157.0,	343.0,	843.0,	1343.0,	1843.0,	2343.0,	2843.0,	3343.0,	3843.0,
4343.0,	4843.0,	5343.0,							

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1988 Met
*** Revised building height = 38'

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13:28:04
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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR 3*ZLB IN DISTANCE, OR WITHIN OPEN PIT SOURCE

SOURCE ID	-- RECEPTOR LOCATION -- XR (METERS) YR (METERS)		DISTANCE (METERS)
1207	214.0	-157.0	0.00

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

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

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

*** WIND PROFILE EXPONENTS ***

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

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

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

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

	STABILITY CATEGORY A	STABILITY CATEGORY B	STABILITY CATEGORY C	STABILITY CATEGORY D	STABILITY CATEGORY E	STABILITY CATEGORY F
ANNUAL	298.0000	298.0000	298.0000	293.2000	288.2000	288.2000

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1988 Met

11/26/99

*** Revised building height = 38'

13:28:04

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

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*** AVERAGE MIXING LAYER HEIGHT (METERS) ***

	ANNUAL					
	WIND SPEED	WIND SPEED	WIND SPEED	WIND SPEED	WIND SPEED	WIND SPEED
	CATEGORY 1	CATEGORY 2	CATEGORY 3	CATEGORY 4	CATEGORY 5	CATEGORY 6
STABILITY CATEGORY A	1800.0001	1800.0001	1800.0001	1800.0001	1800.0001	1800.0001
STABILITY CATEGORY B	1200.0000	1200.0000	1200.0000	1200.0000	1200.0000	1200.0000
STABILITY CATEGORY C	1200.0000	1200.0000	1200.0000	1200.0000	1200.0000	1200.0000
STABILITY CATEGORY D	1200.0000	1200.0000	1200.0000	1200.0000	1200.0000	1200.0000
STABILITY CATEGORY E	10000.0000	10000.0000	10000.0000	10000.0000	10000.0000	10000.0000
STABILITY CATEGORY F	10000.0000	10000.0000	10000.0000	10000.0000	10000.0000	10000.0000

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

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

FILE: Pensa88.STA

FORMAT: (6F10.0)

SURFACE STATION NO.: 13899

UPPER AIR STATION NO.: 12832

NAME: PENSACOLA

NAME: APALACHICOLA

YEAR: 1988

YEAR: 1988

ANNUAL: STABILITY CATEGORY A

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00005700	0.00057000	0.00000000	0.00000000	0.00000000	0.00000000
22.500	0.00001200	0.00011400	0.00000000	0.00000000	0.00000000	0.00000000
45.000	0.00002300	0.00022800	0.00000000	0.00000000	0.00000000	0.00000000
67.500	0.00016000	0.00034200	0.00000000	0.00000000	0.00000000	0.00000000
90.000	0.00006900	0.00068400	0.00000000	0.00000000	0.00000000	0.00000000
112.500	0.00005700	0.00057000	0.00000000	0.00000000	0.00000000	0.00000000
135.000	0.00002300	0.00022800	0.00000000	0.00000000	0.00000000	0.00000000
157.500	0.00013700	0.00011400	0.00000000	0.00000000	0.00000000	0.00000000
180.000	0.00014900	0.00022800	0.00000000	0.00000000	0.00000000	0.00000000
202.500	0.00002300	0.00022800	0.00000000	0.00000000	0.00000000	0.00000000
225.000	0.00004600	0.00045600	0.00000000	0.00000000	0.00000000	0.00000000
247.500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
270.000	0.00003500	0.00034200	0.00000000	0.00000000	0.00000000	0.00000000
292.500	0.00003500	0.00034200	0.00000000	0.00000000	0.00000000	0.00000000
315.000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
337.500	0.00009200	0.00091200	0.00000000	0.00000000	0.00000000	0.00000000

ANNUAL: STABILITY CATEGORY B

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00069900	0.00205100	0.00307600	0.00000000	0.00000000	0.00000000
22.500	0.00048300	0.00250600	0.00068400	0.00000000	0.00000000	0.00000000
45.000	0.00030700	0.00136700	0.00057000	0.00000000	0.00000000	0.00000000
67.500	0.00018200	0.00125300	0.00170900	0.00000000	0.00000000	0.00000000
90.000	0.00050000	0.00284800	0.00250600	0.00000000	0.00000000	0.00000000
112.500	0.00074400	0.00296200	0.00284800	0.00000000	0.00000000	0.00000000
135.000	0.00022100	0.00205100	0.00262000	0.00000000	0.00000000	0.00000000
157.500	0.00006200	0.00125300	0.00296200	0.00000000	0.00000000	0.00000000
180.000	0.00015900	0.00079800	0.00227900	0.00000000	0.00000000	0.00000000
202.500	0.00003400	0.00068400	0.00045600	0.00000000	0.00000000	0.00000000

225.000	0.00001700	0.00034200	0.00091200	0.00000000	0.00000000	0.00000000
247.500	0.00017100	0.00102600	0.00034200	0.00000000	0.00000000	0.00000000
270.000	0.00027900	0.00079800	0.00057000	0.00000000	0.00000000	0.00000000
292.500	0.00016500	0.00091200	0.00022800	0.00000000	0.00000000	0.00000000
315.000	0.00008500	0.00170900	0.00079800	0.00000000	0.00000000	0.00000000
337.500	0.00045500	0.00193700	0.00136700	0.00000000	0.00000000	0.00000000

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

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

FILE: PENSAS88.STA

FORMAT: (6F10.0)

SURFACE STATION NO.: 13899

UPPER AIR STATION NO.: 12832

NAME: PENSACOLA

NAME: APALACHICOLA

YEAR: 1988

YEAR: 1988

ANNUAL: STABILITY CATEGORY C

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00088200	0.00512600	0.01070800	0.00216500	0.00011400	0.00000000
22.500	0.00042000	0.00239300	0.00330400	0.00091200	0.00000000	0.00000000
45.000	0.00029200	0.00239300	0.00387300	0.00011400	0.00000000	0.00000000
67.500	0.00053100	0.00330400	0.00341800	0.00000000	0.00000000	0.00000000
90.000	0.00073100	0.00284800	0.00763200	0.00068400	0.00000000	0.00000000
112.500	0.00019500	0.00159500	0.00592400	0.00273400	0.00000000	0.00000000
135.000	0.00034000	0.00068400	0.00808800	0.00478500	0.00000000	0.00000000
157.500	0.00007000	0.00057000	0.00694900	0.00398700	0.00000000	0.00000000
180.000	0.00030900	0.00148100	0.01025200	0.00592400	0.00022800	0.00000000
202.500	0.00008400	0.00068400	0.00353200	0.00170900	0.00000000	0.00000000
225.000	0.00008400	0.00068400	0.00148100	0.00091200	0.00000000	0.00000000
247.500	0.00008400	0.00068400	0.00205100	0.00045600	0.00000000	0.00000000
270.000	0.00015300	0.00125300	0.00170900	0.00045600	0.00000000	0.00000000
292.500	0.00009800	0.00079800	0.00330400	0.00079800	0.00000000	0.00000000
315.000	0.00024000	0.00091200	0.00444300	0.00125300	0.00022800	0.00000000
337.500	0.00039200	0.00216500	0.00398700	0.00114000	0.00000000	0.00000000

ANNUAL: STABILITY CATEGORY D

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00081200	0.00774600	0.02312400	0.02369300	0.00102600	0.00000000
22.500	0.00068600	0.00558200	0.00854400	0.00421500	0.00011400	0.00000000
45.000	0.00069300	0.00569600	0.00934100	0.00375900	0.00000000	0.00000000
67.500	0.00065800	0.00717700	0.01070800	0.00136700	0.00000000	0.00000000
90.000	0.00106800	0.00592400	0.02096000	0.00888500	0.00000000	0.00000000
112.500	0.00058700	0.00387300	0.01651700	0.01674500	0.00045600	0.00000000
135.000	0.00041400	0.00296200	0.01093600	0.01310000	0.00102600	0.00011400
157.500	0.00012600	0.00216500	0.00968300	0.01207500	0.00057000	0.00000000
180.000	0.00031800	0.00546800	0.01742800	0.02312400	0.00091200	0.00045600
202.500	0.00027300	0.00262000	0.00979700	0.01264400	0.00022800	0.00000000

225.000	0.00010000	0.00170900	0.00888500	0.00968300	0.00045600	0.00000000
247.500	0.00006000	0.00102600	0.00660700	0.00512600	0.00079800	0.00000000
270.000	0.00022700	0.00182300	0.00569600	0.00489900	0.00057000	0.00000000
292.500	0.00019400	0.00125300	0.00398700	0.00364600	0.00114000	0.00000000
315.000	0.00010600	0.00182300	0.00467100	0.01082200	0.00068400	0.00011400
337.500	0.00029300	0.00296200	0.00820200	0.01435300	0.00148100	0.00000000

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

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

FILE: PENSAB88.STA

FORMAT: (6F10.0)

SURFACE STATION NO.: 13899

UPPER AIR STATION NO.: 12832

NAME: PENSACOLA

NAME: APALACHICOLA

YEAR: 1988

YEAR: 1988

ANNUAL: STABILITY CATEGORY E

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00000000	0.00694900	0.02312400	0.00000000	0.00000000	0.00000000
22.500	0.00000000	0.00444300	0.00319000	0.00000000	0.00000000	0.00000000
45.000	0.00000000	0.00467100	0.00410100	0.00000000	0.00000000	0.00000000
67.500	0.00000000	0.00626500	0.00330400	0.00000000	0.00000000	0.00000000
90.000	0.00000000	0.00694900	0.00478500	0.00000000	0.00000000	0.00000000
112.500	0.00000000	0.00410100	0.00239300	0.00000000	0.00000000	0.00000000
135.000	0.00000000	0.00227900	0.00205100	0.00000000	0.00000000	0.00000000
157.500	0.00000000	0.00170900	0.00250600	0.00000000	0.00000000	0.00000000
180.000	0.00000000	0.00478500	0.00637900	0.00000000	0.00000000	0.00000000
202.500	0.00000000	0.00114000	0.00444300	0.00000000	0.00000000	0.00000000
225.000	0.00000000	0.00444300	0.00535400	0.00000000	0.00000000	0.00000000
247.500	0.00000000	0.00273400	0.00546800	0.00000000	0.00000000	0.00000000
270.000	0.00000000	0.00273400	0.00592400	0.00000000	0.00000000	0.00000000
292.500	0.00000000	0.00284800	0.00444300	0.00000000	0.00000000	0.00000000
315.000	0.00000000	0.00239300	0.00546800	0.00000000	0.00000000	0.00000000
337.500	0.00000000	0.00569600	0.01139100	0.00000000	0.00000000	0.00000000

ANNUAL: STABILITY CATEGORY F

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.01585400	0.02711100	0.00000000	0.00000000	0.00000000	0.00000000
22.500	0.00524900	0.00979700	0.00000000	0.00000000	0.00000000	0.00000000
45.000	0.00615600	0.01230300	0.00000000	0.00000000	0.00000000	0.00000000
67.500	0.00461000	0.00888500	0.00000000	0.00000000	0.00000000	0.00000000
90.000	0.00397200	0.00626500	0.00000000	0.00000000	0.00000000	0.00000000
112.500	0.00235400	0.00307600	0.00000000	0.00000000	0.00000000	0.00000000
135.000	0.00224900	0.00364600	0.00000000	0.00000000	0.00000000	0.00000000
157.500	0.00206500	0.00227900	0.00000000	0.00000000	0.00000000	0.00000000
180.000	0.00416900	0.00637900	0.00000000	0.00000000	0.00000000	0.00000000
202.500	0.00299100	0.00569600	0.00000000	0.00000000	0.00000000	0.00000000

225.000	0.00468500	0.00694900	0.00000000	0.00000000	0.00000000	0.00000000
247.500	0.00435300	0.00774600	0.00000000	0.00000000	0.00000000	0.00000000
270.000	0.00272200	0.00581000	0.00000000	0.00000000	0.00000000	0.00000000
292.500	0.00346300	0.00786000	0.00000000	0.00000000	0.00000000	0.00000000
315.000	0.00599800	0.00672100	0.00000000	0.00000000	0.00000000	0.00000000
337.500	0.01124500	0.01822600	0.00000000	0.00000000	0.00000000	0.00000000

SUM OF FREQUENCIES, FTOTAL = 1.00013

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: CLOSEIN ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)									
	-886.00	-786.00	-686.00	-586.00	-486.00	-386.00	-286.00	-186.00	-86.00	
943.00	0.027350	0.027056	0.026716	0.026352	0.025990	0.025751	0.027441	0.029934	0.033144	
843.00	0.027437	0.027831	0.027432	0.026992	0.026539	0.026112	0.027222	0.029649	0.033107	
743.00	0.027614	0.027864	0.028238	0.027724	0.027177	0.026628	0.026777	0.029429	0.033056	
643.00	0.027924	0.028048	0.028250	0.028601	0.027931	0.027301	0.026669	0.029199	0.033614	
543.00	0.028349	0.028450	0.028523	0.028640	0.029015	0.028308	0.027824	0.030260	0.036514	
443.00	0.028938	0.029059	0.029120	0.029188	0.029352	0.029782	0.030857	0.031962	0.040950	
343.00	0.029734	0.029936	0.030154	0.030333	0.030287	0.031209	0.033321	0.035513	0.044345	
243.00	0.030439	0.031013	0.031587	0.032059	0.032237	0.032944	0.035383	0.039871	0.046919	
143.00	0.031269	0.032014	0.032977	0.034185	0.034137	0.035703	0.039095	0.045054	0.052914	
43.00	0.032248	0.033306	0.034629	0.036376	0.038801	0.041781	0.045098	0.053030	0.063280	
-57.00	0.033417	0.034715	0.036464	0.039228	0.044325	0.050774	0.060192	0.073446	0.080002	
-157.00	0.034513	0.036020	0.038062	0.042023	0.049346	0.058371	0.071103	0.086913	0.092453	
-257.00	0.031029	0.031956	0.033160	0.035638	0.040046	0.044400	0.048518	0.049108	0.048233	
-357.00	0.027606	0.027976	0.028384	0.029343	0.031029	0.032721	0.035515	0.039417	0.044112	
-457.00	0.024383	0.024279	0.024045	0.024599	0.025911	0.028313	0.030780	0.034221	0.038568	
-557.00	0.021610	0.021704	0.022131	0.022743	0.023788	0.025494	0.027332	0.029716	0.037177	
-657.00	0.020363	0.020730	0.021114	0.021513	0.022025	0.023033	0.024610	0.026319	0.037187	
-757.00	0.019783	0.020060	0.020346	0.020606	0.020860	0.021281	0.022279	0.023983	0.035797	
-857.00	0.019352	0.019573	0.019790	0.019946	0.020081	0.020263	0.020660	0.024728	0.033871	
-957.00	0.019054	0.019245	0.019360	0.019436	0.019506	0.019633	0.019867	0.025424	0.033866	
-1057.00	0.018866	0.018975	0.019029	0.019036	0.019103	0.019248	0.020761	0.026135	0.034605	
-1157.00	0.018694	0.018755	0.018738	0.018763	0.018848	0.019006	0.021992	0.027128	0.035681	
-1257.00	0.018543	0.018519	0.018528	0.018580	0.018691	0.019203	0.022906	0.028757	0.036646	

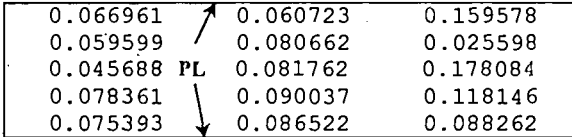
*** MODELING OPTIONS USED: CONC RURAL FLAT DEFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: CLOSEIN ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/M**3 **

Y-COORD (METERS)	14.00	114.00	214.00	314.00	414.00	514.00	614.00	714.00	814.00
943.00	0.036649	0.038560	0.038979	0.033260	0.027787	0.022749	0.019575	0.017783	0.017308
843.00	0.036928	0.038789	0.038832	0.032482	0.026477	0.021719	0.018533	0.017646	0.017182
743.00	0.037291	0.039041	0.038498	0.031392	0.024827	0.020629	0.018096	0.017524	0.017077
643.00	0.039752	0.042033	0.040650	0.032140	0.024653	0.019816	0.018008	0.017423	0.017008
543.00	0.045725	0.048905	0.047110	0.035658	0.027160	0.020240	0.018770	0.017592	0.016819
443.00	0.051824	0.055826	0.052871	0.037722	0.028263	0.022912	0.020844	0.018385	0.016721
343.00	0.059841	0.065070	0.060133	0.041699	0.028731	0.024538	0.021711	0.019439	0.016415
243.00	0.070099	0.077127	0.068802	0.045892	0.031094	0.025831	0.022033	0.018804	0.016313
143.00	0.081439	0.090631	0.083915	0.049009	0.033831	0.026486	0.021248	0.017663	0.015327
43.00	0.087311	0.097170	0.111619	0.052289	0.035752	0.025443	0.020164	0.017059	0.015219
-57.00	0.066961	0.060723	0.159578	0.064496	0.035429	0.025377	0.020447	0.017561	0.015660
-157.00	0.059599	0.080662	0.025598	0.056728	0.035869	0.025819	0.020678	0.017775	0.015960
-257.00	0.045688	0.081762	0.178084	0.034148	0.018191	0.015350	0.014556	0.013740	0.013245
-357.00	0.078361	0.090037	0.118146	0.057712	0.026233	0.016372	0.011788	0.010286	0.010987
-457.00	0.075393	0.086522	0.088262	0.055526	0.033281	0.020861	0.015234	0.012146	0.010777
-557.00	0.064869	0.077809	0.074319	0.051730	0.035042	0.024446	0.017727	0.014569	0.012839
-657.00	0.056346	0.069076	0.067313	0.048465	0.035983	0.026817	0.020427	0.016413	0.014652
-757.00	0.052483	0.062252	0.061611	0.045882	0.036521	0.028808	0.022745	0.018614	0.015820
-857.00	0.049488	0.057377	0.057456	0.045446	0.036490	0.028682	0.023856	0.019898	0.017603
-957.00	0.046093	0.052136	0.052136	0.042871	0.034790	0.029368	0.025335	0.022129	0.019575
-1057.00	0.044815	0.050165	0.050812	0.042907	0.035861	0.030962	0.027245	0.024167	0.021607
-1157.00	0.044916	0.050148	0.051533	0.044456	0.037943	0.032639	0.028856	0.025898	0.023395
-1257.00	0.045072	0.050160	0.052015	0.045610	0.039624	0.034241	0.030410	0.027383	0.024964



*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1988 Met

26/99

*** Revised building height = 38'

13:28:04

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: CLOSEIN ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	914.00	1014.00	1114.00	1214.00	1314.00
943.00	0.016915	0.016600	0.016354	0.016074	0.015801
843.00	0.016813	0.016528	0.016207	0.015897	0.015378
743.00	0.016739	0.016368	0.016015	0.015407	0.014923
643.00	0.016571	0.016165	0.015435	0.014871	0.014439
543.00	0.016357	0.015464	0.014790	0.014294	0.013931
443.00	0.015477	0.014669	0.014088	0.013684	0.013410
343.00	0.014633	0.013790	0.013343	0.013057	0.012920
243.00	0.013908	0.012897	0.012675	0.012608	0.012618
143.00	0.013247	0.012508	0.012415	0.012430	0.012443
43.00	0.014027	0.012739	0.012375	0.012370	0.012369
-57.00	0.014400	0.013004	0.012494	0.012444	0.012410
-157.00	0.014717	0.013299	0.012765	0.012654	0.012569
-257.00	0.012901	0.012297	0.012181	0.012180	0.012178
-357.00	0.011466	0.011638	0.011762	0.011852	0.011898
-457.00	0.010696	0.011352	0.011525	0.011653	0.011736
-557.00	0.012072	0.011722	0.011605	0.011586	0.011686
-657.00	0.013455	0.012970	0.012556	0.012202	0.011959
-757.00	0.014990	0.014307	0.013739	0.013268	0.012880
-857.00	0.016438	0.015646	0.014967	0.014390	0.013899
-957.00	0.017880	0.016941	0.016185	0.015519	0.014935
-1057.00	0.019538	0.018146	0.017349	0.016612	0.015951
-1157.00	0.021296	0.019563	0.018363	0.017640	0.016917
-1257.00	0.022872	0.021089	0.019580	0.018502	0.017816

*** MODELING OPTIONS USED: CONC RURAL FLAT DEFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: FAROUT ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-5486.00	-4986.00	-4486.00	X-COORD (METERS) -3986.00	-3486.00	-2986.00	-2486.00	-1986.00	-1486.00
5343.00	0.010274	0.010457	0.010640	0.010793	0.010910	0.010988	0.011022	0.011432	0.013756
4843.00	0.010914	0.011103	0.011314	0.011513	0.011678	0.011798	0.011865	0.011887	0.013910
4343.00	0.011601	0.011836	0.012064	0.012312	0.012540	0.012718	0.012835	0.012878	0.013971
3843.00	0.012332	0.012624	0.012914	0.013206	0.013510	0.013769	0.013956	0.014052	0.014160
3343.00	0.013104	0.013469	0.013837	0.014208	0.014592	0.014972	0.015260	0.015437	0.015477
2843.00	0.013913	0.014364	0.014825	0.015298	0.015786	0.016304	0.016784	0.017078	0.017198
2343.00	0.014748	0.015297	0.015869	0.016463	0.017082	0.017733	0.018432	0.019023	0.019260
1843.00	0.015479	0.016176	0.016946	0.017682	0.018458	0.019259	0.020114	0.021087	0.021784
1343.00	0.016195	0.016945	0.017784	0.018733	0.019832	0.020859	0.021906	0.022975	0.024211
843.00	0.016915	0.017726	0.018630	0.019646	0.020777	0.022060	0.023505	0.024929	0.026085
343.00	0.017621	0.018497	0.019473	0.020570	0.021780	0.023166	0.024704	0.026278	0.027846
-157.00	0.018289	0.019228	0.020278	0.021462	0.022780	0.024317	0.026113	0.028017	0.030173
-657.00	0.016875	0.017554	0.018271	0.019021	0.019766	0.020486	0.021105	0.021336	0.020921
-1157.00	0.015487	0.015922	0.016332	0.016690	0.016927	0.016995	0.016711	0.016755	0.017616
-1657.00	0.014169	0.014392	0.014546	0.014592	0.014492	0.014991	0.015665	0.016460	0.017411
-2157.00	0.012954	0.013009	0.013124	0.013609	0.014153	0.014771	0.015491	0.016357	0.016772
-2657.00	0.012125	0.012524	0.012958	0.013440	0.013985	0.014613	0.015379	0.015748	0.015964
-3157.00	0.011996	0.012390	0.012822	0.013302	0.013846	0.014474	0.014803	0.014991	0.015214
-3657.00	0.011883	0.012274	0.012703	0.013179	0.013717	0.013993	0.014114	0.014271	0.014497
-4157.00	0.011779	0.012166	0.012590	0.013059	0.013296	0.013388	0.013495	0.013636	0.014132
-4657.00	0.011670	0.012060	0.012477	0.012686	0.012762	0.012841	0.012936	0.013063	0.015703
-5157.00	0.011548	0.011940	0.012142	0.012210	0.012274	0.012344	0.012429	0.012583	0.017241
-5657.00	0.011422	0.011617	0.011702	0.011771	0.011828	0.011890	0.011967	0.013030	0.018352

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: FAROUT ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-986.00	-486.00	14.00	X-COORD (METERS)		1514.00	2014.00	2514.00	3014.00
				514.00	1014.00				
5343.00	0.016246	0.018828	0.021412	0.020727	0.018095	0.015531	0.013117	0.011056	0.010892
4843.00	0.016737	0.019708	0.022698	0.021851	0.018745	0.015752	0.012983	0.011573	0.011378
4343.00	0.017193	0.020638	0.024139	0.023070	0.019354	0.015828	0.012699	0.012107	0.011880
3843.00	0.017579	0.021608	0.025757	0.024378	0.019864	0.015671	0.012997	0.012650	0.012390
3343.00	0.017838	0.022605	0.027600	0.025771	0.020194	0.015142	0.013583	0.013189	0.012900
2843.00	0.017902	0.023496	0.029585	0.027075	0.020059	0.014821	0.014167	0.013709	0.013401
2343.00	0.019300	0.024260	0.031812	0.028211	0.019207	0.015410	0.014627	0.014198	0.013343
1843.00	0.021749	0.024467	0.033913	0.028483	0.017315	0.015670	0.015012	0.013968	0.012928
1343.00	0.024701	0.024669	0.035691	0.026928	0.016880	0.015727	0.014438	0.013319	0.012411
843.00	0.027150	0.026539	0.036928	0.021719	0.016528	0.014542	0.013381	0.012622	0.011979
343.00	0.029539	0.030287	0.059841	0.024538	0.013790	0.012837	0.012514	0.012124	0.011705
-157.00	0.033441	0.049346	0.059599	0.025819	0.013299	0.012472	0.012234	0.011959	0.011596
-657.00	0.020027	0.022025	0.056346	0.026817	0.012970	0.011880	0.011936	0.011681	0.011320
-1157.00	0.018578	0.018848	0.044916	0.032639	0.019563	0.015669	0.013435	0.011880	0.011238
-1657.00	0.017788	0.019818	0.046103	0.039765	0.025686	0.019155	0.015906	0.013715	0.012130
-2157.00	0.017083	0.024267	0.046299	0.042622	0.029166	0.022586	0.017807	0.015121	0.013279
-2657.00	0.016382	0.028005	0.045606	0.043304	0.031972	0.024820	0.020056	0.016290	0.014109
-3157.00	0.017295	0.030044	0.044359	0.042825	0.033455	0.025968	0.021631	0.017957	0.014922
-3657.00	0.020069	0.031028	0.042875	0.041806	0.033999	0.026989	0.022567	0.019150	0.016205
-4157.00	0.021888	0.031236	0.041127	0.040351	0.033814	0.027819	0.023132	0.020001	0.017215
-4657.00	0.023065	0.031148	0.039567	0.038988	0.033421	0.028201	0.023562	0.020569	0.017977
-5157.00	0.023786	0.030831	0.038087	0.037644	0.032851	0.028284	0.024106	0.020917	0.018527
-5657.00	0.024186	0.030373	0.036695	0.036350	0.032181	0.028161	0.024416	0.021097	0.018903

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: FAROUT ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/M**3 **

Y-COORD (METERS)	3514.00	4014.00	4514.00	X-COORD (METERS)	
				5014.00	5514.00

5343.00	0.010757	0.010641	0.010533	0.010418	0.010296
4843.00	0.011221	0.011085	0.010959	0.010837	0.010444
4343.00	0.011698	0.011542	0.011398	0.010963	0.010406
3843.00	0.012185	0.012009	0.011509	0.010879	0.010320
3343.00	0.012675	0.012091	0.011375	0.010748	0.010197
2843.00	0.012709	0.011889	0.011185	0.010575	0.010040
2343.00	0.012412	0.011621	0.010949	0.010369	0.009861
1843.00	0.012030	0.011310	0.010688	0.010149	0.009710
1343.00	0.011686	0.011019	0.010496	0.010031	0.009611
843.00	0.011406	0.010841	0.010359	0.009917	0.009511
343.00	0.011207	0.010694	0.010245	0.009818	0.009422
-157.00	0.011125	0.010622	0.010175	0.009749	0.009353
-657.00	0.010881	0.010415	0.009990	0.009583	0.009205
-1157.00	0.010732	0.010266	0.009834	0.009435	0.009070
-1657.00	0.010933	0.010159	0.009705	0.009305	0.008946
-2157.00	0.011882	0.010787	0.009908	0.009205	0.008835
-2657.00	0.012627	0.011429	0.010467	0.009685	0.009039
-3157.00	0.013130	0.011914	0.010917	0.010092	0.009404
-3657.00	0.013726	0.012245	0.011250	0.010412	0.009702
-4157.00	0.014793	0.012719	0.011475	0.010646	0.009933
-4657.00	0.015662	0.013629	0.011862	0.010801	0.010100
-5157.00	0.016345	0.014387	0.012651	0.011125	0.010196
-5657.00	0.016863	0.015000	0.013320	0.011807	0.010456

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE: 1207 ***

** CONC OF NOX IN MICROGRAMS/M**3 **

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.144269	AT (	214.00, -257.00) GC	6.	0.053489	AT (	214.00, 143.00) GC
2.	0.130505	AT (	214.00, -57.00) GC	7.	0.051614	AT (	214.00, -457.00) GC
3.	0.078655	AT (	214.00, -357.00) GC	8.	0.042472	AT (	314.00, -57.00) GC
4.	0.077968	AT (	214.00, 43.00) GC	9.	0.042202	AT (	214.00, 243.00) GC
5.	0.062682	AT (	114.00, -157.00) GC	10.	0.040251	AT (	214.00, -557.00) GC

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE: GEN03 ***

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.075345	AT (	-86.00, -57.00) GC	6.	0.066625	AT (	14.00, -357.00) GC
2.	0.073831	AT (	114.00, -357.00) GC	7.	0.065920	AT (	-186.00, -157.00) GC
3.	0.071187	AT (	14.00, 43.00) GC	8.	0.065483	AT (	-186.00, -57.00) GC
4.	0.067740	AT (	114.00, -457.00) GC	9.	0.065278	AT (	14.00, -457.00) GC
5.	0.066664	AT (	-86.00, -157.00) GC	10.	0.063653	AT (	14.00, -57.00) GC

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

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1988 Met

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*** Revised building height = 38'

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*** MODELING OPTIONS USED: CONC RURAL FLAT DEFAULT

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: ALL ***
INCLUDING SOURCE(S): 1207 , GEN03 ,

** CONC OF NOX IN MICROGRAMS/M**3 **

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.178084	AT (	214.00, -257.00) GC	6.	0.092453	AT (	-86.00, -157.00) GC
2.	0.159578	AT (	214.00, -57.00) GC	7.	0.090631	AT (	114.00, 143.00) GC
3.	0.118146	AT (	214.00, -357.00) GC	8.	0.090037	AT (	114.00, -357.00) GC
4.	0.111619	AT (	214.00, 43.00) GC	9.	0.088262	AT (	214.00, -457.00) GC
5.	0.097170	AT (	114.00, 43.00) GC	10.	0.087311	AT (	14.00, 43.00) GC

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

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** SOURCE 1207 CONTRIBUTIONS TO THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: ALL ***

** CONC OF NOX IN MICROGRAMS/M**3 **

RANK	CONC	AT	RECEPTOR (XR, YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR, YR) OF TYPE
1.	0.144269	AT (	214.00, -257.00) GC	6.	0.025789	AT (	-86.00, -157.00) GC
2.	0.130505	AT (	214.00, -57.00) GC	7.	0.035109	AT (	114.00, 143.00) GC
3.	0.078655	AT (	214.00, -357.00) GC	8.	0.016206	AT (	114.00, -357.00) GC
4.	0.077968	AT (	214.00, 43.00) GC	9.	0.051614	AT (	214.00, -457.00) GC
5.	0.037093	AT (	114.00, 43.00) GC	10.	0.016124	AT (	14.00, 43.00) GC

*** SOURCE GEN03 CONTRIBUTIONS TO THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: ALL ***

RANK	CONC	AT	RECEPTOR (XR, YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR, YR) OF TYPE
1.	0.033816	AT (	214.00, -257.00) GC	6.	0.066664	AT (	-86.00, -157.00) GC
2.	0.029073	AT (	214.00, -57.00) GC	7.	0.055522	AT (	114.00, 143.00) GC
3.	0.039490	AT (	214.00, -357.00) GC	8.	0.073831	AT (	114.00, -357.00) GC
4.	0.033651	AT (	214.00, 43.00) GC	9.	0.036649	AT (	214.00, -457.00) GC
5.	0.060077	AT (	114.00, 43.00) GC	10.	0.071187	AT (	14.00, 43.00) GC

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

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1988 Met
*** Revised building height = 38'

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** Message Summary : ISCLT3 Model Execution ***

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

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

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

***** WARNING MESSAGES *****
*** NONE ***

*** ISCLT3 Finishes Successfully ***

ISCLT3 NO_x 1989

.....

** The results for this run are in file 12LT89E.OUT

CO STARTING
TITLEONE FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1989 Met
TITLETWO Revised building height = 38'
MODELOPT DFAULT CONC RURAL
AVERTIME ANNUAL
POLLUTID NOX
RUNORNOT RUN
CO FINISHED

SO STARTING
SO LOCATION 1207 POINT 214.0 -157.0

** Parameters	QS	HS	TS	VS	DS		
**	----	----	----	----	----	---	---
SO SRCPARAM 1207	1.109	17.68	718.1	13.85	2.66		
SO BUILDHGT 1207		11.58	11.58	11.58	11.58	11.58	.00
SO BUILDHGT 1207		11.58	11.58	11.58	11.58	11.58	11.58
SO BUILDHGT 1207		11.58	.00	11.58	11.58		
SO BUILDWID 1207		24.38	27.19	25.86	20.60	12.19	.00
SO BUILDWID 1207		8.62	17.86	24.38	27.19	25.86	20.60
SO BUILDWID 1207		12.19	.00	8.62	17.86		

SO LOCATION GEN03 POINT 62.2 -150.3

** Parameters	QS	HS	TS	VS	DS		
**	----	----	----	----	----	---	---
SO SRCPARAM GEN03	0.020	6.10	644.26	45.49	0.2		
SO BUILDHGT GEN03		3.66	3.66	3.66	3.66	3.66	3.66
SO BUILDHGT GEN03		3.66	3.66	3.66	3.66	3.66	3.66
SO BUILDHGT GEN03		3.66	3.66	3.66	3.66		
SO BUILDWID GEN03		39.62	39.52	33.41	22.20	7.62	22.20
SO BUILDWID GEN03		33.41	39.52	39.62	39.52	33.41	22.20
SO BUILDWID GEN03		7.62	22.20	33.41	39.52		

SO SRCGROUP ALL
SO FINISHED

RE STARTING
GRIDCART CLOSEIN STA
GRIDCART CLOSEIN XYINC -886 23 100 -1257 23 100
GRIDCART CLOSEIN END
GRIDCART FAROUT STA
GRIDCART FAROUT XYINC -5486 23 500 -5657 23 500

GRIDCART FAROUT END
RE FINISHED

ME STARTING
INPUTFIL Pensa89.STA
ANEMHGHT 10.
SURFDATA 13899 1989 PENSACOLA
UAIRDATA 12832 1989 APALACHICOLA
STARDATE ANNUAL

** - AMBIENT AIR TEMPERATURE (DEGREES KELVIN) -
**
** STAB STAB STAB STAB STAB STAB
** CAT 1 CAT 2 CAT 3 CAT 4 CAT 5 CAT 6
** -----
AVETEMPS ANNUAL 298.0 298.0 298.0 293.2 288.2 288.2

** - MIXING LAYER HEIGHT (METERS) -
** S
** T WS WS WS WS WS WS
** SEAS A CAT 1 CAT 2 CAT 3 CAT 4 CAT 5 CAT 6
** ---- B -----
AVEMIXHT ANNUAL 1 .180E+04 .180E+04 .180E+04 .180E+04 .180E+04 .180E+04
AVEMIXHT ANNUAL 2 .120E+04 .120E+04 .120E+04 .120E+04 .120E+04 .120E+04
AVEMIXHT ANNUAL 3 .120E+04 .120E+04 .120E+04 .120E+04 .120E+04 .120E+04
AVEMIXHT ANNUAL 4 .120E+04 .120E+04 .120E+04 .120E+04 .120E+04 .120E+04
AVEMIXHT ANNUAL 5 .100E+05 .100E+05 .100E+05 .100E+05 .100E+05 .100E+05
AVEMIXHT ANNUAL 6 .100E+05 .100E+05 .100E+05 .100E+05 .100E+05 .100E+05

ME FINISHED

OU STARTING
RECTABLE SRCGRP
MAXTABLE 10 INDSRC SRCGRP SOCONT
OU FINISHED

*** SETUP Finishes Successfully ***

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1989 Met
*** Revised building height = 38'

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Model Is Setup For Calculation of Average CONCentration Values.
**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses NO plume DEPLETION.

**Model Uses RURAL Dispersion.

**Model Uses Regulatory DEFAULT Options:

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

**Model Assumes Receptors on FLAT Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

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

**Data File Includes 1 STAR Summaries for the Following Months: 0 0 0 0 0 0 0 0 0 0 0 0
Seasons/Quarters: 0 0 0 0
and Annual: 1

**This Run Includes: 2 Source(s); 1 Source Group(s); and 1058 Receptor(s)

**The Model Assumes A Pollutant Type of: NOX

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

**Output Options Selected:

Model Outputs Tables of Long Term Values by Receptor (RECTABLE Keyword)
Model Outputs Tables of Maximum Long Term Values (MAXTABLE Keyword)

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Input Runstream File: 12LT89e.IN ; **Output Print File: 12LT89e.OUT

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1989 Met
*** Revised building height = 38'

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
1207	0	0.11090E+01	214.0	-157.0	0.0	17.68	718.10	13.85	2.66	YES	
GEN03	0	0.20000E-01	62.2	-150.3	0.0	6.10	644.26	45.49	0.20	YES	

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1989 Met
*** Revised building height = 38'

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	1207 , GEN03 ,

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1989 Met
*** Revised building height = 38'

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: 1207

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	11.6,	24.4,	0	2	11.6,	27.2,	0	3	11.6,	25.9,	0	4	11.6,	20.6,	0
5	11.6,	12.2,	0	6	0.0,	0.0,	0	7	11.6,	8.6,	0	8	11.6,	17.9,	0
9	11.6,	24.4,	0	10	11.6,	27.2,	0	11	11.6,	25.9,	0	12	11.6,	20.6,	0
13	11.6,	12.2,	0	14	0.0,	0.0,	0	15	11.6,	8.6,	0	16	11.6,	17.9,	0

SOURCE ID: GEN03

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	3.7,	39.6,	0	2	3.7,	39.5,	0	3	3.7,	33.4,	0	4	3.7,	22.2,	0
5	3.7,	7.6,	0	6	3.7,	22.2,	0	7	3.7,	33.4,	0	8	3.7,	39.5,	0
9	3.7,	39.6,	0	10	3.7,	39.5,	0	11	3.7,	33.4,	0	12	3.7,	22.2,	0
13	3.7,	7.6,	0	14	3.7,	22.2,	0	15	3.7,	33.4,	0	16	3.7,	39.5,	0

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1989 Met
*** Revised building height = 38'

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: CLOSEIN ; NETWORK TYPE: GRIDCART ***

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

-886.0,	-786.0,	-686.0,	-586.0,	-486.0,	-386.0,	-286.0,	-186.0,	-86.0,	14.0,
114.0,	214.0,	314.0,	414.0,	514.0,	614.0,	714.0,	814.0,	914.0,	1014.0,
1114.0,	1214.0,	1314.0,							

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

-1257.0,	-1157.0,	-1057.0,	-957.0,	-857.0,	-757.0,	-657.0,	-557.0,	-457.0,	-357.0,
-257.0,	-157.0,	-57.0,	43.0,	143.0,	243.0,	343.0,	443.0,	543.0,	643.0,
743.0,	843.0,	943.0,							

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1989 Met

11/26/99

*** Revised building height = 38'

13:28:05

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

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*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: FAROUT ; NETWORK TYPE: GRIDCART ***

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

-5486.0,	-4986.0,	-4486.0,	-3986.0,	-3486.0,	-2986.0,	-2486.0,	-1986.0,	-1486.0,	-986.0,
-486.0,	14.0,	514.0,	1014.0,	1514.0,	2014.0,	2514.0,	3014.0,	3514.0,	4014.0,
4514.0,	5014.0,	5514.0,							

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

-5657.0,	-5157.0,	-4657.0,	-4157.0,	-3657.0,	-3157.0,	-2657.0,	-2157.0,	-1657.0,	-1157.0,
-657.0,	-157.0,	343.0,	843.0,	1343.0,	1843.0,	2343.0,	2843.0,	3343.0,	3843.0,
4343.0,	4843.0,	5343.0,							

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1989 Met

11/26/99

*** Revised building height = 38'

13:28:05

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR 3*ZLB IN DISTANCE, OR WITHIN OPEN PIT SOURCE

SOURCE ID	-- RECEPTOR LOCATION --		DISTANCE (METERS)
	XR (METERS)	YR (METERS)	
1207	214.0	-157.0	0.00

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

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

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

*** WIND PROFILE EXPONENTS ***

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

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

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

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

	STABILITY CATEGORY A	STABILITY CATEGORY B	STABILITY CATEGORY C	STABILITY CATEGORY D	STABILITY CATEGORY E	STABILITY CATEGORY F
ANNUAL	298.0000	298.0000	298.0000	293.2000	288.2000	288.2000

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1989 Met
*** Revised building height = 38'

11/26/99
13:28:05
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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** AVERAGE MIXING LAYER HEIGHT (METERS) ***

	ANNUAL					
	WIND SPEED	WIND SPEED	WIND SPEED	WIND SPEED	WIND SPEED	WIND SPEED
	CATEGORY 1	CATEGORY 2	CATEGORY 3	CATEGORY 4	CATEGORY 5	CATEGORY 6
STABILITY CATEGORY A	1800.0001	1800.0001	1800.0001	1800.0001	1800.0001	1800.0001
STABILITY CATEGORY B	1200.0000	1200.0000	1200.0000	1200.0000	1200.0000	1200.0000
STABILITY CATEGORY C	1200.0000	1200.0000	1200.0000	1200.0000	1200.0000	1200.0000
STABILITY CATEGORY D	1200.0000	1200.0000	1200.0000	1200.0000	1200.0000	1200.0000
STABILITY CATEGORY E	10000.0000	10000.0000	10000.0000	10000.0000	10000.0000	10000.0000
STABILITY CATEGORY F	10000.0000	10000.0000	10000.0000	10000.0000	10000.0000	10000.0000

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

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

FILE: Pensa89.STA

FORMAT: (6F10.0)

SURFACE STATION NO.: 13899

UPPER AIR STATION NO.: 12832

NAME: PENSACOLA

NAME: APALACHICOLA

YEAR: 1989

YEAR: 1989

ANNUAL: STABILITY CATEGORY A

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00037600	0.00091400	0.00000000	0.00000000	0.00000000	0.00000000
22.500	0.00008700	0.00034300	0.00000000	0.00000000	0.00000000	0.00000000
45.000	0.00008700	0.00034300	0.00000000	0.00000000	0.00000000	0.00000000
67.500	0.00014400	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
90.000	0.00028900	0.00057100	0.00000000	0.00000000	0.00000000	0.00000000
112.500	0.00017400	0.00068500	0.00000000	0.00000000	0.00000000	0.00000000
135.000	0.00011600	0.00045700	0.00000000	0.00000000	0.00000000	0.00000000
157.500	0.00023200	0.00091400	0.00000000	0.00000000	0.00000000	0.00000000
180.000	0.00014500	0.00057100	0.00000000	0.00000000	0.00000000	0.00000000
202.500	0.00002900	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
225.000	0.00008700	0.00034300	0.00000000	0.00000000	0.00000000	0.00000000
247.500	0.00005800	0.00022900	0.00000000	0.00000000	0.00000000	0.00000000
270.000	0.00028900	0.00057100	0.00000000	0.00000000	0.00000000	0.00000000
292.500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
315.000	0.00017300	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
337.500	0.00011600	0.00045700	0.00000000	0.00000000	0.00000000	0.00000000

ANNUAL: STABILITY CATEGORY B

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00126000	0.00331100	0.00353900	0.00000000	0.00000000	0.00000000
22.500	0.00058700	0.00296900	0.00102800	0.00000000	0.00000000	0.00000000
45.000	0.00026900	0.00239800	0.00114200	0.00000000	0.00000000	0.00000000
67.500	0.00054900	0.00262600	0.00034300	0.00000000	0.00000000	0.00000000
90.000	0.00066500	0.00479500	0.00274000	0.00000000	0.00000000	0.00000000
112.500	0.00080400	0.00376800	0.00274000	0.00000000	0.00000000	0.00000000
135.000	0.00051100	0.00342500	0.00411000	0.00000000	0.00000000	0.00000000
157.500	0.00025600	0.00228400	0.00285400	0.00000000	0.00000000	0.00000000
180.000	0.00014100	0.00125600	0.00262600	0.00000000	0.00000000	0.00000000
202.500	0.00009000	0.00080000	0.00080000	0.00000000	0.00000000	0.00000000

225.000	0.00007700	0.00068500	0.00034300	0.00000000	0.00000000	0.00000000
247.500	0.00045800	0.00068500	0.00080000	0.00000000	0.00000000	0.00000000
270.000	0.00029400	0.00148500	0.00125600	0.00000000	0.00000000	0.00000000
292.500	0.00035700	0.00091400	0.00057100	0.00000000	0.00000000	0.00000000
315.000	0.00019200	0.00171300	0.00125600	0.00000000	0.00000000	0.00000000
337.500	0.00023100	0.00205500	0.00114200	0.00000000	0.00000000	0.00000000

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

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

FILE: PENSAB9.STA

FORMAT: (6F10.0)

SURFACE STATION NO.: 13899

UPPER AIR STATION NO.: 12832

NAME: PENSACOLA

NAME: APALACHICOLA

YEAR: 1989

YEAR: 1989

ANNUAL: STABILITY CATEGORY C

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00073500	0.00502300	0.00730600	0.00057100	0.00000000	0.00000000
22.500	0.00022100	0.00228400	0.00399600	0.00034300	0.00000000	0.00000000
45.000	0.00062900	0.00262600	0.00525200	0.00011500	0.00000000	0.00000000
67.500	0.00027600	0.00285400	0.00433800	0.00034300	0.00000000	0.00000000
90.000	0.00052600	0.00285400	0.00559400	0.00057100	0.00000000	0.00000000
112.500	0.00024300	0.00251200	0.00570800	0.00228400	0.00000000	0.00000000
135.000	0.00024700	0.00125600	0.00776300	0.00262600	0.00000000	0.00000000
157.500	0.00022500	0.00102800	0.00650700	0.00216900	0.00011500	0.00000000
180.000	0.00041600	0.00171300	0.01244300	0.00422400	0.00011500	0.00000000
202.500	0.00010000	0.00102800	0.00468100	0.00205500	0.00011500	0.00000000
225.000	0.00037200	0.00125600	0.00262600	0.00057100	0.00022900	0.00000000
247.500	0.00006700	0.00068500	0.00159900	0.00159900	0.00000000	0.00000000
270.000	0.00012200	0.00125600	0.00228400	0.00125600	0.00000000	0.00000000
292.500	0.00008900	0.00091400	0.00228400	0.00034300	0.00000000	0.00000000
315.000	0.00017700	0.00182700	0.00342500	0.00057100	0.00000000	0.00000000
337.500	0.00013300	0.00137000	0.00479500	0.00080000	0.00000000	0.00000000

ANNUAL: STABILITY CATEGORY D

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00187100	0.01107400	0.02785400	0.02317400	0.00159900	0.00000000
22.500	0.00109500	0.00799100	0.00981800	0.00365300	0.00000000	0.00000000
45.000	0.00083600	0.00787700	0.00901900	0.00216900	0.00000000	0.00000000
67.500	0.00072200	0.00662200	0.00924700	0.00102800	0.00000000	0.00000000
90.000	0.00083600	0.00787700	0.01461200	0.00353900	0.00011500	0.00000000
112.500	0.00076500	0.00433800	0.01484100	0.00730600	0.00000000	0.00011500
135.000	0.00026800	0.00296900	0.01050300	0.00936100	0.00011500	0.00000000
157.500	0.00024800	0.00274000	0.00730600	0.00856200	0.00011500	0.00000000
180.000	0.00056900	0.00353900	0.01826500	0.01917900	0.00068500	0.00011500
202.500	0.00046600	0.00239800	0.01130200	0.01312800	0.00148500	0.00000000

225.000	0.00051700	0.00296900	0.01118800	0.01392700	0.00102800	0.00000000
247.500	0.00019600	0.00216900	0.00822000	0.00787700	0.00080000	0.00000000
270.000	0.00033100	0.00228400	0.00399600	0.00376800	0.00011500	0.00000000
292.500	0.00014500	0.00159900	0.00274000	0.00228400	0.00000000	0.00011500
315.000	0.00029900	0.00331100	0.00605100	0.01084500	0.00057100	0.00045700
337.500	0.00043400	0.00342500	0.01290000	0.01929300	0.00285400	0.00034300

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

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

FILE: PENSAB9.STA

FORMAT: (6F10.0)

SURFACE STATION NO.: 13899

UPPER AIR STATION NO.: 12832

NAME: PENSACOLA

NAME: APALACHICOLA

YEAR: 1989

YEAR: 1989

ANNUAL: STABILITY CATEGORY E

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00000000	0.01278600	0.01415600	0.00000000	0.00000000	0.00000000
22.500	0.00000000	0.00627900	0.00262600	0.00000000	0.00000000	0.00000000
45.000	0.00000000	0.00685000	0.00228400	0.00000000	0.00000000	0.00000000
67.500	0.00000000	0.00593700	0.00251200	0.00000000	0.00000000	0.00000000
90.000	0.00000000	0.00468100	0.00114200	0.00000000	0.00000000	0.00000000
112.500	0.00000000	0.00342500	0.00068500	0.00000000	0.00000000	0.00000000
135.000	0.00000000	0.00388200	0.00091400	0.00000000	0.00000000	0.00000000
157.500	0.00000000	0.00399600	0.00125600	0.00000000	0.00000000	0.00000000
180.000	0.00000000	0.00502300	0.00536600	0.00000000	0.00000000	0.00000000
202.500	0.00000000	0.00388200	0.00616500	0.00000000	0.00000000	0.00000000
225.000	0.00000000	0.00422400	0.00719200	0.00000000	0.00000000	0.00000000
247.500	0.00000000	0.00365300	0.00627900	0.00000000	0.00000000	0.00000000
270.000	0.00000000	0.00262600	0.00502300	0.00000000	0.00000000	0.00000000
292.500	0.00000000	0.00228400	0.00216900	0.00000000	0.00000000	0.00000000
315.000	0.00000000	0.00251200	0.00262600	0.00000000	0.00000000	0.00000000
337.500	0.00000000	0.00673600	0.00548000	0.00000000	0.00000000	0.00000000

ANNUAL: STABILITY CATEGORY F

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.01591800	0.03185000	0.00000000	0.00000000	0.00000000	0.00000000
22.500	0.00598200	0.01232900	0.00000000	0.00000000	0.00000000	0.00000000
45.000	0.00616600	0.01198700	0.00000000	0.00000000	0.00000000	0.00000000
67.500	0.00474700	0.00799100	0.00000000	0.00000000	0.00000000	0.00000000
90.000	0.00255700	0.00365300	0.00000000	0.00000000	0.00000000	0.00000000
112.500	0.00167400	0.00262600	0.00000000	0.00000000	0.00000000	0.00000000
135.000	0.00144300	0.00365300	0.00000000	0.00000000	0.00000000	0.00000000
157.500	0.00266800	0.00433800	0.00000000	0.00000000	0.00000000	0.00000000
180.000	0.00338700	0.00696400	0.00000000	0.00000000	0.00000000	0.00000000
202.500	0.00332000	0.00639300	0.00000000	0.00000000	0.00000000	0.00000000

225.000	0.00352200	0.00730600	0.00000000	0.00000000	0.00000000	0.00000000
247.500	0.00435700	0.00901900	0.00000000	0.00000000	0.00000000	0.00000000
270.000	0.00456100	0.00913300	0.00000000	0.00000000	0.00000000	0.00000000
292.500	0.00320600	0.00650700	0.00000000	0.00000000	0.00000000	0.00000000
315.000	0.00434200	0.00696400	0.00000000	0.00000000	0.00000000	0.00000000
337.500	0.00829900	0.01335700	0.00000000	0.00000000	0.00000000	0.00000000

SUM OF FREQUENCIES, FTOTAL = 1.00014

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: CLOSEIN ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-886.00	-786.00	-686.00	X-COORD (METERS)		-386.00	-286.00	-186.00	-86.00
943.00	0.026233	0.025926	0.025560	0.025154	0.024733	0.024405	0.025702	0.028009	0.031194
843.00	0.026080	0.026775	0.026360	0.025890	0.025392	0.024905	0.025743	0.027832	0.031241
743.00	0.025953	0.026561	0.027245	0.026714	0.026139	0.025553	0.025572	0.027873	0.031342
643.00	0.025873	0.026410	0.027001	0.027660	0.026990	0.026326	0.025652	0.027892	0.032002
543.00	0.025846	0.026360	0.026895	0.027445	0.028090	0.027348	0.026702	0.028491	0.034303
443.00	0.025917	0.026433	0.026967	0.027552	0.028146	0.028664	0.028712	0.029031	0.037282
343.00	0.026130	0.026690	0.027333	0.028013	0.028537	0.029201	0.030213	0.031198	0.038964
243.00	0.026379	0.027141	0.027997	0.028888	0.029384	0.030216	0.031940	0.034198	0.039544
143.00	0.026822	0.027670	0.028728	0.030072	0.030468	0.032046	0.035235	0.039969	0.044019
43.00	0.027360	0.028400	0.029701	0.031280	0.033332	0.036084	0.039781	0.047869	0.056823
-57.00	0.027999	0.029191	0.030757	0.032987	0.036899	0.042189	0.050036	0.061132	0.068920
-157.00	0.028619	0.029933	0.031663	0.034721	0.040150	0.047313	0.057539	0.070202	0.073597
-257.00	0.026207	0.027050	0.028131	0.030108	0.033565	0.037540	0.041993	0.044760	0.048344
-357.00	0.023882	0.024266	0.024705	0.025552	0.027058	0.029331	0.033762	0.040966	0.048308
-457.00	0.021738	0.021718	0.021616	0.022316	0.023973	0.027577	0.032321	0.037945	0.043886
-557.00	0.019962	0.020115	0.020804	0.022013	0.023962	0.027055	0.030493	0.034326	0.042060
-657.00	0.019611	0.020266	0.021130	0.022270	0.023848	0.025985	0.028667	0.030603	0.041908
-757.00	0.019948	0.020627	0.021496	0.022585	0.023730	0.025058	0.026262	0.028105	0.040364
-857.00	0.020310	0.021010	0.021873	0.022747	0.023662	0.023970	0.024513	0.028813	0.038290
-957.00	0.020679	0.021398	0.022102	0.022829	0.022998	0.023242	0.023603	0.029355	0.037911
-1057.00	0.021042	0.021645	0.022251	0.022339	0.022492	0.022732	0.024353	0.029873	0.038248
-1157.00	0.021273	0.021806	0.021865	0.021966	0.022125	0.022363	0.025422	0.030607	0.038884
-1257.00	0.021424	0.021478	0.021559	0.021681	0.021858	0.022433	0.026179	0.031886	0.039429

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: CLOSEIN ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/M**3 **

Table with columns: Y-COORD (METERS), X-COORD (METERS) (14.00 to 814.00), and concentration values in micrograms/m3. The table contains 10 columns of data and 20 rows of values.

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: CLOSEIN ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/M**3 **

Y-COORD (METERS)	914.00	1014.00	1114.00	X-COORD (METERS)	
				1214.00	1314.00

943.00	0.021247	0.020770	0.020404	0.020044	0.019734
843.00	0.021020	0.020576	0.020132	0.019749	0.019247
743.00	0.020825	0.020268	0.019787	0.019225	0.018757
643.00	0.020497	0.019878	0.019221	0.018699	0.018275
543.00	0.020070	0.019262	0.018652	0.018185	0.017818
443.00	0.019363	0.018628	0.018094	0.017701	0.017403
343.00	0.018833	0.017985	0.017566	0.017266	0.017053
243.00	0.018557	0.017395	0.017113	0.016907	0.016683
143.00	0.018282	0.016965	0.016627	0.016453	0.016287
43.00	0.018573	0.016775	0.016195	0.016099	0.015978
-57.00	0.018010	0.016518	0.015920	0.015873	0.015778
-157.00	0.017311	0.016236	0.015815	0.015785	0.015691
-257.00	0.013682	0.013478	0.013594	0.013815	0.013941
-357.00	0.010401	0.011024	0.011531	0.011973	0.012287
-457.00	0.008043	0.009023	0.009727	0.010321	0.010784
-557.00	0.009832	0.009003	0.008755	0.008906	0.009469
-657.00	0.012056	0.011041	0.010206	0.009531	0.009088
-757.00	0.014268	0.013009	0.011979	0.011135	0.010441
-857.00	0.016206	0.014834	0.013676	0.012703	0.011880
-957.00	0.017836	0.016486	0.015257	0.014192	0.013269
-1057.00	0.019573	0.017890	0.016696	0.015574	0.014580
-1157.00	0.021335	0.019413	0.017925	0.016832	0.015793
-1257.00	0.022942	0.020975	0.019270	0.017920	0.016898

*** MODELING OPTIONS USED: CONC RURAL FLAT DEFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: FAROUT ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-5486.00	-4986.00	-4486.00	X-COORD (METERS) -3986.00	-3486.00	-2986.00	-2486.00	-1986.00	-1486.00
5343.00	0.009424	0.009716	0.009953	0.010172	0.010369	0.010538	0.010673	0.011115	0.013263
4843.00	0.009755	0.010153	0.010490	0.010750	0.010989	0.011198	0.011366	0.011491	0.013377
4343.00	0.010093	0.010530	0.011004	0.011400	0.011696	0.011959	0.012175	0.012327	0.013389
3843.00	0.010431	0.010911	0.011440	0.012025	0.012506	0.012843	0.013126	0.013331	0.013506
3343.00	0.010766	0.011294	0.011882	0.012540	0.013282	0.013876	0.014254	0.014538	0.014685
2843.00	0.011093	0.011672	0.012321	0.013056	0.013894	0.014859	0.015603	0.015990	0.016208
2343.00	0.011407	0.012035	0.012746	0.013558	0.014494	0.015583	0.016852	0.017766	0.018097
1843.00	0.011690	0.012361	0.013141	0.014026	0.015055	0.016248	0.017665	0.019388	0.020481
1343.00	0.011960	0.012660	0.013471	0.014418	0.015540	0.016834	0.018371	0.020192	0.022460
843.00	0.012207	0.012932	0.013775	0.014763	0.015918	0.017282	0.018892	0.020762	0.022920
343.00	0.012425	0.013169	0.014036	0.015057	0.016249	0.017674	0.019370	0.021272	0.023309
-157.00	0.012608	0.013363	0.014246	0.015289	0.016517	0.018003	0.019847	0.021966	0.024396
-657.00	0.012320	0.012980	0.013729	0.014582	0.015537	0.016595	0.017746	0.018762	0.019295
-1157.00	0.012044	0.012613	0.013237	0.013916	0.014624	0.015340	0.015951	0.016807	0.018393
-1657.00	0.011785	0.012272	0.012786	0.013318	0.013854	0.014745	0.015875	0.017296	0.019177
-2157.00	0.011547	0.011963	0.012448	0.013151	0.013982	0.014963	0.016160	0.017657	0.018639
-2657.00	0.011425	0.011969	0.012590	0.013309	0.014153	0.015156	0.016361	0.017164	0.017765
-3157.00	0.011544	0.012099	0.012729	0.013452	0.014291	0.015273	0.015947	0.016444	0.017015
-3657.00	0.011660	0.012219	0.012850	0.013566	0.014385	0.014939	0.015341	0.015806	0.016344
-4157.00	0.011763	0.012321	0.012944	0.013644	0.014113	0.014443	0.014816	0.015245	0.016022
-4657.00	0.011838	0.012399	0.013009	0.013416	0.013696	0.014006	0.014354	0.014749	0.017471
-5157.00	0.011880	0.012438	0.012811	0.013057	0.013323	0.013615	0.013940	0.014343	0.018907
-5657.00	0.011897	0.012242	0.012485	0.012731	0.012984	0.013260	0.013563	0.014794	0.019963

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: FAROUT ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-986.00	-486.00	14.00	X-COORD (METERS) 514.00	1014.00	1514.00	2014.00	2514.00	3014.00
5343.00	0.015576	0.017988	0.020413	0.020298	0.018634	0.017005	0.015462	0.014116	0.013808
4843.00	0.016026	0.018824	0.021655	0.021477	0.019485	0.017560	0.015769	0.014733	0.014383
4343.00	0.016434	0.019706	0.023049	0.022778	0.020357	0.018058	0.016001	0.015373	0.014980
3843.00	0.016760	0.020621	0.024619	0.024204	0.021216	0.018442	0.016557	0.016027	0.015590
3343.00	0.016931	0.021533	0.026397	0.025762	0.022010	0.018602	0.017269	0.016681	0.016207
2843.00	0.016861	0.022328	0.028318	0.027315	0.022508	0.018862	0.017980	0.017316	0.016822
2343.00	0.018172	0.022925	0.030437	0.028812	0.022550	0.019567	0.018534	0.017928	0.016790
1843.00	0.020490	0.022906	0.032364	0.029641	0.021767	0.019862	0.019006	0.017662	0.016248
1343.00	0.023428	0.023027	0.033822	0.029008	0.021385	0.019809	0.018279	0.016781	0.015528
843.00	0.025462	0.025392	0.034985	0.025529	0.020576	0.018350	0.016895	0.015811	0.014756
343.00	0.025622	0.028537	0.053772	0.031978	0.017985	0.016671	0.015616	0.014694	0.013838
-157.00	0.027631	0.040150	0.035738	0.026848	0.016236	0.015443	0.014647	0.013832	0.013042
-657.00	0.019112	0.023848	0.061623	0.029346	0.011041	0.009317	0.010544	0.010837	0.010749
-1157.00	0.020734	0.022125	0.047793	0.032494	0.019413	0.014016	0.010862	0.008799	0.008747
-1657.00	0.020306	0.022597	0.047137	0.039156	0.025865	0.018499	0.014405	0.011617	0.009626
-2157.00	0.019358	0.026370	0.046801	0.042078	0.029376	0.022303	0.017054	0.013823	0.011530
-2657.00	0.018544	0.029530	0.045938	0.042864	0.031681	0.024672	0.019520	0.015524	0.012968
-3157.00	0.019314	0.031280	0.044725	0.042550	0.033116	0.025759	0.021171	0.017317	0.014175
-3657.00	0.021781	0.032140	0.043356	0.041735	0.033734	0.026570	0.022140	0.018580	0.015541
-4157.00	0.023453	0.032388	0.041852	0.040590	0.033751	0.027447	0.022647	0.019419	0.016569
-4657.00	0.024546	0.032325	0.040439	0.039419	0.033494	0.027908	0.022976	0.019932	0.017304
-5157.00	0.025237	0.032059	0.039097	0.038249	0.033061	0.028091	0.023520	0.020202	0.017799
-5657.00	0.025638	0.031664	0.037831	0.037110	0.032524	0.028081	0.023920	0.020293	0.018105

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: FAROUT ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/M**3 **

Y-COORD (METERS)	3514.00	4014.00	4514.00	X-COORD (METERS) 5014.00	5514.00
5343.00	0.013527	0.013262	0.013007	0.012747	0.012484
4843.00	0.014070	0.013777	0.013497	0.013221	0.012693
4343.00	0.014632	0.014312	0.014005	0.013413	0.012703
3843.00	0.015211	0.014864	0.014182	0.013366	0.012650
3343.00	0.015803	0.015009	0.014067	0.013252	0.012543
2843.00	0.015890	0.014796	0.013867	0.013071	0.012382
2343.00	0.015532	0.014476	0.013588	0.012831	0.012176
1843.00	0.015036	0.014072	0.013252	0.012551	0.011877
1343.00	0.014542	0.013606	0.012782	0.012064	0.011437
843.00	0.013805	0.012919	0.012179	0.011532	0.010965
343.00	0.012991	0.012211	0.011563	0.010988	0.010485
-157.00	0.012277	0.011569	0.010984	0.010471	0.010023
-657.00	0.010470	0.010111	0.009769	0.009438	0.009131
-1157.00	0.008808	0.008735	0.008599	0.008431	0.008254
-1657.00	0.008172	0.007520	0.007532	0.007494	0.007427
-2157.00	0.009804	0.008486	0.007467	0.006694	0.006671
-2657.00	0.011130	0.009668	0.008516	0.007601	0.006869
-3157.00	0.012112	0.010613	0.009395	0.008404	0.007595
-3657.00	0.013009	0.011324	0.010095	0.009072	0.008219
-4157.00	0.014113	0.012027	0.010628	0.009605	0.008735
-4657.00	0.014975	0.012945	0.011195	0.010014	0.009150
-5157.00	0.015622	0.013681	0.011973	0.010481	0.009461
-5657.00	0.016085	0.014252	0.012608	0.011140	0.009837

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE: 1207 ***

** CONC OF NOX IN MICROGRAMS/M**3 **

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.132115	AT (	214.00, -257.00) GC	6.	0.046889	AT (	214.00, 143.00) GC
2.	0.110430	AT (	214.00, -57.00) GC	7.	0.046368	AT (	214.00, -457.00) GC
3.	0.071160	AT (	214.00, -357.00) GC	8.	0.040966	AT (	314.00, -357.00) GC
4.	0.067278	AT (	214.00, 43.00) GC	9.	0.037541	AT (	214.00, 243.00) GC
5.	0.059553	AT (	314.00, -57.00) GC	10.	0.036532	AT (	314.00, 43.00) GC

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE: GEN03 ***

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.083258	AT (	114.00, -357.00) GC	6.	0.066639	AT (	14.00, 43.00) GC
2.	0.075709	AT (	114.00, -457.00) GC	7.	0.065693	AT (	-86.00, -57.00) GC
3.	0.071212	AT (	14.00, -457.00) GC	8.	0.064603	AT (	114.00, 43.00) GC
4.	0.071185	AT (	14.00, -357.00) GC	9.	0.063512	AT (	114.00, -557.00) GC
5.	0.066996	AT (	114.00, -257.00) GC	10.	0.061506	AT (	14.00, -557.00) GC

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

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1989 Met
*** Revised building height = 38'

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*** MODELING OPTIONS USED: CONC RURAL FLAT DEFAULT

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: ALL ***
INCLUDING SOURCE(S): 1207 , GEN03 ,

** CONC OF NOX IN MICROGRAMS/M**3 **

RANK	CONC	AT	RECEPTOR (XR, YR)	OF TYPE	RANK	CONC	AT	RECEPTOR (XR, YR)	OF TYPE
1.	0.164164	AT (	214.00,	-257.00) GC	6.	0.093294	AT (	114.00,	-457.00) GC
2.	0.149873	AT (	214.00,	-57.00) GC	7.	0.091206	AT (	114.00,	43.00) GC
3.	0.116925	AT (	214.00,	-357.00) GC	8.	0.090584	AT (	214.00,	-457.00) GC
4.	0.111464	AT (	214.00,	43.00) GC	9.	0.088663	AT (	114.00,	-257.00) GC
5.	0.098689	AT (	114.00,	-357.00) GC	10.	0.088280	AT (	314.00,	-57.00) GC

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

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** SOURCE 1207 CONTRIBUTIONS TO THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: ALL ***

** CONC OF NOX IN MICROGRAMS/M**3 **

RANK	CONC	AT	RECEPTOR (XR, YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR, YR) OF TYPE
1.	0.132115	AT (	214.00, -257.00) GC	6.	0.017585	AT (	114.00, -457.00) GC
2.	0.110430	AT (	214.00, -57.00) GC	7.	0.026603	AT (	114.00, 43.00) GC
3.	0.071160	AT (	214.00, -357.00) GC	8.	0.046368	AT (	214.00, -457.00) GC
4.	0.067278	AT (	214.00, 43.00) GC	9.	0.021667	AT (	114.00, -257.00) GC
5.	0.015431	AT (	114.00, -357.00) GC	10.	0.059553	AT (	314.00, -57.00) GC

*** SOURCE GEN03 CONTRIBUTIONS TO THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: ALL ***

RANK	CONC	AT	RECEPTOR (XR, YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR, YR) OF TYPE
1.	0.032049	AT (	214.00, -257.00) GC	6.	0.075709	AT (	114.00, -457.00) GC
2.	0.039443	AT (	214.00, -57.00) GC	7.	0.064603	AT (	114.00, 43.00) GC
3.	0.045764	AT (	214.00, -357.00) GC	8.	0.044216	AT (	214.00, -457.00) GC
4.	0.044186	AT (	214.00, 43.00) GC	9.	0.066996	AT (	114.00, -257.00) GC
5.	0.083258	AT (	114.00, -357.00) GC	10.	0.028728	AT (	314.00, -57.00) GC

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

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1989 Met
*** Revised building height = 38'

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** Message Summary : ISCLT3 Model Execution ***

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

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

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

***** WARNING MESSAGES *****
*** NONE ***

*** ISCLT3 Finishes Successfully ***

ISCLT3 NO_x 1990

** The results for this run are in file 12LT90E.OUT

CO STARTING

TITLEONE FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1990 Met
TITLETWO Revised building height = 38'
MODELOPT DFAULT CONC RURAL
AVERTIME ANNUAL
POLLUTID NOX
RUNORNOT RUN

CO FINISHED

SO STARTING

SO LOCATION 1207 POINT 214.0 -157.0

** Parameters	QS	HS	TS	VS	DS		
**	-----	-----	-----	-----	-----		
SO SRCPARAM 1207	1.109	17.68	718.1	13.85	2.66		
SO BUILDHGT 1207		11.58	11.58	11.58	11.58	11.58	.00
SO BUILDHGT 1207		11.58	11.58	11.58	11.58	11.58	11.58
SO BUILDHGT 1207		11.58	.00	11.58	11.58		
SO BUILDWID 1207		24.38	27.19	25.86	20.60	12.19	.00
SO BUILDWID 1207		8.62	17.86	24.38	27.19	25.86	20.60
SO BUILDWID 1207		12.19	.00	8.62	17.86		

SO LOCATION GEN03 POINT 62.2 -150.3

** Parameters	QS	HS	TS	VS	DS		
**	-----	-----	-----	-----	-----		
SO SRCPARAM GEN03	0.020	6.10	644.26	45.49	0.2		
SO BUILDHGT GEN03		3.66	3.66	3.66	3.66	3.66	3.66
SO BUILDHGT GEN03		3.66	3.66	3.66	3.66	3.66	3.66
SO BUILDHGT GEN03		3.66	3.66	3.66	3.66		
SO BUILDWID GEN03		39.62	39.52	33.41	22.20	7.62	22.20
SO BUILDWID GEN03		33.41	39.52	39.62	39.52	33.41	22.20
SO BUILDWID GEN03		7.62	22.20	33.41	39.52		

SO SRCGROUP ALL

SO FINISHED

RE STARTING

GRIDCART CLOSEIN STA
GRIDCART CLOSEIN XYINC -886 23 100 -1257 23 100
GRIDCART CLOSEIN END
GRIDCART FAROUT STA

GRIDCART FAROUT XYINC -5486 23 500 -5657 23 500
GRIDCART FAROUT END
RE FINISHED

ME STARTING
INPUTFIL PENS90.STA
ANEMHGHT 10.
SURFDATA 13899 1990 PENSACOLA
UAIRDATA 12832 1990 APALACHICOLA
STARDATA ANNUAL

** - AMBIENT AIR TEMPERATURE (DEGREES KELVIN) -
**
** STAB STAB STAB STAB STAB STAB
** CAT 1 CAT 2 CAT 3 CAT 4 CAT 5 CAT 6
** -----
AVETEMPS ANNUAL 298.0 298.0 298.0 293.2 288.2 288.2

** - MIXING LAYER HEIGHT (METERS) -
** S
** T WS WS WS WS WS WS
** SEAS A CAT 1 CAT 2 CAT 3 CAT 4 CAT 5 CAT 6
** -----
AVEMIXHT ANNUAL 1 .180E+04 .180E+04 .180E+04 .180E+04 .180E+04 .180E+04
AVEMIXHT ANNUAL 2 .120E+04 .120E+04 .120E+04 .120E+04 .120E+04 .120E+04
AVEMIXHT ANNUAL 3 .120E+04 .120E+04 .120E+04 .120E+04 .120E+04 .120E+04
AVEMIXHT ANNUAL 4 .120E+04 .120E+04 .120E+04 .120E+04 .120E+04 .120E+04
AVEMIXHT ANNUAL 5 .100E+05 .100E+05 .100E+05 .100E+05 .100E+05 .100E+05
AVEMIXHT ANNUAL 6 .100E+05 .100E+05 .100E+05 .100E+05 .100E+05 .100E+05

ME FINISHED

OU STARTING
RECTABLE SRCGRP
MAXTABLE 10 INDSRC SRCGRP SOCONT
OU FINISHED

*** SETUP Finishes Successfully ***

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 07 & Emergency Generator 3 1990 Met
*** Revised building height = 38'

*** 1/15/99
*** 13:28:07
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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Model Is Setup For Calculation of Average CONCentration Values.
**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses NO plume DEPLETION.

**Model Uses RURAL Dispersion.

**Model Uses Regulatory DEFAULT Options:

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

**Model Assumes Receptors on FLAT Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

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

**Data File Includes 1 STAR Summaries for the Following Months: 0 0 0 0 0 0 0 0 0 0 0 0
Seasons/Quarters: 0 0 0 0
and Annual: 1

**This Run Includes: 2 Source(s); 1 Source Group(s); and 1058 Receptor(s)

**The Model Assumes A Pollutant Type of: NOX

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

**Output Options Selected:

Model Outputs Tables of Long Term Values by Receptor (RECTABLE Keyword)
Model Outputs Tables of Maximum Long Term Values (MAXTABLE Keyword)

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Input Runstream File: 12LT90e.IN ; **Output Print File: 12LT90e.OUT

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1990 Met
*** Revised building height = 38'

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
1207	0	0.11090E+01	214.0	-157.0	0.0	17.68	718.10	13.85	2.66	YES	
GEN03	0	0.20000E-01	62.2	-150.3	0.0	6.10	644.26	45.49	0.20	YES	

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1990 Met
*** Revised building height = 38'

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID

SOURCE IDs

ALL 1207 , GEN03 ,

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1990 Met
*** Revised building height = 38'

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: 1207

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	11.6,	24.4,	0	2	11.6,	27.2,	0	3	11.6,	25.9,	0	4	11.6,	20.6,	0
5	11.6,	12.2,	0	6	0.0,	0.0,	0	7	11.6,	8.6,	0	8	11.6,	17.9,	0
9	11.6,	24.4,	0	10	11.6,	27.2,	0	11	11.6,	25.9,	0	12	11.6,	20.6,	0
13	11.6,	12.2,	0	14	0.0,	0.0,	0	15	11.6,	8.6,	0	16	11.6,	17.9,	0

SOURCE ID: GEN03

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	3.7,	39.6,	0	2	3.7,	39.5,	0	3	3.7,	33.4,	0	4	3.7,	22.2,	0
5	3.7,	7.6,	0	6	3.7,	22.2,	0	7	3.7,	33.4,	0	8	3.7,	39.5,	0
9	3.7,	39.6,	0	10	3.7,	39.5,	0	11	3.7,	33.4,	0	12	3.7,	22.2,	0
13	3.7,	7.6,	0	14	3.7,	22.2,	0	15	3.7,	33.4,	0	16	3.7,	39.5,	0

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1990 Met
*** Revised building height = 38'

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: CLOSEIN ; NETWORK TYPE: GRIDCART ***

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

-886.0,	-786.0,	-686.0,	-586.0,	-486.0,	-386.0,	-286.0,	-186.0,	-86.0,	14.0,
114.0,	214.0,	314.0,	414.0,	514.0,	614.0,	714.0,	814.0,	914.0,	1014.0,
1114.0,	1214.0,	1314.0,							

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

-1257.0,	-1157.0,	-1057.0,	-957.0,	-857.0,	-757.0,	-657.0,	-557.0,	-457.0,	-357.0,
-257.0,	-157.0,	-57.0,	43.0,	143.0,	243.0,	343.0,	443.0,	543.0,	643.0,
743.0,	843.0,	943.0,							

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

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

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

*** WIND PROFILE EXPONENTS ***

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

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

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

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

	STABILITY CATEGORY A	STABILITY CATEGORY B	STABILITY CATEGORY C	STABILITY CATEGORY D	STABILITY CATEGORY E	STABILITY CATEGORY F
ANNUAL	298.0000	298.0000	298.0000	293.2000	288.2000	288.2000

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1990 Met
*** Revised building height = 38'

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*** MODELING OPTIONS USED: CONC RURAL FLAT DEFAULT

*** AVERAGE MIXING LAYER HEIGHT (METERS) ***

	ANNUAL					
	WIND SPEED	WIND SPEED	WIND SPEED	WIND SPEED	WIND SPEED	WIND SPEED
	CATEGORY 1	CATEGORY 2	CATEGORY 3	CATEGORY 4	CATEGORY 5	CATEGORY 6
STABILITY CATEGORY A	1800.0001	1800.0001	1800.0001	1800.0001	1800.0001	1800.0001
STABILITY CATEGORY B	1200.0000	1200.0000	1200.0000	1200.0000	1200.0000	1200.0000
STABILITY CATEGORY C	1200.0000	1200.0000	1200.0000	1200.0000	1200.0000	1200.0000
STABILITY CATEGORY D	1200.0000	1200.0000	1200.0000	1200.0000	1200.0000	1200.0000
STABILITY CATEGORY E	10000.0000	10000.0000	10000.0000	10000.0000	10000.0000	10000.0000
STABILITY CATEGORY F	10000.0000	10000.0000	10000.0000	10000.0000	10000.0000	10000.0000

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

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

FILE: Pensa90.STA

FORMAT: (6F10.0)

SURFACE STATION NO.: 13899

UPPER AIR STATION NO.: 12832

NAME: PENSACOLA

NAME: APALACHICOLA

YEAR: 1990

YEAR: 1990

ANNUAL: STABILITY CATEGORY A

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00037300	0.00091400	0.00000000	0.00000000	0.00000000	0.00000000
22.500	0.00055500	0.00057100	0.00000000	0.00000000	0.00000000	0.00000000
45.000	0.00004700	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
67.500	0.00058000	0.00102800	0.00000000	0.00000000	0.00000000	0.00000000
90.000	0.00023300	0.00057100	0.00000000	0.00000000	0.00000000	0.00000000
112.500	0.00046600	0.00114200	0.00000000	0.00000000	0.00000000	0.00000000
135.000	0.00062200	0.00034300	0.00000000	0.00000000	0.00000000	0.00000000
157.500	0.00014000	0.00034300	0.00000000	0.00000000	0.00000000	0.00000000
180.000	0.00032600	0.00080000	0.00000000	0.00000000	0.00000000	0.00000000
202.500	0.00009400	0.00022900	0.00000000	0.00000000	0.00000000	0.00000000
225.000	0.00004700	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
247.500	0.00009400	0.00022900	0.00000000	0.00000000	0.00000000	0.00000000
270.000	0.00014000	0.00034300	0.00000000	0.00000000	0.00000000	0.00000000
292.500	0.00014000	0.00034300	0.00000000	0.00000000	0.00000000	0.00000000
315.000	0.00009400	0.00022900	0.00000000	0.00000000	0.00000000	0.00000000
337.500	0.00028000	0.00068500	0.00000000	0.00000000	0.00000000	0.00000000

ANNUAL: STABILITY CATEGORY B

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00050400	0.00502300	0.00274000	0.00000000	0.00000000	0.00000000
22.500	0.00040200	0.00205500	0.00114200	0.00000000	0.00000000	0.00000000
45.000	0.00063700	0.00353900	0.00068500	0.00000000	0.00000000	0.00000000
67.500	0.00041900	0.00228400	0.00114200	0.00000000	0.00000000	0.00000000
90.000	0.00076600	0.00525200	0.00308300	0.00000000	0.00000000	0.00000000
112.500	0.00038300	0.00342500	0.00285400	0.00000000	0.00000000	0.00000000
135.000	0.00024400	0.00159900	0.00388200	0.00000000	0.00000000	0.00000000
157.500	0.00005200	0.00068500	0.00331100	0.00000000	0.00000000	0.00000000
180.000	0.00008700	0.00114200	0.00296900	0.00000000	0.00000000	0.00000000
202.500	0.00002600	0.00034300	0.00068500	0.00000000	0.00000000	0.00000000

225.000	0.00025500	0.00011500	0.00034300	0.00000000	0.00000000	0.00000000
247.500	0.00007800	0.00102800	0.00034300	0.00000000	0.00000000	0.00000000
270.000	0.00027000	0.00194100	0.00045700	0.00000000	0.00000000	0.00000000
292.500	0.00056900	0.00102800	0.00045700	0.00000000	0.00000000	0.00000000
315.000	0.00049000	0.00159900	0.00125600	0.00000000	0.00000000	0.00000000
337.500	0.00030500	0.00239800	0.00171300	0.00000000	0.00000000	0.00000000

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

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

FILE: Pensa90.STA

FORMAT: (6F10.0)

SURFACE STATION NO.: 13899

UPPER AIR STATION NO.: 12832

NAME: PENSACOLA

NAME: APALACHICOLA

YEAR: 1990

YEAR: 1990

ANNUAL: STABILITY CATEGORY C

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00060900	0.00490900	0.01210100	0.00205500	0.00000000	0.00000000
22.500	0.00024800	0.00251200	0.00353900	0.00000000	0.00000000	0.00000000
45.000	0.00023600	0.00239800	0.00319700	0.00045700	0.00000000	0.00000000
67.500	0.00027000	0.00274000	0.00422400	0.00000000	0.00000000	0.00000000
90.000	0.00041800	0.00296900	0.00685000	0.00057100	0.00000000	0.00000000
112.500	0.00021600	0.00091400	0.00959000	0.00274000	0.00011500	0.00000000
135.000	0.00010200	0.00102800	0.00833400	0.00296900	0.00000000	0.00000000
157.500	0.00009000	0.00091400	0.00753500	0.00331100	0.00000000	0.00000000
180.000	0.00027200	0.00148500	0.01290000	0.00685000	0.00000000	0.00000000
202.500	0.00003400	0.00034300	0.00365300	0.00159900	0.00011500	0.00000000
225.000	0.00003400	0.00034300	0.00148500	0.00080000	0.00000000	0.00000000
247.500	0.00007900	0.00080000	0.00251200	0.00022900	0.00000000	0.00000000
270.000	0.00036400	0.00114200	0.00194100	0.00034300	0.00000000	0.00000000
292.500	0.00024900	0.00125600	0.00308300	0.00137000	0.00000000	0.00000000
315.000	0.00024900	0.00125600	0.00399600	0.00137000	0.00000000	0.00000000
337.500	0.00019100	0.00194100	0.00559400	0.00125600	0.00000000	0.00000000

ANNUAL: STABILITY CATEGORY D

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00089800	0.00548000	0.01575400	0.01917900	0.00159900	0.00011500
22.500	0.00047400	0.00365300	0.00468100	0.00228400	0.00000000	0.00000000
45.000	0.00096300	0.00616500	0.00342500	0.00057100	0.00000000	0.00000000
67.500	0.00069700	0.00468100	0.00639300	0.00091400	0.00000000	0.00000000
90.000	0.00129500	0.00833400	0.01609600	0.00879000	0.00022900	0.00000000
112.500	0.00073500	0.00639300	0.02271700	0.01792300	0.00148500	0.00011500
135.000	0.00033200	0.00216900	0.01495500	0.01472700	0.00114200	0.00000000
157.500	0.00023400	0.00114200	0.00947500	0.01038900	0.00114200	0.00011500
180.000	0.00009800	0.00102800	0.01449800	0.02032000	0.00114200	0.00011500
202.500	0.00002200	0.00022900	0.00867600	0.00936100	0.00068500	0.00000000

225.000	0.00013100	0.00137000	0.00879000	0.00764900	0.00057100	0.00000000
247.500	0.00010900	0.00114200	0.00456700	0.00479500	0.00011500	0.00000000
270.000	0.00028900	0.00171300	0.00411000	0.00331100	0.00000000	0.00000000
292.500	0.00010900	0.00114200	0.00456700	0.00376800	0.00022900	0.00000000
315.000	0.00013100	0.00137000	0.00616500	0.01004600	0.00125600	0.00011500
337.500	0.00033800	0.00353900	0.00993200	0.01609600	0.00262600	0.00034300

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

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

FILE: Pensa90.STA

FORMAT: (6F10.0)

SURFACE STATION NO.: 13899

UPPER AIR STATION NO.: 12832

NAME: PENSACOLA

NAME: APALACHICOLA

YEAR: 1990

YEAR: 1990

ANNUAL: STABILITY CATEGORY E

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00000000	0.01016000	0.01872200	0.00000000	0.00000000	0.00000000
22.500	0.00000000	0.00399600	0.00308300	0.00000000	0.00000000	0.00000000
45.000	0.00000000	0.00525200	0.00445300	0.00000000	0.00000000	0.00000000
67.500	0.00000000	0.00502300	0.00365300	0.00000000	0.00000000	0.00000000
90.000	0.00000000	0.00764900	0.00433800	0.00000000	0.00000000	0.00000000
112.500	0.00000000	0.00433800	0.00285400	0.00000000	0.00000000	0.00000000
135.000	0.00000000	0.00182700	0.00216900	0.00000000	0.00000000	0.00000000
157.500	0.00000000	0.00251200	0.00239800	0.00000000	0.00000000	0.00000000
180.000	0.00000000	0.00468100	0.00559400	0.00000000	0.00000000	0.00000000
202.500	0.00000000	0.00251200	0.00479500	0.00000000	0.00000000	0.00000000
225.000	0.00000000	0.00216900	0.00502300	0.00000000	0.00000000	0.00000000
247.500	0.00000000	0.00342500	0.00445300	0.00000000	0.00000000	0.00000000
270.000	0.00000000	0.00171300	0.00548000	0.00000000	0.00000000	0.00000000
292.500	0.00000000	0.00205500	0.00216900	0.00000000	0.00000000	0.00000000
315.000	0.00000000	0.00274000	0.00331100	0.00000000	0.00000000	0.00000000
337.500	0.00000000	0.00719200	0.01290000	0.00000000	0.00000000	0.00000000

ANNUAL: STABILITY CATEGORY F

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.01958100	0.03036600	0.00000000	0.00000000	0.00000000	0.00000000
22.500	0.00648900	0.01004600	0.00000000	0.00000000	0.00000000	0.00000000
45.000	0.00736000	0.01175800	0.00000000	0.00000000	0.00000000	0.00000000
67.500	0.00481200	0.00810600	0.00000000	0.00000000	0.00000000	0.00000000
90.000	0.00601800	0.00810600	0.00000000	0.00000000	0.00000000	0.00000000
112.500	0.00271800	0.00331100	0.00000000	0.00000000	0.00000000	0.00000000
135.000	0.00300600	0.00353900	0.00000000	0.00000000	0.00000000	0.00000000
157.500	0.00266200	0.00353900	0.00000000	0.00000000	0.00000000	0.00000000
180.000	0.00479500	0.00502300	0.00000000	0.00000000	0.00000000	0.00000000
202.500	0.00300800	0.00388200	0.00000000	0.00000000	0.00000000	0.00000000

225.000	0.00457400	0.00662200	0.00000000	0.00000000	0.00000000	0.00000000
247.500	0.00538500	0.00787700	0.00000000	0.00000000	0.00000000	0.00000000
270.000	0.00527100	0.00799100	0.00000000	0.00000000	0.00000000	0.00000000
292.500	0.00533500	0.00913300	0.00000000	0.00000000	0.00000000	0.00000000
315.000	0.00700900	0.01073100	0.00000000	0.00000000	0.00000000	0.00000000
337.500	0.01130000	0.01815100	0.00000000	0.00000000	0.00000000	0.00000000

SUM OF FREQUENCIES, FTOTAL = 1.00014

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1990 Met
*** Revised building height = 38'

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: CLOSEIN ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-886.00	-786.00	-686.00	X-COORD (METERS) -586.00	-486.00	-386.00	-286.00	-186.00	-86.00
943.00	0.028538	0.028133	0.027661	0.027127	0.026547	0.026015	0.027031	0.029199	0.032426
843.00	0.029196	0.029156	0.028637	0.028031	0.027347	0.026607	0.027083	0.028770	0.032169
743.00	0.030134	0.029849	0.029776	0.029103	0.028312	0.027409	0.026986	0.028645	0.031853
643.00	0.031401	0.030921	0.030545	0.030414	0.029486	0.028450	0.027229	0.028657	0.032130
543.00	0.032905	0.032452	0.031861	0.031312	0.031107	0.029920	0.028681	0.029935	0.034804
443.00	0.034687	0.034339	0.033810	0.033101	0.032406	0.031928	0.031918	0.031677	0.039028
343.00	0.036779	0.036644	0.036413	0.035915	0.034762	0.034144	0.034512	0.035011	0.041994
243.00	0.038160	0.039091	0.039621	0.039619	0.038679	0.037565	0.037689	0.039432	0.044093
143.00	0.037827	0.039386	0.041501	0.043528	0.043170	0.043361	0.044463	0.047251	0.050399
43.00	0.037496	0.039074	0.041135	0.043823	0.047699	0.052805	0.055853	0.061524	0.066201
-57.00	0.037261	0.038704	0.040678	0.043614	0.049156	0.056936	0.069421	0.089298	0.094157
-157.00	0.036911	0.038175	0.039886	0.043274	0.049853	0.058335	0.070767	0.086810	0.094783
-257.00	0.032432	0.033002	0.033721	0.035390	0.038589	0.041503	0.043889	0.043176	0.042744
-357.00	0.028047	0.027971	0.027791	0.027844	0.028075	0.028347	0.029809	0.032144	0.034919
-457.00	0.023939	0.023336	0.022470	0.022806	0.023652	0.024799	0.025799	0.027202	0.029232
-557.00	0.020508	0.020562	0.020915	0.021318	0.021843	0.022481	0.022647	0.023010	0.028915
-657.00	0.019437	0.019776	0.020086	0.020328	0.020510	0.020383	0.020009	0.020610	0.030451
-757.00	0.019045	0.019315	0.019547	0.019699	0.019390	0.018737	0.018816	0.019522	0.030831
-857.00	0.018818	0.019049	0.019245	0.019055	0.018502	0.018162	0.018019	0.021640	0.030630
-957.00	0.018720	0.018940	0.018853	0.018474	0.018096	0.017797	0.017644	0.023074	0.031478
-1057.00	0.018717	0.018712	0.018467	0.018085	0.017756	0.017519	0.018758	0.024127	0.032706
-1157.00	0.018575	0.018443	0.018085	0.017745	0.017458	0.017263	0.020089	0.025270	0.034110
-1257.00	0.018368	0.018052	0.017736	0.017442	0.017198	0.017389	0.020999	0.027048	0.035322

*** MODELING OPTIONS USED: CONC RURAL FLAT DEFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: CLOSEIN ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/M**3 **

Y-COORD (METERS)	14.00	114.00	214.00	X-COORD (METERS)		514.00	614.00	714.00	814.00
				314.00	414.00				
943.00	0.035980	0.038359	0.039619	0.033404	0.027428	0.021894	0.018177	0.016001	0.015316
843.00	0.035971	0.038319	0.039303	0.032437	0.025912	0.020623	0.016893	0.015727	0.015033
743.00	0.035946	0.038179	0.038685	0.031057	0.023967	0.019233	0.016251	0.015421	0.014726
643.00	0.037993	0.040778	0.040612	0.031525	0.023476	0.018084	0.015940	0.015087	0.014409
543.00	0.043329	0.046902	0.046438	0.034366	0.025338	0.018133	0.016400	0.014969	0.013953
443.00	0.048656	0.052836	0.051309	0.035579	0.025815	0.020255	0.017959	0.015339	0.013541
343.00	0.055828	0.060848	0.057266	0.038603	0.025711	0.021534	0.018399	0.015827	0.013744
243.00	0.065436	0.071948	0.064625	0.042087	0.027718	0.022424	0.018294	0.015863	0.014231
143.00	0.076720	0.084862	0.078393	0.044573	0.029835	0.022430	0.018140	0.015467	0.013977
43.00	0.083552	0.091352	0.104099	0.046661	0.030662	0.021784	0.017476	0.015223	0.013952
-57.00	0.065971	0.052476	0.145708	0.056584	0.029998	0.021551	0.017529	0.015321	0.014047
-157.00	0.057738	0.071590	0.024230	0.044581	0.029205	0.021474	0.017473	0.015333	0.014152
-257.00	0.038360	0.080609	0.160288	0.036372	0.018970	0.014908	0.013554	0.012692	0.012384
-357.00	0.067446	0.088325	0.113978	0.068113	0.027462	0.017215	0.012235	0.010529	0.011072
-457.00	0.064048	0.080686	0.089090	0.063116	0.037578	0.021621	0.015899	0.012815	0.011486
-557.00	0.055012	0.071197	0.074772	0.057124	0.040837	0.027024	0.018755	0.015624	0.013887
-657.00	0.048529	0.063043	0.066039	0.052747	0.042067	0.030530	0.022642	0.017902	0.016041
-757.00	0.046688	0.057600	0.060225	0.049732	0.041391	0.033192	0.025771	0.020808	0.017474
-857.00	0.045407	0.054173	0.056551	0.048126	0.040844	0.033088	0.027259	0.022529	0.019675
-957.00	0.043498	0.050381	0.052139	0.045185	0.038864	0.033620	0.029190	0.025324	0.022152
-1057.00	0.043043	0.049195	0.051212	0.044993	0.039607	0.035309	0.031668	0.027911	0.024701
-1157.00	0.043633	0.049606	0.052106	0.046425	0.041301	0.036995	0.033603	0.030122	0.026962
-1257.00	0.044133	0.049922	0.052724	0.047504	0.042710	0.038484	0.035106	0.032023	0.028951

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1990 Met
*** Revised building height = 38'

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*** MODELING OPTIONS USED: CONC RURAL FLAT DEFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: CLOSEIN ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/M**3 **

Y-COORD (METERS) |	X-COORD (METERS)				
	914.00	1014.00	1114.00	1214.00	1314.00

943.00 |	0.014730	0.014242	0.013844	0.013464	0.013130
843.00 |	0.014454	0.013985	0.013539	0.013150	0.012956
743.00 |	0.014165	0.013634	0.013177	0.012949	0.012788
643.00 |	0.013767	0.013220	0.012940	0.012752	0.012633
543.00 |	0.013296	0.012940	0.012708	0.012569	0.012497
443.00 |	0.012949	0.012659	0.012491	0.012411	0.012392
343.00 |	0.012727	0.012390	0.012304	0.012289	0.012335
243.00 |	0.012682	0.012179	0.012202	0.012249	0.012270
143.00 |	0.012684	0.012168	0.012126	0.012166	0.012212
43.00 |	0.013165	0.012321	0.012134	0.012195	0.012253
-57.00 |	0.013318	0.012524	0.012292	0.012348	0.012402
-157.00 |	0.013498	0.012788	0.012594	0.012624	0.012652
-257.00 |	0.012343	0.012187	0.012298	0.012377	0.012440
-357.00 |	0.011598	0.011958	0.012177	0.012278	0.012341
-457.00 |	0.011453	0.012096	0.012225	0.012303	0.012351
-557.00 |	0.013104	0.012709	0.012523	0.012441	0.012459
-657.00 |	0.014737	0.014140	0.013611	0.013158	0.012830
-757.00 |	0.016470	0.015627	0.014922	0.014331	0.013837
-857.00 |	0.018053	0.017081	0.016250	0.015542	0.014935
-957.00 |	0.019903	0.018457	0.017542	0.016741	0.016037
-1057.00 |	0.022022	0.020072	0.018760	0.017888	0.017108
-1157.00 |	0.024236	0.021919	0.020180	0.018958	0.018121
-1257.00 |	0.026233	0.023858	0.021803	0.020217	0.019059

*** MODELING OPTIONS USED: CONC RURAL FLAT DEFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: FAROUT ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-5486.00	-4986.00	-4486.00	X-COORD (METERS) -3986.00	-3486.00	-2986.00	-2486.00	-1986.00	-1486.00
5343.00	0.011370	0.011463	0.011580	0.011649	0.011664	0.011622	0.011519	0.011731	0.013717
4843.00	0.012241	0.012270	0.012370	0.012482	0.012537	0.012527	0.012441	0.012289	0.013987
4343.00	0.013195	0.013276	0.013307	0.013414	0.013527	0.013564	0.013511	0.013362	0.014168
3843.00	0.014231	0.014382	0.014484	0.014528	0.014651	0.014759	0.014759	0.014637	0.014472
3343.00	0.015349	0.015597	0.015796	0.015934	0.015998	0.016137	0.016223	0.016155	0.015915
2843.00	0.016550	0.016919	0.017247	0.017516	0.017705	0.017795	0.017945	0.017967	0.017761
2343.00	0.017820	0.018337	0.018831	0.019278	0.019650	0.019909	0.020010	0.020134	0.020000
1843.00	0.018359	0.019435	0.020529	0.021207	0.021834	0.022340	0.022668	0.022757	0.022764
1343.00	0.018576	0.019646	0.020886	0.022340	0.024070	0.025096	0.025814	0.026152	0.026006
843.00	0.018748	0.019802	0.021021	0.022447	0.024113	0.026097	0.028463	0.030289	0.030460
343.00	0.018872	0.019902	0.021089	0.022472	0.024067	0.025971	0.028188	0.030676	0.033451
-157.00	0.018946	0.019944	0.021090	0.022421	0.023950	0.025779	0.027946	0.030325	0.032870
-657.00	0.017070	0.017755	0.018499	0.019302	0.020129	0.020948	0.021632	0.021816	0.020890
-1157.00	0.015207	0.015592	0.015957	0.016271	0.016457	0.016445	0.015983	0.016068	0.017204
-1657.00	0.013421	0.013542	0.013583	0.013498	0.013261	0.013915	0.014813	0.015859	0.017154
-2157.00	0.011761	0.011668	0.011707	0.012282	0.012945	0.013717	0.014623	0.015705	0.015941
-2657.00	0.010673	0.011115	0.011608	0.012165	0.012804	0.013545	0.014443	0.014746	0.014706
-3157.00	0.010623	0.011054	0.011533	0.012070	0.012681	0.013383	0.013669	0.013729	0.013712
-3657.00	0.010589	0.011009	0.011473	0.011989	0.012568	0.012803	0.012842	0.012866	0.012882
-4157.00	0.010565	0.010974	0.011422	0.011915	0.012110	0.012135	0.012152	0.012167	0.012515
-4657.00	0.010537	0.010944	0.011375	0.011542	0.011555	0.011562	0.011567	0.011579	0.014228
-5157.00	0.010497	0.010900	0.011061	0.011067	0.011066	0.011063	0.011063	0.011119	0.015895
-5657.00	0.010452	0.010608	0.010634	0.010640	0.010632	0.010624	0.010622	0.011653	0.017113

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1990 Met
*** Revised building height = 38'

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: FAROUT ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-986.00	-486.00	14.00	X-COORD (METERS) 514.00	1014.00	1514.00	2014.00	2514.00	3014.00
5343.00	0.015841	0.018040	0.020238	0.019459	0.016869	0.014347	0.011973	0.009941	0.009673
4843.00	0.016440	0.019016	0.021607	0.020648	0.017552	0.014569	0.011810	0.010346	0.010039
4343.00	0.017019	0.020066	0.023162	0.021960	0.018201	0.014634	0.011465	0.010750	0.010400
3843.00	0.017534	0.021178	0.024935	0.023394	0.018753	0.014439	0.011635	0.011139	0.010746
3343.00	0.017907	0.022328	0.026973	0.024946	0.019107	0.013813	0.012057	0.011496	0.011064
2843.00	0.018038	0.023373	0.029208	0.026451	0.018955	0.013296	0.012442	0.011801	0.011341
2343.00	0.019604	0.024219	0.031693	0.027788	0.017972	0.013667	0.012661	0.012035	0.011426
1843.00	0.022219	0.024360	0.033987	0.028203	0.015722	0.013673	0.012735	0.012017	0.011464
1343.00	0.025476	0.024578	0.035629	0.026533	0.014976	0.013329	0.012477	0.011983	0.011509
843.00	0.029414	0.027347	0.035971	0.020623	0.013985	0.012650	0.012348	0.012057	0.011567
343.00	0.036851	0.034762	0.055828	0.021534	0.012390	0.012414	0.012284	0.011956	0.011521
-157.00	0.036004	0.049853	0.057738	0.021474	0.012788	0.012715	0.012576	0.012168	0.011653
-657.00	0.019105	0.020510	0.048529	0.030530	0.014140	0.012611	0.012420	0.011984	0.011468
-1157.00	0.018514	0.017458	0.043633	0.036995	0.021919	0.016678	0.014067	0.012226	0.011441
-1657.00	0.017073	0.017878	0.046004	0.042990	0.029733	0.020953	0.016807	0.014329	0.012500
-2157.00	0.015674	0.022711	0.046549	0.045062	0.033805	0.025501	0.019292	0.015990	0.013894
-2657.00	0.014610	0.026843	0.045630	0.044945	0.035540	0.028349	0.022304	0.017585	0.014943
-3157.00	0.015575	0.029034	0.044120	0.043841	0.036118	0.029766	0.024344	0.019795	0.016095
-3657.00	0.018587	0.030026	0.042378	0.042326	0.035960	0.030227	0.025534	0.021347	0.017786
-4157.00	0.020554	0.030253	0.040506	0.040568	0.035261	0.030397	0.026224	0.022426	0.019083
-4657.00	0.021825	0.030165	0.038848	0.038973	0.034472	0.030252	0.026507	0.023124	0.020036
-5157.00	0.022625	0.029868	0.037329	0.037485	0.033614	0.029925	0.026543	0.023535	0.020707
-5657.00	0.023100	0.029451	0.035940	0.036110	0.032740	0.029487	0.026452	0.023732	0.021151

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: FAROUT ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/M**3 **

Y-COORD (METERS)	3514.00	4014.00	4514.00	X-COORD (METERS)	
				5014.00	5514.00

5343.00	0.009445	0.009245	0.009068	0.008897	0.008731
4843.00	0.009781	0.009559	0.009363	0.009185	0.008910
4343.00	0.010112	0.009867	0.009654	0.009351	0.009018
3843.00	0.010429	0.010166	0.009817	0.009441	0.009106
3343.00	0.010726	0.010318	0.009895	0.009521	0.009185
2843.00	0.010857	0.010381	0.009964	0.009594	0.009261
2343.00	0.010901	0.010439	0.010032	0.009669	0.009340
1843.00	0.010944	0.010512	0.010117	0.009757	0.009372
1343.00	0.011083	0.010595	0.010121	0.009699	0.009320
843.00	0.011044	0.010515	0.010060	0.009647	0.009275
343.00	0.011006	0.010477	0.010027	0.009615	0.009245
-157.00	0.011083	0.010514	0.010038	0.009614	0.009237
-657.00	0.010917	0.010371	0.009904	0.009487	0.009118
-1157.00	0.010819	0.010270	0.009793	0.009375	0.009009
-1657.00	0.011092	0.010196	0.009700	0.009278	0.008912
-2157.00	0.012280	0.011014	0.010006	0.009209	0.008825
-2657.00	0.013250	0.011879	0.010776	0.009880	0.009145
-3157.00	0.013960	0.012570	0.011425	0.010477	0.009687
-3657.00	0.014834	0.013087	0.011942	0.010975	0.010156
-4157.00	0.016213	0.013789	0.012332	0.011372	0.010546
-4657.00	0.017309	0.014942	0.012910	0.011675	0.010858
-5157.00	0.018151	0.015881	0.013890	0.012159	0.011081
-5657.00	0.018775	0.016625	0.014704	0.012989	0.011470

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE: 1207 ***

** CONC OF NOX IN MICROGRAMS/M**3 **

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.123856	AT (	214.00, -257.00) GC	6.	0.053842	AT (	214.00, 143.00) GC
2.	0.120313	AT (	214.00, -57.00) GC	7.	0.046616	AT (	214.00, -457.00) GC
3.	0.075880	AT (	214.00, 43.00) GC	8.	0.043460	AT (	214.00, 243.00) GC
4.	0.069588	AT (	214.00, -357.00) GC	9.	0.041175	AT (	314.00, -357.00) GC
5.	0.058075	AT (	114.00, -157.00) GC	10.	0.037010	AT (	214.00, 343.00) GC

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE: GEN03 ***

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.089606	AT (	-86.00, -57.00) GC	6.	0.066682	AT (	114.00, -257.00) GC
2.	0.081365	AT (	-186.00, -57.00) GC	7.	0.066055	AT (	-186.00, -157.00) GC
3.	0.077575	AT (	114.00, -357.00) GC	8.	0.065681	AT (	114.00, -457.00) GC
4.	0.070005	AT (	14.00, 43.00) GC	9.	0.063074	AT (	14.00, -57.00) GC
5.	0.069748	AT (	-86.00, -157.00) GC	10.	0.060180	AT (	-86.00, 43.00) GC

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

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1990 Met

11/26/99

*** Revised building height = 38'

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT.

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: ALL ***
INCLUDING SOURCE(S): 1207 , GEN03 ,

** CONC OF NOX IN MICROGRAMS/M**3 **

RANK	CONC	AT	RECEPTOR (XR, YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR, YR) OF TYPE
1.	0.160288	AT (	214.00, -257.00) GC	6.	0.094157	AT (	-86.00, -57.00) GC
2.	0.145708	AT (	214.00, -57.00) GC	7.	0.091352	AT (	114.00, 43.00) GC
3.	0.113978	AT (	214.00, -357.00) GC	8.	0.089298	AT (	-186.00, -57.00) GC
4.	0.104099	AT (	214.00, 43.00) GC	9.	0.089090	AT (	214.00, -457.00) GC
5.	0.094783	AT (	-86.00, -157.00) GC	10.	0.088325	AT (	114.00, -357.00) GC

*** RECEPTOR TYPES:

- GC = GRIDCART
- GP = GRIDPOLR
- DC = DISCCART
- DP = DISCPOLR
- BD = BOUNDARY

*** MODELING OPTIONS USED: CONC RURAL FLAT DEFAULT

*** SOURCE 1207 CONTRIBUTIONS TO THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: ALL ***

** CONC OF NOX IN MICROGRAMS/M**3 **

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.123856	AT (	214.00, -257.00) GC	6.	0.004551	AT (	-86.00, -57.00) GC
2.	0.120313	AT (	214.00, -57.00) GC	7.	0.036213	AT (	114.00, 43.00) GC
3.	0.069588	AT (	214.00, -357.00) GC	8.	0.007933	AT (	-186.00, -57.00) GC
4.	0.075880	AT (	214.00, 43.00) GC	9.	0.046616	AT (	214.00, -457.00) GC
5.	0.025036	AT (	-86.00, -157.00) GC	10.	0.010750	AT (	114.00, -357.00) GC

*** SOURCE GEN03 CONTRIBUTIONS TO THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: ALL ***

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.036431	AT (	214.00, -257.00) GC	6.	0.089606	AT (	-86.00, -57.00) GC
2.	0.025394	AT (	214.00, -57.00) GC	7.	0.055139	AT (	114.00, 43.00) GC
3.	0.044390	AT (	214.00, -357.00) GC	8.	0.081365	AT (	-186.00, -57.00) GC
4.	0.028219	AT (	214.00, 43.00) GC	9.	0.042474	AT (	214.00, -457.00) GC
5.	0.069748	AT (	-86.00, -157.00) GC	10.	0.077575	AT (	114.00, -357.00) GC

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

*** ISCLT3 - VERSION 96113 ***
*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1990 Met
*** Revised building height = 38'

*** 11/26/99
*** 13:28:07
*** PAGE 22

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** Message Summary : ISCLT3 Model Execution ***

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

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

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

***** WARNING MESSAGES *****
*** NONE ***

*** ISCLT3 Finishes Successfully ***

ISCLT3 NO_x 1991

** The results for this run are in file 12LT91E.OUT

CO STARTING

TITLEONE FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1991 Met
TITLETWO Revised building height = 38'
MODELOPT DFAULT CONC RURAL
AVERTIME ANNUAL
POLLUTID NOX
RUNORNOT RUN

CO FINISHED

SO STARTING

SO LOCATION 1207 POINT 214.0 -157.0

** Parameters	QS	HS	TS	VS	DS		
**	-----	-----	-----	-----	-----	---	---
SO SRCPARAM 1207	1.109	17.68	718.1	13.85	2.66		
SO BUILDHGT 1207		11.58	11.58	11.58	11.58	11.58	.00
SO BUILDHGT 1207		11.58	11.58	11.58	11.58	11.58	11.58
SO BUILDHGT 1207		11.58	.00	11.58	11.58		
SO BUILDWID 1207		24.38	27.19	25.86	20.60	12.19	.00
SO BUILDWID 1207		8.62	17.86	24.38	27.19	25.86	20.60
SO BUILDWID 1207		12.19	.00	8.62	17.86		

SO LOCATION GEN03 POINT 62.2 -150.3

** Parameters	QS	HS	TS	VS	DS		
**	-----	-----	-----	-----	-----	---	---
SO SRCPARAM GEN03	0.020	6.10	644.26	45.49	0.2		
SO BUILDHGT GEN03		3.66	3.66	3.66	3.66	3.66	3.66
SO BUILDHGT GEN03		3.66	3.66	3.66	3.66	3.66	3.66
SO BUILDHGT GEN03		3.66	3.66	3.66	3.66		
SO BUILDWID GEN03		39.62	39.52	33.41	22.20	7.62	22.20
SO BUILDWID GEN03		33.41	39.52	39.62	39.52	33.41	22.20
SO BUILDWID GEN03		7.62	22.20	33.41	39.52		

SO SRCGROUP ALL

SO FINISHED

RE STARTING

GRIDCART CLOSEIN STA
GRIDCART CLOSEIN XYINC -886 23 100 -1257 23 100
GRIDCART CLOSEIN END
GRIDCART FAROUT STA
GRIDCART FAROUT XYINC -5486 23 500 -5657 23 500
GRIDCART FAROUT END

RE FINISHED

```

ME STARTING
INPUTFIL  Pensa91.STA
ANEMHGHT  10.
SURFDATA  13899  1991  PENSACOLA
UAIRDATA  12832  1991  APALACHICOLA
STARDATE  ANNUAL

```

** - AMBIENT AIR TEMPERATURE (DEGREES KELVIN) -

```

**
**          STAB    STAB    STAB    STAB    STAB    STAB
**          CAT 1   CAT 2   CAT 3   CAT 4   CAT 5   CAT 6
**          -----
AVETEMPS  ANNUAL   298.0   298.0   298.0   293.2   288.2   288.2

```

** - MIXING LAYER HEIGHT (METERS) -

```

**
**          S
**          T    WS      WS      WS      WS      WS      WS
**          SEAS A  CAT 1   CAT 2   CAT 3   CAT 4   CAT 5   CAT 6
**          ---- B  -----
AVEMIXHT  ANNUAL 1  .180E+04 .180E+04 .180E+04 .180E+04 .180E+04 .180E+04
AVEMIXHT  ANNUAL 2  .120E+04 .120E+04 .120E+04 .120E+04 .120E+04 .120E+04
AVEMIXHT  ANNUAL 3  .120E+04 .120E+04 .120E+04 .120E+04 .120E+04 .120E+04
AVEMIXHT  ANNUAL 4  .120E+04 .120E+04 .120E+04 .120E+04 .120E+04 .120E+04
AVEMIXHT  ANNUAL 5  .100E+05 .100E+05 .100E+05 .100E+05 .100E+05 .100E+05
AVEMIXHT  ANNUAL 6  .100E+05 .100E+05 .100E+05 .100E+05 .100E+05 .100E+05

```

ME FINISHED

```

OU STARTING
RECTABLE  SRCGRP
MAXTABLE  10 INDSRC SRCGRP SOCONT
OU FINISHED

```

```

*****
*** SETUP Finishes Successfully ***
*****

```

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1991 Met
*** Revised building height = 38'

*** 12/26/99
*** 13:28:08
PAGE 1

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Model Is Setup For Calculation of Average CONCentration Values.
**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations.

**Model Uses NO plume DEPLETION.

**Model Uses RURAL Dispersion.

**Model Uses Regulatory DEFAULT Options:

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

**Model Assumes Receptors on FLAT Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

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

**Data File Includes 1 STAR Summaries for the Following Months: 0 0 0 0 0 0 0 0 0 0 0 0
 Seasons/Quarters: 0 0 0 0
 and Annual: 1

**This Run Includes: 2 Source(s); 1 Source Group(s); and 1058 Receptor(s)

**The Model Assumes A Pollutant Type of: NOX

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

**Output Options Selected:

Model Outputs Tables of Long Term Values by Receptor (RECTABLE Keyword)
Model Outputs Tables of Maximum Long Term Values (MAXTABLE Keyword)

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
 Output Units = MICROGRAMS/M**3

**Input Runstream File: 12LT91e.IN ; **Output Print File: 12LT91e.OUT

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1991 Met
*** Revised building height = 38'

*** 11/26/99
*** 13:28:08
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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
1207	0	0.11090E+01	214.0	-157.0	0.0	17.68	718.10	13.85	2.66	YES	
GEN03	0	0.20000E-01	62.2	-150.3	0.0	6.10	644.26	45.49	0.20	YES	

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1991 Met
*** Revised building height = 38'

*** 11/26/99
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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	1207 , GEN03 ,

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1991 Met
*** Revised building height = 38'

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: 1207

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	11.6,	24.4,	0	2	11.6,	27.2,	0	3	11.6,	25.9,	0	4	11.6,	20.6,	0
5	11.6,	12.2,	0	6	0.0,	0.0,	0	7	11.6,	8.6,	0	8	11.6,	17.9,	0
9	11.6,	24.4,	0	10	11.6,	27.2,	0	11	11.6,	25.9,	0	12	11.6,	20.6,	0
13	11.6,	12.2,	0	14	0.0,	0.0,	0	15	11.6,	8.6,	0	16	11.6,	17.9,	0

SOURCE ID: GEN03

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	3.7,	39.6,	0	2	3.7,	39.5,	0	3	3.7,	33.4,	0	4	3.7,	22.2,	0
5	3.7,	7.6,	0	6	3.7,	22.2,	0	7	3.7,	33.4,	0	8	3.7,	39.5,	0
9	3.7,	39.6,	0	10	3.7,	39.5,	0	11	3.7,	33.4,	0	12	3.7,	22.2,	0
13	3.7,	7.6,	0	14	3.7,	22.2,	0	15	3.7,	33.4,	0	16	3.7,	39.5,	0

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1991 Met
*** Revised building height = 38'

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13:28:08
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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: CLOSEIN ; NETWORK TYPE: GRIDCART ***

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

-886.0,	-786.0,	-686.0,	-586.0,	-486.0,	-386.0,	-286.0,	-186.0,	-86.0,	14.0,
114.0,	214.0,	314.0,	414.0,	514.0,	614.0,	714.0,	814.0,	914.0,	1014.0,
1114.0,	1214.0,	1314.0,							

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

-1257.0,	-1157.0,	-1057.0,	-957.0,	-857.0,	-757.0,	-657.0,	-557.0,	-457.0,	-357.0,
-257.0,	-157.0,	-57.0,	43.0,	143.0,	243.0,	343.0,	443.0,	543.0,	643.0,
743.0,	843.0,	943.0,							

```

*** ISCLT3 - VERSION 96113 ***      *** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1991 Met ***      11/26/99
*** Revised building height = 38' ***      ***      13:28:08
*** MODELING OPTIONS USED:  CONC   RURAL  FLAT           DEFAULT ***      PAGE 6

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*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: FAROUT ; NETWORK TYPE: GRIDCART ***

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

-5486.0,	-4986.0,	-4486.0,	-3986.0,	-3486.0,	-2986.0,	-2486.0,	-1986.0,	-1486.0,	-986.0,
-486.0,	14.0,	514.0,	1014.0,	1514.0,	2014.0,	2514.0,	3014.0,	3514.0,	4014.0,
4514.0,	5014.0,	5514.0,							

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

-5657.0,	-5157.0,	-4657.0,	-4157.0,	-3657.0,	-3157.0,	-2657.0,	-2157.0,	-1657.0,	-1157.0,
-657.0,	-157.0,	343.0,	843.0,	1343.0,	1843.0,	2343.0,	2843.0,	3343.0,	3843.0,
4343.0,	4843.0,	5343.0,							

```

*** ISCLT3 - VERSION 96113 ***      *** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1991 Met ***      11/26/99
*** Revised building height = 38' ***      ***      13:28:08
*** MODELING OPTIONS USED:  CONC   RURAL  FLAT           DEFAULT ***      PAGE 7

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR 3*ZLB IN DISTANCE, OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR LOCATION - -		DISTANCE (METERS)
	XR (METERS)	YR (METERS)	
1207	214.0	-157.0	0.00

*** MODELING OPTIONS USED: CONC RURAL FLAT DEFAULT

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

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

*** WIND PROFILE EXPONENTS ***

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

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

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

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

	STABILITY CATEGORY A	STABILITY CATEGORY B	STABILITY CATEGORY C	STABILITY CATEGORY D	STABILITY CATEGORY E	STABILITY CATEGORY F
ANNUAL	298.0000	298.0000	298.0000	293.2000	288.2000	288.2000

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1991 Met
*** Revised building height = 38'

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** AVERAGE MIXING LAYER HEIGHT (METERS) ***

	ANNUAL					
	WIND SPEED	WIND SPEED	WIND SPEED	WIND SPEED	WIND SPEED	WIND SPEED
	CATEGORY 1	CATEGORY 2	CATEGORY 3	CATEGORY 4	CATEGORY 5	CATEGORY 6
STABILITY CATEGORY A	1800.0001	1800.0001	1800.0001	1800.0001	1800.0001	1800.0001
STABILITY CATEGORY B	1200.0000	1200.0000	1200.0000	1200.0000	1200.0000	1200.0000
STABILITY CATEGORY C	1200.0000	1200.0000	1200.0000	1200.0000	1200.0000	1200.0000
STABILITY CATEGORY D	1200.0000	1200.0000	1200.0000	1200.0000	1200.0000	1200.0000
STABILITY CATEGORY E	10000.0000	10000.0000	10000.0000	10000.0000	10000.0000	10000.0000
STABILITY CATEGORY F	10000.0000	10000.0000	10000.0000	10000.0000	10000.0000	10000.0000

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

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

FILE: Pensa91.STA

FORMAT: (6F10.0)

SURFACE STATION NO.: 13899

UPPER AIR STATION NO.: 12832

NAME: PENSACOLA

NAME: APALACHICOLA

YEAR: 1991

YEAR: 1991

ANNUAL: STABILITY CATEGORY A

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00037700	0.00068500	0.00000000	0.00000000	0.00000000	0.00000000
22.500	0.00018900	0.00034300	0.00000000	0.00000000	0.00000000	0.00000000
45.000	0.00024000	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
67.500	0.00024000	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
90.000	0.00043900	0.00080000	0.00000000	0.00000000	0.00000000	0.00000000
112.500	0.00036500	0.00034300	0.00000000	0.00000000	0.00000000	0.00000000
135.000	0.00031400	0.00057100	0.00000000	0.00000000	0.00000000	0.00000000
157.500	0.00006300	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
180.000	0.00036500	0.00034300	0.00000000	0.00000000	0.00000000	0.00000000
202.500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
225.000	0.00025100	0.00045700	0.00000000	0.00000000	0.00000000	0.00000000
247.500	0.00006300	0.00011500	0.00000000	0.00000000	0.00000000	0.00000000
270.000	0.00012600	0.00022900	0.00000000	0.00000000	0.00000000	0.00000000
292.500	0.00036500	0.00034300	0.00000000	0.00000000	0.00000000	0.00000000
315.000	0.00048000	0.00022900	0.00000000	0.00000000	0.00000000	0.00000000
337.500	0.00012600	0.00022900	0.00000000	0.00000000	0.00000000	0.00000000

ANNUAL: STABILITY CATEGORY B

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00056700	0.00411000	0.00274000	0.00000000	0.00000000	0.00000000
22.500	0.00017400	0.00125600	0.00091400	0.00000000	0.00000000	0.00000000
45.000	0.00091400	0.00285400	0.00114200	0.00000000	0.00000000	0.00000000
67.500	0.00054400	0.00205500	0.00091400	0.00000000	0.00000000	0.00000000
90.000	0.00083100	0.00319700	0.00262600	0.00000000	0.00000000	0.00000000
112.500	0.00068500	0.00308300	0.00251200	0.00000000	0.00000000	0.00000000
135.000	0.00020500	0.00148500	0.00274000	0.00000000	0.00000000	0.00000000
157.500	0.00035100	0.00159900	0.00148500	0.00000000	0.00000000	0.00000000
180.000	0.00054400	0.00205500	0.00319700	0.00000000	0.00000000	0.00000000
202.500	0.00009500	0.00068500	0.00091400	0.00000000	0.00000000	0.00000000

225.000	0.00007900	0.00057100	0.00034300	0.00000000	0.00000000	0.00000000
247.500	0.00006300	0.00045700	0.00045700	0.00000000	0.00000000	0.00000000
270.000	0.00027200	0.00102800	0.00068500	0.00000000	0.00000000	0.00000000
292.500	0.00022500	0.00068500	0.00091400	0.00000000	0.00000000	0.00000000
315.000	0.00022100	0.00159900	0.00137000	0.00000000	0.00000000	0.00000000
337.500	0.00017400	0.00125600	0.00091400	0.00000000	0.00000000	0.00000000

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

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

FILE: Pensa91.STA

FORMAT: (6F10.0)

SURFACE STATION NO.: 13899

UPPER AIR STATION NO.: 12832

NAME: PENSACOLA

NAME: APALACHICOLA

YEAR: 1991

YEAR: 1991

ANNUAL: STABILITY CATEGORY C

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00067400	0.00376800	0.01084500	0.00137000	0.00000000	0.00000000
22.500	0.00048200	0.00194100	0.00433800	0.00045700	0.00000000	0.00000000
45.000	0.00051100	0.00285400	0.00616500	0.00000000	0.00000000	0.00000000
67.500	0.00057200	0.00319700	0.00490900	0.00022900	0.00000000	0.00000000
90.000	0.00067400	0.00376800	0.00513700	0.00114200	0.00000000	0.00000000
112.500	0.00026600	0.00148500	0.00605100	0.00182700	0.00000000	0.00000000
135.000	0.00010300	0.00057100	0.00856200	0.00308300	0.00011500	0.00000000
157.500	0.00018400	0.00102800	0.00548000	0.00228400	0.00000000	0.00000000
180.000	0.00028600	0.00159900	0.00799100	0.00296900	0.00000000	0.00000000
202.500	0.00027800	0.00080000	0.00296900	0.00068500	0.00000000	0.00000000
225.000	0.00010300	0.00057100	0.00194100	0.00080000	0.00000000	0.00000000
247.500	0.00018400	0.00102800	0.00182700	0.00000000	0.00000000	0.00000000
270.000	0.00008200	0.00045700	0.00285400	0.00034300	0.00000000	0.00000000
292.500	0.00016400	0.00091400	0.00239800	0.00022900	0.00000000	0.00000000
315.000	0.00027800	0.00080000	0.00445300	0.00091400	0.00000000	0.00000000
337.500	0.00030700	0.00171300	0.00559400	0.00137000	0.00000000	0.00000000

ANNUAL: STABILITY CATEGORY D

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00253100	0.01187300	0.02363100	0.01974900	0.00102800	0.00011500
22.500	0.00092700	0.00696400	0.00844800	0.00228400	0.00011500	0.00000000
45.000	0.00094900	0.00719200	0.00959000	0.00159900	0.00000000	0.00000000
67.500	0.00119300	0.00970400	0.01609600	0.00376800	0.00000000	0.00000000
90.000	0.00186400	0.01016000	0.02306000	0.00981800	0.00011500	0.00000000
112.500	0.00100000	0.00513700	0.01963500	0.01952100	0.00045700	0.00000000
135.000	0.00051700	0.00274000	0.01632500	0.01963500	0.00057100	0.00011500
157.500	0.00040300	0.00285400	0.01335700	0.01518300	0.00091400	0.00000000
180.000	0.00042500	0.00308300	0.01746600	0.01541100	0.00182700	0.00000000
202.500	0.00018900	0.00194100	0.00639300	0.00513700	0.00034300	0.00034300

225.000	0.00013400	0.00137000	0.00730600	0.00639300	0.00034300	0.00011500
247.500	0.00021400	0.00091400	0.00502300	0.00468100	0.00068500	0.00000000
270.000	0.00020000	0.00205500	0.00513700	0.00433800	0.00034300	0.00000000
292.500	0.00037000	0.00251200	0.00559400	0.00388200	0.00057100	0.00000000
315.000	0.00027800	0.00285400	0.00730600	0.01141600	0.00148500	0.00045700
337.500	0.00045800	0.00342500	0.00981800	0.01860800	0.00125600	0.00000000

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

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

FILE: Pensa91.STA

FORMAT: (6F10.0)

SURFACE STATION NO.: 13899

UPPER AIR STATION NO.: 12832

NAME: PENSACOLA

NAME: APALACHICOLA

YEAR: 1991

YEAR: 1991

ANNUAL: STABILITY CATEGORY E

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00000000	0.01290000	0.01438400	0.00000000	0.00000000	0.00000000
22.500	0.00000000	0.00833400	0.00296900	0.00000000	0.00000000	0.00000000
45.000	0.00000000	0.00764900	0.00319700	0.00000000	0.00000000	0.00000000
67.500	0.00000000	0.00913300	0.00342500	0.00000000	0.00000000	0.00000000
90.000	0.00000000	0.00970400	0.00502300	0.00000000	0.00000000	0.00000000
112.500	0.00000000	0.00490900	0.00216900	0.00000000	0.00000000	0.00000000
135.000	0.00000000	0.00411000	0.00102800	0.00000000	0.00000000	0.00000000
157.500	0.00000000	0.00308300	0.00125600	0.00000000	0.00000000	0.00000000
180.000	0.00000000	0.00445300	0.00171300	0.00000000	0.00000000	0.00000000
202.500	0.00000000	0.00308300	0.00091400	0.00000000	0.00000000	0.00000000
225.000	0.00000000	0.00296900	0.00228400	0.00000000	0.00000000	0.00000000
247.500	0.00000000	0.00445300	0.00216900	0.00000000	0.00000000	0.00000000
270.000	0.00000000	0.00296900	0.00399600	0.00000000	0.00000000	0.00000000
292.500	0.00000000	0.00228400	0.00285400	0.00000000	0.00000000	0.00000000
315.000	0.00000000	0.00365300	0.00399600	0.00000000	0.00000000	0.00000000
337.500	0.00000000	0.00685000	0.01244300	0.00000000	0.00000000	0.00000000

ANNUAL: STABILITY CATEGORY F

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.01714500	0.02237500	0.00000000	0.00000000	0.00000000	0.00000000
22.500	0.00533000	0.00570800	0.00000000	0.00000000	0.00000000	0.00000000
45.000	0.00817600	0.01016000	0.00000000	0.00000000	0.00000000	0.00000000
67.500	0.00711800	0.00890500	0.00000000	0.00000000	0.00000000	0.00000000
90.000	0.00616600	0.00433800	0.00000000	0.00000000	0.00000000	0.00000000
112.500	0.00233200	0.00194100	0.00000000	0.00000000	0.00000000	0.00000000
135.000	0.00172100	0.00148500	0.00000000	0.00000000	0.00000000	0.00000000
157.500	0.00167000	0.00171300	0.00000000	0.00000000	0.00000000	0.00000000
180.000	0.00460000	0.00376800	0.00000000	0.00000000	0.00000000	0.00000000
202.500	0.00205400	0.00239800	0.00000000	0.00000000	0.00000000	0.00000000

225.000	0.00352200	0.00502300	0.00000000	0.00000000	0.00000000	0.00000000
247.500	0.00524300	0.00650700	0.00000000	0.00000000	0.00000000	0.00000000
270.000	0.00313900	0.00433800	0.00000000	0.00000000	0.00000000	0.00000000
292.500	0.00419800	0.00559400	0.00000000	0.00000000	0.00000000	0.00000000
315.000	0.00641100	0.00605100	0.00000000	0.00000000	0.00000000	0.00000000
337.500	0.01193600	0.01369900	0.00000000	0.00000000	0.00000000	0.00000000

SUM OF FREQUENCIES, FTOTAL = 1.00015

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1991 Met
*** Revised building height = 38'

*** 6/99
*** 13:28:08
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*** MODELING OPTIONS USED: CONC RURAL FLAT DEFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: CLOSEIN ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-886.00	-786.00	-686.00	X-COORD (METERS)	-586.00	-486.00	-386.00	-286.00	-186.00	-86.00
943.00	0.029166	0.028480	0.027700	0.026830	0.025888	0.024943	0.025033	0.026040	0.027871	
843.00	0.029201	0.029741	0.028929	0.028003	0.026973	0.025860	0.025528	0.026038	0.027994	
743.00	0.029352	0.029781	0.030368	0.029413	0.028319	0.027088	0.026146	0.026499	0.028218	
643.00	0.029644	0.029990	0.030465	0.031123	0.029959	0.028703	0.027239	0.027438	0.029131	
543.00	0.030051	0.030409	0.030825	0.031330	0.032144	0.030893	0.029537	0.029936	0.032249	
443.00	0.030605	0.031014	0.031452	0.032043	0.032789	0.033701	0.034044	0.033715	0.038001	
343.00	0.031331	0.031838	0.032484	0.033229	0.033884	0.035645	0.038153	0.038811	0.043212	
243.00	0.032166	0.032869	0.033807	0.034853	0.035798	0.037540	0.040929	0.045304	0.048979	
143.00	0.033778	0.034594	0.035588	0.036958	0.037371	0.040116	0.045296	0.052525	0.058729	
43.00	0.035587	0.036895	0.038438	0.040279	0.042815	0.046196	0.051187	0.062083	0.072972	
-57.00	0.037608	0.039331	0.041520	0.044597	0.050084	0.057005	0.067078	0.080829	0.089349	
-157.00	0.039514	0.041621	0.044315	0.048825	0.056792	0.066474	0.079955	0.095839	0.098883	
-257.00	0.036349	0.037840	0.039689	0.042850	0.048320	0.054143	0.060733	0.064922	0.062113	
-357.00	0.033255	0.034130	0.035137	0.036828	0.039811	0.042632	0.045996	0.049316	0.049568	
-457.00	0.030353	0.030680	0.030972	0.031570	0.032848	0.035401	0.037392	0.039341	0.039632	
-557.00	0.027782	0.027804	0.028093	0.028501	0.029263	0.030537	0.031598	0.032511	0.037586	
-657.00	0.026077	0.026250	0.026396	0.026468	0.026513	0.027106	0.027846	0.027891	0.038105	
-757.00	0.025084	0.025129	0.025130	0.025035	0.024946	0.024988	0.024802	0.025067	0.037004	
-857.00	0.024320	0.024301	0.024233	0.024165	0.024115	0.023312	0.022603	0.025998	0.035193	
-957.00	0.023755	0.023717	0.023671	0.023642	0.022868	0.022065	0.021285	0.026509	0.034851	
-1057.00	0.023351	0.023337	0.023327	0.022581	0.021815	0.021061	0.021801	0.026902	0.035287	
-1157.00	0.023065	0.023083	0.022389	0.021663	0.020931	0.020227	0.022658	0.027504	0.036012	
-1257.00	0.022854	0.022225	0.021556	0.020867	0.020182	0.019904	0.023166	0.028834	0.036666	

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: CLOSEIN ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/M**3 **

Y-COORD (METERS) |	X-COORD (METERS)								
	14.00	114.00	214.00	314.00	414.00	514.00	614.00	714.00	814.00
943.00 |	0.029923	0.030949	0.031044	0.025831	0.020823	0.016191	0.013431	0.012042	0.012011
843.00 |	0.030195	0.031121	0.030898	0.025078	0.019558	0.015266	0.012510	0.012134	0.012137
743.00 |	0.030599	0.031312	0.030556	0.024003	0.017909	0.014275	0.012256	0.012272	0.012315
643.00 |	0.032687	0.033535	0.031926	0.024087	0.017382	0.013482	0.012429	0.012476	0.012570
543.00 |	0.038028	0.038931	0.036384	0.025956	0.018819	0.013675	0.013258	0.012944	0.012830
443.00 |	0.043637	0.044325	0.040064	0.026582	0.019421	0.015804	0.015075	0.013925	0.013236
343.00 |	0.051531	0.051755	0.044507	0.029287	0.019761	0.017631	0.016265	0.015229	0.013275
243.00 |	0.062296	0.061847	0.049322	0.032455	0.022283	0.019285	0.017089	0.015062	0.013499
143.00 |	0.075327	0.073728	0.059563	0.034868	0.025198	0.020615	0.016978	0.014646	0.013117
43.00 |	0.084093	0.079781	0.081534	0.037221	0.028065	0.020604	0.016833	0.014606	0.013376
-57.00 |	0.067100	0.048272	0.116871	0.049554	0.029237	0.021844	0.018116	0.015763	0.014210
-157.00 |	0.067366	0.082919	0.025615	0.051048	0.033432	0.024440	0.019693	0.016845	0.015027
-257.00 |	0.046643	0.084957	0.159517	0.038842	0.019782	0.015923	0.014685	0.013595	0.012947
-357.00 |	0.076620	0.091530	0.113170	0.068333	0.029945	0.018423	0.012869	0.010838	0.011309
-457.00 |	0.075396	0.087117	0.086223	0.062604	0.039093	0.023696	0.017117	0.013465	0.011749
-557.00 |	0.065706	0.078037	0.072768	0.055394	0.040659	0.028254	0.020421	0.016786	0.014654
-657.00 |	0.057478	0.069074	0.065729	0.050265	0.040162	0.030304	0.023558	0.019561	0.017305
-757.00 |	0.053491	0.062300	0.060408	0.046612	0.038644	0.031363	0.025521	0.021723	0.019058
-857.00 |	0.050320	0.057503	0.056637	0.045695	0.037594	0.030152	0.025847	0.022415	0.020519
-957.00 |	0.046897	0.052535	0.051920	0.043097	0.035383	0.030294	0.026821	0.024207	0.022113
-1057.00 |	0.045391	0.050470	0.050682	0.043054	0.036328	0.031815	0.028553	0.025979	0.023805
-1157.00 |	0.045138	0.050124	0.051139	0.044409	0.038277	0.033401	0.030100	0.027559	0.025375
-1257.00 |	0.044981	0.049850	0.051378	0.045373	0.039820	0.034887	0.031580	0.028981	0.026819

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1991 Met

10/99

*** Revised building height = 38'

13:28:08

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: CLOSEIN ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/M**3 **

Y-COORD (METERS)	914.00	1014.00	1114.00	X-COORD (METERS) 1214.00	1314.00
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943.00	0.012008	0.012028	0.012069	0.012092	0.012119
843.00	0.012164	0.012211	0.012231	0.012251	0.011951
743.00	0.012376	0.012397	0.012415	0.012052	0.011772
643.00	0.012600	0.012619	0.012172	0.011835	0.011586
543.00	0.012870	0.012315	0.011901	0.011603	0.011394
443.00	0.012458	0.011963	0.011607	0.011362	0.011203
343.00	0.012096	0.011564	0.011294	0.011118	0.010988
243.00	0.011842	0.011166	0.010944	0.010854	0.010898
143.00	0.011535	0.010982	0.010934	0.010988	0.011044
43.00	0.012496	0.011452	0.011179	0.011237	0.011288
-57.00	0.013153	0.011969	0.011566	0.011601	0.011630
-157.00	0.013815	0.012537	0.012088	0.012081	0.012070
-257.00	0.012547	0.011969	0.011840	0.011842	0.011831
-357.00	0.011656	0.011723	0.011724	0.011709	0.011663
-457.00	0.011392	0.011790	0.011731	0.011654	0.011567
-557.00	0.013472	0.012641	0.012074	0.011674	0.011539
-657.00	0.015509	0.014495	0.013546	0.012685	0.011982
-757.00	0.017632	0.016351	0.015213	0.014210	0.013338
-857.00	0.019515	0.018108	0.016851	0.015740	0.014761
-957.00	0.020645	0.019723	0.018406	0.017220	0.016158
-1057.00	0.022002	0.020700	0.019844	0.018613	0.017495
-1157.00	0.023498	0.021904	0.020717	0.019899	0.018745
-1257.00	0.024909	0.023240	0.021795	0.020688	0.019896

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: FAROUT ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-5486.00	-4986.00	-4486.00	X-COORD (METERS) -3986.00	-3486.00	-2986.00	-2486.00	-1986.00	-1486.00
5343.00	0.012052	0.012280	0.012419	0.012505	0.012528	0.012483	0.012364	0.012414	0.013507
4843.00	0.012673	0.013014	0.013266	0.013394	0.013454	0.013433	0.013322	0.013125	0.014025
4343.00	0.013323	0.013711	0.014114	0.014395	0.014507	0.014524	0.014429	0.014216	0.014546
3843.00	0.013999	0.014443	0.014905	0.015393	0.015708	0.015784	0.015723	0.015507	0.015204
3343.00	0.014696	0.015205	0.015738	0.016299	0.016899	0.017251	0.017250	0.017048	0.016625
2843.00	0.015411	0.015994	0.016607	0.017254	0.017943	0.018693	0.019074	0.018902	0.018428
2343.00	0.016135	0.016799	0.017503	0.018249	0.019043	0.019896	0.020824	0.021181	0.020674
1843.00	0.016972	0.017639	0.018414	0.019272	0.020187	0.021142	0.022172	0.023345	0.023590
1343.00	0.017907	0.018635	0.019436	0.020327	0.021342	0.022444	0.023597	0.024784	0.026144
843.00	0.018864	0.019668	0.020550	0.021523	0.022577	0.023738	0.024996	0.026306	0.027495
343.00	0.019818	0.020708	0.021688	0.022773	0.023941	0.025251	0.026677	0.028087	0.029427
-157.00	0.020738	0.021717	0.022802	0.024016	0.025343	0.026880	0.028697	0.030694	0.033237
-657.00	0.019719	0.020508	0.021350	0.022248	0.023165	0.024108	0.025066	0.025790	0.026147
-1157.00	0.018731	0.019345	0.019969	0.020592	0.021162	0.021665	0.021985	0.022290	0.022754
-1657.00	0.017800	0.018266	0.018713	0.019124	0.019474	0.019906	0.020360	0.020861	0.021441
-2157.00	0.016946	0.017296	0.017629	0.018000	0.018381	0.018767	0.019197	0.019738	0.019356
-2657.00	0.016191	0.016496	0.016798	0.017104	0.017424	0.017778	0.018214	0.018054	0.017254
-3157.00	0.015529	0.015786	0.016040	0.016299	0.016577	0.016904	0.016854	0.016403	0.015720
-3657.00	0.014919	0.015138	0.015356	0.015582	0.015835	0.015813	0.015522	0.015103	0.014554
-4157.00	0.014360	0.014551	0.014744	0.014949	0.014939	0.014736	0.014446	0.014072	0.013950
-4657.00	0.013841	0.014021	0.014197	0.014196	0.014047	0.013836	0.013565	0.013239	0.015391
-5157.00	0.013355	0.013530	0.013551	0.013438	0.013279	0.013074	0.012827	0.012591	0.016825
-5657.00	0.012908	0.012944	0.012881	0.012770	0.012611	0.012418	0.012196	0.012934	0.017857

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: FAROUT ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/M**3 **

Y-COORD (METERS) |	-986.00	-486.00	14.00	X-COORD (METERS) 514.00	1014.00	1514.00	2014.00	2514.00	3014.00
5343.00 |	0.014653	0.015821	0.016974	0.015865	0.013414	0.011027	0.008786	0.006896	0.006979
4843.00 |	0.015336	0.016691	0.018040	0.016720	0.013832	0.011050	0.008480	0.007316	0.007399
4343.00 |	0.016054	0.017644	0.019246	0.017650	0.014201	0.010925	0.008027	0.007781	0.007863
3843.00 |	0.016792	0.018679	0.020617	0.018652	0.014468	0.010573	0.008228	0.008299	0.008377
3343.00 |	0.017503	0.019771	0.022163	0.019689	0.014522	0.009856	0.008802	0.008874	0.008945
2843.00 |	0.018147	0.020872	0.023890	0.020690	0.014186	0.009408	0.009439	0.009506	0.009574
2343.00 |	0.019811	0.021956	0.025840	0.021540	0.013181	0.010130	0.010137	0.010221	0.009942
1843.00 |	0.022330	0.022585	0.027661	0.021650	0.011341	0.010828	0.010936	0.010573	0.010123
1343.00 |	0.025774	0.023359	0.029100	0.020094	0.011524	0.011583	0.011160	0.010666	0.010295
843.00 |	0.028798	0.026973	0.030195	0.015266	0.012211	0.011504	0.011010	0.010732	0.010392
343.00 |	0.030919	0.033884	0.051531	0.017631	0.011564	0.010918	0.010996	0.010820	0.010487
-157.00 |	0.037933	0.056792	0.067366	0.024440	0.012537	0.012052	0.011795	0.011335	0.010789
-657.00 |	0.025908	0.026513	0.057478	0.030304	0.014495	0.011339	0.011093	0.010782	0.010376
-1157.00 |	0.023047	0.020931	0.045138	0.033401	0.021904	0.016731	0.013137	0.010824	0.010148
-1657.00 |	0.020479	0.019597	0.045141	0.039929	0.027607	0.021045	0.016930	0.013836	0.011655
-2157.00 |	0.017921	0.023392	0.044856	0.042231	0.031038	0.024445	0.019485	0.016162	0.013649
-2657.00 |	0.016183	0.026893	0.043762	0.042367	0.033074	0.026723	0.021744	0.017805	0.015145
-3157.00 |	0.016725	0.028747	0.042286	0.041504	0.033926	0.027871	0.023341	0.019493	0.016312
-3657.00 |	0.019383	0.029618	0.040715	0.040266	0.034010	0.028405	0.024267	0.020687	0.017605
-4157.00 |	0.021120	0.029830	0.039064	0.038792	0.033542	0.028744	0.024794	0.021517	0.018605
-4657.00 |	0.022215	0.029721	0.037555	0.037392	0.032921	0.028735	0.025029	0.022040	0.019336
-5157.00 |	0.022885	0.029417	0.036157	0.036061	0.032200	0.028522	0.025153	0.022325	0.019838
-5657.00 |	0.023259	0.028995	0.034864	0.034810	0.031435	0.028179	0.025139	0.022429	0.020152

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1991 Met
*** Revised building height = 38'

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: FAROUT ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/M**3 **

Y-COORD (METERS)	3514.00	4014.00	4514.00	X-COORD (METERS)	
				5014.00	5514.00

5343.00	0.007060	0.007131	0.007186	0.007215	0.007223
4843.00	0.007478	0.007543	0.007589	0.007614	0.007496
4343.00	0.007938	0.007994	0.008026	0.007899	0.007700
3843.00	0.008442	0.008484	0.008335	0.008105	0.007902
3343.00	0.008996	0.008818	0.008547	0.008314	0.008108
2843.00	0.009355	0.009033	0.008764	0.008530	0.008320
2343.00	0.009564	0.009253	0.008989	0.008755	0.008540
1843.00	0.009768	0.009485	0.009227	0.008979	0.008630
1343.00	0.010015	0.009665	0.009266	0.008888	0.008534
843.00	0.010008	0.009589	0.009186	0.008801	0.008443
343.00	0.010033	0.009567	0.009141	0.008737	0.008367
-157.00	0.010194	0.009633	0.009148	0.008710	0.008317
-657.00	0.009900	0.009422	0.008989	0.008585	0.008220
-1157.00	0.009698	0.009267	0.008860	0.008481	0.008136
-1657.00	0.010072	0.009158	0.008759	0.008396	0.008064
-2157.00	0.011769	0.010334	0.009216	0.008348	0.008002
-2657.00	0.013142	0.011549	0.010290	0.009283	0.008467
-3157.00	0.014147	0.012514	0.011186	0.010100	0.009205
-3657.00	0.015014	0.013236	0.011897	0.010777	0.009838
-4157.00	0.016079	0.013918	0.012433	0.011315	0.010361
-4657.00	0.016928	0.014817	0.012986	0.011725	0.010777
-5157.00	0.017574	0.015547	0.013755	0.012181	0.011084
-5657.00	0.018043	0.016120	0.014390	0.012837	0.011452

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE: 1207 ***

** CONC OF NOX IN MICROGRAMS/M**3 **

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.121069	AT (	214.00, -257.00) GC	6.	0.044713	AT (	214.00, -457.00) GC
2.	0.092606	AT (	214.00, -57.00) GC	7.	0.039099	AT (	214.00, 143.00) GC
3.	0.067445	AT (	114.00, -157.00) GC	8.	0.039027	AT (	14.00, -157.00) GC
4.	0.067249	AT (	214.00, -357.00) GC	9.	0.039027	AT (	14.00, -157.00) GC
5.	0.056154	AT (	214.00, 43.00) GC	10.	0.038332	AT (	314.00, -357.00) GC

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE: GEN03 ***

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.084506	AT (	-86.00, -57.00) GC	6.	0.070546	AT (	114.00, -457.00) GC
2.	0.077245	AT (	114.00, -357.00) GC	7.	0.068076	AT (	14.00, 43.00) GC
3.	0.074141	AT (	-186.00, -157.00) GC	8.	0.065935	AT (	-86.00, 43.00) GC
4.	0.072631	AT (	-186.00, -57.00) GC	9.	0.065329	AT (	14.00, -457.00) GC
5.	0.072033	AT (	-86.00, -157.00) GC	10.	0.064247	AT (	14.00, -357.00) GC

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

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1991 Met

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*** Revised building height = 38'

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: ALL ***
INCLUDING SOURCE(S): 1207 , GEN03 ,

** CONC OF NOX IN MICROGRAMS/M**3 **

RANK	CONC	AT	RECEPTOR (XR, YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR, YR) OF TYPE
1.	0.159517	AT (	214.00, -257.00) GC	6.	0.091530	AT (	114.00, -357.00) GC
2.	0.116871	AT (	214.00, -57.00) GC	7.	0.089349	AT (	-86.00, -57.00) GC
3.	0.113170	AT (	214.00, -357.00) GC	8.	0.087117	AT (	114.00, -457.00) GC
4.	0.098883	AT (	-86.00, -157.00) GC	9.	0.086223	AT (	214.00, -457.00) GC
5.	0.095839	AT (	-186.00, -157.00) GC	10.	0.084957	AT (	114.00, -257.00) GC

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

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** SOURCE 1207 CONTRIBUTIONS TO THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: ALL ***

** CONC OF NOX IN MICROGRAMS/M**3 **

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.121069	AT (	214.00, -257.00) GC	6.	0.014285	AT (	114.00, -357.00) GC
2.	0.092606	AT (	214.00, -57.00) GC	7.	0.004843	AT (	-86.00, -57.00) GC
3.	0.067249	AT (	214.00, -357.00) GC	8.	0.016571	AT (	114.00, -457.00) GC
4.	0.026850	AT (	-86.00, -157.00) GC	9.	0.044713	AT (	214.00, -457.00) GC
5.	0.021699	AT (	-186.00, -157.00) GC	10.	0.022312	AT (	114.00, -257.00) GC

*** SOURCE GEN03 CONTRIBUTIONS TO THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: ALL ***

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.038448	AT (	214.00, -257.00) GC	6.	0.077245	AT (	114.00, -357.00) GC
2.	0.024265	AT (	214.00, -57.00) GC	7.	0.084506	AT (	-86.00, -57.00) GC
3.	0.045921	AT (	214.00, -357.00) GC	8.	0.070546	AT (	114.00, -457.00) GC
4.	0.072033	AT (	-86.00, -157.00) GC	9.	0.041510	AT (	214.00, -457.00) GC
5.	0.074141	AT (	-186.00, -157.00) GC	10.	0.062645	AT (	114.00, -257.00) GC

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

*** ISCLT3 - VERSION 96113 ***
*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1991 Met
*** Revised building height = 38'

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** Message Summary : ISCLT3 Model Execution ***

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

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

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

***** WARNING MESSAGES *****
*** NONE ***

*** ISCLT3 Finishes Successfully ***

** The results for this run are in file 12LT92E.OUT

CO STARTING

TITLEONE FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1992 Met
TITLETWO Revised building height = 38'
MODELOPT DFAULT CONC RURAL
AVERTIME ANNUAL
POLLUTID NOX
RUNORNOT RUN

CO FINISHED

SO STARTING

SO LOCATION 1207 POINT 214.0 -157.0

** Parameters	QS	HS	TS	VS	DS		
**	----	----	----	----	----	---	---
SO SRCPARAM 1207	1.109	17.68	718.1	13.85	2.66		
SO BUILDHGT 1207		11.58	11.58	11.58	11.58	11.58	.00
SO BUILDHGT 1207		11.58	11.58	11.58	11.58	11.58	11.58
SO BUILDHGT 1207		11.58	.00	11.58	11.58		
SO BUILDWID 1207		24.38	27.19	25.86	20.60	12.19	.00
SO BUILDWID 1207		8.62	17.86	24.38	27.19	25.86	20.60
SO BUILDWID 1207		12.19	.00	8.62	17.86		

SO LOCATION GEN03 POINT 62.2 -150.3

** Parameters	QS	HS	TS	VS	DS		
**	----	----	----	----	----	---	---
SO SRCPARAM GEN03	0.020	6.10	644.26	45.49	0.2		
SO BUILDHGT GEN03		3.66	3.66	3.66	3.66	3.66	3.66
SO BUILDHGT GEN03		3.66	3.66	3.66	3.66	3.66	3.66
SO BUILDHGT GEN03		3.66	3.66	3.66	3.66		
SO BUILDWID GEN03		39.62	39.52	33.41	22.20	7.62	22.20
SO BUILDWID GEN03		33.41	39.52	39.62	39.52	33.41	22.20
SO BUILDWID GEN03		7.62	22.20	33.41	39.52		

SO SRCGROUP ALL

SO FINISHED

RE STARTING

GRIDCART CLOSEIN STA
GRIDCART CLOSEIN XYINC -886 23 100 -1257 23 100
GRIDCART CLOSEIN END
GRIDCART FAROUT STA
GRIDCART FAROUT XYINC -5486 23 500 -5657 23 500
GRIDCART FAROUT END

RE FINISHED

```

ME STARTING
INPUTFIL  Pensa92.STA
ANEMHGHT  10.
SURFDATA  13899 1992 PENSACOLA
UAIRDATA  12832 1992 APALACHICOLA
STARDATE  ANNUAL

```

```

**          - AMBIENT AIR TEMPERATURE (DEGREES KELVIN) -
**
**          STAB    STAB    STAB    STAB    STAB    STAB
**          CAT 1   CAT 2   CAT 3   CAT 4   CAT 5   CAT 6
**          -----
AVETEMPS  ANNUAL   298.0   298.0   298.0   293.2   288.2   288.2

```

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**          - MIXING LAYER HEIGHT (METERS) -
**
**          S
**          T    WS    WS    WS    WS    WS    WS
**          SEAS A  CAT 1  CAT 2  CAT 3  CAT 4  CAT 5  CAT 6
**          ---- B  ----  ----  ----  ----  ----  ----
AVEMIXHT  ANNUAL 1 .180E+04 .180E+04 .180E+04 .180E+04 .180E+04 .180E+04
AVEMIXHT  ANNUAL 2 .120E+04 .120E+04 .120E+04 .120E+04 .120E+04 .120E+04
AVEMIXHT  ANNUAL 3 .120E+04 .120E+04 .120E+04 .120E+04 .120E+04 .120E+04
AVEMIXHT  ANNUAL 4 .120E+04 .120E+04 .120E+04 .120E+04 .120E+04 .120E+04
AVEMIXHT  ANNUAL 5 .100E+05 .100E+05 .100E+05 .100E+05 .100E+05 .100E+05
AVEMIXHT  ANNUAL 6 .100E+05 .100E+05 .100E+05 .100E+05 .100E+05 .100E+05

```

ME FINISHED

```

OU STARTING
RECTABLE  SRCGRP
MAXTABLE  10 INDSRC SRCGRP SOCONT
OU FINISHED

```

```

*****
*** SETUP Finishes Successfully ***
*****

```

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Model Is Setup For Calculation of Average CONCentration Values.
**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses NO plume DEPLETION.

**Model Uses RURAL Dispersion.

**Model Uses Regulatory DEFAULT Options:

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

**Model Assumes Receptors on FLAT Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

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

**Data File Includes 1 STAR Summaries for the Following Months: 0 0 0 0 0 0 0 0 0 0 0 0
 Seasons/Quarters: 0 0 0 0
 and Annual: 1

**This Run Includes: 2 Source(s); 1 Source Group(s); and 1058 Receptor(s)

**The Model Assumes A Pollutant Type of: NOX

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

**Output Options Selected:

Model Outputs Tables of Long Term Values by Receptor (RECTABLE Keyword)
Model Outputs Tables of Maximum Long Term Values (MAXTABLE Keyword)

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
 Output Units = MICROGRAMS/M**3

**Input Runstream File: 12LT92e.IN ; **Output Print File: 12LT92e.OUT

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1992 Met
*** Revised building height = 38'

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
1207	0	0.11090E+01	214.0	-157.0	0.0	17.68	718.10	13.85	2.66	YES	
GEN03	0	0.20000E-01	62.2	-150.3	0.0	6.10	644.26	45.49	0.20	YES	

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1992 Met
*** Revised building height = 38'

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID

SOURCE IDs

ALL 1207 , GEN03 ,

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1992 Met
*** Revised building height = 38'

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: 1207

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	11.6,	24.4,	0	2	11.6,	27.2,	0	3	11.6,	25.9,	0	4	11.6,	20.6,	0
5	11.6,	12.2,	0	6	0.0,	0.0,	0	7	11.6,	8.6,	0	8	11.6,	17.9,	0
9	11.6,	24.4,	0	10	11.6,	27.2,	0	11	11.6,	25.9,	0	12	11.6,	20.6,	0
13	11.6,	12.2,	0	14	0.0,	0.0,	0	15	11.6,	8.6,	0	16	11.6,	17.9,	0

SOURCE ID: GEN03

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	3.7,	39.6,	0	2	3.7,	39.5,	0	3	3.7,	33.4,	0	4	3.7,	22.2,	0
5	3.7,	7.6,	0	6	3.7,	22.2,	0	7	3.7,	33.4,	0	8	3.7,	39.5,	0
9	3.7,	39.6,	0	10	3.7,	39.5,	0	11	3.7,	33.4,	0	12	3.7,	22.2,	0
13	3.7,	7.6,	0	14	3.7,	22.2,	0	15	3.7,	33.4,	0	16	3.7,	39.5,	0

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1992 Met
*** Revised building height = 38'

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: CLOSEIN ; NETWORK TYPE: GRIDCART ***

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

-886.0,	-786.0,	-686.0,	-586.0,	-486.0,	-386.0,	-286.0,	-186.0,	-86.0,	14.0,
114.0,	214.0,	314.0,	414.0,	514.0,	614.0,	714.0,	814.0,	914.0,	1014.0,
1114.0,	1214.0,	1314.0,							

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

-1257.0,	-1157.0,	-1057.0,	-957.0,	-857.0,	-757.0,	-657.0,	-557.0,	-457.0,	-357.0,
-257.0,	-157.0,	-57.0,	43.0,	143.0,	243.0,	343.0,	443.0,	543.0,	643.0,
743.0,	843.0,	943.0,							

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1992 Met
*** Revised building height = 38'

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: FAROUT ; NETWORK TYPE: GRIDCART ***

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

-5486.0,	-4986.0,	-4486.0,	-3986.0,	-3486.0,	-2986.0,	-2486.0,	-1986.0,	-1486.0,	-986.0,
-486.0,	14.0,	514.0,	1014.0,	1514.0,	2014.0,	2514.0,	3014.0,	3514.0,	4014.0,
4514.0,	5014.0,	5514.0,							

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

-5657.0,	-5157.0,	-4657.0,	-4157.0,	-3657.0,	-3157.0,	-2657.0,	-2157.0,	-1657.0,	-1157.0,
-657.0,	-157.0,	343.0,	843.0,	1343.0,	1843.0,	2343.0,	2843.0,	3343.0,	3843.0,
4343.0,	4843.0,	5343.0,							

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1992 Met
*** Revised building height = 38'

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR 3*ZLB IN DISTANCE, OR WITHIN OPEN PIT SOURCE

SOURCE ID	-- RECEPTOR LOCATION --		DISTANCE (METERS)
	XR (METERS)	YR (METERS)	
1207	214.0	-157.0	0.00

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

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

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

*** WIND PROFILE EXPONENTS ***

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

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

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

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

	STABILITY CATEGORY A	STABILITY CATEGORY B	STABILITY CATEGORY C	STABILITY CATEGORY D	STABILITY CATEGORY E	STABILITY CATEGORY F
ANNUAL	298.0000	298.0000	298.0000	293.2000	288.2000	288.2000

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1992 Met
*** Revised building height = 38'

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** AVERAGE MIXING LAYER HEIGHT (METERS) ***

	ANNUAL					
	WIND SPEED	WIND SPEED	WIND SPEED	WIND SPEED	WIND SPEED	WIND SPEED
	CATEGORY 1	CATEGORY 2	CATEGORY 3	CATEGORY 4	CATEGORY 5	CATEGORY 6
STABILITY CATEGORY A	1800.0001	1800.0001	1800.0001	1800.0001	1800.0001	1800.0001
STABILITY CATEGORY B	1200.0000	1200.0000	1200.0000	1200.0000	1200.0000	1200.0000
STABILITY CATEGORY C	1200.0000	1200.0000	1200.0000	1200.0000	1200.0000	1200.0000
STABILITY CATEGORY D	1200.0000	1200.0000	1200.0000	1200.0000	1200.0000	1200.0000
STABILITY CATEGORY E	10000.0000	10000.0000	10000.0000	10000.0000	10000.0000	10000.0000
STABILITY CATEGORY F	10000.0000	10000.0000	10000.0000	10000.0000	10000.0000	10000.0000

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

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

FILE: Pensa92.STA

FORMAT: (6F10.0)

SURFACE STATION NO.: 13899

UPPER AIR STATION NO.: 12832

NAME: PENSACOLA

NAME: APALACHICOLA

YEAR: 1992

YEAR: 1992

ANNUAL: STABILITY CATEGORY A

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00015500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
22.500	0.00020500	0.00057000	0.00000000	0.00000000	0.00000000	0.00000000
45.000	0.00028700	0.00079700	0.00000000	0.00000000	0.00000000	0.00000000
67.500	0.00027800	0.00034200	0.00000000	0.00000000	0.00000000	0.00000000
90.000	0.00055500	0.00068400	0.00000000	0.00000000	0.00000000	0.00000000
112.500	0.00047400	0.00045600	0.00000000	0.00000000	0.00000000	0.00000000
135.000	0.00012300	0.00034200	0.00000000	0.00000000	0.00000000	0.00000000
157.500	0.00051500	0.00057000	0.00000000	0.00000000	0.00000000	0.00000000
180.000	0.00024600	0.00068400	0.00000000	0.00000000	0.00000000	0.00000000
202.500	0.00008200	0.00022800	0.00000000	0.00000000	0.00000000	0.00000000
225.000	0.00004100	0.00011400	0.00000000	0.00000000	0.00000000	0.00000000
247.500	0.00012300	0.00034200	0.00000000	0.00000000	0.00000000	0.00000000
270.000	0.00012300	0.00034200	0.00000000	0.00000000	0.00000000	0.00000000
292.500	0.00012300	0.00034200	0.00000000	0.00000000	0.00000000	0.00000000
315.000	0.00012300	0.00034200	0.00000000	0.00000000	0.00000000	0.00000000
337.500	0.00008200	0.00022800	0.00000000	0.00000000	0.00000000	0.00000000

ANNUAL: STABILITY CATEGORY B

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00108400	0.00455400	0.00261900	0.00000000	0.00000000	0.00000000
22.500	0.00009200	0.00170800	0.00113900	0.00000000	0.00000000	0.00000000
45.000	0.00033200	0.00170800	0.00148000	0.00000000	0.00000000	0.00000000
67.500	0.00021200	0.00170800	0.00068400	0.00000000	0.00000000	0.00000000
90.000	0.00041100	0.00318800	0.00284700	0.00000000	0.00000000	0.00000000
112.500	0.00026100	0.00261900	0.00296000	0.00000000	0.00000000	0.00000000
135.000	0.00032000	0.00148000	0.00261900	0.00000000	0.00000000	0.00000000
157.500	0.00016300	0.00079700	0.00216400	0.00000000	0.00000000	0.00000000
180.000	0.00026100	0.00261900	0.00273300	0.00000000	0.00000000	0.00000000
202.500	0.00015700	0.00068400	0.00034200	0.00000000	0.00000000	0.00000000

225.000	0.00016300	0.00079700	0.00057000	0.00000000	0.00000000	0.00000000
247.500	0.00018100	0.00113900	0.00057000	0.00000000	0.00000000	0.00000000
270.000	0.00007400	0.00136700	0.00148000	0.00000000	0.00000000	0.00000000
292.500	0.00020600	0.00159400	0.00170800	0.00000000	0.00000000	0.00000000
315.000	0.00008600	0.00159400	0.00125300	0.00000000	0.00000000	0.00000000
337.500	0.00010400	0.00193600	0.00170800	0.00000000	0.00000000	0.00000000

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

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

FILE: Pensa92.STA

FORMAT: (6F10.0)

SURFACE STATION NO.: 13899

UPPER AIR STATION NO.: 12832

NAME: PENSACOLA

NAME: APALACHICOLA

YEAR: 1992

YEAR: 1992

ANNUAL: STABILITY CATEGORY C

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00096500	0.00614800	0.01013300	0.00239100	0.00000000	0.00000000
22.500	0.00030400	0.00193600	0.00421300	0.00000000	0.00000000	0.00000000
45.000	0.00025100	0.00159400	0.00375700	0.00034200	0.00000000	0.00000000
67.500	0.00061400	0.00307400	0.00432700	0.00011400	0.00000000	0.00000000
90.000	0.00050700	0.00239100	0.00603400	0.00079700	0.00000000	0.00000000
112.500	0.00019700	0.00125300	0.00649000	0.00193600	0.00022800	0.00000000
135.000	0.00014300	0.00091100	0.00671700	0.00284700	0.00000000	0.00000000
157.500	0.00010800	0.00068400	0.00785600	0.00273300	0.00000000	0.00000000
180.000	0.00047800	0.00136700	0.01206800	0.00375700	0.00000000	0.00000000
202.500	0.00023900	0.00068400	0.00273300	0.00102500	0.00000000	0.00000000
225.000	0.00019700	0.00125300	0.00273300	0.00022800	0.00011400	0.00000000
247.500	0.00027500	0.00091100	0.00239100	0.00011400	0.00000000	0.00011400
270.000	0.00012600	0.00079700	0.00444000	0.00057000	0.00000000	0.00000000
292.500	0.00014300	0.00091100	0.00330200	0.00102500	0.00000000	0.00000000
315.000	0.00045400	0.00205000	0.00478200	0.00057000	0.00000000	0.00000000
337.500	0.00035800	0.00227700	0.00592000	0.00182200	0.00011400	0.00000000

ANNUAL: STABILITY CATEGORY D

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00107700	0.00751400	0.01787400	0.01844300	0.00068400	0.00000000
22.500	0.00067900	0.00592000	0.00944900	0.00227700	0.00000000	0.00000000
45.000	0.00180900	0.01001900	0.01115700	0.00227700	0.00011400	0.00000000
67.500	0.00091700	0.00580700	0.01252300	0.00193600	0.00000000	0.00000000
90.000	0.00091000	0.00705900	0.02003700	0.00785600	0.00022800	0.00011400
112.500	0.00080000	0.00455400	0.01206800	0.01468600	0.00159400	0.00000000
135.000	0.00012800	0.00136700	0.00717300	0.00899400	0.00022800	0.00000000
157.500	0.00021300	0.00227700	0.00819700	0.00865300	0.00079700	0.00000000
180.000	0.00045500	0.00353000	0.01673500	0.01946800	0.00079700	0.00000000
202.500	0.00026300	0.00148000	0.00819700	0.00683100	0.00057000	0.00000000

225.000	0.00050500	0.00273300	0.00774200	0.00922200	0.00091100	0.00011400
247.500	0.00037000	0.00261900	0.00694500	0.00717300	0.00079700	0.00000000
270.000	0.00027700	0.00296000	0.00603400	0.00580700	0.00068400	0.00000000
292.500	0.00063000	0.00273300	0.00501000	0.00398500	0.00057000	0.00000000
315.000	0.00039100	0.00284700	0.00546500	0.01229600	0.00079700	0.00011400
337.500	0.00048700	0.00387100	0.01127100	0.01639400	0.00079700	0.00000000

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

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

FILE: Pensa92.STA

FORMAT: (6F10.0)

SURFACE STATION NO.: 13899

UPPER AIR STATION NO.: 12832

NAME: PENSACOLA

NAME: APALACHICOLA

YEAR: 1992

YEAR: 1992

ANNUAL: STABILITY CATEGORY E

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00000000	0.01161300	0.01297900	0.00000000	0.00000000	0.00000000
22.500	0.00000000	0.00569300	0.00159400	0.00000000	0.00000000	0.00000000
45.000	0.00000000	0.00728600	0.00261900	0.00000000	0.00000000	0.00000000
67.500	0.00000000	0.00705900	0.00455400	0.00000000	0.00000000	0.00000000
90.000	0.00000000	0.00762800	0.00398500	0.00000000	0.00000000	0.00000000
112.500	0.00000000	0.00261900	0.00159400	0.00000000	0.00000000	0.00000000
135.000	0.00000000	0.00261900	0.00170800	0.00000000	0.00000000	0.00000000
157.500	0.00000000	0.00330200	0.00159400	0.00000000	0.00000000	0.00000000
180.000	0.00000000	0.00557900	0.00341600	0.00000000	0.00000000	0.00000000
202.500	0.00000000	0.00296000	0.00364300	0.00000000	0.00000000	0.00000000
225.000	0.00000000	0.00455400	0.00569300	0.00000000	0.00000000	0.00000000
247.500	0.00000000	0.00478200	0.00808300	0.00000000	0.00000000	0.00000000
270.000	0.00000000	0.00330200	0.00603400	0.00000000	0.00000000	0.00000000
292.500	0.00000000	0.00284700	0.00330200	0.00000000	0.00000000	0.00000000
315.000	0.00000000	0.00546500	0.00432700	0.00000000	0.00000000	0.00000000
337.500	0.00000000	0.00785600	0.01036000	0.00000000	0.00000000	0.00000000

ANNUAL: STABILITY CATEGORY F

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.01840600	0.02960000	0.00000000	0.00000000	0.00000000	0.00000000
22.500	0.00548800	0.00740000	0.00000000	0.00000000	0.00000000	0.00000000
45.000	0.00657500	0.01001900	0.00000000	0.00000000	0.00000000	0.00000000
67.500	0.00454100	0.00705900	0.00000000	0.00000000	0.00000000	0.00000000
90.000	0.00338700	0.00466800	0.00000000	0.00000000	0.00000000	0.00000000
112.500	0.00205400	0.00261900	0.00000000	0.00000000	0.00000000	0.00000000
135.000	0.00281200	0.00250500	0.00000000	0.00000000	0.00000000	0.00000000
157.500	0.00134300	0.00284700	0.00000000	0.00000000	0.00000000	0.00000000
180.000	0.00332100	0.00489600	0.00000000	0.00000000	0.00000000	0.00000000
202.500	0.00471300	0.00592000	0.00000000	0.00000000	0.00000000	0.00000000

225.000	0.00396300	0.00683100	0.00000000	0.00000000	0.00000000	0.00000000
247.500	0.00586100	0.01218200	0.00000000	0.00000000	0.00000000	0.00000000
270.000	0.00359300	0.00671700	0.00000000	0.00000000	0.00000000	0.00000000
292.500	0.00456000	0.00671700	0.00000000	0.00000000	0.00000000	0.00000000
315.000	0.00626300	0.00888000	0.00000000	0.00000000	0.00000000	0.00000000
337.500	0.01101600	0.02072000	0.00000000	0.00000000	0.00000000	0.00000000

SUM OF FREQUENCIES, FTOTAL = 1.00014

*** MODELING OPTIONS USED: CONC RURAL FLAT DEFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: CLOSEIN ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-886.00	-786.00	-686.00	X-COORD (METERS) -586.00	-486.00	-386.00	-286.00	-186.00	-86.00
943.00	0.020774	0.020988	0.021241	0.021555	0.021954	0.022519	0.024444	0.027019	0.030208
843.00	0.021133	0.021171	0.021391	0.021677	0.022058	0.022565	0.024209	0.026817	0.030215
743.00	0.021772	0.021492	0.021538	0.021789	0.022145	0.022639	0.023751	0.026670	0.030261
643.00	0.022758	0.022193	0.021824	0.021905	0.022202	0.022702	0.023393	0.026425	0.030852
543.00	0.023944	0.023381	0.022651	0.022149	0.022341	0.022833	0.023752	0.026980	0.033268
443.00	0.025367	0.024868	0.024152	0.023216	0.022637	0.023060	0.025048	0.027659	0.036458
343.00	0.027058	0.026704	0.026170	0.025341	0.023959	0.023525	0.025394	0.029042	0.038475
243.00	0.028410	0.028719	0.028683	0.028173	0.026826	0.025281	0.025852	0.030336	0.039450
143.00	0.029640	0.030209	0.030830	0.031384	0.030210	0.029526	0.029414	0.032697	0.041955
43.00	0.031048	0.032006	0.033069	0.034306	0.035846	0.037419	0.038256	0.040997	0.047941
-57.00	0.032659	0.033966	0.035585	0.037972	0.042310	0.047673	0.055574	0.066575	0.068110
-157.00	0.034199	0.035842	0.037925	0.041693	0.048520	0.056929	0.069017	0.084163	0.089493
-257.00	0.030958	0.032024	0.033317	0.035746	0.040018	0.044380	0.049079	0.051457	0.052565
-357.00	0.027783	0.028283	0.028811	0.029856	0.031698	0.033973	0.038171	0.044587	0.047399
-457.00	0.024801	0.024808	0.024703	0.025638	0.027631	0.031541	0.036064	0.039146	0.039776
-557.00	0.022290	0.022600	0.023539	0.025036	0.027324	0.030724	0.032831	0.033398	0.036345
-657.00	0.021645	0.022507	0.023619	0.025032	0.026897	0.028465	0.029386	0.028189	0.035893
-757.00	0.021735	0.022587	0.023671	0.025013	0.025816	0.026087	0.025376	0.024738	0.034491
-857.00	0.021810	0.022650	0.023689	0.024331	0.024545	0.023602	0.022475	0.024957	0.032640
-957.00	0.021871	0.022693	0.023191	0.023381	0.022672	0.021758	0.020649	0.025100	0.032306
-1057.00	0.021916	0.022317	0.022474	0.021891	0.021182	0.020344	0.020793	0.025330	0.032816
-1157.00	0.021616	0.021750	0.021263	0.020685	0.020013	0.019254	0.021461	0.025888	0.033699
-1257.00	0.021154	0.020739	0.020257	0.019707	0.019090	0.018783	0.021906	0.027215	0.034547

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1992 Met

*** 11/26/99

*** Revised building height = 38'

*** 13:28:09

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: CLOSEIN ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/M**3 **

Y-COORD (METERS)	14.00	114.00	214.00	314.00	414.00	514.00	614.00	714.00	814.00
943.00	0.033667	0.035688	0.036363	0.030567	0.024991	0.019826	0.016622	0.015083	0.015274
843.00	0.033940	0.035849	0.036083	0.029659	0.023552	0.018764	0.015611	0.015328	0.015553
743.00	0.034334	0.036045	0.035607	0.028415	0.021722	0.017708	0.015477	0.015650	0.015907
643.00	0.036544	0.038571	0.037196	0.028541	0.021183	0.016959	0.015885	0.016069	0.016359
543.00	0.041615	0.044241	0.042215	0.030614	0.022849	0.017289	0.017028	0.016812	0.016819
443.00	0.046714	0.049799	0.046247	0.031138	0.023526	0.019995	0.019518	0.018162	0.017427
343.00	0.053460	0.057270	0.050989	0.034135	0.023994	0.022664	0.021479	0.020244	0.018390
243.00	0.062385	0.067477	0.056302	0.038108	0.027802	0.025742	0.023522	0.021393	0.019952
143.00	0.072504	0.078626	0.068803	0.042242	0.033180	0.029060	0.025015	0.022365	0.020670
43.00	0.076200	0.080521	0.095503	0.047817	0.039844	0.031093	0.025863	0.022800	0.020849
-57.00	0.054743	0.041962	0.138319	0.071936	0.044323	0.032879	0.027024	0.023551	0.021240
-157.00	0.057812	0.081364	0.036223	0.071656	0.047226	0.034746	0.028250	0.024269	0.021678
-257.00	0.043929	0.088361	0.149034	0.039283	0.022687	0.019877	0.019132	0.018190	0.017598
-357.00	0.074743	0.089931	0.109198	0.067951	0.029535	0.019218	0.014340	0.012976	0.014209
-457.00	0.070120	0.082283	0.085907	0.063223	0.039217	0.023319	0.017563	0.014544	0.013432
-557.00	0.059659	0.072476	0.072462	0.056739	0.042011	0.028584	0.020311	0.017251	0.015673
-657.00	0.051751	0.063582	0.063886	0.051583	0.042240	0.031427	0.023960	0.019454	0.017698
-757.00	0.048391	0.057010	0.057338	0.047516	0.040451	0.033104	0.026434	0.022013	0.018969
-857.00	0.045717	0.052544	0.053019	0.045351	0.039045	0.032475	0.027355	0.023265	0.020810
-957.00	0.042857	0.048255	0.048619	0.042390	0.036809	0.032486	0.028792	0.025532	0.022854
-1057.00	0.041860	0.046799	0.047756	0.042186	0.037425	0.033886	0.030930	0.027729	0.024991
-1157.00	0.042073	0.047000	0.048614	0.043554	0.039046	0.035374	0.032630	0.029658	0.026937
-1257.00	0.042331	0.047203	0.049242	0.044609	0.040398	0.036733	0.033943	0.031346	0.028680

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: CLOSEIN ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	914.00	1014.00	1114.00	1214.00	1314.00

943.00	0.015530	0.015832	0.016165	0.016513	0.016878
843.00	0.015843	0.016180	0.016531	0.016905	0.016888
743.00	0.016230	0.016563	0.016931	0.016916	0.016940
643.00	0.016645	0.016978	0.016953	0.016981	0.017046
543.00	0.017083	0.017030	0.017050	0.017120	0.017222
443.00	0.017178	0.017180	0.017245	0.017351	0.017484
343.00	0.017562	0.017449	0.017559	0.017692	0.017706
243.00	0.018295	0.017884	0.017735	0.017617	0.017490
143.00	0.018660	0.017756	0.017449	0.017343	0.017277
43.00	0.019444	0.017778	0.017229	0.017202	0.017182
-57.00	0.019645	0.017845	0.017188	0.017210	0.017221
-157.00	0.019893	0.018008	0.017349	0.017394	0.017408
-257.00	0.017193	0.016470	0.016383	0.016539	0.016639
-357.00	0.015058	0.015407	0.015639	0.015863	0.015998
-457.00	0.013818	0.014854	0.015137	0.015356	0.015500
-557.00	0.015112	0.014923	0.014943	0.015022	0.015141
-657.00	0.016546	0.016086	0.015677	0.015319	0.015075
-757.00	0.018039	0.017301	0.016713	0.016225	0.015807
-857.00	0.019373	0.018502	0.017791	0.017196	0.016679
-957.00	0.020925	0.019660	0.018871	0.018191	0.017590
-1057.00	0.022711	0.021043	0.019919	0.019175	0.018507
-1157.00	0.024599	0.022625	0.021150	0.020123	0.019404
-1257.00	0.026331	0.024294	0.022549	0.021217	0.020262

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1992 Met

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*** Revised building height = 38'

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: FAROUT ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-5486.00	-4986.00	-4486.00	X-COORD (METERS) -3986.00	-3486.00	-2986.00	-2486.00	-1986.00	-1486.00
5343.00	0.007945	0.008142	0.008468	0.008805	0.009151	0.009506	0.009865	0.010523	0.012583
4843.00	0.008546	0.008576	0.008804	0.009181	0.009576	0.009984	0.010403	0.010833	0.012740
4343.00	0.009209	0.009280	0.009311	0.009579	0.010030	0.010502	0.010992	0.011490	0.012799
3843.00	0.009932	0.010060	0.010148	0.010188	0.010515	0.011062	0.011637	0.012229	0.012903
3343.00	0.010719	0.010922	0.011088	0.011206	0.011261	0.011667	0.012342	0.013048	0.013768
2843.00	0.011568	0.011866	0.012136	0.012361	0.012522	0.012597	0.013110	0.013939	0.014809
2343.00	0.012472	0.012885	0.013286	0.013656	0.013969	0.014190	0.014271	0.014904	0.015936
1843.00	0.013371	0.013916	0.014526	0.015081	0.015601	0.016029	0.016308	0.016374	0.017150
1343.00	0.014306	0.014923	0.015617	0.016410	0.017341	0.018120	0.018727	0.019020	0.018882
843.00	0.015258	0.015959	0.016743	0.017632	0.018634	0.019791	0.021119	0.022248	0.022397
343.00	0.016201	0.016990	0.017874	0.018875	0.019992	0.021291	0.022776	0.024337	0.025889
-157.00	0.017101	0.017973	0.018954	0.020068	0.021317	0.022793	0.024578	0.026571	0.029000
-657.00	0.016155	0.016844	0.017586	0.018383	0.019208	0.020047	0.020873	0.021408	0.021381
-1157.00	0.015230	0.015750	0.016275	0.016790	0.017240	0.017599	0.017695	0.018053	0.019174
-1657.00	0.014351	0.014726	0.015073	0.015367	0.015589	0.016166	0.016856	0.017757	0.019064
-2157.00	0.013540	0.013800	0.014109	0.014618	0.015175	0.015789	0.016525	0.017472	0.017339
-2657.00	0.012959	0.013390	0.013848	0.014340	0.014882	0.015502	0.016248	0.016194	0.015634
-3157.00	0.012773	0.013190	0.013633	0.014110	0.014639	0.015243	0.015247	0.014857	0.014356
-3657.00	0.012618	0.013023	0.013453	0.013917	0.014430	0.014444	0.014140	0.013769	0.013349
-4157.00	0.012484	0.012879	0.013297	0.013749	0.013773	0.013522	0.013218	0.012874	0.012856
-4657.00	0.012357	0.012750	0.013158	0.013191	0.012983	0.012729	0.012438	0.012127	0.014389
-5157.00	0.012229	0.012619	0.012674	0.012500	0.012287	0.012040	0.011770	0.011538	0.015903
-5657.00	0.012103	0.012174	0.012050	0.011881	0.011672	0.011437	0.011188	0.011950	0.017005

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: FAROUT ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-986.00	-486.00	14.00	X-COORD (METERS) 514.00	1014.00	1514.00	2014.00	2514.00	3014.00
5343.00	0.014791	0.017084	0.019380	0.018737	0.016298	0.013938	0.011730	0.009854	0.010021
4843.00	0.015274	0.017941	0.020630	0.019820	0.016895	0.014095	0.011523	0.010385	0.010575
4343.00	0.015723	0.018855	0.022043	0.021007	0.017448	0.014092	0.011116	0.010988	0.011204
3843.00	0.016094	0.019810	0.023648	0.022293	0.017894	0.013829	0.011405	0.011682	0.011928
3343.00	0.016303	0.020761	0.025460	0.023651	0.018117	0.013137	0.012156	0.012493	0.012768
2843.00	0.016258	0.021601	0.027454	0.024956	0.017858	0.012637	0.013065	0.013448	0.013753
2343.00	0.017089	0.022223	0.029660	0.026070	0.016777	0.013583	0.014108	0.014608	0.014575
1843.00	0.018409	0.022132	0.031631	0.026255	0.014466	0.014614	0.015416	0.015501	0.015271
1343.00	0.019650	0.021701	0.032996	0.024378	0.014793	0.015966	0.016325	0.016224	0.016064
843.00	0.021342	0.022058	0.033940	0.018764	0.016180	0.016875	0.017092	0.017134	0.016354
343.00	0.027284	0.023959	0.053460	0.022664	0.017449	0.017572	0.017036	0.016365	0.015579
-157.00	0.032951	0.048520	0.057812	0.034746	0.018008	0.017381	0.016824	0.015969	0.015049
-657.00	0.020989	0.026897	0.051751	0.031427	0.016086	0.015002	0.014893	0.014397	0.013770
-1157.00	0.021285	0.020013	0.042073	0.035374	0.022625	0.018126	0.015539	0.013431	0.012683
-1657.00	0.018625	0.018463	0.043682	0.040909	0.029428	0.021978	0.018276	0.015635	0.013552
-2157.00	0.016427	0.022462	0.044072	0.042798	0.032924	0.025788	0.020610	0.017530	0.015206
-2657.00	0.014969	0.026075	0.043211	0.042682	0.034394	0.028139	0.023016	0.019064	0.016528
-3157.00	0.015696	0.028024	0.041859	0.041699	0.034852	0.029245	0.024622	0.020773	0.017637
-3657.00	0.018437	0.028934	0.040296	0.040335	0.034668	0.029612	0.025535	0.021958	0.018902
-4157.00	0.020242	0.029185	0.038650	0.038781	0.034037	0.029715	0.026030	0.022759	0.019870
-4657.00	0.021401	0.029106	0.037137	0.037320	0.033291	0.029534	0.026205	0.023260	0.020575
-5157.00	0.022127	0.028830	0.035741	0.035947	0.032481	0.029192	0.026191	0.023532	0.021059
-5657.00	0.022553	0.028438	0.034458	0.034672	0.031654	0.028753	0.026056	0.023634	0.021366

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1992 Met
*** Revised building height = 38'

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: FAROUT ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/M**3 **

Y-COORD (METERS)	3514.00	4014.00	4514.00	X-COORD (METERS) 5014.00	5514.00
5343.00	0.010169	0.010286	0.010369	0.010407	0.010405
4843.00	0.010737	0.010860	0.010939	0.010975	0.010894
4343.00	0.011380	0.011505	0.011576	0.011502	0.011349
3843.00	0.012116	0.012236	0.012162	0.011985	0.011824
3343.00	0.012961	0.012891	0.012685	0.012501	0.012329
2843.00	0.013698	0.013459	0.013251	0.013056	0.012866
2343.00	0.014316	0.014084	0.013867	0.013653	0.013436
1843.00	0.015004	0.014782	0.014541	0.014265	0.013567
1343.00	0.015886	0.015289	0.014453	0.013695	0.013010
843.00	0.015465	0.014563	0.013780	0.013068	0.012426
343.00	0.014705	0.013849	0.013114	0.012443	0.011842
-157.00	0.014113	0.013248	0.012518	0.011869	0.011296
-657.00	0.013084	0.012411	0.011817	0.011273	0.010784
-1157.00	0.012139	0.011621	0.011137	0.010688	0.010278
-1657.00	0.011899	0.010913	0.010508	0.010137	0.009795
-2157.00	0.013348	0.011851	0.010636	0.009666	0.009348
-2657.00	0.014583	0.012963	0.011639	0.010552	0.009655
-3157.00	0.015519	0.013877	0.012501	0.011351	0.010386
-3657.00	0.016347	0.014579	0.013201	0.012026	0.011024
-4157.00	0.017372	0.015239	0.013741	0.012573	0.011559
-4657.00	0.018188	0.016096	0.014281	0.012995	0.011992
-5157.00	0.018811	0.016797	0.015013	0.013444	0.012314
-5657.00	0.019266	0.017350	0.015624	0.014068	0.012675

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE: 1207 ***

** CONC OF NOX IN MICROGRAMS/M**3 **

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.108452	AT (	214.00, -257.00) GC	6.	0.044552	AT (	214.00, 143.00) GC
2.	0.104469	AT (	214.00, -57.00) GC	7.	0.043616	AT (	314.00, -57.00) GC
3.	0.063818	AT (	214.00, 43.00) GC	8.	0.042405	AT (	214.00, -457.00) GC
4.	0.062437	AT (	214.00, -357.00) GC	9.	0.041172	AT (	314.00, -157.00) GC
5.	0.059805	AT (	114.00, -157.00) GC	10.	0.037476	AT (	314.00, -357.00) GC

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE: GEN03 ***

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.076528	AT (	114.00, -357.00) GC	6.	0.063661	AT (	-186.00, -157.00) GC
2.	0.066865	AT (	114.00, -457.00) GC	7.	0.063648	AT (	-86.00, -57.00) GC
3.	0.066548	AT (	14.00, 43.00) GC	8.	0.061797	AT (	14.00, -357.00) GC
4.	0.064517	AT (	-86.00, -157.00) GC	9.	0.060263	AT (	14.00, -457.00) GC
5.	0.064237	AT (	114.00, -257.00) GC	10.	0.058832	AT (	-186.00, -57.00) GC

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

*** ISCL13 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1992 Met
*** Revised building height = 38'

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: ALL ***
INCLUDING SOURCE(S): 1207 , GEN03 ,

** CONC OF NOX IN MICROGRAMS/M**3 **

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.149034	AT (	214.00, -257.00) GC	6.	0.089493	AT (	-86.00, -157.00) GC
2.	0.138319	AT (	214.00, -57.00) GC	7.	0.088361	AT (	114.00, -257.00) GC
3.	0.109198	AT (	214.00, -357.00) GC	8.	0.085907	AT (	214.00, -457.00) GC
4.	0.095503	AT (	214.00, 43.00) GC	9.	0.084163	AT (	-186.00, -157.00) GC
5.	0.089931	AT (	114.00, -357.00) GC	10.	0.082283	AT (	114.00, -457.00) GC

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

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** SOURCE 1207 CONTRIBUTIONS TO THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: ALL ***

** .CONC OF NOX IN MICROGRAMS/M**3 **

RANK	CONC	AT	RECEPTOR (XR, YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR, YR) OF TYPE
1.	0.108452	AT (	214.00, -257.00) GC	6.	0.024976	AT (	-86.00, -157.00) GC
2.	0.104469	AT (	214.00, -57.00) GC	7.	0.024124	AT (	114.00, -257.00) GC
3.	0.062437	AT (	214.00, -357.00) GC	8.	0.042405	AT (	214.00, -457.00) GC
4.	0.063818	AT (	214.00, 43.00) GC	9.	0.020502	AT (	-186.00, -157.00) GC
5.	0.013403	AT (	114.00, -357.00) GC	10.	0.015418	AT (	114.00, -457.00) GC

*** SOURCE GEN03 CONTRIBUTIONS TO THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: ALL ***

RANK	CONC	AT	RECEPTOR (XR, YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR, YR) OF TYPE
1.	0.040582	AT (	214.00, -257.00) GC	6.	0.064517	AT (	-86.00, -157.00) GC
2.	0.033850	AT (	214.00, -57.00) GC	7.	0.064237	AT (	114.00, -257.00) GC
3.	0.046761	AT (	214.00, -357.00) GC	8.	0.043502	AT (	214.00, -457.00) GC
4.	0.031685	AT (	214.00, 43.00) GC	9.	0.063661	AT (	-186.00, -157.00) GC
5.	0.076528	AT (	114.00, -357.00) GC	10.	0.066865	AT (	114.00, -457.00) GC

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

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1992 Met
*** Revised building height = 38'

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*** MODELING OPTIONS USED: CONC RURAL FLAT DEFAULT

*** Message Summary : ISCLT3 Model Execution ***

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

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

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

***** WARNING MESSAGES *****
*** NONE ***

*** ISCLT3 Finishes Successfully ***

ISCLT3 NO_x 1992

** The results for this run are in file 12LT92C.OUT

CO STARTING

TITLEONE FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1992 Met
TITLETWO Revised building height = 38'
MODELOPT DEFAULT CONC RURAL
AVERTIME ANNUAL
POLLUTID NOX
RUNORNOT RUN

CO FINISHED

SO STARTING

SO LOCATION 1207 POINT 214.0 -157.0

** Parameters	QS	HS	TS	VS	DS		
**	-----	-----	-----	-----	-----	---	---
SO SRCPARAM 1207	1.109	17.68	718.1	13.85	2.66		
SO BUILDHGT 1207		11.58	11.58	11.58	11.58	11.58	.00
SO BUILDHGT 1207		11.58	11.58	11.58	11.58	11.58	11.58
SO BUILDHGT 1207		11.58	.00	11.58	11.58		
SO BUILDWID 1207		24.38	27.19	25.86	20.60	12.19	.00
SO BUILDWID 1207		8.62	17.86	24.38	27.19	25.86	20.60
SO BUILDWID 1207		12.19	.00	8.62	17.86		

SO LOCATION GEN03 POINT 62.2 -150.3

** Parameters	QS	HS	TS	VS	DS		
**	-----	-----	-----	-----	-----	---	---
SO SRCPARAM GEN03	0.020	6.10	644.26	45.49	0.2		
SO BUILDHGT GEN03		3.66	3.66	3.66	3.66	3.66	3.66
SO BUILDHGT GEN03		3.66	3.66	3.66	3.66	3.66	3.66
SO BUILDHGT GEN03		3.66	3.66	3.66	3.66		
SO BUILDWID GEN03		39.62	39.52	33.41	22.20	7.62	22.20
SO BUILDWID GEN03		33.41	39.52	39.62	39.52	33.41	22.20
SO BUILDWID GEN03		7.62	22.20	33.41	39.52		

SO SRCGROUP ALL

SO FINISHED

RE STARTING

GRIDCART CLOSEIN STA
GRIDCART CLOSEIN XYINC -886 23 100 -1257 23 100
GRIDCART CLOSEIN END
GRIDCART FAROUT STA
GRIDCART FAROUT XYINC -5486 23 500 -5657 23 500
GRIDCART FAROUT END

RE FINISHED

```

ME STARTING
INPUTFIL PENZA92.STA
ANEMHGHT 10.
SURFDATA 13899 1992 PENSACOLA
UAIRDATA 12832 1992 APALACHICOLA
STARDATE ANNUAL

```

```

**          - AMBIENT AIR TEMPERATURE (DEGREES KELVIN) -
**
**          STAB    STAB    STAB    STAB    STAB    STAB
**          CAT 1   CAT 2   CAT 3   CAT 4   CAT 5   CAT 6
**          -----
AVETEMPS ANNUAL 298.0 298.0 298.0 288.2 288.2 293.2

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**          - MIXING LAYER HEIGHT (METERS) -
**
**          S
**          T    WS      WS      WS      WS      WS      WS
**          SEAS A  CAT 1   CAT 2   CAT 3   CAT 4   CAT 5   CAT 6
**          ---- B  -----
AVEMIXHT ANNUAL 1 .180E+04 .180E+04 .180E+04 .180E+04 .180E+04 .180E+04
AVEMIXHT ANNUAL 2 .120E+04 .120E+04 .120E+04 .120E+04 .120E+04 .120E+04
AVEMIXHT ANNUAL 3 .120E+04 .120E+04 .120E+04 .120E+04 .120E+04 .120E+04
AVEMIXHT ANNUAL 4 .120E+04 .120E+04 .120E+04 .120E+04 .120E+04 .120E+04
AVEMIXHT ANNUAL 5 .100E+05 .100E+05 .100E+05 .100E+05 .100E+05 .100E+05
AVEMIXHT ANNUAL 6 .100E+05 .100E+05 .100E+05 .100E+05 .100E+05 .100E+05

```

ME FINISHED

```

OU STARTING
RECTABLE SRCGRP
MAXTABLE 10 INDSRC SRCGRP SOCONT
OU FINISHED

```

```

*****
*** SETUP Finishes Successfully ***
*****

```

*** MODELING OPTIONS USED: CONC RURAL FLAT DEFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Model Is Setup For Calculation of Average CONCentration Values.
**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses NO plume DEPLETION.

**Model Uses RURAL Dispersion.

**Model Uses Regulatory DEFAULT Options:

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

**Model Assumes Receptors on FLAT Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

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

**Data File Includes 1 STAR Summaries for the Following Months: 0 0 0 0 0 0 0 0 0 0 0 0
 Seasons/Quarters: 0 0 0 0
 and Annual: 1

**This Run Includes: 2 Source(s); 1 Source Group(s); and 1058 Receptor(s)

**The Model Assumes A Pollutant Type of: NOX

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

**Output Options Selected:

Model Outputs Tables of Long Term Values by Receptor (RECTABLE Keyword)
Model Outputs Tables of Maximum Long Term Values (MAXTABLE Keyword)

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
 Output Units = MICROGRAMS/M**3

**Input Runstream File: 12LT92d.IN ; **Output Print File: 12LT92d.OUT

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1992 Met
*** Revised building height = 38'

*** 11/23/99
*** 05:54:22
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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
1207	0	0.11090E+01	214.0	-157.0	0.0	17.68	718.10	13.85	2.66	YES	
GEN03	0	0.20000E-01	62.2	-150.3	0.0	6.10	644.26	45.49	0.20	YES	

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1992 Met
*** Revised building height = 38'

*** 11/23/99
*** 05:54:22
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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

ALL 1207 , GEN03 ,

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1992 Met
*** Revised building height = 38'

*** 11/23/99
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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: 1207

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	11.6,	24.4,	0	2	11.6,	27.2,	0	3	11.6,	25.9,	0	4	11.6,	20.6,	0
5	11.6,	12.2,	0	6	0.0,	0.0,	0	7	11.6,	8.6,	0	8	11.6,	17.9,	0
9	11.6,	24.4,	0	10	11.6,	27.2,	0	11	11.6,	25.9,	0	12	11.6,	20.6,	0
13	11.6,	12.2,	0	14	0.0,	0.0,	0	15	11.6,	8.6,	0	16	11.6,	17.9,	0

SOURCE ID: GEN03

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	3.7,	39.6,	0	2	3.7,	39.5,	0	3	3.7,	33.4,	0	4	3.7,	22.2,	0
5	3.7,	7.6,	0	6	3.7,	22.2,	0	7	3.7,	33.4,	0	8	3.7,	39.5,	0
9	3.7,	39.6,	0	10	3.7,	39.5,	0	11	3.7,	33.4,	0	12	3.7,	22.2,	0
13	3.7,	7.6,	0	14	3.7,	22.2,	0	15	3.7,	33.4,	0	16	3.7,	39.5,	0

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1992 Met
*** Revised building height = 38'

*** 11/23/99
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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: CLOSEIN ; NETWORK TYPE: GRIDCART ***

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

-886.0,	-786.0,	-686.0,	-586.0,	-486.0,	-386.0,	-286.0,	-186.0,	-86.0,	14.0,
114.0,	214.0,	314.0,	414.0,	514.0,	614.0,	714.0,	814.0,	914.0,	1014.0,
1114.0,	1214.0,	1314.0,							

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

-1257.0,	-1157.0,	-1057.0,	-957.0,	-857.0,	-757.0,	-657.0,	-557.0,	-457.0,	-357.0,
-257.0,	-157.0,	-57.0,	43.0,	143.0,	243.0,	343.0,	443.0,	543.0,	643.0,
743.0,	843.0,	943.0,							

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1992 Met
*** Revised building height = 38'

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: FAROUT ; NETWORK TYPE: GRIDCART ***

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

-5486.0,	-4986.0,	-4486.0,	-3986.0,	-3486.0,	-2986.0,	-2486.0,	-1986.0,	-1486.0,	-986.0,
-486.0,	14.0,	514.0,	1014.0,	1514.0,	2014.0,	2514.0,	3014.0,	3514.0,	4014.0,
4514.0,	5014.0,	5514.0,							

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

-5657.0,	-5157.0,	-4657.0,	-4157.0,	-3657.0,	-3157.0,	-2657.0,	-2157.0,	-1657.0,	-1157.0,
-657.0,	-157.0,	343.0,	843.0,	1343.0,	1843.0,	2343.0,	2843.0,	3343.0,	3843.0,
4343.0,	4843.0,	5343.0,							

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1992 Met
*** Revised building height = 38'

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR 3*ZLB IN DISTANCE, OR WITHIN OPEN PIT SOURCE

SOURCE ID	-- RECEPTOR LOCATION --		DISTANCE (METERS)
	XR (METERS)	YR (METERS)	
1207	214.0	-157.0	0.00

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

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

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

*** WIND PROFILE EXPONENTS ***

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

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

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

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

	STABILITY CATEGORY A	STABILITY CATEGORY B	STABILITY CATEGORY C	STABILITY CATEGORY D	STABILITY CATEGORY E	STABILITY CATEGORY F
ANNUAL	298.0000	298.0000	298.0000	288.2000	288.2000	293.2000

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1992 Met
*** Revised building height = 38'

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** AVERAGE MIXING LAYER HEIGHT (METERS) ***

	WIND SPEED	WIND SPEED	ANNUAL WIND SPEED	WIND SPEED	WIND SPEED	WIND SPEED
	CATEGORY 1	CATEGORY 2	CATEGORY 3	CATEGORY 4	CATEGORY 5	CATEGORY 6
STABILITY CATEGORY A	1800.0001	1800.0001	1800.0001	1800.0001	1800.0001	1800.0001
STABILITY CATEGORY B	1200.0000	1200.0000	1200.0000	1200.0000	1200.0000	1200.0000
STABILITY CATEGORY C	1200.0000	1200.0000	1200.0000	1200.0000	1200.0000	1200.0000
STABILITY CATEGORY D	1200.0000	1200.0000	1200.0000	1200.0000	1200.0000	1200.0000
STABILITY CATEGORY E	10000.0000	10000.0000	10000.0000	10000.0000	10000.0000	10000.0000
STABILITY CATEGORY F	10000.0000	10000.0000	10000.0000	10000.0000	10000.0000	10000.0000

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

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

FILE: PENZA92.STA

FORMAT: (6F10.0)

SURFACE STATION NO.: 13899

UPPER AIR STATION NO.: 12832

NAME: PENSACOLA

NAME: APALACHICOLA

YEAR: 1992

YEAR: 1992

ANNUAL: STABILITY CATEGORY A

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00015500	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
22.500	0.00020500	0.00057000	0.00000000	0.00000000	0.00000000	0.00000000
45.000	0.00028700	0.00079700	0.00000000	0.00000000	0.00000000	0.00000000
67.500	0.00027800	0.00034200	0.00000000	0.00000000	0.00000000	0.00000000
90.000	0.00055500	0.00068400	0.00000000	0.00000000	0.00000000	0.00000000
112.500	0.00047400	0.00045600	0.00000000	0.00000000	0.00000000	0.00000000
135.000	0.00012300	0.00034200	0.00000000	0.00000000	0.00000000	0.00000000
157.500	0.00051500	0.00057000	0.00000000	0.00000000	0.00000000	0.00000000
180.000	0.00024600	0.00068400	0.00000000	0.00000000	0.00000000	0.00000000
202.500	0.00008200	0.00022800	0.00000000	0.00000000	0.00000000	0.00000000
225.000	0.00004100	0.00011400	0.00000000	0.00000000	0.00000000	0.00000000
247.500	0.00012300	0.00034200	0.00000000	0.00000000	0.00000000	0.00000000
270.000	0.00012300	0.00034200	0.00000000	0.00000000	0.00000000	0.00000000
292.500	0.00012300	0.00034200	0.00000000	0.00000000	0.00000000	0.00000000
315.000	0.00012300	0.00034200	0.00000000	0.00000000	0.00000000	0.00000000
337.500	0.00008200	0.00022800	0.00000000	0.00000000	0.00000000	0.00000000

ANNUAL: STABILITY CATEGORY B

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00108400	0.00455400	0.00261900	0.00000000	0.00000000	0.00000000
22.500	0.00009200	0.00170800	0.00113900	0.00000000	0.00000000	0.00000000
45.000	0.00033200	0.00170800	0.00148000	0.00000000	0.00000000	0.00000000
67.500	0.00021200	0.00170800	0.00068400	0.00000000	0.00000000	0.00000000
90.000	0.00041100	0.00318800	0.00284700	0.00000000	0.00000000	0.00000000
112.500	0.00026100	0.00261900	0.00296000	0.00000000	0.00000000	0.00000000
135.000	0.00032000	0.00148000	0.00261900	0.00000000	0.00000000	0.00000000
157.500	0.00016300	0.00079700	0.00216400	0.00000000	0.00000000	0.00000000
180.000	0.00026100	0.00261900	0.00273300	0.00000000	0.00000000	0.00000000
202.500	0.00015700	0.00068400	0.00034200	0.00000000	0.00000000	0.00000000

225.000	0.00016300	0.00079700	0.00057000	0.00000000	0.00000000	0.00000000
247.500	0.00018100	0.00113900	0.00057000	0.00000000	0.00000000	0.00000000
270.000	0.00007400	0.00136700	0.00148000	0.00000000	0.00000000	0.00000000
292.500	0.00020600	0.00159400	0.00170800	0.00000000	0.00000000	0.00000000
315.000	0.00008600	0.00159400	0.00125300	0.00000000	0.00000000	0.00000000
337.500	0.00010400	0.00193600	0.00170800	0.00000000	0.00000000	0.00000000

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

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

FILE: Pensa92.STA

FORMAT: (6F10.0)

SURFACE STATION NO.: 13899

UPPER AIR STATION NO.: 12832

NAME: PENSACOLA

NAME: APALACHICOLA

YEAR: 1992

YEAR: 1992

ANNUAL: STABILITY CATEGORY C

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00096500	0.00614800	0.01013300	0.00239100	0.00000000	0.00000000
22.500	0.00030400	0.00193600	0.00421300	0.00000000	0.00000000	0.00000000
45.000	0.00025100	0.00159400	0.00375700	0.00034200	0.00000000	0.00000000
67.500	0.00061400	0.00307400	0.00432700	0.00011400	0.00000000	0.00000000
90.000	0.00050700	0.00239100	0.00603400	0.00079700	0.00000000	0.00000000
112.500	0.00019700	0.00125300	0.00649000	0.00193600	0.00022800	0.00000000
135.000	0.00014300	0.00091100	0.00671700	0.00284700	0.00000000	0.00000000
157.500	0.00010800	0.00068400	0.00785600	0.00273300	0.00000000	0.00000000
180.000	0.00047800	0.00136700	0.01206800	0.00375700	0.00000000	0.00000000
202.500	0.00023900	0.00068400	0.00273300	0.00102500	0.00000000	0.00000000
225.000	0.00019700	0.00125300	0.00273300	0.00022800	0.00011400	0.00000000
247.500	0.00027500	0.00091100	0.00239100	0.00011400	0.00000000	0.00011400
270.000	0.00012600	0.00079700	0.00444000	0.00057000	0.00000000	0.00000000
292.500	0.00014300	0.00091100	0.00330200	0.00102500	0.00000000	0.00000000
315.000	0.00045400	0.00205000	0.00478200	0.00057000	0.00000000	0.00000000
337.500	0.00035800	0.00227700	0.00592000	0.00182200	0.00011400	0.00000000

ANNUAL: STABILITY CATEGORY D

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00107700	0.00751400	0.01787400	0.01844300	0.00068400	0.00000000
22.500	0.00067900	0.00592000	0.00944900	0.00227700	0.00000000	0.00000000
45.000	0.00180900	0.01001900	0.01115700	0.00227700	0.00011400	0.00000000
67.500	0.00091700	0.00580700	0.01252300	0.00193600	0.00000000	0.00000000
90.000	0.00091000	0.00705900	0.02003700	0.00785600	0.00022800	0.00011400
112.500	0.00080000	0.00455400	0.01206800	0.01468600	0.00159400	0.00000000
135.000	0.00012800	0.00136700	0.00717300	0.00899400	0.00022800	0.00000000
157.500	0.00021300	0.00227700	0.00819700	0.00865300	0.00079700	0.00000000
180.000	0.00045500	0.00353000	0.01673500	0.01946800	0.00079700	0.00000000
202.500	0.00026300	0.00148000	0.00819700	0.00683100	0.00057000	0.00000000

225.000	0.00050500	0.00273300	0.00774200	0.00922200	0.00091100	0.00011400
247.500	0.00037000	0.00261900	0.00694500	0.00717300	0.00079700	0.00000000
270.000	0.00027700	0.00296000	0.00603400	0.00580700	0.00068400	0.00000000
292.500	0.00063000	0.00273300	0.00501000	0.00398500	0.00057000	0.00000000
315.000	0.00039100	0.00284700	0.00546500	0.01229600	0.00079700	0.00011400
337.500	0.00048700	0.00387100	0.01127100	0.01639400	0.00079700	0.00000000

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

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

FILE: Pensa92.STA

FORMAT: (6F10.0)

SURFACE STATION NO.: 13899

UPPER AIR STATION NO.: 12832

NAME: PENSACOLA

NAME: APALACHICOLA

YEAR: 1992

YEAR: 1992

ANNUAL: STABILITY CATEGORY E

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.00000000	0.01161300	0.01297900	0.00000000	0.00000000	0.00000000
22.500	0.00000000	0.00569300	0.00159400	0.00000000	0.00000000	0.00000000
45.000	0.00000000	0.00728600	0.00261900	0.00000000	0.00000000	0.00000000
67.500	0.00000000	0.00705900	0.00455400	0.00000000	0.00000000	0.00000000
90.000	0.00000000	0.00762800	0.00398500	0.00000000	0.00000000	0.00000000
112.500	0.00000000	0.00261900	0.00159400	0.00000000	0.00000000	0.00000000
135.000	0.00000000	0.00261900	0.00170800	0.00000000	0.00000000	0.00000000
157.500	0.00000000	0.00330200	0.00159400	0.00000000	0.00000000	0.00000000
180.000	0.00000000	0.00557900	0.00341600	0.00000000	0.00000000	0.00000000
202.500	0.00000000	0.00296000	0.00364300	0.00000000	0.00000000	0.00000000
225.000	0.00000000	0.00455400	0.00569300	0.00000000	0.00000000	0.00000000
247.500	0.00000000	0.00478200	0.00808300	0.00000000	0.00000000	0.00000000
270.000	0.00000000	0.00330200	0.00603400	0.00000000	0.00000000	0.00000000
292.500	0.00000000	0.00284700	0.00330200	0.00000000	0.00000000	0.00000000
315.000	0.00000000	0.00546500	0.00432700	0.00000000	0.00000000	0.00000000
337.500	0.00000000	0.00785600	0.01036000	0.00000000	0.00000000	0.00000000

ANNUAL: STABILITY CATEGORY F

DIRECTION (DEGREES)	WIND SPEED CATEGORY 1 (1.500 M/S)	WIND SPEED CATEGORY 2 (2.500 M/S)	WIND SPEED CATEGORY 3 (4.300 M/S)	WIND SPEED CATEGORY 4 (6.800 M/S)	WIND SPEED CATEGORY 5 (9.500 M/S)	WIND SPEED CATEGORY 6 (12.500 M/S)
0.000	0.01840600	0.02960000	0.00000000	0.00000000	0.00000000	0.00000000
22.500	0.00548800	0.00740000	0.00000000	0.00000000	0.00000000	0.00000000
45.000	0.00657500	0.01001900	0.00000000	0.00000000	0.00000000	0.00000000
67.500	0.00454100	0.00705900	0.00000000	0.00000000	0.00000000	0.00000000
90.000	0.00338700	0.00466800	0.00000000	0.00000000	0.00000000	0.00000000
112.500	0.00205400	0.00261900	0.00000000	0.00000000	0.00000000	0.00000000
135.000	0.00281200	0.00250500	0.00000000	0.00000000	0.00000000	0.00000000
157.500	0.00134300	0.00284700	0.00000000	0.00000000	0.00000000	0.00000000
180.000	0.00332100	0.00489600	0.00000000	0.00000000	0.00000000	0.00000000
202.500	0.00471300	0.00592000	0.00000000	0.00000000	0.00000000	0.00000000

225.000	0.00396300	0.00683100	0.00000000	0.00000000	0.00000000	0.00000000
247.500	0.00586100	0.01218200	0.00000000	0.00000000	0.00000000	0.00000000
270.000	0.00359300	0.00671700	0.00000000	0.00000000	0.00000000	0.00000000
292.500	0.00456000	0.00671700	0.00000000	0.00000000	0.00000000	0.00000000
315.000	0.00626300	0.00888000	0.00000000	0.00000000	0.00000000	0.00000000
337.500	0.01101600	0.02072000	0.00000000	0.00000000	0.00000000	0.00000000

SUM OF FREQUENCIES, FTOTAL = 1.00014

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: CLOSEIN ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-886.00	-786.00	-686.00	X-COORD (METERS)		-386.00	-286.00	-186.00	-86.00
943.00	0.020696	0.020910	0.021164	0.021478	0.021876	0.022440	0.024360	0.026926	0.030099
843.00	0.021052	0.021095	0.021317	0.021603	0.021983	0.022489	0.024129	0.026731	0.030113
743.00	0.021687	0.021414	0.021466	0.021718	0.022074	0.022567	0.023677	0.026589	0.030167
643.00	0.022667	0.022111	0.021750	0.021838	0.022135	0.022634	0.023322	0.026349	0.030786
543.00	0.023847	0.023294	0.022574	0.022080	0.022277	0.022768	0.023698	0.026918	0.033193
443.00	0.025262	0.024773	0.024068	0.023142	0.022573	0.023006	0.024984	0.027584	0.036356
343.00	0.026945	0.026601	0.026076	0.025259	0.023880	0.023461	0.025325	0.028954	0.038349
243.00	0.028295	0.028607	0.028578	0.028081	0.026728	0.025204	0.025777	0.030232	0.039298
143.00	0.029527	0.030097	0.030721	0.031246	0.030094	0.029424	0.029315	0.032575	0.041764
43.00	0.030934	0.031892	0.032955	0.034178	0.035713	0.037275	0.038094	0.040806	0.047699
-57.00	0.032545	0.033849	0.035463	0.037845	0.042150	0.047463	0.055281	0.066165	0.067667
-157.00	0.034082	0.035721	0.037795	0.041563	0.048334	0.056662	0.068613	0.083546	0.088776
-257.00	0.030855	0.031917	0.033204	0.035634	0.039863	0.044170	0.048790	0.051078	0.052102
-357.00	0.027693	0.028192	0.028717	0.029764	0.031580	0.033817	0.037942	0.044243	0.046999
-457.00	0.024724	0.024732	0.024627	0.025560	0.027531	0.031395	0.035857	0.038889	0.039519
-557.00	0.022225	0.022534	0.023467	0.024954	0.027228	0.030593	0.032672	0.033228	0.036165
-657.00	0.021582	0.022441	0.023547	0.024951	0.026806	0.028360	0.029270	0.028075	0.035755
-757.00	0.021671	0.022520	0.023600	0.024934	0.025730	0.026002	0.025293	0.024657	0.034384
-857.00	0.021746	0.022582	0.023618	0.024257	0.024469	0.023528	0.022409	0.024889	0.032557
-957.00	0.021805	0.022624	0.023121	0.023311	0.022605	0.021694	0.020590	0.025034	0.032229
-1057.00	0.021848	0.022248	0.022406	0.021826	0.021120	0.020286	0.020737	0.025266	0.032728
-1157.00	0.021548	0.021682	0.021198	0.020623	0.019955	0.019199	0.021404	0.025823	0.033605
-1257.00	0.021086	0.020673	0.020194	0.019647	0.019033	0.018730	0.021848	0.027141	0.034445

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: CLOSEIN ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/M**3 **

Y-COORD (METERS) |	14.00	114.00	214.00	X-COORD (METERS)		514.00	614.00	714.00	814.00
				314.00	414.00				
943.00 |	0.033541	0.035543	0.036201	0.030428	0.024874	0.019730	0.016542	0.015009	0.015197
843.00 |	0.033821	0.035713	0.035929	0.029530	0.023446	0.018677	0.015539	0.015255	0.015476
743.00 |	0.034221	0.035915	0.035461	0.028295	0.021626	0.017631	0.015410	0.015578	0.015830
643.00 |	0.036460	0.038475	0.037093	0.028460	0.021121	0.016910	0.015822	0.015998	0.016282
543.00 |	0.041501	0.044108	0.042072	0.030506	0.022768	0.017237	0.016976	0.016761	0.016741
443.00 |	0.046575	0.049634	0.046073	0.031015	0.023436	0.019921	0.019447	0.018101	0.017370
343.00 |	0.053281	0.057054	0.050769	0.033984	0.023892	0.022570	0.021392	0.020165	0.018329
243.00 |	0.062135	0.067181	0.056019	0.037915	0.027668	0.025622	0.023416	0.021307	0.019880
143.00 |	0.072140	0.078206	0.068387	0.041993	0.032993	0.028905	0.024899	0.022275	0.020597
43.00 |	0.075734	0.079976	0.094786	0.047480	0.039583	0.030921	0.025741	0.022708	0.020775
-57.00 |	0.054407	0.041570	0.137082	0.071340	0.044028	0.032700	0.026900	0.023459	0.021168
-157.00 |	0.057409	0.080698	0.035979	0.071140	0.046936	0.034577	0.028134	0.024183	0.021611
-257.00 |	0.043633	0.087640	0.147853	0.038977	0.022564	0.019792	0.019061	0.018131	0.017547
-357.00 |	0.074226	0.089334	0.108425	0.067517	0.029356	0.019122	0.014287	0.012942	0.014173
-457.00 |	0.069728	0.081839	0.085431	0.062880	0.039014	0.023200	0.017487	0.014494	0.013393
-557.00 |	0.059396	0.072155	0.072123	0.056474	0.041820	0.028458	0.020224	0.017188	0.015622
-657.00 |	0.051567	0.063343	0.063628	0.051374	0.042069	0.031303	0.023869	0.019383	0.017638
-757.00 |	0.048243	0.056823	0.057133	0.047345	0.040304	0.032985	0.026341	0.021937	0.018909
-857.00 |	0.045591	0.052389	0.052848	0.045202	0.038916	0.032379	0.027273	0.023196	0.020723
-957.00 |	0.042754	0.048134	0.048488	0.042275	0.036708	0.032396	0.028677	0.025425	0.022755
-1057.00 |	0.041741	0.046652	0.047587	0.042032	0.037283	0.033750	0.030799	0.027609	0.024879
-1157.00 |	0.041948	0.046847	0.048438	0.043391	0.038894	0.035229	0.032487	0.029525	0.026813
-1257.00 |	0.042199	0.047044	0.049059	0.044438	0.040238	0.036580	0.033793	0.031202	0.028546

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: CLOSEIN ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/M**3 **

Y-COORD (METERS)	914.00	1014.00	1114.00	X-COORD (METERS) 1214.00	1314.00
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943.00	0.015448	0.015747	0.016075	0.016418	0.016779
843.00	0.015762	0.016094	0.016439	0.016808	0.016793
743.00	0.016148	0.016475	0.016838	0.016823	0.016848
643.00	0.016561	0.016888	0.016864	0.016893	0.016958
543.00	0.016998	0.016946	0.016966	0.017036	0.017138
443.00	0.017099	0.017101	0.017166	0.017271	0.017403
343.00	0.017509	0.017375	0.017484	0.017615	0.017628
243.00	0.018241	0.017818	0.017663	0.017543	0.017416
143.00	0.018607	0.017708	0.017382	0.017275	0.017207
43.00	0.019383	0.017731	0.017167	0.017138	0.017117
-57.00	0.019586	0.017800	0.017129	0.017149	0.017158
-157.00	0.019837	0.017966	0.017293	0.017335	0.017348
-257.00	0.017147	0.016430	0.016334	0.016486	0.016583
-357.00	0.015018	0.015366	0.015596	0.015815	0.015948
-457.00	0.013780	0.014808	0.015097	0.015313	0.015453
-557.00	0.015064	0.014885	0.014903	0.014982	0.015098
-657.00	0.016493	0.016032	0.015626	0.015270	0.015029
-757.00	0.017968	0.017235	0.016650	0.016166	0.015752
-857.00	0.019288	0.018423	0.017716	0.017125	0.016613
-957.00	0.020830	0.019568	0.018784	0.018109	0.017513
-1057.00	0.022605	0.020942	0.019821	0.019082	0.018419
-1157.00	0.024483	0.022515	0.021044	0.020020	0.019306
-1257.00	0.026205	0.024175	0.022435	0.021107	0.020155

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: FAROUT ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-5486.00	-4986.00	-4486.00	X-COORD (METERS) -3986.00	-3486.00	-2986.00	-2486.00	-1986.00	-1486.00
5343.00	0.007910	0.008106	0.008430	0.008765	0.009108	0.009461	0.009818	0.010472	0.012518
4843.00	0.008507	0.008538	0.008764	0.009138	0.009530	0.009936	0.010352	0.010779	0.012674
4343.00	0.009164	0.009236	0.009267	0.009533	0.009981	0.010451	0.010937	0.011432	0.012733
3843.00	0.009881	0.010008	0.010097	0.010138	0.010463	0.011007	0.011578	0.012166	0.012836
3343.00	0.010661	0.010863	0.011029	0.011147	0.011203	0.011609	0.012279	0.012981	0.013697
2843.00	0.011502	0.011798	0.012067	0.012292	0.012454	0.012532	0.013043	0.013868	0.014732
2343.00	0.012398	0.012809	0.013207	0.013575	0.013888	0.014111	0.014196	0.014829	0.015856
1843.00	0.013292	0.013831	0.014435	0.014986	0.015504	0.015932	0.016215	0.016289	0.017068
1343.00	0.014221	0.014832	0.015519	0.016305	0.017228	0.018004	0.018611	0.018913	0.018790
843.00	0.015169	0.015863	0.016641	0.017522	0.018516	0.019665	0.020984	0.022111	0.022277
343.00	0.016108	0.016890	0.017767	0.018761	0.019870	0.021162	0.022642	0.024201	0.025756
-157.00	0.017003	0.017869	0.018843	0.019950	0.021193	0.022663	0.024444	0.026438	0.028874
-657.00	0.016066	0.016750	0.017488	0.018280	0.019102	0.019941	0.020769	0.021314	0.021302
-1157.00	0.015149	0.015666	0.016189	0.016702	0.017152	0.017514	0.017617	0.017981	0.019106
-1657.00	0.014278	0.014652	0.014998	0.015292	0.015516	0.016092	0.016782	0.017683	0.018989
-2157.00	0.013475	0.013734	0.014042	0.014548	0.015103	0.015715	0.016449	0.017394	0.017265
-2657.00	0.012898	0.013327	0.013781	0.014269	0.014809	0.015426	0.016169	0.016117	0.015563
-3157.00	0.012712	0.013126	0.013565	0.014040	0.014565	0.015166	0.015170	0.014785	0.014288
-3657.00	0.012556	0.012958	0.013385	0.013846	0.014355	0.014370	0.014068	0.013701	0.013284
-4157.00	0.012423	0.012814	0.013229	0.013677	0.013701	0.013452	0.013150	0.012809	0.012794
-4657.00	0.012296	0.012685	0.013090	0.013123	0.012915	0.012663	0.012374	0.012066	0.014320
-5157.00	0.012168	0.012555	0.012609	0.012436	0.012224	0.011979	0.011710	0.011480	0.015828
-5657.00	0.012042	0.012112	0.011988	0.011821	0.011612	0.011379	0.011131	0.011891	0.016927

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: FAROUT ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-986.00	-486.00	14.00	X-COORD (METERS)					
				514.00	1014.00	1514.00	2014.00	2514.00	3014.00
5343.00	0.014713	0.016992	0.019275	0.018634	0.016209	0.013862	0.011668	0.009803	0.009971
4843.00	0.015192	0.017842	0.020514	0.019708	0.016800	0.014017	0.011460	0.010329	0.010520
4343.00	0.015637	0.018749	0.021917	0.020885	0.017347	0.014011	0.011053	0.010928	0.011145
3843.00	0.016006	0.019697	0.023510	0.022161	0.017788	0.013747	0.011340	0.011617	0.011864
3343.00	0.016216	0.020644	0.025311	0.023509	0.018008	0.013058	0.012085	0.012422	0.012699
2843.00	0.016174	0.021481	0.027294	0.024806	0.017750	0.012561	0.012988	0.013370	0.013677
2343.00	0.017003	0.022105	0.029492	0.025914	0.016675	0.013500	0.014023	0.014523	0.014494
1843.00	0.018321	0.022026	0.031464	0.026105	0.014380	0.014525	0.015322	0.015411	0.015188
1343.00	0.019566	0.021611	0.032843	0.024249	0.014709	0.015869	0.016229	0.016134	0.015981
843.00	0.021253	0.021983	0.033821	0.018677	0.016094	0.016781	0.017001	0.017047	0.016273
343.00	0.027161	0.023880	0.053281	0.022570	0.017375	0.017492	0.016956	0.016286	0.015504
-157.00	0.032834	0.048334	0.057409	0.034577	0.017966	0.017316	0.016754	0.015899	0.014981
-657.00	0.020927	0.026806	0.051567	0.031303	0.016032	0.014956	0.014838	0.014337	0.013710
-1157.00	0.021218	0.019955	0.041948	0.035229	0.022515	0.018039	0.015471	0.013376	0.012629
-1657.00	0.018558	0.018405	0.043524	0.040729	0.029277	0.021859	0.018180	0.015559	0.013489
-2157.00	0.016362	0.022379	0.043892	0.042601	0.032752	0.025649	0.020497	0.017438	0.015131
-2657.00	0.014904	0.025966	0.043023	0.042481	0.034219	0.027990	0.022894	0.018964	0.016445
-3157.00	0.015627	0.027900	0.041672	0.041503	0.034680	0.029094	0.024496	0.020668	0.017549
-3657.00	0.018353	0.028804	0.040116	0.040147	0.034501	0.029465	0.025407	0.021849	0.018810
-4157.00	0.020149	0.029053	0.038476	0.038602	0.033877	0.029572	0.025904	0.022649	0.019776
-4657.00	0.021302	0.028975	0.036972	0.037150	0.033138	0.029396	0.026082	0.023151	0.020480
-5157.00	0.022026	0.028702	0.035584	0.035786	0.032335	0.029060	0.026072	0.023426	0.020965
-5657.00	0.022451	0.028314	0.034308	0.034520	0.031514	0.028626	0.025940	0.023530	0.021273

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1992 Met

11/23/99

*** Revised building height = 38'

05:54:22

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: FAROUT ; NETWORK TYPE: GRIDCART ***

** CONC OF NOX IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 3514.00 4014.00 4514.00 5014.00 5514.00

5343.00 |	0.010119	0.010237	0.010321	0.010360	0.010360
4843.00 |	0.010683	0.010807	0.010888	0.010926	0.010847
4343.00 |	0.011322	0.011449	0.011521	0.011450	0.011300
3843.00 |	0.012053	0.012175	0.012104	0.011930	0.011772
3343.00 |	0.012893	0.012827	0.012624	0.012444	0.012274
2843.00 |	0.013626	0.013391	0.013187	0.012997	0.012809
2343.00 |	0.014241	0.014015	0.013802	0.013591	0.013377
1843.00 |	0.014927	0.014711	0.014474	0.014202	0.013508
1343.00 |	0.015808	0.015216	0.014386	0.013634	0.012953
843.00 |	0.015391	0.014494	0.013716	0.013009	0.012371
343.00 |	0.014636	0.013785	0.013054	0.012388	0.011790
-157.00 |	0.014048	0.013188	0.012461	0.011817	0.011247
-657.00 |	0.013025	0.012355	0.011764	0.011223	0.010737
-1157.00 |	0.012085	0.011569	0.011087	0.010640	0.010233
-1657.00 |	0.011845	0.010865	0.010461	0.010092	0.009752
-2157.00 |	0.013285	0.011796	0.010587	0.009624	0.009307
-2657.00 |	0.014513	0.012902	0.011586	0.010505	0.009612
-3157.00 |	0.015445	0.013812	0.012444	0.011300	0.010341
-3657.00 |	0.016270	0.014512	0.013142	0.011973	0.010977
-4157.00 |	0.017292	0.015170	0.013681	0.012519	0.011511
-4657.00 |	0.018106	0.016025	0.014219	0.012941	0.011943
-5157.00 |	0.018728	0.016724	0.014950	0.013389	0.012265
-5657.00 |	0.019183	0.017277	0.015559	0.014011	0.012625

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE: 1207 ***

** CONC OF NOX IN MICROGRAMS/M**3 **

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.107528	AT (	214.00, -257.00) GC	6.	0.044275	AT (	214.00, 143.00) GC
2.	0.103527	AT (	214.00, -57.00) GC	7.	0.043214	AT (	314.00, -57.00) GC
3.	0.063340	AT (	214.00, 43.00) GC	8.	0.042139	AT (	214.00, -457.00) GC
4.	0.061939	AT (	214.00, -357.00) GC	9.	0.040849	AT (	314.00, -157.00) GC
5.	0.059256	AT (	114.00, -157.00) GC	10.	0.037188	AT (	314.00, -357.00) GC

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR SOURCE: GEN03 ***

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.076014	AT (	114.00, -357.00) GC	6.	0.063232	AT (	-86.00, -57.00) GC
2.	0.066509	AT (	114.00, -457.00) GC	7.	0.063154	AT (	-186.00, -157.00) GC
3.	0.066140	AT (	14.00, 43.00) GC	8.	0.061347	AT (	14.00, -357.00) GC
4.	0.063956	AT (	-86.00, -157.00) GC	9.	0.059917	AT (	14.00, -457.00) GC
5.	0.063701	AT (	114.00, -257.00) GC	10.	0.058462	AT (	-186.00, -57.00) GC

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

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1992 Met
*** Revised building height = 38'

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: ALL ***
INCLUDING SOURCE(S): 1207 , GEN03 ,

** CONC OF NOX IN MICROGRAMS/M**3 **

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.147853	AT (	214.00, -257.00) GC	6.	0.088776	AT (	-86.00, -157.00) GC
2.	0.137082	AT (	214.00, -57.00) GC	7.	0.087640	AT (	114.00, -257.00) GC
3.	0.108425	AT (	214.00, -357.00) GC	8.	0.085431	AT (	214.00, -457.00) GC
4.	0.094786	AT (	214.00, 43.00) GC	9.	0.083546	AT (	-186.00, -157.00) GC
5.	0.089334	AT (	114.00, -357.00) GC	10.	0.081839	AT (	114.00, -457.00) GC

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

*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** SOURCE 1207 CONTRIBUTIONS TO THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: ALL ***

** CONC OF NOX IN MICROGRAMS/M**3 **

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.107528	AT (	214.00, -257.00) GC	6.	0.024820	AT (	-86.00, -157.00) GC
2.	0.103527	AT (	214.00, -57.00) GC	7.	0.023940	AT (	114.00, -257.00) GC
3.	0.061939	AT (	214.00, -357.00) GC	8.	0.042139	AT (	214.00, -457.00) GC
4.	0.063340	AT (	214.00, 43.00) GC	9.	0.020392	AT (	-186.00, -157.00) GC
5.	0.013320	AT (	114.00, -357.00) GC	10.	0.015331	AT (	114.00, -457.00) GC

*** SOURCE GEN03 CONTRIBUTIONS TO THE MAXIMUM 10 ANNUAL AVERAGE CONCENTRATION VALUES FOR GROUP: ALL ***

RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE	RANK	CONC	AT	RECEPTOR (XR,YR) OF TYPE
1.	0.040325	AT (	214.00, -257.00) GC	6.	0.063956	AT (	-86.00, -157.00) GC
2.	0.033556	AT (	214.00, -57.00) GC	7.	0.063701	AT (	114.00, -257.00) GC
3.	0.046486	AT (	214.00, -357.00) GC	8.	0.043291	AT (	214.00, -457.00) GC
4.	0.031447	AT (	214.00, 43.00) GC	9.	0.063154	AT (	-186.00, -157.00) GC
5.	0.076014	AT (	114.00, -357.00) GC	10.	0.066509	AT (	114.00, -457.00) GC

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

*** ISCLT3 - VERSION 96113 ***

*** FGT CS 12A ISCLT Turbine 1207 & Emergency Generator 3 1992 Met

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*** Revised building height = 38'

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*** MODELING OPTIONS USED: CONC RURAL FLAT DFAULT

*** Message Summary : ISCLT3 Model Execution ***

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

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

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

***** WARNING MESSAGES *****
*** NONE ***

*** ISCLT3 Finishes Successfully ***

ISCST3 CO 1986

** The results for this run are in file 12ST86C.OUT.
**

CO STARTING
 TITLEONE FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1986 Met
 TITLETWO Revised building height = 38'
 MODELOPT DFAULT RURAL CONC
 AVERTIME 1 8
 POLLUTID CO
 RUNORNOT RUN
 ERRORFIL ERRORS.OUT
 CO FINISHED

SO STARTING
 LOCATION 1207 POINT 214.0 -157.0
 ** Point Source QS HS TS VS DS
 ** Parameters:
 SRCPARAM 1207 1.351 17.68 718.1 13.85 2.66

SO BUILDHGT 1207	11.58	11.58	11.58	11.58	11.58	11.58
SO BUILDHGT 1207	11.58	11.58	11.58	.00	.00	.00
SO BUILDHGT 1207	11.58	11.58	11.58	11.58	11.58	11.58
SO BUILDHGT 1207	11.58	11.58	11.58	11.58	11.58	11.58
SO BUILDHGT 1207	11.58	11.58	11.58	.00	.00	.00
SO BUILDHGT 1207	11.58	11.58	11.58	11.58	11.58	11.58
SO BUILDWID 1207	26.13	27.08	27.21	26.52	25.01	22.75
SO BUILDWID 1207	19.80	16.24	12.19	.00	.00	.00
SO BUILDWID 1207	6.33	10.84	15.02	18.74	21.90	24.38
SO BUILDWID 1207	26.13	27.08	27.21	26.52	25.01	22.75
SO BUILDWID 1207	19.80	16.24	12.19	.00	.00	.00
SO BUILDWID 1207	6.33	10.84	15.02	18.74	21.90	24.38

SO LOCATION GEN03 POINT 62.2 -150.3
 ** Parameters QS HS TS VS DS
 **
 SO SRCPARAM GEN03 0.283 6.10 644.26 45.49 0.2

SO BUILDHGT GEN03	3.66	3.66	3.66	3.66	3.66	3.66
SO BUILDHGT GEN03	3.66	3.66	3.66	3.66	3.66	3.66
SO BUILDHGT GEN03	3.66	3.66	3.66	3.66	3.66	3.66
SO BUILDHGT GEN03	3.66	3.66	3.66	3.66	3.66	3.66
SO BUILDHGT GEN03	3.66	3.66	3.66	3.66	3.66	3.66
SO BUILDHGT GEN03	3.66	3.66	3.66	3.66	3.66	3.66
SO BUILDWID GEN03	40.35	39.84	38.13	35.25	31.31	26.41
SO BUILDWID GEN03	20.71	14.38	7.62	14.38	20.71	26.41
SO BUILDWID GEN03	31.31	35.25	38.13	39.84	40.35	39.62
SO BUILDWID GEN03	40.35	39.84	38.13	35.25	31.31	26.41
SO BUILDWID GEN03	20.71	14.38	7.62	14.38	20.71	26.41
SO BUILDWID GEN03	31.31	35.25	38.13	39.84	40.35	39.62

SO SRCGROUP ALL
SO FINISHED

RE STARTING
GRIDCART 100METER STA
GRIDCART 100METER XYINC -986 25 100 -1357 25 100
GRIDCART 100METER END
RE FINISHED

ME STARTING
INPUTFIL 12ST86.ASC
ANEMHGHT 10
SURFDATA 13899 1986 PENSACOLA
UAIRDATA 12832 1986 APALACHICOLA
ME FINISHED

OU STARTING
RECTABLE ALLAVE FIRST SECOND
MAXTABLE ALLAVE 50
OU FINISHED

*** SETUP Finishes Successfully ***

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1986 Met
*** Revised building height = 38'

*** 11/23/99
*** 06:10:19
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**MODELOPTs: CONC.

RURAL FLAT

DEFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

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

-- SCAVENGING/DEPOSITION LOGIC --

**Model Uses NO DRY DEPLETION. DDPLETE = F

**Model Uses NO WET DEPLETION. WDPLETE = F

**NO WET SCAVENGING Data Provided.

**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses RURAL Dispersion.

**Model Uses Regulatory DEFAULT Options:

1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.
8. "Upper Bound" Values for Supersquat Buildings.
9. No Exponential Decay for RURAL Mode

**Model Assumes Receptors on FLAT Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates 2 Short Term Average(s) of: 1-HR 8-HR

**This Run Includes: 2 Source(s); 1 Source Group(s); and 625 Receptor(s)

**The Model Assumes A Pollutant Type of: CO

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

**Output Options Selected:

Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)

Model Outputs Tables of Overall Maximum Short Term Values (MAXTABLE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
 Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 1.3 MB of RAM.

**Input Runstream File: 12st86D.IN
 **Output Print File: 12st86D.OUT
 **Detailed Error/Message File: ERRORS.OUT

*** ISCST3 - VERSION 98356 *** *** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1986 Met *** 11/23/99
 *** Revised building height = 38' *** 06:10:19
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**MODELOPTs: CONC RURAL FLAT DFAULT

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
1207	0	0.13510E+01	214.0	-157.0	0.0	17.68	718.10	13.85	2.66	YES	
GEN03	0	0.28300E+00	62.2	-150.3	0.0	6.10	644.26	45.49	0.20	YES	

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1986 Met
*** Revised building height = 38'

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**MODELOPTs: CONC

RURAL FLAT DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID

SOURCE IDs

ALL 1207 , GEN03 ,

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1986 Met
*** Revised building height = 38'

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**MODELOPTs: CONC

RURAL FLAT DFAULT

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: 1207

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	11.6,	26.1,	0	2	11.6,	27.1,	0	3	11.6,	27.2,	0	4	11.6,	26.5,	0	5	11.6,	25.0,	0	6	11.6,	22.8,	0
7	11.6,	19.8,	0	8	11.6,	16.2,	0	9	11.6,	12.2,	0	10	0.0,	0.0,	0	11	0.0,	0.0,	0	12	0.0,	0.0,	0
13	11.6,	6.3,	0	14	11.6,	10.8,	0	15	11.6,	15.0,	0	16	11.6,	18.7,	0	17	11.6,	21.9,	0	18	11.6,	24.4,	0
19	11.6,	26.1,	0	20	11.6,	27.1,	0	21	11.6,	27.2,	0	22	11.6,	26.5,	0	23	11.6,	25.0,	0	24	11.6,	22.8,	0
25	11.6,	19.8,	0	26	11.6,	16.2,	0	27	11.6,	12.2,	0	28	0.0,	0.0,	0	29	0.0,	0.0,	0	30	0.0,	0.0,	0
31	11.6,	6.3,	0	32	11.6,	10.8,	0	33	11.6,	15.0,	0	34	11.6,	18.7,	0	35	11.6,	21.9,	0	36	11.6,	24.4,	0

SOURCE ID: GEN03

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	3.7,	40.3,	0	2	3.7,	39.8,	0	3	3.7,	38.1,	0	4	3.7,	35.3,	0	5	3.7,	31.3,	0	6	3.7,	26.4,	0
7	3.7,	20.7,	0	8	3.7,	14.4,	0	9	3.7,	7.6,	0	10	3.7,	14.4,	0	11	3.7,	20.7,	0	12	3.7,	26.4,	0
13	3.7,	31.3,	0	14	3.7,	35.3,	0	15	3.7,	38.1,	0	16	3.7,	39.8,	0	17	3.7,	40.3,	0	18	3.7,	39.6,	0
19	3.7,	40.3,	0	20	3.7,	39.8,	0	21	3.7,	38.1,	0	22	3.7,	35.3,	0	23	3.7,	31.3,	0	24	3.7,	26.4,	0
25	3.7,	20.7,	0	26	3.7,	14.4,	0	27	3.7,	7.6,	0	28	3.7,	14.4,	0	29	3.7,	20.7,	0	30	3.7,	26.4,	0
31	3.7,	31.3,	0	32	3.7,	35.3,	0	33	3.7,	38.1,	0	34	3.7,	39.8,	0	35	3.7,	40.3,	0	36	3.7,	39.6,	0

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1986 Met
*** Revised building height = 38'

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**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

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

-986.0,	-886.0,	-786.0,	-686.0,	-586.0,	-486.0,	-386.0,	-286.0,	-186.0,	-86.0,
14.0,	114.0,	214.0,	314.0,	414.0,	514.0,	614.0,	714.0,	814.0,	914.0,
1014.0,	1114.0,	1214.0,	1314.0,	1414.0,					

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

-1357.0,	-1257.0,	-1157.0,	-1057.0,	-957.0,	-857.0,	-757.0,	-657.0,	-557.0,	-457.0,
-357.0,	-257.0,	-157.0,	-57.0,	43.0,	143.0,	243.0,	343.0,	443.0,	543.0,
643.0,	743.0,	843.0,	943.0,	1043.0,					

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1986 Met
*** Revised building height = 38'

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**MODELOPTs: CONC

RURAL FLAT DEFAULT

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR 3*ZLB IN DISTANCE, OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)
1207	214.0 -157.0	0.00

**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

FILE: 12ST86.ASC
 FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)
 SURFACE STATION NO.: 13899 UPPER AIR STATION NO.: 12832
 NAME: PENSACOLA NAME: APALACHICOLA
 YEAR: 1986 YEAR: 1986

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING HEIGHT (M) RURAL	MIXING HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
86	1	1	1	161.0	6.17	287.6	4	550.3	550.3	0.0000	0.0	0.0000	0	0.00
86	1	1	2	188.0	3.09	286.5	4	514.0	514.0	0.0000	0.0	0.0000	0	0.00
86	1	1	3	194.0	5.14	285.9	4	477.6	477.6	0.0000	0.0	0.0000	0	0.00
86	1	1	4	183.0	6.17	285.4	4	441.3	441.3	0.0000	0.0	0.0000	0	0.00
86	1	1	5	193.0	6.17	284.8	4	405.0	405.0	0.0000	0.0	0.0000	0	0.00
86	1	1	6	192.0	4.12	283.7	5	368.6	284.0	0.0000	0.0	0.0000	0	0.00
86	1	1	7	215.0	2.06	283.2	6	332.3	284.0	0.0000	0.0	0.0000	0	0.00
86	1	1	8	183.0	3.60	283.2	5	2.4	277.6	0.0000	0.0	0.0000	0	0.00
86	1	1	9	187.0	4.12	282.6	4	15.0	244.3	0.0000	0.0	0.0000	0	0.00
86	1	1	10	191.0	5.66	283.2	4	27.6	211.0	0.0000	0.0	0.0000	0	0.00
86	1	1	11	224.0	4.12	284.8	3	40.2	177.8	0.0000	0.0	0.0000	0	0.00
86	1	1	12	196.0	2.57	287.6	3	52.8	144.5	0.0000	0.0	0.0000	0	0.00
86	1	1	13	183.0	5.14	287.6	4	65.4	111.3	0.0000	0.0	0.0000	0	0.00
86	1	1	14	179.0	3.09	288.2	3	78.0	78.0	0.0000	0.0	0.0000	0	0.00
86	1	1	15	192.0	2.57	288.7	3	78.0	78.0	0.0000	0.0	0.0000	0	0.00
86	1	1	16	194.0	0.00	288.2	3	78.0	78.0	0.0000	0.0	0.0000	0	0.00
86	1	1	17	181.0	2.06	286.5	4	78.0	78.0	0.0000	0.0	0.0000	0	0.00
86	1	1	18	177.0	2.57	285.4	5	90.6	108.7	0.0000	0.0	0.0000	0	0.00
86	1	1	19	174.0	3.09	284.8	5	107.9	150.9	0.0000	0.0	0.0000	0	0.00
86	1	1	20	177.0	1.54	283.2	6	125.2	193.1	0.0000	0.0	0.0000	0	0.00
86	1	1	21	200.0	2.06	282.6	5	142.6	235.3	0.0000	0.0	0.0000	0	0.00
86	1	1	22	202.0	1.54	281.5	6	159.9	277.6	0.0000	0.0	0.0000	0	0.00
86	1	1	23	190.0	1.54	280.9	7	177.2	319.8	0.0000	0.0	0.0000	0	0.00
86	1	1	24	180.0	1.54	279.8	7	194.5	362.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
 FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-986.00	-886.00	X-COORD (METERS) -786.00	-686.00	-586.00
1043.0 |	11.16442 (86082206)	12.33608 (86050703)	12.31003 (86072505)	11.53557 (86092324)	11.85473 (86070621)
943.0 |	15.09368 (86082206)	11.34297 (86082206)	12.35228 (86050703)	11.60339 (86072505)	9.88677 (86110824)
843.0 |	12.59972 (86082206)	16.46163 (86082206)	11.34211 (86082206)	10.96882 (86021723)	11.60333 (86022010)
743.0 |	11.26888 (86061024)	13.48264 (86082206)	18.09583 (86082206)	11.04338 (86082206)	12.24081 (86011712)
643.0 |	10.61861 (86050706)	11.21052 (86061024)	14.46530 (86082206)	20.07324 (86082206)	13.04861 (86021702)
543.0 |	10.99197 (86100402)	11.84517 (86081419)	11.62633 (86090518)	15.53774 (86082206)	22.49451 (86082206)
443.0 |	19.83058 (86020408)	15.74347 (86020408)	13.28423 (86081419)	14.14007 (86050706)	16.65003 (86082206)
343.0 |	12.77243 (86020408)	20.67508 (86020408)	23.03625 (86020408)	14.22433 (86020523)	17.74098 (86050706)
243.0 |	14.85286 (86011808)	13.78117 (86061309)	15.42402 (86072707)	26.23269 (86020408)	26.05040 (86020408)
143.0 |	15.76180 (86011808)	20.20794 (86011808)	21.80812 (86011808)	17.97968 (86061309)	19.98287 (86072707)
43.0 |	10.71412 (86061908)	12.99758 (86041409)	16.00336 (86052508)	18.65732 (86052508)	27.60199 (86011808)
-57.0 |	20.22894 (86061908)	22.33597 (86061908)	24.09943 (86061908)	24.89421 (86061908)	23.64763 (86061908)
-157.0 |	15.06156 (86100907)	16.26594 (86100907)	17.50998 (86100907)	19.27386 (86070708)	21.60323 (86070708)
-257.0 |	11.95437 (86050407)	13.83847 (86111923)	16.52723 (86111923)	19.01194 (86111923)	20.66952 (86010911)
-357.0 |	12.86338 (86100908)	14.66574 (86100908)	16.13898 (86111605)	17.28511 (86100909)	22.53899 (86120808)
-457.0 |	12.69546 (86120808)	16.85956 (86120808)	18.61497 (86120808)	18.02047 (86072508)	19.96766 (86091408)
-557.0 |	13.83600 (86020920)	14.69432 (86020210)	16.14611 (86041219)	16.79289 (86111916)	16.96659 (86083110)
-657.0 |	13.16500 (86041219)	13.06342 (86111916)	14.12818 (86100810)	15.80602 (86120115)	17.34128 (86020211)
-757.0 |	11.78917 (86020721)	11.58391 (86102908)	13.42725 (86091707)	15.93529 (86020211)	16.32325 (86061507)
-857.0 |	11.97188 (86090221)	11.47244 (86020723)	13.79408 (86020211)	13.74326 (86061507)	16.20841 (86060107)
-957.0 |	11.75827 (86020723)	11.71021 (86020211)	11.77904 (86081219)	14.06560 (86060107)	13.28018 (86120109)
-1057.0 |	12.38363 (86060501)	11.27498 (86070804)	12.23700 (86060107)	11.72255 (86091608)	12.95605 (86121015)
-1157.0 |	11.56304 (86070804)	11.46472 (86011705)	12.13156 (86072824)	11.68282 (86071624)	11.54676 (86081020)
-1257.0 |	11.37545 (86011705)	11.98197 (86072824)	12.05520 (86071624)	11.42819 (86092504)	12.27813 (86072208)
-1357.0 |	11.63293 (86092604)	12.68213 (86060503)	11.67982 (86013107)	11.65207 (86010605)	12.23180 (86061903)

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1986 Met
*** Revised building height = 38'

*** 11/23/99
*** 06:10:19
*** PAGE 10

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-486.00	-386.00	X-COORD (METERS) -286.00	-186.00	-86.00
1043.0	10.70669 (86052901)	11.46423 (86041421)	17.32664 (86082807)	13.02531 (86082807)	11.08291 (86061619)
943.0	10.59428 (86040520)	11.66189 (86050419)	15.45410 (86082807)	16.98442 (86082807)	12.59605 (86022009)
843.0	11.91403 (86021722)	12.22320 (86082015)	13.45598 (86070519)	20.86237 (86082807)	13.95680 (86022009)
743.0	12.51621 (86022010)	13.33960 (86021722)	14.67104 (86050419)	22.95993 (86082807)	14.82893 (86022009)
643.0	14.68079 (86011712)	14.66938 (86021722)	16.47293 (86082015)	20.83013 (86082807)	17.97374 (86090408)
543.0	16.13046 (86021702)	17.44264 (86022010)	17.48736 (86021722)	19.42505 (86070519)	20.69318 (86082807)
443.0	25.47865 (86082206)	19.18237 (86021723)	17.14869 (86021722)	21.69507 (86082015)	27.33255 (86082807)
343.0	19.57092 (86052707)	29.10917 (86082206)	22.30044 (86011712)	23.15553 (86020717)	26.12565 (86082807)
243.0	21.06453 (86081419)	22.80366 (86090518)	33.14251 (86082206)	26.42177 (86091108)	28.02148 (86110617)
143.0	35.61547 (86020408)	24.66095 (86020408)	24.74648 (86010213)	35.28733 (86082206)	31.88379 (86111111)
43.0	31.66164 (86011808)	24.80392 (86090309)	50.34672 (86020408)	32.62492 (86091721)	36.59480 (86050513)
-57.0	22.52185 (86050605)	26.54058 (86041409)	39.31163 (86011808)	48.35358 (86011808)	45.80304 (86040512)
-157.0	23.76139 (86100514)	26.64660 (86100514)	30.60641 (86102208)	35.70921 (86101113)	47.41071 (86122305)
-257.0	23.42247 (86051901)	26.68984 (86082518)	30.05441 (86083102)	34.38979 (86091808)	43.92144 (86101912)
-357.0	24.05945 (86120808)	25.05978 (86111917)	28.01680 (86083114)	32.14963 (86082110)	35.29886 (86103012)
-457.0	21.71517 (86100810)	23.94918 (86060507)	26.73023 (86100208)	29.20670 (86082108)	31.45132 (86083116)
-557.0	20.27600 (86031310)	22.32902 (86061507)	24.08410 (86061918)	26.19552 (86060208)	27.34978 (86110107)
-657.0	19.35974 (86061507)	20.92736 (86061918)	22.28988 (86060606)	22.66741 (86011009)	23.72760 (86081307)
-757.0	18.43594 (86060107)	18.99102 (86062007)	20.06926 (86072208)	21.27716 (86101006)	24.50366 (86082907)
-857.0	15.93376 (86120109)	17.18086 (86081020)	17.95712 (86011009)	19.30870 (86070408)	29.36307 (86082907)
-957.0	14.43571 (86121015)	16.46772 (86072208)	16.50359 (86061708)	16.98876 (86021005)	32.86797 (86072320)
-1057.0	14.33166 (86072208)	13.79190 (86011009)	14.79644 (86082219)	16.06508 (86021005)	32.53155 (86072320)
-1157.0	12.95312 (86072208)	12.37407 (86061708)	13.29695 (86070408)	14.39646 (86082907)	29.87951 (86072320)
-1257.0	11.19757 (86103106)	11.68338 (86010122)	12.53559 (86021005)	17.83470 (86072320)	26.35712 (86072320)
-1357.0	10.23987 (86101819)	11.85941 (86041222)	12.41865 (86021005)	20.46207 (86072320)	22.81886 (86072320)

**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	14.00	114.00	X-COORD (METERS) 214.00	314.00	414.00
1043.0 |	12.40930 (86031020)	13.03650 (86031101)	11.20060 (86031109)	11.26807 (86043019)	11.38470 (86102524)
943.0 |	13.27480 (86031020)	14.08588 (86031101)	12.63969 (86031109)	12.07579 (86043019)	12.68473 (86072317)
843.0 |	14.13395 (86031020)	15.16427 (86031101)	14.19894 (86092818)	13.73381 (86031104)	17.81898 (86072317)
743.0 |	14.86752 (86031020)	16.14833 (86031101)	15.83243 (86092818)	15.42359 (86042719)	20.71802 (86072317)
643.0 |	16.94830 (86051519)	18.25833 (86100517)	17.16437 (86043019)	17.29720 (86060419)	17.46327 (86072317)
543.0 |	19.85023 (86051519)	20.56410 (86100517)	20.04542 (86043019)	25.68416 (86072317)	16.57270 (86051219)
443.0 |	22.69421 (86051519)	22.40937 (86072315)	22.03677 (86031104)	26.62450 (86072317)	19.55732 (86100512)
343.0 |	25.62556 (86092018)	24.90919 (86022022)	24.53011 (86060419)	22.91992 (86022103)	22.58470 (86062919)
243.0 |	27.93137 (86051802)	28.92693 (86061009)	43.68810 (86072317)	26.05943 (86021822)	23.99094 (86022118)
143.0 |	33.28226 (86100516)	32.81864 (86082810)	31.78467 (86080819)	29.68376 (86050916)	26.61151 (86061108)
43.0 |	43.23668 (86070916)	42.95849 (86061317)	36.32860 (86012116)	32.46595 (86092118)	28.30534 (86071319)
-57.0 |	53.08479 (86093013)	53.16628 (86031912)	46.01584 (86061115)	34.48665 (86071008)	30.38829 (86090415)
-157.0 |	69.33500 (86122304)	73.59131 (86120213)	48.22157 (86111810)	39.11000 (86112612)	31.09846 (86022113)
-257.0 |	47.16419 (86122622)	51.82823 (86073018)	44.72297 (86082215)	33.94682 (86042119)	33.21695 (86081706)
-357.0 |	46.18769 (86082907)	41.19102 (86050910)	34.52702 (86040902)	32.00859 (86082519)	27.84853 (86061819)
-457.0 |	60.83948 (86082907)	32.84102 (86082507)	48.36739 (86082406)	31.52719 (86011908)	25.99294 (86071519)
-557.0 |	39.86364 (86082907)	28.31636 (86100717)	28.04466 (86081806)	28.37334 (86082406)	24.26199 (86100408)
-657.0 |	25.69244 (86072320)	24.84358 (86071607)	27.26818 (86081906)	34.39055 (86082406)	21.68459 (86061806)
-757.0 |	22.51607 (86062915)	22.06239 (86071607)	21.64684 (86041008)	20.01543 (86011317)	26.64557 (86082406)
-857.0 |	20.33400 (86062915)	20.16338 (86053107)	19.74986 (86111924)	21.20048 (86081906)	25.46685 (86082406)
-957.0 |	17.90233 (86082307)	17.86000 (86053107)	17.79570 (86082416)	20.59016 (86081906)	14.70153 (86081119)
-1057.0 |	15.93215 (86082307)	15.65972 (86033105)	15.58219 (86071618)	15.62442 (86081906)	14.56548 (86120118)
-1157.0 |	14.10615 (86082307)	13.95931 (86033105)	13.89182 (86071618)	13.48781 (86041008)	16.18161 (86081906)
-1257.0 |	13.59298 (86031320)	12.49267 (86033105)	11.97397 (86071618)	12.00028 (86111924)	15.72638 (86081906)
-1357.0 |	13.04472 (86031320)	11.46241 (86012905)	11.19721 (86012006)	11.23633 (86011206)	13.25840 (86081906)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS) |	X-COORD (METERS)				
	514.00	614.00	714.00	814.00	914.00
1043.0 |	16.08169 (86072317)	10.43152 (86041424)	11.37119 (86020505)	10.63509 (86063022)	12.23217 (86021904)
943.0 |	16.08446 (86072317)	10.81515 (86020505)	11.26039 (86042521)	11.75687 (86070924)	12.37757 (86052521)
843.0 |	12.72687 (86051219)	13.75879 (86020505)	12.96960 (86022105)	11.90749 (86012019)	10.45701 (86052221)
743.0 |	13.30724 (86020505)	12.53079 (86022105)	12.23408 (86022105)	11.45670 (86060707)	10.99657 (86100518)
643.0 |	16.49834 (86020505)	15.68576 (86022105)	13.78283 (86060707)	12.80187 (86100518)	11.95316 (86091224)
543.0 |	17.51877 (86022105)	16.26683 (86060707)	15.09748 (86100518)	13.85725 (86091224)	13.64234 (86021012)
443.0 |	19.02676 (86091214)	17.94118 (86100518)	16.44065 (86050919)	16.07332 (86021012)	13.65204 (86052907)
343.0 |	21.04854 (86100518)	19.55927 (86050919)	17.83851 (86072718)	17.24631 (86062220)	14.11727 (86072919)
243.0 |	22.93006 (86062907)	20.86406 (86052907)	18.33871 (86021809)	16.27946 (86072919)	15.40602 (86082418)
143.0 |	24.38951 (86091207)	21.90985 (86072919)	19.88286 (86082418)	16.25210 (86021717)	13.87736 (86081518)
43.0 |	25.17135 (86040808)	22.34923 (86040807)	20.78688 (86091218)	18.44887 (86112001)	16.95983 (86022001)
-57.0 |	26.43814 (86110516)	22.01294 (86080710)	20.50770 (86080710)	18.42512 (86101317)	16.89326 (86101317)
-157.0 |	26.27191 (86031914)	23.44577 (86031914)	20.37836 (86031914)	17.60655 (86031914)	15.25045 (86031914)
-257.0 |	25.41827 (86070107)	23.39897 (86050108)	21.40906 (86072719)	19.04738 (86100617)	16.96227 (86071316)
-357.0 |	25.64592 (86082419)	22.31528 (86120208)	23.43219 (86081706)	19.57837 (86081706)	16.24159 (86010303)
-457.0 |	23.27504 (86071010)	20.67558 (86072416)	19.55267 (86120207)	16.84296 (86120208)	15.05523 (86120208)
-557.0 |	22.13241 (86040206)	20.19572 (86031307)	18.84649 (86082318)	15.27643 (86072416)	14.95690 (86011217)
-657.0 |	20.76186 (86100408)	18.81193 (86040206)	16.95500 (86031307)	14.06790 (86082318)	13.70445 (86082318)
-757.0 |	20.30419 (86011908)	17.40644 (86031309)	16.99226 (86033102)	13.08092 (86050807)	12.43357 (86031307)
-857.0 |	17.14547 (86010309)	18.42458 (86011908)	14.54078 (86031309)	15.09561 (86072714)	10.97451 (86031424)
-957.0 |	22.57444 (86082406)	13.26526 (86121023)	15.68725 (86011908)	12.23270 (86031309)	13.43398 (86072714)
-1057.0 |	20.26983 (86082406)	14.57064 (86010420)	12.68059 (86011908)	13.47899 (86080708)	11.22365 (86022804)
-1157.0 |	12.40336 (86082406)	19.15343 (86082406)	12.02411 (86010309)	12.86332 (86011908)	12.15004 (86042324)
-1257.0 |	10.98249 (86072722)	16.88419 (86082406)	14.22802 (86082406)	12.27886 (86122920)	12.24695 (86011908)
-1357.0 |	11.75917 (86010522)	11.71643 (86040922)	16.50481 (86082406)	12.49012 (86050802)	11.57017 (86102624)

**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	1014.00	1114.00	1214.00	1314.00	1414.00
1043.0	12.14668 (86052521)	12.15099 (86052402)	11.08506 (86060802)	11.35957 (86032921)	12.55066 (86021901)
943.0	11.07165 (86052402)	10.68384 (86060802)	11.27808 (86032921)	12.86617 (86021901)	12.92351 (86033121)
843.0	10.59470 (86071222)	11.43401 (86030604)	12.66987 (86021901)	12.30801 (86033121)	11.49416 (86030520)
743.0	11.38907 (86030604)	11.73148 (86021901)	11.53741 (86080702)	11.34879 (86030520)	12.49907 (86032820)
643.0	11.30876 (86021012)	11.46516 (86021012)	11.94541 (86041422)	12.47880 (86020701)	12.58074 (86030602)
543.0	11.75470 (86021012)	12.51941 (86062220)	12.26764 (86072301)	11.60037 (86061221)	12.70062 (86071724)
443.0	13.66096 (86062220)	11.44756 (86072919)	11.99356 (86071724)	12.20472 (86071001)	12.59764 (86032421)
343.0	12.20963 (86072919)	12.02966 (86082418)	11.27658 (86012920)	11.95452 (86070104)	11.68411 (86011820)
243.0	11.24780 (86021717)	10.86395 (86072302)	11.19838 (86041321)	11.77682 (86050102)	11.61473 (86011920)
143.0	13.77206 (86091218)	12.84091 (86091218)	11.59365 (86112001)	12.06552 (86072304)	12.40385 (86071504)
43.0	15.78835 (86022001)	13.45883 (86022001)	10.94987 (86022001)	10.67691 (86110602)	11.58540 (86072104)
-57.0	14.94111 (86101317)	13.03933 (86101317)	11.34109 (86101317)	10.61722 (86061104)	11.00490 (86080801)
-157.0	13.81517 (86081508)	12.64670 (86081508)	11.66586 (86081508)	10.83141 (86081508)	10.84385 (86090601)
-257.0	14.87778 (86071316)	12.81572 (86071316)	11.32093 (86121710)	11.45335 (86011220)	11.34248 (86011220)
-357.0	13.91546 (86050108)	13.10518 (86050108)	11.55647 (86050108)	11.50233 (86071722)	11.49071 (86092820)
-457.0	16.66766 (86081706)	15.43563 (86081706)	12.88186 (86062608)	11.41834 (86040201)	10.83701 (86032321)
-557.0	13.37738 (86063007)	12.65992 (86072906)	11.62874 (86081706)	12.86281 (86081706)	12.46209 (86081706)
-657.0	11.45044 (86072416)	11.78423 (86011217)	11.22556 (86070422)	12.36557 (86062524)	11.19837 (86062102)
-757.0	12.29470 (86082318)	11.27209 (86011506)	11.40005 (86041601)	12.45488 (86062803)	11.62947 (86070422)
-857.0	11.54130 (86031307)	12.02803 (86032422)	11.26265 (86022403)	11.28183 (86011506)	12.22917 (86032220)
-957.0	11.79576 (86031424)	11.05653 (86070423)	12.52540 (86032722)	11.60158 (86072103)	11.64279 (86070324)
-1057.0	11.97782 (86072714)	11.50173 (86031424)	11.54688 (86063005)	11.37146 (86032722)	12.90891 (86032422)
-1157.0	11.35114 (86022804)	11.55227 (86022420)	11.59855 (86061502)	10.63153 (86031424)	11.45982 (86070423)
-1257.0	11.85824 (86042324)	11.28795 (86100404)	11.65043 (86022420)	11.23916 (86102120)	12.15061 (86031424)
-1357.0	11.86334 (86020705)	10.99320 (86042324)	11.40610 (86100404)	11.58735 (86022420)	11.43054 (86102120)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 2ND HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-986.00	-886.00	X-COORD (METERS) -786.00	-686.00	-586.00
1043.0	9.20866 (86031723)	10.35206 (86092602)	12.04344 (86051403)	10.70162 (86091102)	11.09323 (86020520)
943.0	11.63882 (86012119)	8.69830 (86090219)	10.66703 (86092602)	10.87527 (86051622)	9.87794 (86091101)
843.0	9.18786 (86052706)	11.41368 (86012119)	8.78686 (86051207)	10.58109 (86021702)	10.99281 (86092521)
743.0	11.03403 (86092522)	10.19694 (86112015)	10.94347 (86030210)	10.42310 (86021702)	12.20690 (86021723)
643.0	10.39480 (86052904)	10.68663 (86090518)	11.59102 (86112015)	12.70509 (86030210)	12.14550 (86103116)
543.0	9.71172 (86050705)	11.75313 (86050706)	10.96304 (86050706)	13.62782 (86052707)	14.91926 (86030210)
443.0	11.41379 (86031003)	10.76727 (86021317)	12.07045 (86050706)	13.24942 (86050606)	16.37328 (86052707)
343.0	12.00527 (86072707)	13.05927 (86110508)	14.29842 (86021317)	14.08016 (86020408)	17.02551 (86081419)
243.0	12.36890 (86090208)	13.68189 (86090111)	14.85985 (86090317)	16.78964 (86110508)	17.71010 (86021317)
143.0	12.61973 (86010211)	14.42827 (86082218)	15.68285 (86090208)	17.79541 (86090111)	18.66903 (86090317)
43.0	10.70397 (86041409)	12.91476 (86020201)	15.84549 (86022209)	18.43879 (86022209)	21.02852 (86082218)
-57.0	18.87739 (86100907)	18.87599 (86100907)	18.10013 (86100907)	19.01825 (86022210)	20.39076 (86022210)
-157.0	13.48763 (86070708)	15.13515 (86070708)	17.08233 (86070708)	18.69645 (86100907)	20.64402 (86100514)
-257.0	11.94814 (86031508)	13.11218 (86010910)	14.94054 (86010911)	18.18884 (86010911)	20.17368 (86121623)
-357.0	11.70812 (86111605)	14.36985 (86111605)	15.10241 (86100908)	16.88648 (86111514)	20.55571 (86100909)
-457.0	12.64915 (86100909)	13.88690 (86100909)	16.15385 (86020920)	17.66223 (86100809)	19.92426 (86090207)
-557.0	13.37103 (86120808)	13.73659 (86100809)	15.09894 (86091408)	16.65992 (86020122)	16.93124 (86051306)
-657.0	12.00104 (86020210)	12.98849 (86020122)	12.74856 (86060406)	15.78771 (86041212)	15.40202 (86120116)
-757.0	11.39748 (86100810)	11.55453 (86041212)	13.38538 (86031310)	14.29614 (86120116)	15.89727 (86081219)
-857.0	11.48176 (86010606)	11.44887 (86031310)	12.58135 (86120116)	13.60782 (86081219)	14.85029 (86070606)
-957.0	11.26401 (86012406)	11.64891 (86090303)	11.76719 (86092308)	12.53207 (86070606)	13.27560 (86020906)
-1057.0	11.55282 (86041802)	11.27072 (86082222)	11.28332 (86011705)	11.16154 (86072824)	12.43715 (86060606)
-1157.0	11.55902 (86082222)	10.70650 (86060107)	11.48058 (86010204)	11.36449 (86010402)	11.43752 (86031308)
-1257.0	10.38849 (86090923)	11.34698 (86092604)	11.96555 (86060503)	10.79443 (86121015)	11.12397 (86092705)
-1357.0	11.17228 (86072824)	11.66953 (86012404)	11.65158 (86010107)	11.54926 (86031705)	11.47317 (86123019)

**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE 2ND HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-486.00	-386.00	X-COORD (METERS) -286.00	-186.00	-86.00
1043.0	9.44952 (86061020)	11.09581 (86012120)	11.11470 (86110903)	11.10355 (86090408)	11.08249 (86022009)
943.0	10.56234 (86070701)	11.53919 (86082015)	11.50472 (86070519)	12.50889 (86092618)	11.58499 (86061619)
843.0	10.45037 (86100615)	12.14876 (86032518)	13.26079 (86010212)	13.80768 (86020212)	11.65033 (86061619)
743.0	10.34081 (86091108)	12.30640 (86020717)	13.63491 (86082015)	14.33940 (86020212)	14.79221 (86090408)
643.0	13.53596 (86022010)	13.27283 (86100615)	16.33512 (86032518)	16.17931 (86070519)	16.20262 (86051209)
543.0	15.34414 (86021723)	15.30886 (86102117)	16.79056 (86020717)	18.99237 (86010212)	19.79595 (86092618)
443.0	17.60058 (86030210)	18.61329 (86021702)	16.74839 (86022010)	21.41626 (86032518)	22.22284 (86020212)
343.0	19.00919 (86090518)	20.35475 (86030210)	21.57965 (86022211)	22.94639 (86100615)	24.79285 (86020517)
243.0	19.83472 (86050706)	22.51555 (86052707)	24.44534 (86051207)	25.15001 (86090316)	26.75122 (86051319)
143.0	21.82802 (86092817)	23.67938 (86020523)	24.62253 (86052724)	28.83453 (86040518)	31.61497 (86040401)
43.0	22.97519 (86090208)	23.78455 (86061309)	28.85900 (86120908)	32.62492 (86110816)	36.55210 (86051008)
-57.0	21.17423 (86012508)	26.40414 (86120903)	30.74201 (86060322)	34.28356 (86110706)	45.23516 (86011810)
-157.0	23.73656 (86070708)	26.54084 (86092408)	30.50536 (86091823)	35.50488 (86120713)	46.91795 (86120713)
-257.0	23.12188 (86091510)	26.12366 (86111921)	30.05424 (86050507)	34.29853 (86101107)	38.82565 (86101911)
-357.0	22.90783 (86103117)	24.85467 (86091509)	27.96265 (86090101)	31.33492 (86121523)	34.31720 (86010806)
-457.0	21.15380 (86083104)	23.67330 (86111919)	26.46317 (86061407)	28.53343 (86111208)	31.08735 (86082916)
-557.0	19.52099 (86081520)	21.66410 (86120617)	23.86693 (86041210)	25.77431 (86100607)	27.25631 (86122016)
-657.0	18.45073 (86081219)	20.83027 (86070606)	21.95788 (86110906)	22.31906 (86120111)	23.51938 (86111608)
-757.0	17.75045 (86070606)	18.64873 (86020208)	19.62673 (86020913)	21.27419 (86061708)	21.46244 (86121124)
-857.0	15.91852 (86020906)	16.91867 (86031308)	17.75287 (86020908)	19.09138 (86070807)	28.94496 (86072320)
-957.0	14.36885 (86060606)	15.42031 (86020913)	16.47502 (86070507)	16.76392 (86111608)	28.87687 (86082907)
-1057.0	13.30785 (86091508)	13.68101 (86020908)	14.28442 (86070807)	15.59588 (86111608)	25.75113 (86082907)
-1157.0	11.96232 (86020913)	12.35037 (86070507)	12.98029 (86122602)	13.82848 (86072320)	21.87848 (86082907)
-1257.0	11.17894 (86050805)	11.54819 (86101006)	12.17093 (86111608)	17.12065 (86082907)	18.17325 (86082907)
-1357.0	9.98120 (86121123)	11.12652 (86090805)	12.15471 (86111608)	18.33479 (86082907)	14.96616 (86082907)

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1986 Met
*** Revised building height = 38'

*** 11/23/99
*** 06:10:19
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**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 2ND HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS) |	14.00	114.00	X-COORD (METERS) 214.00	314.00	414.00
1043.0 |	10.89740 (86092523)	11.51598 (86082017)	10.39713 (86092818)	11.18266 (86022608)	10.92145 (86042719)
943.0 |	10.49280 (86051519)	12.73450 (86041718)	12.27882 (86092818)	11.96276 (86031104)	11.96406 (86122917)
843.0 |	12.21260 (86051519)	14.24414 (86041718)	14.01843 (86020507)	12.46401 (86051919)	13.28070 (86032818)
743.0 |	14.37790 (86051519)	15.98907 (86041718)	15.59754 (86020507)	14.80362 (86060419)	14.85910 (86052918)
643.0 |	15.60368 (86092018)	18.16441 (86110610)	16.29891 (86092818)	16.99378 (86122917)	16.37046 (86072619)
543.0 |	18.84757 (86092018)	20.43586 (86110610)	18.35220 (86031104)	18.96878 (86052918)	16.39415 (86022103)
443.0 |	22.49321 (86092018)	22.29823 (86100517)	20.56906 (86042719)	21.94794 (86072619)	18.78711 (86021817)
343.0 |	24.82323 (86061619)	24.69220 (86022021)	24.37215 (86072415)	22.00201 (86050719)	20.86616 (86022102)
243.0 |	27.36724 (86093018)	28.53572 (86021821)	27.80165 (86092017)	25.66212 (86030518)	23.31070 (86100518)
143.0 |	33.13232 (86050622)	32.48097 (86060919)	30.69246 (86022013)	29.37141 (86072417)	26.57913 (86111722)
43.0 |	43.20179 (86093010)	42.21461 (86072115)	35.98946 (86061120)	32.46595 (86100418)	27.86035 (86032418)
-57.0 |	52.80926 (86112515)	51.52280 (86112008)	44.95731 (86050817)	33.21490 (86122403)	29.85697 (86120922)
-157.0 |	65.42932 (86101208)	67.78091 (86122407)	47.50819 (86112607)	38.40281 (86120216)	30.77887 (86071720)
-257.0 |	43.82800 (86021114)	51.19414 (86042214)	43.64195 (86100509)	33.83633 (86020602)	29.81690 (86070220)
-357.0 |	40.17729 (86010105)	40.54140 (86080109)	34.30077 (86042103)	31.99771 (86081607)	27.84853 (86081018)
-457.0 |	31.94640 (86112705)	32.34723 (86110919)	31.40026 (86081818)	28.46192 (86042904)	25.03234 (86012516)
-557.0 |	28.10340 (86121020)	27.63128 (86090704)	27.59019 (86072807)	24.99505 (86010306)	23.38986 (86062017)
-657.0 |	25.04371 (86091307)	24.60061 (86032218)	24.14323 (86100903)	23.14495 (86053006)	20.90530 (86121023)
-757.0 |	22.40322 (86090418)	21.99545 (86053107)	21.46261 (86101009)	19.62148 (86120118)	19.67646 (86071708)
-857.0 |	20.25166 (86090418)	20.14635 (86062019)	19.37467 (86082416)	19.15198 (86111112)	16.92620 (86040108)
-957.0 |	17.85161 (86062915)	17.85232 (86062019)	16.61968 (86111924)	14.63748 (86100903)	14.46421 (86011317)
-1057.0 |	15.82191 (86102017)	15.60725 (86062019)	14.73488 (86082416)	13.99441 (86041008)	14.42295 (86081806)
-1157.0 |	14.03114 (86031320)	13.60678 (86020817)	12.08427 (86033007)	11.96898 (86101009)	13.67493 (86081806)
-1257.0 |	12.56544 (86082307)	12.38279 (86020817)	11.21467 (86110318)	11.61207 (86041008)	10.78676 (86041723)
-1357.0 |	11.23313 (86082307)	11.34145 (86060103)	11.08241 (86082601)	11.14394 (86110221)	11.93659 (86012004)

**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE 2ND HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	514.00	614.00	X-COORD (METERS) 714.00	814.00	914.00
1043.0	10.67468 (86052918)	10.25821 (86051219)	11.30238 (86022121)	10.63196 (86071122)	11.28348 (86030521)
943.0	11.64603 (86072619)	10.47437 (86090504)	10.98242 (86020505)	11.65935 (86022105)	11.49048 (86062422)
843.0	12.49037 (86072317)	12.20406 (86021817)	11.38402 (86022102)	10.88173 (86010305)	10.43481 (86070921)
743.0	12.73290 (86051219)	11.68992 (86020505)	12.22750 (86010305)	10.29919 (86091214)	10.59200 (86071222)
643.0	15.46327 (86021817)	14.86023 (86062919)	12.96103 (86091214)	11.91924 (86053019)	11.61546 (86050919)
543.0	16.92617 (86022102)	16.17632 (86091214)	13.67637 (86053019)	13.73145 (86050919)	12.48710 (86110515)
443.0	18.96428 (86010305)	15.83355 (86050918)	16.18671 (86091224)	14.27803 (86072718)	13.65007 (86062220)
343.0	18.92420 (86050918)	19.20645 (86062907)	17.63582 (86021012)	15.13393 (86021809)	12.77176 (86021809)
243.0	22.31780 (86050919)	20.49708 (86022214)	18.22105 (86012521)	14.26337 (86091217)	15.12961 (86012109)
143.0	24.17804 (86033118)	19.60436 (86072519)	19.38485 (86012109)	15.49422 (86040807)	13.87519 (86040118)
43.0	25.12502 (86021918)	21.64051 (86081518)	19.47059 (86021808)	18.12624 (86022319)	16.44594 (86042807)
-57.0	26.33702 (86040806)	21.76869 (86032618)	20.32772 (86032618)	17.22819 (86080710)	14.55880 (86061519)
-157.0	26.05174 (86042903)	23.29707 (86042903)	20.27684 (86042903)	17.53557 (86042903)	15.22588 (86081508)
-257.0	25.06355 (86040809)	23.23819 (86073108)	20.31871 (86100617)	18.62691 (86072719)	16.63533 (86120206)
-357.0	24.49235 (86063007)	22.03226 (86072906)	20.75926 (86071619)	18.96195 (86062608)	14.89450 (86062608)
-457.0	22.17261 (86090416)	20.60591 (86100817)	19.23567 (86011217)	16.22283 (86072906)	14.72905 (86072906)
-557.0	22.08319 (86071519)	19.61335 (86092217)	16.91829 (86061819)	15.24358 (86100817)	14.91387 (86120207)
-657.0	20.49939 (86031309)	18.74158 (86033102)	16.02606 (86081819)	12.72664 (86071010)	12.70170 (86061819)
-757.0	19.03587 (86071617)	16.90020 (86100408)	16.85862 (86072714)	13.06984 (86031307)	11.78192 (86092217)
-857.0	16.31662 (86010420)	15.63406 (86071617)	13.66585 (86100408)	15.02792 (86033102)	10.96057 (86032721)
-957.0	15.57737 (86071708)	12.73530 (86061806)	14.78579 (86080708)	11.21326 (86100408)	13.23079 (86033102)
-1057.0	12.95796 (86040108)	14.53543 (86082406)	12.37053 (86121023)	13.10443 (86011908)	11.18806 (86102619)
-1157.0	11.08072 (86081119)	12.12378 (86071708)	11.61793 (86050803)	11.25826 (86012002)	12.07550 (86070403)
-1257.0	10.98249 (86092822)	11.42014 (86071805)	11.99333 (86010420)	12.27412 (86122919)	11.25415 (86081505)
-1357.0	11.62406 (86081806)	11.41138 (86082406)	12.23833 (86011208)	11.60388 (86102123)	10.39788 (86122920)

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1986 Met

11/23/99

*** Revised building height = 38'

06:10:19

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**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 2ND HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS) |	X-COORD (METERS)				
	1014.00	1114.00	1214.00	1314.00	1414.00
1043.0 |	11.09145 (86062422)	10.40817 (86052221)	10.13298 (86071222)	11.35065 (86042721)	11.16189 (86041822)
943.0 |	10.71686 (86052221)	10.41820 (86071222)	11.26854 (86042721)	11.59140 (86041822)	11.54205 (86080701)
843.0 |	10.07457 (86060802)	11.36378 (86063023)	11.58094 (86041822)	11.31312 (86080702)	11.49416 (86030523)
743.0 |	11.31291 (86063023)	11.34790 (86050101)	10.70130 (86020622)	11.34879 (86030523)	12.39452 (86041422)
643.0 |	11.17729 (86050101)	11.40426 (86081324)	11.27599 (86043022)	12.03926 (86032820)	12.56957 (86030724)
543.0 |	11.71076 (86022214)	11.72453 (86032820)	11.50263 (86041821)	11.01650 (86030602)	11.64788 (86033120)
443.0 |	12.38644 (86021809)	11.29432 (86030602)	11.30284 (86033120)	11.83824 (86033124)	10.92038 (86012920)
343.0 |	10.95442 (86082418)	11.84570 (86012109)	11.22198 (86063024)	11.87483 (86072302)	11.67865 (86041503)
243.0 |	11.22514 (86082418)	10.73944 (86040807)	11.16208 (86070105)	11.01060 (86072521)	11.58976 (86032420)
143.0 |	12.29947 (86040118)	12.60734 (86022319)	11.35043 (86022319)	11.58811 (86022001)	11.64895 (86012624)
43.0 |	13.59688 (86042807)	10.60800 (86040806)	10.13461 (86110602)	10.65429 (86071105)	10.81705 (86040622)
-57.0 |	13.17345 (86061519)	11.75366 (86061519)	10.43538 (86061519)	10.61345 (86061222)	10.83616 (86061104)
-157.0 |	13.29504 (86031914)	11.72953 (86031914)	10.46140 (86031914)	10.67933 (86090601)	10.80581 (86011424)
-257.0 |	14.63225 (86120206)	12.63129 (86120206)	10.99420 (86011220)	11.42820 (86020702)	11.31897 (86020702)
-357.0 |	13.18616 (86010303)	11.40213 (86072719)	11.52548 (86071722)	11.18656 (86092820)	10.89974 (86090602)
-457.0 |	14.27577 (86071619)	14.55558 (86062608)	12.57262 (86081706)	11.41249 (86040524)	10.71968 (86040121)
-557.0 |	12.11873 (86120207)	12.29352 (86120208)	10.86321 (86072906)	11.57271 (86032322)	11.57514 (86062802)
-657.0 |	11.43272 (86100817)	11.59690 (86120207)	11.22556 (86070922)	11.54167 (86061501)	11.18537 (86050922)
-757.0 |	10.51286 (86022403)	11.24455 (86042205)	11.34908 (86062704)	11.56898 (86062705)	11.62947 (86070922)
-857.0 |	10.79862 (86070423)	10.63079 (86061803)	11.18689 (86082321)	11.25767 (86042205)	11.50720 (86041601)
-957.0 |	11.78192 (86032721)	11.05511 (86063005)	12.47953 (86070323)	11.59383 (86081321)	10.66852 (86011506)
-1057.0 |	11.69133 (86033102)	11.48928 (86032721)	10.71001 (86020704)	11.33295 (86070323)	10.81639 (86032722)
-1157.0 |	11.31812 (86102619)	11.49450 (86080204)	10.70881 (86011922)	10.62119 (86032721)	10.48563 (86123003)
-1257.0 |	11.79092 (86070403)	11.23752 (86022804)	11.59655 (86080204)	11.21616 (86061502)	12.13957 (86032721)
-1357.0 |	11.51478 (86081505)	10.93510 (86070403)	10.97313 (86022804)	11.53754 (86080204)	10.53512 (86061502)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-986.00	-886.00	X-COORD (METERS) -786.00	-686.00	-586.00
1043.0	2.08004 (86082208)	2.34282c(86050708)	2.19063 (86082124)	3.27031 (86091108)	2.79100 (86021624)
943.0	2.61032 (86082208)	2.10343 (86082208)	2.53818c(86050708)	2.34238c(86031024)	3.22913 (86091108)
843.0	3.62344c(86052708)	2.83956 (86082208)	2.09040 (86082208)	2.59928c(86031024)	2.83942 (86091108)
743.0	2.90433c(86052708)	4.00379c(86052708)	3.10680 (86082208)	2.34618 (86051008)	3.14394c(86031024)
643.0	4.26078 (86051108)	3.25741 (86051108)	4.44819c(86052708)	3.41887 (86082208)	2.96793c(86031024)
543.0	3.52286c(86050708)	4.50819 (86051108)	4.01900 (86051108)	4.96257c(86052708)	3.85781 (86110424)
443.0	2.90259 (86120824)	3.51981c(86050708)	4.29172 (86051108)	4.94259 (86051108)	5.53301c(86052708)
343.0	3.57485 (86112324)	3.86794 (86112324)	3.62462 (86120824)	4.65686c(86050708)	5.80531 (86051108)
243.0	4.20451c(86110708)	4.24745c(86110708)	4.83605 (86112324)	5.40987 (86112324)	4.73255 (86120824)
143.0	2.62697c(86011808)	3.76723c(86110708)	5.48818c(86110708)	6.54375c(86110708)	7.06998 (86112324)
43.0	2.95336 (86102324)	3.21127 (86102324)	3.74215 (86120908)	4.19655 (86120908)	5.80010c(86110708)
-57.0	4.59564c(86061908)	4.79670c(86061908)	4.87374c(86061908)	5.13180 (86102324)	6.34958 (86102324)
-157.0	4.71256 (86020124)	4.93624 (86020124)	5.17061 (86020124)	5.42914 (86020124)	5.73310 (86060408)
-257.0	3.53805 (86101208)	4.14070 (86101208)	4.93395 (86101208)	5.90998 (86101208)	7.05458 (86101208)
-357.0	3.14422 (86101208)	3.69161 (86111516)	4.97784 (86111516)	6.05269 (86111516)	6.20036 (86111516)
-457.0	4.32667 (86091908)	4.80393 (86091908)	4.21644 (86091808)	5.87710c(86101224)	6.15994c(86101224)
-557.0	3.89076c(86101224)	4.62944c(86101224)	4.38224c(86101224)	4.58209 (86111916)	7.46480 (86121608)
-657.0	3.32937c(86101224)	3.55520 (86111916)	4.68729 (86121608)	6.13675 (86121608)	5.39582 (86121424)
-757.0	3.17486 (86121608)	4.46542 (86121608)	4.64043 (86121608)	5.01031 (86121424)	5.26155 (86121616)
-857.0	3.85668 (86121608)	4.11268 (86120624)	4.55898 (86121424)	4.33703 (86121616)	4.61195 (86121616)
-957.0	4.30784 (86120624)	4.15712 (86090308)	3.89533c(86060508)	3.90804 (86121616)	3.93678c(86020108)
-1057.0	4.30164c(86060508)	3.69540c(86060508)	3.36916 (86121616)	3.71841c(86020108)	4.56511 (86120108)
-1157.0	3.49496c(86060508)	3.27010 (86102308)	3.21172c(86020108)	3.59367 (86120108)	3.96145 (86120108)
-1257.0	3.18149 (86102308)	2.87192 (86041908)	3.99193c(86020108)	3.64155 (86120108)	2.95616c(86062408)
-1357.0	2.60807 (86091608)	4.22174c(86020108)	3.14901 (86120108)	3.12934c(86062408)	3.32156 (86123024)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-486.00	-386.00	X-COORD (METERS) -286.00	-186.00	-86.00
1043.0	2.83608c(86061024)	2.33905c(86100308)	3.90201c(86110908)	3.65092c(86092624)	4.12286 (86050624)
943.0	3.08872 (86021624)	2.42659c(86061024)	3.15650 (86082808)	3.73808c(86092624)	4.78364 (86050624)
843.0	3.39513 (86021624)	3.25633c(86061024)	2.55202 (86082808)	4.20516 (86020524)	5.52535 (86050624)
743.0	3.66708 (86091108)	3.80164 (86021624)	2.71564c(86051324)	4.38362 (86020524)	6.33771 (86050624)
643.0	3.68322c(86031024)	4.34107 (86021624)	3.70729c(86061024)	3.75924 (86082808)	6.94532 (86050624)
543.0	3.95719c(86031024)	3.89491c(86031024)	4.95482 (86021624)	3.43976 (86122916)	6.90620 (86050624)
443.0	4.86273 (86110424)	5.37832c(86031024)	5.95324 (86021624)	5.12554c(86051324)	6.86484 (86051024)
343.0	6.09543c(86052708)	6.28577 (86110424)	7.01842c(86031024)	6.97465 (86021624)	7.27269 (86051024)
243.0	6.09176 (86110816)	7.72736 (86050524)	8.19843 (86110424)	8.41383 (86021624)	7.27831 (86052916)
143.0	8.16519 (86112324)	6.38381 (86120824)	11.74840 (86110816)	10.70635 (86051008)	11.37569 (86051116)
43.0	9.88628c(86110708)	10.85536 (86112324)	12.99767 (86112324)	17.53681 (86110816)	15.96181 (86051008)
-57.0	7.77817 (86102324)	9.24057 (86102324)	11.20865 (86120816)	17.56172c(86110708)	20.78800 (86030916)
-157.0	7.03984 (86060408)	8.72250 (86060408)	10.67420 (86060408)	14.63182 (86101208)	20.67544 (86122308)
-257.0	8.10246 (86101208)	9.38441 (86111516)	10.46191 (86111516)	15.75289 (86113008)	16.07912 (86122224)
-357.0	6.89184 (86091808)	9.18633c(86101224)	13.14072 (86121608)	13.79619 (86121424)	17.39920 (86010816)
-457.0	6.99290 (86121608)	11.46086 (86121608)	10.95387 (86121424)	12.61734 (86111416)	15.28362 (86113024)
-557.0	7.45009 (86121608)	8.20436 (86121424)	8.57951 (86111416)	10.53034 (86120108)	12.31695 (86121916)
-657.0	6.50046 (86121616)	6.72962 (86121616)	10.16865 (86120108)	9.45812 (86113024)	7.39873 (86121916)
-757.0	5.56264 (86121616)	7.38109 (86120108)	5.39308 (86120108)	7.56598 (86113024)	6.64595 (86121124)
-857.0	5.11188 (86120108)	6.25367 (86120108)	6.04302 (86113024)	6.10153 (86121916)	7.24367 (86122908)
-957.0	5.61075 (86120108)	3.68297 (86123024)	5.29825 (86113024)	4.23854 (86121916)	7.06696 (86122908)
-1057.0	3.83297 (86120108)	4.16374 (86113024)	4.25733 (86121916)	3.78249c(86060308)	6.35442 (86122908)
-1157.0	3.53544 (86123024)	3.87847 (86113024)	3.59676 (86121916)	4.29786 (86082908)	5.52510 (86122908)
-1257.0	3.12621 (86113024)	3.93080c(86061708)	2.89439c(86030808)	4.50542 (86082908)	4.79084 (86122908)
-1357.0	3.00127 (86113024)	3.65110c(86092408)	3.19172c(86060108)	4.28334 (86082908)	4.57848 (86042408)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS) |	X-COORD (METERS)				
	14.00	114.00	214.00	314.00	414.00
1043.0 |	3.07822 (86100108)	5.78399c(86031108)	4.25075 (86022024)	2.82470 (86060824)	2.77122c(86072416)
943.0 |	3.18497 (86100108)	5.98669c(86031108)	4.55854 (86022024)	2.73297c(86072416)	2.98392c(86052924)
843.0 |	3.26881 (86100108)	6.15375c(86031108)	4.75304 (86022024)	3.37039c(86072416)	3.68243c(86052924)
743.0 |	3.80297 (86050624)	6.22109c(86031108)	4.71864 (86022024)	3.96215c(86072416)	4.01519 (86021824)
643.0 |	4.83437 (86050624)	6.73076 (86022024)	4.23106 (86022024)	4.38887c(86052924)	5.01127 (86021824)
543.0 |	6.39609 (86050624)	8.30902 (86022024)	4.61003 (86022016)	5.61695c(86052924)	5.47012 (86021824)
443.0 |	8.81243 (86050624)	10.23525 (86022024)	6.43667c(86061324)	7.21025 (86021824)	6.82038c(86022108)
343.0 |	12.62336 (86050624)	12.23708 (86022024)	7.56257c(86061324)	8.07774c(86041824)	9.06778c(86022108)
243.0 |	18.27325 (86050624)	13.13093 (86022024)	9.60342 (86021824)	9.65762c(86022108)	7.38525c(86022108)
143.0 |	23.41603 (86050624)	13.33431 (86022016)	12.73986c(86041824)	10.63170 (86022616)	8.61140 (86111708)
43.0 |	17.05532 (86021716)	18.25274 (86091116)	17.44850 (86022616)	15.91448 (86111708)	13.47131 (86111716)
-57.0 |	21.21441 (86031224)	22.47945 (86031916)	21.02560 (86030316)	13.55840c(86012916)	10.43907 (86111816)
-157.0 |	43.94957 (86122308)	14.14483 (86120216)	16.60115 (86112616)	16.94480 (86112616)	12.08992 (86112616)
-257.0 |	13.58053 (86101616)	24.98654 (86022824)	16.78072c(86011216)	17.78660 (86122416)	9.83959-(86102516)
-357.0 |	15.08535 (86120416)	20.71898 (86011024)	15.90069 (86012608)	11.60202 (86012624)	14.90740c(86011216)
-457.0 |	19.64168 (86122908)	15.32971 (86031924)	11.59582 (86050224)	9.10318c(86022524)	7.21304 (86012624)
-557.0 |	16.14498 (86122908)	12.68372 (86101508)	8.38588 (86080308)	8.51481 (86032124)	7.94220c(86022524)
-657.0 |	12.16652 (86122908)	9.29920 (86101508)	7.19532 (86011024)	7.07453 (86050224)	5.55122 (86012608)
-757.0 |	9.22103 (86122908)	6.80264 (86101508)	6.39019 (86050324)	5.84931c(86052124)	6.07903c(86010424)
-857.0 |	7.22425 (86122116)	6.21491c(86053108)	6.51325 (86050324)	5.86058 (86080308)	4.93915c(86020816)
-957.0 |	6.49878 (86122116)	6.01398 (86091308)	5.65656 (86050324)	4.61943 (86080308)	5.02347c(86071808)
-1057.0 |	5.79892 (86122116)	6.40073 (86091308)	4.70807 (86050324)	4.13769c(86080408)	4.48924 (86092208)
-1157.0 |	5.17336 (86122116)	6.57278 (86091308)	4.21774 (86011108)	4.73779c(86010524)	5.39036 (86092208)
-1257.0 |	5.02883c(86053108)	6.55863 (86091308)	4.24201 (86011108)	5.20035c(86010524)	4.39777 (86092208)
-1357.0 |	4.88061c(86053108)	6.45990 (86091308)	4.10265 (86011108)	4.69148 (86050324)	3.51728 (86081808)

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1986 Met
*** Revised building height = 38'

*** 11/23/99
*** 06:10:19
PAGE 22

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS) |	514.00	614.00	X-COORD (METERS) 714.00	814.00	914.00
1043.0 |	2.81570c(86052924)	2.80183 (86021824)	4.46743 (86012824)	3.54573c(86022108)	3.72400c(86080624)
943.0 |	3.17010 (86021824)	4.03426 (86012824)	3.51980c(86022108)	4.15251c(86022108)	3.12636c(86022108)
843.0 |	3.64191 (86021824)	4.29326 (86012824)	4.66107c(86022108)	3.90608c(86022108)	2.53378c(86022108)
743.0 |	4.04906 (86012824)	4.87983c(86022108)	4.89311c(86022108)	3.11989c(86022108)	3.20284c(86050924)
643.0 |	4.57258c(86022108)	6.01527c(86022108)	3.96252c(86022108)	3.61871c(86050924)	4.10309c(86050924)
543.0 |	6.91892c(86022108)	5.22759c(86022108)	4.14172c(86050924)	4.57566c(86050924)	3.72883 (86100424)
443.0 |	7.01709c(86022108)	4.80545c(86050924)	5.07284c(86050924)	3.47819 (86111708)	3.63421c(86030524)
343.0 |	5.70408c(86022108)	5.50299c(86050924)	4.75749 (86111708)	4.61205 (86020624)	4.49170 (86030324)
243.0 |	6.19753 (86062524)	6.35343 (86111708)	5.68716 (86122324)	4.78800 (86111716)	4.43599c(86032424)
143.0 |	8.33043 (86122324)	7.59328 (86111716)	6.27952 (86040808)	6.08572 (86040808)	4.55878 (86040808)
43.0 |	9.51916 (86040808)	7.24037 (86040808)	5.33673 (86120924)	4.39992c(86081524)	3.87043c(86081524)
-57.0 |	6.86869 (86111816)	5.15716 (86022116)	4.19859 (86122408)	3.34385 (86122408)	2.88898 (86100524)
-157.0 |	8.72261 (86112616)	6.54566 (86112616)	5.39700 (86121808)	4.54195 (86121808)	3.86013 (86121808)
-257.0 |	9.42236 (86121808)	7.54929 (86121808)	6.21903c(86072724)	5.24443c(86072724)	4.18720c(86072724)
-357.0 |	10.18733 (86122416)	5.83780 (86122416)	5.00453 (86121808)	5.36900 (86121808)	4.83685 (86121808)
-457.0 |	7.68007c(86011216)	9.04904c(86011216)	6.04083 (86122416)	5.10194c(86120208)	3.62951c(86120208)
-557.0 |	6.93788 (86040208)	4.60314 (86012624)	6.02755c(86011216)	5.84746c(86011216)	4.03752c(86011216)
-657.0 |	6.50590c(86022524)	6.33979 (86040208)	3.56376 (86012624)	4.49427c(86022408)	4.57336c(86011216)
-757.0 |	4.23092c(86040708)	5.35333c(86022524)	5.65634 (86040208)	3.27981 (86040208)	3.28205c(86022408)
-857.0 |	5.46772 (86080124)	4.47333c(86040708)	4.46688c(86022524)	5.05141 (86040208)	3.16028 (86040208)
-957.0 |	5.02946c(86010424)	4.38039c(86012724)	4.34926c(86040708)	4.13365c(86072908)	4.55429 (86040208)
-1057.0 |	3.84505c(86080508)	4.97350 (86080124)	3.76827c(86012724)	4.01896c(86040708)	3.95023c(86072908)
-1157.0 |	5.00937c(86071808)	4.27494c(86010424)	4.25376 (86122924)	3.32098c(86012724)	3.62081c(86040708)
-1257.0 |	4.76201c(86032408)	4.05616c(86080508)	4.20161 (86080124)	4.78281 (86122924)	3.19107c(86012724)
-1357.0 |	4.74762 (86092208)	4.81276c(86071808)	3.69859c(86010424)	4.13563 (86080124)	3.94167 (86122924)

**MODELOPTs: CONC

RURAL FLAT

DEFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS) |	X-COORD (METERS)				
	1014.00	1114.00	1214.00	1314.00	1414.00
1043.0 |	2.80680c(86040224)	2.20564c(86071224)	2.93409 (86091208)	2.95751 (86060624)	3.62819 (86060624)
943.0 |	2.27584 (86022616)	2.99471 (86091208)	3.13130 (86060624)	3.78973 (86060624)	3.60130c(86080708)
843.0 |	3.04115c(86071224)	3.31667c(86050924)	3.87265 (86060624)	3.74191c(86080708)	3.92248c(86030524)
743.0 |	3.68283c(86050924)	3.81053 (86060624)	3.51313c(86080708)	4.13165c(86030524)	3.19138 (86020624)
643.0 |	3.83537 (86100424)	3.48550c(86030524)	3.82253c(86030524)	3.74919 (86020624)	3.53392 (86020624)
543.0 |	3.92638c(86030524)	3.82895 (86020624)	4.02565 (86020624)	3.47168 (86030324)	4.09448c(86033124)
443.0 |	4.50615 (86020624)	3.93781 (86030324)	4.03027c(86033124)	4.81943c(86041324)	4.01141c(86032424)
343.0 |	3.83576c(86033124)	4.66392c(86041324)	3.75222c(86032424)	3.43670 (86040808)	3.20699c(86070108)
243.0 |	4.59022 (86040808)	4.08572 (86040808)	3.17905 (86040808)	2.96100 (86091224)	2.91682c(86072224)
143.0 |	3.66693 (86021808)	3.25615c(86072224)	3.29015c(86072224)	2.89457c(86081524)	2.75741c(86081524)
43.0 |	3.24754 (86011824)	3.11409 (86011824)	2.68387 (86011824)	2.54584c(86062624)	2.64505c(86062624)
-57.0 |	3.45859 (86100524)	3.66301 (86100524)	3.59816 (86100524)	3.38105 (86100524)	3.08711 (86100524)
-157.0 |	3.31901 (86121808)	3.16456 (86042824)	3.02278 (86042824)	2.88401 (86042824)	2.75163 (86042824)
-257.0 |	3.39064 (86011224)	3.72036 (86011224)	3.79104 (86011224)	3.70887 (86011224)	3.54433 (86011224)
-357.0 |	4.04130 (86121808)	3.32530 (86121808)	3.03738c(86072724)	3.11173c(86011508)	3.15476c(86011508)
-457.0 |	2.97761 (86121808)	3.23584 (86121808)	3.15701 (86121808)	2.90751c(86062608)	2.98732c(86062608)
-557.0 |	3.96927c(86120208)	3.30269c(86120208)	2.76590c(86032624)	2.40035 (86081708)	2.17989 (86121808)
-657.0 |	4.17126c(86011216)	4.54465c(86062708)	3.09875c(86120208)	2.81134c(86120208)	2.78670c(86042808)
-757.0 |	5.16054c(86022408)	3.56950c(86011216)	3.84482c(86062708)	4.85640c(86062708)	3.46021c(86062708)
-857.0 |	2.92938 (86081708)	4.57783c(86022408)	4.58428c(86022408)	2.89358c(86011216)	4.09250c(86062708)
-957.0 |	2.96474 (86040208)	2.58390 (86081708)	3.43005 (86071908)	4.99313c(86022408)	3.68870c(86022408)
-1057.0 |	4.13678 (86040208)	2.76206 (86040208)	2.70008 (86080108)	2.99460 (86071908)	4.27489c(86022408)
-1157.0 |	3.76695c(86072908)	3.78212 (86040208)	2.57638 (86040208)	2.94953 (86080108)	2.53286 (86081708)
-1257.0 |	3.22273c(86040708)	3.58784c(86072908)	3.47745 (86040208)	2.41353 (86040208)	2.99110 (86080108)
-1357.0 |	3.12491c(86012724)	2.87270c(86022524)	3.41571c(86072908)	3.21322 (86040208)	2.27241 (86040208)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 2ND HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-986.00	-886.00	X-COORD (METERS) -786.00	-686.00	-586.00
1043.0	1.98860 (86031724)	1.77765c(86031024)	2.11666c(86031024)	1.90473 (86021624)	2.22466 (86110824)
943.0	2.30588c(86052708)	1.92831 (86110424)	2.14021c(86031024)	2.20197c(86082624)	2.57414 (86021624)
843.0	2.89351 (86031808)	2.46673c(86052708)	2.05250 (86110424)	2.51265c(86050708)	2.42716c(86031024)
743.0	2.79220 (86031808)	3.18200 (86031808)	2.68946 (86110424)	2.32081c(86031024)	2.50925c(86082624)
643.0	2.75489 (86110816)	3.04177 (86110816)	3.54815 (86031808)	3.17525 (86110424)	2.73775 (86051008)
543.0	2.58704 (86051108)	3.21916c(86050708)	3.69151 (86110816)	4.02076 (86031808)	3.77638 (86082208)
443.0	2.87156c(86102608)	3.04470 (86120824)	4.03846c(86050708)	4.52218 (86110816)	4.64323 (86031808)
343.0	2.89151 (86112424)	3.15223 (86112424)	3.57989 (86112324)	3.65129 (86120824)	5.49485 (86110816)
243.0	3.51609 (86112324)	4.08407 (86112324)	3.87499 (86112424)	4.40454 (86112424)	4.63969 (86112324)
143.0	2.58200 (86120816)	3.36799c(86011808)	4.13721 (86112324)	5.42832 (86112324)	5.80973c(86110708)
43.0	2.52346 (86120908)	3.11054 (86120908)	3.50502 (86102324)	3.86008 (86120816)	5.39137 (86120816)
-57.0	3.60125 (86020124)	3.44786 (86020124)	4.14788 (86102324)	4.74453c(86061908)	4.77298 (86112408)
-157.0	3.97279 (86030908)	3.93258 (86030908)	4.03466c(86010624)	4.74137 (86060408)	5.70900 (86020124)
-257.0	3.25659c(86010624)	3.30878 (86101124)	3.90000 (86121624)	4.78485 (86121624)	5.78373 (86121624)
-357.0	3.11200 (86121624)	3.36274 (86121624)	3.68910 (86111924)	4.38020 (86111924)	5.32654 (86120724)
-457.0	3.73693 (86111516)	3.67575 (86111516)	4.07342c(86020924)	5.34972c(86020924)	5.02400 (86111916)
-557.0	3.69489c(86020924)	4.11799c(86020924)	3.84640 (86111916)	4.28014 (86110108)	5.35014 (86122224)
-657.0	3.01383 (86111916)	3.03894 (86122216)	3.63872c(86011708)	3.94861 (86122224)	4.70711 (86121608)
-757.0	3.00923c(86011708)	4.23188c(86011708)	3.67704 (86102008)	4.33090 (86120624)	5.00849 (86121424)
-857.0	3.52120c(86011708)	3.47169 (86121608)	4.16981 (86090308)	4.09008 (86121424)	3.76599 (86083016)
-957.0	3.61804c(86013108)	4.10424 (86121424)	3.68037 (86121616)	3.32608 (86010924)	3.84295 (86111416)
-1057.0	3.92437 (86090308)	3.17005 (86121616)	3.30743 (86102308)	3.40101 (86041908)	3.15180 (86111416)
-1157.0	3.16270c(86070808)	2.94320 (86010924)	3.20444 (86041908)	3.40895c(86020108)	2.83527c(86062408)
-1257.0	2.76098 (86010924)	2.75243 (86091608)	2.82052 (86120108)	2.55428c(86092308)	2.56082 (86123024)
-1357.0	2.52817 (86041908)	3.04836 (86041908)	3.14588c(86013108)	2.80834 (86120108)	3.30254 (86081208)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 2ND HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-486.00	-386.00	X-COORD (METERS) -286.00	-186.00	-86.00
1043.0	2.23062 (86110824)	2.25641c(86080924)	3.33034 (86020524)	3.22536 (86050624)	3.21787c(86022124)
943.0	2.49218c(86061024)	2.38451c(86110624)	3.15250c(86110908)	3.36780 (86020524)	3.19705c(86052424)
843.0	2.38307 (86110824)	2.63362c(86051324)	2.27922c(86080924)	3.27892 (86092424)	3.49461c(86052424)
743.0	3.06353 (86021624)	2.89907c(86061024)	2.68475 (86122916)	3.75064 (86082808)	3.79057c(86052424)
643.0	2.80054c(86082624)	2.62982 (86091108)	3.56308c(86051324)	3.55707 (86020524)	4.10331 (86051024)
543.0	3.27983 (86110716)	3.77111 (86021624)	3.92881c(86051324)	3.43440 (86021716)	5.45540 (86051024)
443.0	4.16560 (86082208)	4.18891 (86110716)	3.70667 (86031824)	4.86226 (86122916)	6.03909 (86021716)
343.0	5.71566 (86050524)	5.21594 (86031124)	5.19655 (86110716)	6.31132c(86051324)	7.11462 (86021716)
243.0	5.98766 (86051108)	7.51190 (86110816)	6.85363 (86031124)	6.94544c(86031024)	7.04020 (86021716)
143.0	6.73829 (86112424)	6.34527c(86050708)	10.47820 (86050524)	10.08647 (86110716)	10.97611c(86051324)
43.0	7.01951 (86102216)	10.58053c(86110708)	11.68929 (86112416)	13.56388 (86031216)	15.55466 (86031816)
-57.0	5.40369 (86120908)	7.79406 (86120908)	10.06500 (86102324)	16.50534 (86102216)	17.32794 (86032916)
-157.0	6.04389 (86020124)	7.68587 (86101208)	10.57220 (86101208)	12.73171 (86122308)	17.05866 (86101208)
-257.0	6.80476 (86122308)	8.27460 (86101208)	8.26260 (86113008)	13.47316 (86122224)	15.17975 (86101916)
-357.0	6.81546c(86101224)	8.29405 (86113008)	12.30604 (86122224)	11.27248 (86110116)	14.69211 (86120108)
-457.0	6.68092 (86122224)	7.91321 (86122224)	9.86522 (86121616)	10.74156 (86120108)	11.67551 (86121916)
-557.0	5.50269 (86121424)	8.09753 (86121616)	7.99391 (86121616)	6.98694 (86083108)	10.11953 (86113024)
-657.0	6.30977 (86121424)	6.10251 (86083016)	6.58473 (86111416)	6.82709 (86121916)	5.91529 (86010716)
-757.0	4.76857 (86083016)	5.88370 (86111416)	4.75528 (86082108)	7.23563 (86121916)	6.62891 (86010716)
-857.0	4.80513 (86111416)	3.80198 (86082108)	4.46763 (86121416)	5.16546 (86101008)	6.20916 (86010716)
-957.0	3.30581 (86111416)	3.61702 (86113024)	4.61389 (86101008)	3.55929 (86101008)	5.50092 (86010716)
-1057.0	2.96474c(86062408)	3.15663 (86121416)	4.14242c(86061708)	3.61165 (86121124)	5.42193c(86072324)
-1157.0	3.42625 (86081208)	3.30253 (86101008)	3.42693c(86061708)	3.64202c(86060308)	5.01755 (86112124)
-1257.0	2.84368c(86070508)	3.42135 (86102108)	2.78111 (86121916)	3.78568 (86112124)	4.60269 (86112124)
-1357.0	2.63652 (86102108)	3.60967c(86061708)	2.91823c(86102208)	4.18443 (86112124)	4.15164 (86122908)

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1986 Met
*** Revised building height = 38'

*** 11/23/99
*** 06:10:19
*** PAGE 26

**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE 2ND HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS) |	14.00	114.00	X-COORD (METERS) 214.00	314.00	414.00
1043.0 |	2.80732c(86092508)	3.51443 (86052324)	2.72407 (86060824)	2.30305 (86022024)	2.46933c(86061324)
943.0 |	2.95545 (86051124)	3.84613 (86022024)	3.21515 (86060824)	2.60451 (86060824)	2.70545c(86072416)
843.0 |	3.15142 (86051124)	4.54681 (86022024)	3.70282 (86060824)	3.10393c(86061324)	2.99317 (86060908)
743.0 |	3.39927 (86051124)	5.49829 (86022024)	4.04928 (86060824)	3.75646c(86061324)	3.79597c(86052924)
643.0 |	3.71671 (86051124)	6.15668c(86031108)	4.11967 (86060824)	4.13630c(86072416)	4.45908 (86102508)
543.0 |	4.13099 (86051124)	5.89095c(86031108)	4.31475c(86072416)	4.91494 (86021824)	5.18858c(86041824)
443.0 |	5.20494c(86052424)	6.08607c(86060916)	6.12665c(86072416)	6.28400 (86102508)	5.82361c(86041824)
343.0 |	6.68596c(86052424)	7.29625c(86060916)	7.11838c(86072416)	7.85545 (86021824)	5.64280c(86042624)
243.0 |	8.66224c(86052424)	9.39538 (86100116)	8.82026 (86102508)	8.33621c(86053124)	6.71969 (86022616)
143.0 |	12.74599 (86021716)	12.60372 (86100116)	10.09412 (86021824)	9.19364c(86022108)	7.44326 (86062524)
43.0 |	17.04681 (86051024)	14.63384c(86042616)	11.65988c(86012216)	11.40776 (86030316)	12.32411 (86111724)
-57.0 |	20.46755 (86082216)	18.25262 (86070116)	17.74448 (86111716)	12.59704 (86020616)	10.16619 (86120924)
-157.0 |	16.02459 (86101208)	13.61876 (86112616)	11.30890 (86111816)	10.79503 (86111808)	8.76008 (86121808)
-257.0 |	12.12337 (86032816)	19.51471 (86030116)	15.22098 (86022716)	11.58335c(86011216)	8.40551 (86121808)
-357.0 |	13.79087c(86010116)	17.95906 (86081816)	13.35464 (86032124)	11.13483 (86022716)	7.31379 (86022724)
-457.0 |	15.52557 (86010716)	15.29541 (86101508)	11.50944c(86052124)	8.70938 (86012608)	7.00003 (86012708)
-557.0 |	12.76726 (86010716)	10.65065 (86031924)	8.11010c(86052124)	7.63572 (86080124)	6.34434c(86040708)
-657.0 |	9.72636 (86010716)	8.18752 (86111308)	6.88010 (86080308)	7.01155c(86020816)	5.50952 (86080124)
-757.0 |	7.85063 (86122116)	6.55315 (86122116)	6.23090 (86011024)	5.25637 (86052024)	5.37193 (86080124)
-857.0 |	7.15522 (86122908)	6.12964 (86122116)	5.21551 (86121924)	5.11925 (86092208)	4.86574 (86050224)
-957.0 |	5.69159 (86122908)	5.91489c(86053108)	4.37502 (86121924)	4.11774 (86092208)	4.47066c(86032408)
-1057.0 |	5.07861c(86053108)	5.54723c(86053108)	4.03683 (86101508)	4.04064 (86091324)	4.45381 (86052024)
-1157.0 |	5.12168c(86053108)	5.22775 (86102024)	3.86749 (86050324)	4.70403 (86050324)	4.42710 (86080308)
-1257.0 |	4.67524 (86122116)	5.29913 (86102024)	3.72953 (86101424)	4.95891 (86050324)	3.55443 (86080308)
-1357.0 |	4.27581 (86091308)	5.26200 (86102024)	3.85591 (86101424)	4.48827c(86010524)	3.32127 (86041008)

**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE 2ND HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	514.00	614.00	X-COORD (METERS) 714.00	814.00	914.00
1043.0	2.78162 (86060908)	2.69878 (86102508)	2.76604c(86080824)	2.65136c(86042524)	3.55894c(86022108)
943.0	2.73167 (86102508)	2.98959 (86021824)	3.00189 (86043024)	3.14566c(86080624)	3.12037c(86080624)
843.0	3.36405 (86102508)	3.30338c(86080824)	2.47066c(86042524)	3.75888c(86080624)	2.49183 (86063024)
743.0	3.91927 (86021824)	3.14037c(86042524)	4.07762c(86080624)	2.88599c(86060524)	3.12693c(86071224)
643.0	4.23325c(86041824)	3.52922c(86080624)	3.36703c(86060524)	3.18523c(86071224)	3.66908 (86060624)
543.0	3.89218c(86053124)	3.82636 (86070824)	3.56633c(86022108)	3.81059 (86060624)	3.26279c(86080708)
443.0	4.53454 (86070824)	4.45652c(86022108)	3.88385 (86062524)	3.36556 (86100424)	3.59065 (86020624)
343.0	5.63346c(86050924)	4.90133 (86062524)	3.39103 (86111724)	4.39693 (86122324)	4.39346 (86020624)
243.0	5.64359c(86050924)	5.14102 (86122324)	5.59857 (86111724)	4.61410 (86111724)	4.26303 (86040808)
143.0	8.14915 (86111724)	7.24750 (86111724)	5.01464 (86122324)	4.10013c(86021924)	3.82977 (86021808)
43.0	7.85642 (86122324)	5.92516 (86120924)	4.98247 (86021808)	4.17533 (86120924)	3.32673 (86040808)
-57.0	6.03647 (86061724)	5.13486 (86122408)	4.14615 (86022116)	3.26636 (86022116)	2.81820 (86070208)
-157.0	7.66273 (86121808)	6.44929 (86121808)	5.08241 (86112616)	4.06013 (86112616)	3.39526 (86042824)
-257.0	5.43817 (86040816)	6.46155c(86072724)	5.71816 (86121808)	4.42652 (86121808)	3.55690 (86121808)
-357.0	8.68350c(86011216)	5.81364c(86120208)	4.74441 (86102516)	3.49477c(86062608)	3.54005c(86062608)
-457.0	5.05506 (86012624)	5.45603 (86030408)	5.71448c(86011216)	4.39931 (86122416)	3.07047 (86102516)
-557.0	4.94328 (86012708)	3.92259 (86050908)	4.32045c(86022408)	4.13006 (86030408)	4.02222 (86122416)
-657.0	5.22736c(86040708)	3.93961c(86072908)	3.24867 (86122516)	3.67585c(86011216)	3.79612c(86022408)
-757.0	3.94790 (86012608)	4.40317c(86072908)	3.42781c(86072908)	3.10533 (86080108)	3.27789 (86071908)
-857.0	5.15013c(86010424)	3.89109c(86022524)	4.29971c(86072908)	3.10494c(86072908)	3.14566 (86080108)
-957.0	4.14125c(86020816)	3.99008 (86122924)	3.81344c(86022524)	3.78641 (86040208)	2.88341c(86072908)
-1057.0	3.70426 (86030108)	4.37787c(86010424)	2.97943 (86122924)	3.63586c(86022524)	3.52637 (86040208)
-1157.0	4.11762 (86092208)	3.22856 (86030108)	4.17563 (86080124)	2.59697c(86040708)	3.39264c(86022524)
-1257.0	4.35863c(86071808)	3.54080c(86071808)	3.80439c(86010424)	4.00983c(86012724)	2.75908c(86040708)
-1357.0	4.71282c(86043008)	4.18490 (86092208)	3.23429c(86080508)	3.85826c(86050808)	3.55947c(86012724)

**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE 2ND HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS) |	X-COORD (METERS)				
	1014.00	1114.00	1214.00	1314.00	1414.00
1043.0 |	2.66363c(86060524)	2.12144 (86022616)	2.83066c(86071224)	2.72663c(86050924)	2.96891 (86100424)
943.0 |	2.23206c(86040224)	2.93964c(86071224)	3.00001c(86050924)	3.25330 (86100424)	2.99858 (86100424)
843.0 |	3.02368 (86091208)	3.31266 (86060624)	3.52382 (86100424)	2.81416 (86100424)	2.35622 (86081424)
743.0 |	3.49571 (86060624)	3.73944 (86100424)	2.78831c(86030524)	2.59066 (86020624)	3.06514c(86030524)
643.0 |	3.51703 (86060624)	2.80877c(86080708)	3.08285 (86020624)	2.90670 (86100424)	3.37293 (86030308)
543.0 |	2.94005 (86020624)	3.15432 (86100424)	3.66780 (86030308)	3.15176 (86030308)	3.55522c(86041324)
443.0 |	3.73727 (86030308)	3.68828 (86030308)	3.49758c(86041324)	4.00279c(86032424)	3.43522c(86041324)
343.0 |	3.82024 (86030324)	4.29516c(86032424)	3.48862 (86040808)	3.20331c(86070108)	2.98798 (86040808)
243.0 |	3.31634c(86021924)	3.06223c(86021924)	3.07674 (86091224)	2.93995c(86070108)	2.61283 (86091224)
143.0 |	3.57653 (86091224)	2.99134 (86030324)	2.86599c(86081524)	2.63106 (86040124)	2.56634 (86011824)
43.0 |	3.13376c(86081524)	2.65372 (86040808)	2.47399c(86062624)	2.37080 (86061208)	2.58451 (86040624)
-57.0 |	2.43391 (86070208)	2.14667 (86070208)	2.18569c(86061224)	2.21330c(86061224)	2.18620c(86061224)
-157.0 |	3.29402 (86042824)	2.90063 (86121808)	2.56701 (86121808)	2.33718 (86042908)	2.16593 (86042908)
-257.0 |	3.28248c(86072724)	3.54052c(86071424)	3.52488c(86071424)	3.30495c(86071424)	2.98214c(86071424)
-357.0 |	3.32474c(86062608)	3.06223c(86072724)	2.74891 (86121808)	2.85589c(86072724)	2.59731c(86072724)
-457.0 |	2.77636 (86081708)	2.58567c(86062608)	2.71517c(86062608)	2.88430 (86121808)	2.54571 (86121808)
-557.0 |	3.38608 (86122416)	2.93040c(86042808)	2.72998 (86081708)	2.16663c(86032624)	1.92936c(86062808)
-657.0 |	3.35038c(86062708)	3.07639c(86011216)	2.79169c(86062708)	2.72142c(86042808)	2.71666c(86032624)
-757.0 |	3.57853 (86082324)	2.87082c(86022408)	3.19165c(86011216)	2.47361c(86011216)	2.46523c(86120208)
-857.0 |	2.82763 (86082408)	3.14303 (86071908)	3.10796 (86082324)	2.15198c(86022408)	2.57916c(86011216)
-957.0 |	2.91032 (86080108)	2.48968 (86082408)	3.37614c(86022408)	3.10251 (86082324)	2.50729 (86082324)
-1057.0 |	2.71844c(86072908)	2.55098 (86080108)	2.22477 (86082408)	2.86678 (86082408)	2.95653 (86071908)
-1157.0 |	3.28927 (86040208)	2.58869c(86072908)	2.16913 (86080108)	1.98148 (86082408)	2.50051 (86082408)
-1257.0 |	3.12918c(86022524)	3.07334 (86040208)	2.48110c(86072908)	1.81591 (86080108)	2.02510c(86031424)
-1357.0 |	2.79323c(86040708)	2.85654c(86040708)	2.87672 (86040208)	2.38809c(86072908)	1.61332 (86061808)

**MODELOPTS: CONC

RURAL FLAT DFAULT

*** THE MAXIMUM 50 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

** CONC OF CO IN MICROGRAMS/M**3 **

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR, YR)	OF TYPE	RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR, YR)	OF TYPE		
1.	73.59131	(86120213)	AT (	114.00,	-157.00)	GC	26.	51.32538	(86020610)	AT (	114.00,	-57.00)	GC
2.	69.33500	(86122304)	AT (	14.00,	-157.00)	GC	27.	51.19414	(86042214)	AT (	114.00,	-257.00)	GC
3.	67.78091	(86122407)	AT (	114.00,	-157.00)	GC	28.	51.18913	(86042210)	AT (	114.00,	-257.00)	GC
4.	65.42932	(86101208)	AT (	14.00,	-157.00)	GC	29.	51.06103	(86070214)	AT (	114.00,	-157.00)	GC
5.	65.30582	(86082920)	AT (	14.00,	-157.00)	GC	30.	50.88527	(86030716)	AT (	114.00,	-57.00)	GC
6.	62.69495	(86122303)	AT (	14.00,	-157.00)	GC	31.	50.88188	(86081709)	AT (	114.00,	-257.00)	GC
7.	62.44741	(86020604)	AT (	114.00,	-157.00)	GC	32.	50.82994	(86031219)	AT (	14.00,	-57.00)	GC
8.	60.83948	(86082907)	AT (	14.00,	-457.00)	GC	33.	50.71466	(86102418)	AT (	14.00,	-57.00)	GC
9.	60.29267	(86041613)	AT (	114.00,	-157.00)	GC	34.	50.58651	(86031216)	AT (	14.00,	-57.00)	GC
10.	60.27198	(86011914)	AT (	114.00,	-157.00)	GC	35.	50.57833	(86031823)	AT (	14.00,	-57.00)	GC
11.	60.06044	(86101206)	AT (	14.00,	-157.00)	GC	36.	50.34672	(86020408)	AT (	-286.00,	43.00)	GC
12.	57.98586	(86101122)	AT (	14.00,	-157.00)	GC	37.	50.14067	(86040115)	AT (	114.00,	-57.00)	GC
13.	57.86762	(86030310)	AT (	114.00,	-157.00)	GC	38.	49.91833	(86011911)	AT (	114.00,	-257.00)	GC
14.	56.65923	(86122301)	AT (	14.00,	-157.00)	GC	39.	49.76231	(86021103)	AT (	114.00,	-257.00)	GC
15.	55.92331	(86112611)	AT (	114.00,	-157.00)	GC	40.	49.74503	(86080309)	AT (	114.00,	-257.00)	GC
16.	55.77250	(86122305)	AT (	14.00,	-157.00)	GC	41.	49.68039	(86071016)	AT (	114.00,	-57.00)	GC
17.	53.16628	(86031912)	AT (	114.00,	-57.00)	GC	42.	49.65118	(86022217)	AT (	114.00,	-257.00)	GC
18.	53.08479	(86093013)	AT (	14.00,	-57.00)	GC	43.	49.58723	(86050217)	AT (	114.00,	-257.00)	GC
19.	52.80926	(86112515)	AT (	14.00,	-57.00)	GC	44.	49.55629	(86051715)	AT (	14.00,	-57.00)	GC
20.	52.58432	(86082214)	AT (	14.00,	-57.00)	GC	45.	49.45981	(86051516)	AT (	14.00,	-57.00)	GC
21.	52.22449	(86051809)	AT (	14.00,	-57.00)	GC	46.	49.44517	(86070115)	AT (	114.00,	-57.00)	GC
22.	51.82823	(86073018)	AT (	114.00,	-257.00)	GC	47.	49.44217	(86112007)	AT (	114.00,	-57.00)	GC
23.	51.62922	(86090915)	AT (	14.00,	-57.00)	GC	48.	49.42500	(86111303)	AT (	114.00,	-257.00)	GC
24.	51.52280	(86112008)	AT (	114.00,	-57.00)	GC	49.	49.42500	(86121215)	AT (	114.00,	-257.00)	GC
25.	51.40981	(86020608)	AT (	114.00,	-57.00)	GC	50.	49.40443	(86030110)	AT (	114.00,	-257.00)	GC

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

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1986 Met
*** Revised building height = '38'

*** 11/23/99
*** 06:10:19
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**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE MAXIMUM 50 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): 1207 , GEN03 ,

** CONC OF CO IN MICROGRAMS/M**3 **

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR, YR)	OF TYPE	RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR, YR)	OF TYPE		
1.	43.94957	(86122308)	AT (	14.00,	-157.00)	GC	26.	17.44850	(86022616)	AT (	214.00,	43.00)	GC
2.	24.98654	(86022824)	AT (	114.00,	-257.00)	GC	27.	17.39920	(86010816)	AT (	-86.00,	-357.00)	GC
3.	23.41603	(86050624)	AT (	14.00,	143.00)	GC	28.	17.32794	(86032916)	AT (	-86.00,	-57.00)	GC
4.	22.47945	(86031916)	AT (	114.00,	-57.00)	GC	29.	17.23781	(86111708)	AT (	214.00,	-57.00)	GC
5.	21.21441	(86031224)	AT (	14.00,	-57.00)	GC	30.	17.09290	(86032116)	AT (	114.00,	-257.00)	GC
6.	21.02560	(86030316)	AT (	214.00,	-57.00)	GC	31.	17.05866	(86101208)	AT (	-86.00,	-157.00)	GC
7.	20.78800	(86030916)	AT (	-86.00,	-57.00)	GC	32.	17.05532	(86021716)	AT (	14.00,	43.00)	GC
8.	20.71898	(86011024)	AT (	114.00,	-357.00)	GC	33.	17.04681	(86051024)	AT (	14.00,	43.00)	GC
9.	20.67544	(86122308)	AT (	-86.00,	-157.00)	GC	34.	17.00236	(86010516)	AT (	114.00,	-357.00)	GC
10.	20.46755	(86082216)	AT (	14.00,	-57.00)	GC	35.	16.94480	(86112616)	AT (	314.00,	-157.00)	GC
11.	19.98962	(86031824)	AT (	14.00,	-57.00)	GC	36.	16.81748	(86042116)	AT (	214.00,	-57.00)	GC
12.	19.64168	(86122908)	AT (	14.00,	-457.00)	GC	37.	16.78072c	(86011216)	AT (	214.00,	-257.00)	GC
13.	19.51471	(86030116)	AT (	114.00,	-257.00)	GC	38.	16.65559	(86051016)	AT (	-86.00,	-57.00)	GC
14.	18.53120	(86051316)	AT (	14.00,	-57.00)	GC	39.	16.60115	(86112616)	AT (	214.00,	-157.00)	GC
15.	18.27325	(86050624)	AT (	14.00,	243.00)	GC	40.	16.50534	(86102216)	AT (	-186.00,	-57.00)	GC
16.	18.25274	(86091116)	AT (	114.00,	43.00)	GC	41.	16.33220	(86010508)	AT (	114.00,	-257.00)	GC
17.	18.25262	(86070116)	AT (	114.00,	-57.00)	GC	42.	16.27135	(86022224)	AT (	114.00,	-357.00)	GC
18.	18.12564	(86112516)	AT (	14.00,	-57.00)	GC	43.	16.14498	(86122908)	AT (	14.00,	-557.00)	GC
19.	17.95906	(86081816)	AT (	114.00,	-357.00)	GC	44.	16.07912	(86122224)	AT (	-86.00,	-257.00)	GC
20.	17.85762	(86021116)	AT (	114.00,	-257.00)	GC	45.	16.02459	(86101208)	AT (	14.00,	-157.00)	GC
21.	17.82079	(86021108)	AT (	114.00,	-257.00)	GC	46.	16.01416	(86031924)	AT (	114.00,	-357.00)	GC
22.	17.78660	(86122416)	AT (	314.00,	-257.00)	GC	47.	15.96181	(86051008)	AT (	-86.00,	43.00)	GC
23.	17.74448	(86111716)	AT (	214.00,	-57.00)	GC	48.	15.91448	(86111708)	AT (	314.00,	43.00)	GC
24.	17.56172c	(86110708)	AT (	-186.00,	-57.00)	GC	49.	15.90069	(86012608)	AT (	214.00,	-357.00)	GC
25.	17.53681	(86110816)	AT (	-186.00,	43.00)	GC	50.	15.75289	(86113008)	AT (	-186.00,	-257.00)	GC

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

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1986 Met
*** Revised building height = 38'

*** 11/23/99
*** 06:10:19
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**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	73.59131 ON 86120213: AT (	114.00, -157.00, 0.00,	0.00) GC	100METER
	HIGH 2ND HIGH VALUE IS	67.78091 ON 86122407: AT (	114.00, -157.00, 0.00,	0.00) GC	100METER

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

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1986 Met
*** Revised building height = 38'

*** 11/23/99
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**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	43.94957 ON 86122308: AT (	14.00, -157.00, 0.00,	0.00) GC	100METER
	HIGH 2ND HIGH VALUE IS	20.46755 ON 86082216: AT (	14.00, -57.00, 0.00,	0.00) GC	100METER

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

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1986 Met
*** Revised building height = 38'

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**MODELOPTs: CONC

RURAL FLAT

DEFAULT

*** Message Summary : ISCST3 Model Execution ***

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

A Total of 0 Fatal Error Message(s)
A Total of 0 Warning Message(s)
A Total of 894 Informational Message(s)
A Total of 893 Calm Hours Identified

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

***** WARNING MESSAGES *****
*** NONE ***

*** ISCST3 Finishes Successfully ***

ISCST3 CO 1987

** The results for this run are in file 12ST87C.OUT.

**

CO STARTING

TITLEONE FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1987 Met

TITLETWO Revised building height = 38'

MODELOPT DFAULT RURAL CONC

AVERTIME 1 8

POLLUTID CO

RUNORNOT RUN

ERRORFIL ERRORS.OUT

CO FINISHED

SO STARTING

LOCATION 1207 POINT 214.0 -157.0

** Point Source QS HS TS VS DS

** Parameters:

SRCPARAM 1207 1.351 17.68 718.1 13.85 2.66

SO BUILDHGT 1207	11.58	11.58	11.58	11.58	11.58	11.58
SO BUILDHGT 1207	11.58	11.58	11.58	.00	.00	.00
SO BUILDHGT 1207	11.58	11.58	11.58	11.58	11.58	11.58
SO BUILDHGT 1207	11.58	11.58	11.58	11.58	11.58	11.58
SO BUILDHGT 1207	11.58	11.58	11.58	.00	.00	.00
SO BUILDHGT 1207	11.58	11.58	11.58	11.58	11.58	11.58
SO BUILDWID 1207	26.13	27.08	27.21	26.52	25.01	22.75
SO BUILDWID 1207	19.80	16.24	12.19	.00	.00	.00
SO BUILDWID 1207	6.33	10.84	15.02	18.74	21.90	24.38
SO BUILDWID 1207	26.13	27.08	27.21	26.52	25.01	22.75
SO BUILDWID 1207	19.80	16.24	12.19	.00	.00	.00
SO BUILDWID 1207	6.33	10.84	15.02	18.74	21.90	24.38

SO LOCATION GEN03 POINT 62.2 -150.3

** Parameters QS HS TS VS DS

**

SO SRCPARAM GEN03 0.283 6.10 644.26 45.49 0.2

SO BUILDHGT GEN03	3.66	3.66	3.66	3.66	3.66	3.66
SO BUILDHGT GEN03	3.66	3.66	3.66	3.66	3.66	3.66
SO BUILDHGT GEN03	3.66	3.66	3.66	3.66	3.66	3.66
SO BUILDHGT GEN03	3.66	3.66	3.66	3.66	3.66	3.66
SO BUILDHGT GEN03	3.66	3.66	3.66	3.66	3.66	3.66
SO BUILDHGT GEN03	3.66	3.66	3.66	3.66	3.66	3.66
SO BUILDWID GEN03	40.35	39.84	38.13	35.25	31.31	26.41
SO BUILDWID GEN03	20.71	14.38	7.62	14.38	20.71	26.41
SO BUILDWID GEN03	31.31	35.25	38.13	39.84	40.35	39.62
SO BUILDWID GEN03	40.35	39.84	38.13	35.25	31.31	26.41
SO BUILDWID GEN03	20.71	14.38	7.62	14.38	20.71	26.41

SO BUILDWID GEN03 31.31 35.25 38.13 39.84 40.35 39.62

SO SRCGROUP ALL
SO FINISHED

RE STARTING
GRIDCART 100METER STA
GRIDCART 100METER XYINC -986 25 100 -1357 25 100
GRIDCART 100METER END
RE FINISHED

ME STARTING
INPUTFIL 12ST87.ASC
ANEMHGHT 10
SURFDATA 13899 1987 PENSACOLA
UAIRDATA 12832 1987 APALACHICOLA
ME FINISHED

OU STARTING
RECTABLE ALLAVE FIRST SECOND
MAXTABLE ALLAVE 50
OU FINISHED

*** SETUP Finishes Successfully ***

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1987 Met
*** Revised building height = 38'

*** 3/99
*** 06:10:45
PAGE 1

**MODELOPTs: CONC

RURAL FLAT

DEFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

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

-- SCAVENGING/DEPOSITION LOGIC --

**Model Uses NO DRY DEPLETION. DDPLETE = F

**Model Uses NO WET DEPLETION. WDPLETE = F

**NO WET SCAVENGING Data Provided.

**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses RURAL Dispersion.

**Model Uses Regulatory DEFAULT Options:

1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.
8. "Upper Bound" Values for Supersquat Buildings.
9. No Exponential Decay for RURAL Mode

**Model Assumes Receptors on FLAT Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates 2 Short Term Average(s) of: 1-HR 8-HR

**This Run Includes: 2 Source(s); 1 Source Group(s); and 625 Receptor(s)

**The Model Assumes A Pollutant Type of: CO

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

**Output Options Selected:

Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)

Model Outputs Tables of Overall Maximum Short Term Values (MAXTABLE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
 Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 1.3 MB of RAM.

**Input Runstream File: 12st87D.IN
 **Output Print File: 12st87D.OUT
 **Detailed Error/Message File: ERRORS.OUT

*** ISCST3 - VERSION 98356 *** *** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1987 Met *** 11/23/99
 *** Revised building height = 38' *** 06:10:45
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**MODELOPTs: CONC RURAL FLAT DFAULT

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
1207	0	0.13510E+01	214.0	-157.0	0.0	17.68	718.10	13.85	2.66	YES	
GEN03	0	0.28300E+00	62.2	-150.3	0.0	6.10	644.26	45.49	0.20	YES	

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1987 Met
*** Revised building height = 38'

*** 11/23/99
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**MODELOPTs: CONC

RURAL FLAT DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID

SOURCE IDs

ALL 1207 , GEN03 ,

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1987 Met
*** Revised building height = 38'

*** 11/23/99
*** 06:10:45
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**MODELOPTs: CONC

RURAL FLAT DFAULT

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: 1207

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	11.6,	26.1,	0	2	11.6,	27.1,	0	3	11.6,	27.2,	0	4	11.6,	26.5,	0	5	11.6,	25.0,	0	6	11.6,	22.8,	0
7	11.6,	19.8,	0	8	11.6,	16.2,	0	9	11.6,	12.2,	0	10	0.0,	0.0,	0	11	0.0,	0.0,	0	12	0.0,	0.0,	0
13	11.6,	6.3,	0	14	11.6,	10.8,	0	15	11.6,	15.0,	0	16	11.6,	18.7,	0	17	11.6,	21.9,	0	18	11.6,	24.4,	0
19	11.6,	26.1,	0	20	11.6,	27.1,	0	21	11.6,	27.2,	0	22	11.6,	26.5,	0	23	11.6,	25.0,	0	24	11.6,	22.8,	0
25	11.6,	19.8,	0	26	11.6,	16.2,	0	27	11.6,	12.2,	0	28	0.0,	0.0,	0	29	0.0,	0.0,	0	30	0.0,	0.0,	0
31	11.6,	6.3,	0	32	11.6,	10.8,	0	33	11.6,	15.0,	0	34	11.6,	18.7,	0	35	11.6,	21.9,	0	36	11.6,	24.4,	0

SOURCE ID: GEN03

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	3.7,	40.3,	0	2	3.7,	39.8,	0	3	3.7,	38.1,	0	4	3.7,	35.3,	0	5	3.7,	31.3,	0	6	3.7,	26.4,	0
7	3.7,	20.7,	0	8	3.7,	14.4,	0	9	3.7,	7.6,	0	10	3.7,	14.4,	0	11	3.7,	20.7,	0	12	3.7,	26.4,	0
13	3.7,	31.3,	0	14	3.7,	35.3,	0	15	3.7,	38.1,	0	16	3.7,	39.8,	0	17	3.7,	40.3,	0	18	3.7,	39.6,	0
19	3.7,	40.3,	0	20	3.7,	39.8,	0	21	3.7,	38.1,	0	22	3.7,	35.3,	0	23	3.7,	31.3,	0	24	3.7,	26.4,	0
25	3.7,	20.7,	0	26	3.7,	14.4,	0	27	3.7,	7.6,	0	28	3.7,	14.4,	0	29	3.7,	20.7,	0	30	3.7,	26.4,	0
31	3.7,	31.3,	0	32	3.7,	35.3,	0	33	3.7,	38.1,	0	34	3.7,	39.8,	0	35	3.7,	40.3,	0	36	3.7,	39.6,	0

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1987 Met
*** Revised building height = 38'

*** 11/23/99
*** 06:10:45
PAGE 5

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

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

-986.0,	-886.0,	-786.0,	-686.0,	-586.0,	-486.0,	-386.0,	-286.0,	-186.0,	-86.0,
14.0,	114.0,	214.0,	314.0,	414.0,	514.0,	614.0,	714.0,	814.0,	914.0,
1014.0,	1114.0,	1214.0,	1314.0,	1414.0,					

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

-1357.0,	-1257.0,	-1157.0,	-1057.0,	-957.0,	-857.0,	-757.0,	-657.0,	-557.0,	-457.0,
-357.0,	-257.0,	-157.0,	-57.0,	43.0,	143.0,	243.0,	343.0,	443.0,	543.0,
643.0,	743.0,	843.0,	943.0,	1043.0,					

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1987 Met
*** Revised building height = 38'

*** 11/23/99
*** 06:10:45
PAGE 6

**MODELOPTs: CONC

RURAL FLAT DEFAULT

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR 3*ZLB IN DISTANCE, OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR LOCATION - -		DISTANCE
	XR (METERS)	YR (METERS)	(METERS)
1207	214.0	-157.0	0.00

**MODELOPTs: CONC

RURAL FLAT

DEFAULT

*** THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

FILE: 12ST87.ASC

FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)

SURFACE STATION NO.: 13899

UPPER AIR STATION NO.: 12832

NAME: PENSACOLA

NAME: APALACHICOLA

YEAR: 1987

YEAR: 1987

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING HEIGHT (M)		USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
								RURAL	URBAN					
87	1	1	1	141.0	7.72	278.7	4	494.7	494.7	0.0000	0.0	0.0000	0	0.00
87	1	1	2	158.0	5.66	279.8	4	511.9	511.9	0.0000	0.0	0.0000	0	0.00
87	1	1	3	154.0	7.20	279.8	4	529.1	529.1	0.0000	0.0	0.0000	0	0.00
87	1	1	4	153.0	5.14	279.3	4	546.2	546.2	0.0000	0.0	0.0000	0	0.00
87	1	1	5	153.0	7.20	277.6	4	563.4	563.4	0.0000	0.0	0.0000	0	0.00
87	1	1	6	152.0	6.17	276.5	4	580.6	580.6	0.0000	0.0	0.0000	0	0.00
87	1	1	7	155.0	6.17	275.9	4	597.8	597.8	0.0000	0.0	0.0000	0	0.00
87	1	1	8	153.0	6.17	277.0	4	614.9	614.9	0.0000	0.0	0.0000	0	0.00
87	1	1	9	157.0	6.17	279.8	4	632.1	632.1	0.0000	0.0	0.0000	0	0.00
87	1	1	10	141.0	7.20	282.0	4	649.3	649.3	0.0000	0.0	0.0000	0	0.00
87	1	1	11	144.0	6.69	284.3	4	666.5	666.5	0.0000	0.0	0.0000	0	0.00
87	1	1	12	146.0	6.69	285.4	4	683.6	683.6	0.0000	0.0	0.0000	0	0.00
87	1	1	13	103.0	8.75	285.9	4	700.8	700.8	0.0000	0.0	0.0000	0	0.00
87	1	1	14	139.0	8.75	287.0	4	718.0	718.0	0.0000	0.0	0.0000	0	0.00
87	1	1	15	122.0	6.69	286.5	4	718.0	718.0	0.0000	0.0	0.0000	0	0.00
87	1	1	16	154.0	6.17	286.5	4	718.0	718.0	0.0000	0.0	0.0000	0	0.00
87	1	1	17	131.0	5.14	284.3	4	718.0	718.0	0.0000	0.0	0.0000	0	0.00
87	1	1	18	117.0	4.12	282.0	5	728.3	729.5	0.0000	0.0	0.0000	0	0.00
87	1	1	19	134.0	4.63	281.5	5	742.4	745.2	0.0000	0.0	0.0000	0	0.00
87	1	1	20	127.0	4.63	280.4	5	756.6	761.0	0.0000	0.0	0.0000	0	0.00
87	1	1	21	100.0	4.12	279.3	5	770.7	776.7	0.0000	0.0	0.0000	0	0.00
87	1	1	22	112.0	4.12	278.7	5	784.8	792.5	0.0000	0.0	0.0000	0	0.00
87	1	1	23	110.0	4.12	277.6	5	799.0	808.2	0.0000	0.0	0.0000	0	0.00
87	1	1	24	130.0	5.14	278.2	5	813.1	824.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
 FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-986.00	-886.00	X-COORD (METERS) -786.00	-686.00	-586.00
1043.0	10.95554 (87031524)	10.34608 (87082602)	12.31780 (87051924)	11.59171 (87031421)	11.10565 (87062523)
943.0	9.58624 (87062521)	10.79552 (87040805)	10.66031 (87082602)	11.61129 (87051924)	11.11650 (87081621)
843.0	11.33986 (87080306)	9.59252 (87080308)	11.98302 (87082507)	9.83665 (87060923)	11.65107 (87072624)
743.0	14.46361 (87080306)	12.84693 (87080306)	11.05332 (87080308)	13.62166 (87082507)	11.07541 (87100917)
643.0	10.70434 (87060824)	15.50041 (87080306)	14.75759 (87080306)	12.86411 (87080308)	15.16411 (87082507)
543.0	13.45611 (87021408)	12.26043 (87021408)	16.28592 (87080306)	17.23674 (87080306)	15.15581 (87080308)
443.0	18.15956 (87090208)	16.97751 (87090208)	15.42296 (87021408)	16.42299 (87080306)	20.52734 (87080306)
343.0	11.24422 (87110718)	16.41667 (87090208)	21.58802 (87090208)	17.51493 (87021408)	16.95390 (87092919)
243.0	12.41499 (87090611)	13.72957 (87051217)	13.75659 (87051217)	20.28924 (87090208)	24.10857 (87090208)
143.0	11.82962 (87051109)	14.01692 (87032711)	15.72752 (87090611)	17.82492 (87120921)	19.05214 (87051217)
43.0	12.27237 (87110217)	14.73266 (87110217)	16.36122 (87021109)	18.53844 (87051109)	19.68872 (87032711)
-57.0	27.31525 (87042006)	28.09309 (87042006)	27.78450 (87042006)	25.70539 (87042006)	21.11110 (87042006)
-157.0	15.26945 (87042006)	16.45570 (87042006)	17.60760 (87042006)	19.30819 (87082119)	21.62324 (87082119)
-257.0	13.45200 (87070719)	15.00954 (87070719)	17.00832 (87062219)	18.48015 (87062219)	20.23879 (87110905)
-357.0	11.34225 (87032007)	15.92217 (87032007)	21.03869 (87032007)	25.32138 (87031507)	28.49166 (87031507)
-457.0	21.10386 (87031507)	22.48485 (87031507)	19.10581 (87031507)	19.39094 (87020108)	22.29382 (87020108)
-557.0	12.28024 (87051106)	16.76774 (87020108)	17.88482 (87010608)	23.31757 (87010608)	18.86248 (87051419)
-657.0	15.03969 (87010608)	19.01634 (87010608)	15.75574 (87010608)	15.63066 (87070619)	17.68198 (87060107)
-757.0	14.78490 (87010608)	12.32950 (87102417)	13.47385 (87070619)	14.45662 (87052107)	18.50566 (87092207)
-857.0	11.31304 (87052824)	11.40475 (87011605)	12.69971 (87052107)	16.86431 (87092207)	23.56750 (87102507)
-957.0	11.17495 (87051524)	11.65435 (87052101)	15.32981 (87092207)	21.22647 (87102507)	13.42550 (87070119)
-1057.0	11.58933 (87010707)	14.00119 (87092207)	19.14191 (87102507)	13.40580 (87102507)	14.02135 (87090307)
-1157.0	12.85563 (87092207)	17.35996 (87102507)	13.68149 (87102507)	12.32533 (87032501)	13.00484 (87070107)
-1257.0	15.84679 (87102507)	13.56554 (87102507)	12.18905 (87021105)	11.44213 (87052802)	11.82210 (87060902)
-1357.0	13.22823 (87102507)	12.67228 (87083101)	11.58473 (87072505)	11.01684 (87070107)	11.47317 (87031503)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-486.00	-386.00	X-COORD (METERS) -286.00	-186.00	-86.00
1043.0 |	10.70219 (87080401)	10.37700 (87052821)	11.18051 (87031505)	11.60523 (87070101)	11.06421 (87052822)
943.0 |	10.56624 (87082224)	11.55702 (87062218)	10.52106 (87062116)	12.24826 (87101017)	11.47166 (87120920)
843.0 |	11.99020 (87070706)	12.24397 (87062218)	11.12762 (87062116)	13.79556 (87121217)	12.35091 (87061606)
743.0 |	12.57283 (87072624)	13.43962 (87070706)	13.66231 (87062218)	15.41309 (87051919)	14.16844 (87061606)
643.0 |	13.58736 (87072624)	14.81226 (87070706)	16.51145 (87062218)	15.69531 (87062116)	16.93297 (87101017)
543.0 |	16.04051 (87082507)	17.51884 (87072624)	17.70868 (87070706)	17.19895 (87101517)	20.26426 (87101017)
443.0 |	17.96964 (87080308)	17.92632 (87122623)	17.92709 (87082519)	21.77328 (87062218)	22.22237 (87121217)
343.0 |	24.93466 (87080306)	20.94576 (87080308)	21.71845 (87100917)	23.66291 (87091618)	24.19733 (87021917)
243.0 |	20.94795 (87092919)	30.50891 (87080306)	23.78061 (87062119)	25.92548 (87102609)	27.26978 (87050402)
143.0 |	24.47645 (87090208)	24.24990 (87050921)	35.33310 (87080306)	28.74848 (87122505)	32.02903 (87062207)
43.0 |	23.01621 (87090611)	25.87449 (87051907)	28.49445 (87032822)	32.46911 (87092822)	36.45174 (87121913)
-57.0 |	23.56841 (87051719)	26.54182 (87112614)	30.60185 (87072109)	34.62954 (87061116)	45.30885 (87051617)
-157.0 |	23.74277 (87082119)	26.87834 (87032621)	30.66639 (87120908)	36.73067 (87112413)	50.24376 (87060809)
-257.0 |	21.16503 (87060808)	33.45553 (87032007)	34.37740 (87032007)	34.30831 (87072015)	43.20303 (87020513)
-357.0 |	22.45209 (87112705)	29.81888 (87020108)	36.43640 (87010608)	31.44205 (87011424)	34.81652 (87020506)
-457.0 |	29.65394 (87010608)	23.75674 (87110907)	26.62880 (87080217)	28.12246 (87092802)	30.63327 (87020501)
-557.0 |	20.21974 (87011605)	22.41770 (87090602)	25.22556 (87102507)	25.98510 (87090601)	31.02088 (87032507)
-657.0 |	20.12958 (87092207)	26.99424 (87102507)	20.84965 (87101908)	22.86975 (87102207)	24.29708 (87010714)
-757.0 |	25.78047 (87102507)	18.95377 (87101908)	19.89959 (87061413)	20.37792 (87110316)	21.48451 (87090109)
-857.0 |	16.14020 (87070119)	18.17046 (87070107)	17.81732 (87020414)	21.45580 (87032507)	19.52638 (87122206)
-957.0 |	15.71830 (87090307)	15.57845 (87061413)	16.20058 (87101317)	17.28548 (87032507)	16.50621 (87042707)
-1057.0 |	14.64426 (87070107)	14.09514 (87102207)	14.97230 (87032507)	15.18568 (87050707)	15.55619 (87042707)
-1157.0 |	12.08165 (87090909)	12.70783 (87101317)	15.69087 (87032507)	14.89978 (87060307)	13.70844 (87042707)
-1257.0 |	11.76224 (87102207)	11.08165 (87102207)	13.41909 (87032507)	13.92607 (87060307)	12.24545 (87011603)
-1357.0 |	11.75486 (87111401)	12.38479 (87032507)	11.22265 (87062423)	12.05677 (87060307)	11.24333 (87111203)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	14.00	114.00	X-COORD (METERS) 214.00	314.00	414.00
1043.0	11.49884 (87122609)	14.06391 (87012908)	10.56919 (87012908)	14.39323 (87091109)	12.09363 (87091109)
943.0	12.68330 (87122609)	15.55604 (87012908)	11.09624 (87060319)	15.79554 (87091109)	11.48005 (87011523)
843.0	14.00898 (87122609)	17.30634 (87012908)	13.40729 (87091109)	16.78785 (87091109)	13.16284 (87011523)
743.0	15.50731 (87122609)	19.32271 (87012908)	16.39456 (87091109)	16.89217 (87091109)	14.75488 (87051507)
643.0	16.98138 (87122609)	21.56833 (87012908)	19.96756 (87091109)	16.17360 (87011523)	14.66730 (87011520)
543.0	19.48415 (87082619)	23.85326 (87012908)	23.80128 (87091109)	18.80314 (87051507)	17.21413 (87072219)
443.0	22.34297 (87082619)	25.65321 (87012908)	26.71372 (87091109)	20.76310 (87100518)	18.76909 (87122020)
343.0	25.77734 (87081707)	25.77638 (87012908)	25.76987 (87091109)	24.00463 (87072219)	23.65588 (87081319)
243.0	28.92917 (87051715)	28.86945 (87071619)	28.31934 (87061819)	26.68307 (87081818)	24.71160 (87081318)
143.0	33.34224 (87062204)	39.38271 (87091109)	31.30299 (87121202)	31.20512 (87081319)	25.97082 (87072319)
43.0	43.23668 (87091015)	42.10245 (87080716)	37.45230 (87081319)	31.80811 (87042119)	30.07271 (87033008)
-57.0	52.44800 (87121423)	52.43830 (87061613)	45.40694 (87041015)	34.67039 (87090811)	30.42568 (87090918)
-157.0	78.86100 (87030623)	73.96658 (87011904)	48.81783 (87071319)	39.61304 (87071319)	30.36939 (87080406)
-257.0	50.66608 (87071915)	51.02732 (87122810)	44.24444 (87030918)	33.62200 (87080515)	30.53096 (87080207)
-357.0	38.97840 (87100315)	40.95323 (87081510)	35.39893 (87042816)	31.48843 (87102701)	31.26239 (87041806)
-457.0	32.27924 (87060501)	32.35472 (87082907)	30.78972 (87020218)	28.86325 (87031918)	25.05838 (87070207)
-557.0	28.65261 (87032518)	28.58749 (87081108)	27.60145 (87072818)	25.74881 (87062210)	23.56545 (87051012)
-657.0	25.33934 (87071107)	28.17617 (87031107)	23.58706 (87121717)	23.36161 (87072419)	22.51730 (87081107)
-757.0	22.37234 (87060422)	27.43496 (87031107)	21.39919 (87092905)	21.92389 (87102807)	21.57450 (87042306)
-857.0	19.60290 (87050519)	25.46244 (87031107)	19.37700 (87092905)	19.06100 (87090603)	18.25588 (87072419)
-957.0	17.75988 (87050519)	23.25986 (87031107)	17.18559 (87011524)	16.93562 (87073104)	17.90344 (87102807)
-1057.0	15.83412 (87050519)	21.17058 (87031107)	15.36587 (87011524)	13.39989 (87051011)	14.73590 (87062507)
-1157.0	14.03763 (87050519)	19.29504 (87031107)	12.91822 (87011524)	13.17030 (87092905)	12.96375 (87090603)
-1257.0	12.56443 (87090119)	17.64656 (87031107)	12.29226 (87082918)	12.27805 (87092905)	11.92717 (87073104)
-1357.0	11.53604 (87060204)	16.20776 (87031107)	11.71256 (87101806)	11.71568 (87083003)	11.27351 (87120503)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS) |	514.00	614.00	X-COORD (METERS) 714.00	814.00	914.00
1043.0 |	11.27026 (87021121)	10.04955 (87090807)	10.85906 (87102519)	11.47154 (87072902)	11.23429 (87050206)
943.0 |	11.51442 (87011520)	11.08323 (87051324)	10.48906 (87070106)	11.76371 (87090620)	13.58776 (87081319)
843.0 |	10.45745 (87100518)	12.19824 (87122020)	11.51700 (87021409)	14.58642 (87081319)	11.32704 (87081319)
743.0 |	12.55477 (87072219)	12.62873 (87021409)	14.83152 (87081319)	13.72826 (87081319)	13.36404 (87081318)
643.0 |	15.45341 (87122020)	14.81233 (87042106)	16.73031 (87081319)	14.85099 (87081318)	13.43511 (87120924)
543.0 |	17.30459 (87021409)	20.23898 (87081319)	16.68826 (87081318)	15.15087 (87120924)	12.66196 (87111217)
443.0 |	23.47704 (87081319)	18.98006 (87081318)	16.91937 (87120924)	14.87653 (87122017)	15.05693 (87122802)
343.0 |	21.78371 (87081318)	18.22192 (87120924)	17.86790 (87091912)	20.83941 (87033008)	22.10651 (87033008)
243.0 |	21.84995 (87081819)	20.88384 (87091217)	28.05560 (87033008)	17.95178 (87033008)	15.39192 (87050106)
143.0 |	30.20879 (87033008)	24.30234 (87033008)	20.19343 (87062607)	16.91343 (87122724)	15.63526 (87062408)
43.0 |	25.79928 (87090819)	22.50203 (87122724)	19.74048 (87062408)	17.07023 (87091717)	15.07647 (87091813)
-57.0 |	26.93899 (87090613)	23.40310 (87072806)	21.15960 (87032707)	18.41972 (87032707)	16.65198 (87011521)
-157.0 |	26.86642 (87051415)	22.70950 (87051415)	20.11617 (87122801)	17.80382 (87122801)	15.84736 (87051108)
-257.0 |	26.31056 (87080619)	23.37263 (87121211)	18.58374 (87121211)	16.96614 (87061507)	15.21877 (87061507)
-357.0 |	25.09632 (87121005)	22.88319 (87090610)	21.37262 (87010208)	20.74906 (87010208)	16.02454 (87010208)
-457.0 |	22.84683 (87062209)	26.63730 (87041806)	19.69111 (87121209)	17.55471 (87030805)	15.26167 (87090610)
-557.0 |	22.02165 (87070207)	22.24919 (87081106)	18.86041 (87091908)	20.97484 (87041806)	15.80449 (87041806)
-657.0 |	19.47585 (87031113)	18.75615 (87031112)	19.78610 (87081106)	15.42439 (87062209)	14.41486 (87041806)
-757.0 |	17.63278 (87081107)	17.11915 (87031113)	15.97635 (87031112)	16.21802 (87081106)	15.89360 (87081106)
-857.0 |	16.86990 (87121003)	14.29799 (87031907)	14.67420 (87031113)	13.55179 (87031112)	12.94319 (87081106)
-957.0 |	17.42397 (87042306)	14.61557 (87080807)	11.98272 (87081902)	12.59722 (87031113)	11.62701 (87031112)
-1057.0 |	14.04798 (87032717)	13.18327 (87032502)	12.36471 (87081107)	10.86117 (87101619)	11.15887 (87062505)
-1157.0 |	14.64994 (87102807)	14.30300 (87042306)	11.18099 (87121724)	11.27074 (87111307)	11.35311 (87101619)
-1257.0 |	12.23425 (87102807)	11.41739 (87071104)	11.99367 (87042306)	11.47800 (87120522)	12.18513 (87101623)
-1357.0 |	11.67010 (87021401)	12.26060 (87102807)	12.03406 (87042306)	11.64243 (87111224)	11.57575 (87071024)

**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	1014.00	1114.00	X-COORD (METERS) 1214.00	1314.00	1414.00
1043.0	12.30494 (87081319)	10.38953 (87080722)	11.59283 (87072901)	12.64139 (87091821)	12.50850 (87090720)
943.0	10.69603 (87080722)	11.59961 (87072901)	12.37878 (87091821)	12.81981 (87090720)	10.44520 (87062003)
843.0	12.14259 (87081318)	12.32244 (87062406)	12.62079 (87090720)	10.37309 (87021603)	9.92669 (87020221)
743.0	12.05226 (87062406)	11.68254 (87090720)	10.70394 (87021603)	11.20835 (87080504)	12.36508 (87090721)
643.0	11.23945 (87021019)	10.72916 (87020221)	11.91374 (87090721)	14.73629 (87033008)	14.76375 (87033008)
543.0	12.83695 (87122802)	15.00255 (87033008)	17.17805 (87033008)	14.08518 (87033008)	11.62395 (87091702)
443.0	19.64987 (87033008)	17.41390 (87033008)	11.27645 (87091702)	11.42105 (87040202)	10.64189 (87060122)
343.0	13.72174 (87033008)	12.74722 (87050106)	10.69939 (87062607)	12.02969 (87010721)	11.22727 (87102520)
243.0	12.78537 (87062607)	12.28773 (87122724)	11.29827 (87012320)	11.08575 (87010720)	10.78478 (87120120)
143.0	14.05614 (87062408)	11.19656 (87062618)	11.01909 (87040124)	9.84498 (87071621)	11.51355 (87080824)
43.0	14.71204 (87091813)	13.12110 (87091813)	11.80022 (87072806)	10.78851 (87072806)	11.58111 (87062601)
-57.0	14.74445 (87011521)	12.87065 (87011521)	11.78505 (87030804)	11.28607 (87042203)	11.62965 (87042203)
-157.0	14.09025 (87051108)	12.59351 (87051108)	11.34459 (87051108)	10.48143 (87042924)	10.54282 (87042924)
-257.0	13.45710 (87080606)	12.04537 (87080606)	11.40375 (87101819)	12.05048 (87101819)	12.09372 (87101819)
-357.0	14.62015 (87090604)	12.80667 (87090604)	10.60663 (87090604)	11.87397 (87090922)	12.34899 (87090922)
-457.0	15.27893 (87010208)	15.74070 (87010208)	14.05635 (87010208)	11.49909 (87010208)	10.77934 (87011405)
-557.0	12.99642 (87030805)	12.41888 (87090610)	10.94796 (87012324)	11.66623 (87010208)	12.31824 (87010208)
-657.0	17.07393 (87041806)	13.34416 (87041806)	10.51844 (87100621)	11.53975 (87062522)	11.45329 (87113021)
-757.0	12.28913 (87062209)	13.42880 (87041806)	14.36176 (87041806)	11.59577 (87102521)	10.72978 (87032202)
-857.0	15.45074 (87081106)	11.96739 (87062401)	11.28084 (87120222)	12.22170 (87041806)	12.38715 (87041806)
-957.0	11.74572 (87091402)	14.04198 (87081106)	11.73014 (87081106)	11.61928 (87050724)	11.75290 (87021024)
-1057.0	11.26560 (87120121)	11.45670 (87091402)	12.34031 (87081106)	11.89847 (87081106)	12.85496 (87062401)
-1157.0	11.90309 (87120224)	11.58783 (87120121)	11.60593 (87100120)	11.72729 (87011124)	12.83527 (87111221)
-1257.0	11.47736 (87100720)	12.46124 (87120224)	11.68357 (87120121)	12.46227 (87100120)	12.11059 (87091402)
-1357.0	12.66595 (87101623)	11.64761 (87100720)	12.76683 (87120224)	11.61795 (87120121)	12.83534 (87100120)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 2ND HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS) |	-986.00	-886.00	X-COORD (METERS) -786.00	-686.00	-586.00
1043.0 |	10.56903 (87040805)	9.35936 (87082507)	11.06789 (87060923)	11.52915 (87080603)	11.06959 (87062302)
943.0 |	8.40391 (87080308)	10.46044 (87082507)	9.60840 (87082507)	9.82967 (87051822)	10.63694 (87063003)
843.0 |	11.30001 (87082524)	9.55649 (87122607)	10.39649 (87040805)	9.83124 (87082721)	10.99819 (87070820)
743.0 |	11.30462 (87061415)	11.26741 (87082524)	11.00588 (87122607)	11.35440 (87121817)	10.66368 (87060923)
643.0 |	10.27514 (87072101)	12.77472 (87061415)	11.45742 (87112417)	12.80004 (87122607)	12.36831 (87121817)
543.0 |	11.69714 (87090208)	11.81478 (87092919)	14.17408 (87061415)	13.54296 (87112417)	15.06515 (87122607)
443.0 |	11.36353 (87052922)	13.14949 (87021408)	13.24467 (87092919)	15.09648 (87061415)	16.22838 (87112417)
343.0 |	11.02970 (87021406)	12.97582 (87011317)	13.07479 (87051407)	15.94442 (87032710)	16.15310 (87050518)
243.0 |	12.37915 (87120921)	13.64053 (87112620)	13.65487 (87112620)	16.64094 (87011317)	18.72767 (87051407)
143.0 |	11.12857 (87112719)	13.98948 (87032424)	15.46750 (87032711)	17.71872 (87032423)	18.84776 (87081824)
43.0 |	11.52014 (87051719)	13.59413 (87021109)	16.33530 (87110217)	17.16077 (87021109)	19.55747 (87032424)
-57.0 |	13.03010 (87082118)	13.96560 (87082118)	15.37795 (87092915)	17.33689 (87061416)	20.55015 (87061416)
-157.0 |	13.52730 (87082119)	15.17321 (87082119)	17.11881 (87082119)	18.57322 (87042006)	19.72202 (87071919)
-257.0 |	13.34944 (87120918)	14.93197 (87062219)	16.30798 (87070719)	17.16222 (87110905)	18.24832 (87062219)
-357.0 |	10.62999 (87041903)	13.34452 (87041907)	17.99951 (87031507)	24.51525 (87032007)	22.17933 (87032007)
-457.0 |	17.12768 (87032007)	14.90564 (87032007)	13.84734 (87051106)	17.80833 (87051106)	22.05848 (87010608)
-557.0 |	12.20031 (87020108)	13.65443 (87050706)	17.09220 (87020108)	16.96349 (87082107)	18.34023 (87102417)
-657.0 |	13.75703 (87020108)	12.80219 (87082107)	13.83005 (87051419)	15.46162 (87111702)	17.50206 (87112708)
-757.0 |	11.20770 (87041905)	12.26750 (87051419)	13.35442 (87111702)	14.39470 (87060107)	16.32325 (87070707)
-857.0 |	10.76938 (87021005)	11.07389 (87060107)	11.98702 (87011602)	14.57989 (87102507)	14.72239 (87102217)
-957.0 |	11.16808 (87052303)	11.02076 (87070904)	13.56695 (87102507)	12.39601 (87102217)	12.48129 (87102507)
-1057.0 |	11.53267 (87101103)	12.61880 (87102507)	11.97344 (87021102)	11.22750 (87032716)	13.97686 (87032501)
-1157.0 |	12.68600 (87021106)	12.39095 (87021102)	12.14494 (87101020)	11.82320 (87021105)	11.53426 (87083106)
-1257.0 |	12.49545 (87021102)	11.99418 (87101020)	12.09094 (87100820)	11.42394 (87080804)	11.26335 (87070107)
-1357.0 |	11.69293 (87102221)	11.66582 (87102902)	10.70579 (87101102)	10.67818 (87110202)	11.45239 (87020304)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 2ND HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-486.00	-386.00	X-COORD (METERS) -286.00	-186.00	-86.00
1043.0	10.69826 (87080622)	9.50546 (87061403)	11.09796 (87062223)	11.29175 (87101017)	10.98503 (87120920)
943.0	10.55776 (87070706)	10.87454 (87060922)	10.28171 (87010623)	11.84371 (87121217)	11.44111 (87010717)
843.0	10.78591 (87062523)	11.21467 (87102415)	10.70115 (87101517)	13.46438 (87051919)	11.52307 (87120920)
743.0	10.33278 (87082519)	12.44255 (87031811)	13.17249 (87101517)	14.33106 (87121217)	12.94197 (87101017)
643.0	12.96863 (87061421)	11.73084 (87082519)	15.00211 (87102415)	14.78551 (87021917)	15.17086 (87061606)
543.0	14.60060 (87112718)	15.35155 (87061421)	17.01334 (87091618)	16.71419 (87062116)	17.86862 (87121217)
443.0	17.83314 (87122607)	17.46593 (87112718)	17.42344 (87070706)	20.46935 (87102317)	21.92699 (87091212)
343.0	19.32701 (87112417)	20.73608 (87122607)	21.16697 (87061421)	23.61399 (87061206)	24.03230 (87062116)
243.0	19.86408 (87051806)	23.39681 (87050306)	23.74096 (87061417)	25.52244 (87082519)	27.26775 (87101517)
143.0	21.92078 (87071413)	23.71194 (87032710)	27.59762 (87050306)	28.63819 (87082219)	32.02111 (87060719)
43.0	22.65838 (87122605)	25.55830 (87081824)	28.29898 (87062118)	32.28206 (87122612)	35.65240 (87062917)
-57.0	23.13593 (87112701)	26.36033 (87120910)	30.29636 (87052907)	34.48169 (87050309)	45.04737 (87011716)
-157.0	23.04187 (87071919)	26.36572 (87071919)	30.66639 (87121321)	36.50261 (87030611)	49.94807 (87051619)
-257.0	20.85555 (87010715)	26.21522 (87010715)	29.77001 (87110913)	34.05483 (87060419)	43.20303 (87020516)
-357.0	21.68508 (87051106)	28.31119 (87010608)	28.52143 (87072006)	31.37269 (87011707)	34.47100 (87100316)
-457.0	22.19913 (87082107)	23.74172 (87070619)	25.17699 (87110401)	27.92789 (87021905)	30.55306 (87102207)
-557.0	19.66137 (87060107)	22.32902 (87070707)	24.47040 (87082607)	25.97348 (87081018)	27.62468 (87070708)
-657.0	19.35974 (87070707)	20.61527 (87032716)	20.36616 (87090307)	22.84651 (87090520)	23.68522 (87091408)
-757.0	17.58605 (87102217)	18.82312 (87032501)	19.63051 (87072111)	20.07152 (87092307)	21.34104 (87080907)
-857.0	15.67403 (87011510)	16.32907 (87072111)	17.54549 (87070806)	17.89404 (87030803)	18.97361 (87060307)
-957.0	14.33263 (87032501)	15.15673 (87090909)	15.10017 (87070806)	16.92456 (87021506)	16.10808 (87122206)
-1057.0	13.32831 (87072111)	13.70182 (87020414)	12.63840 (87070708)	14.04262 (87060307)	13.74267 (87011614)
-1157.0	12.06726 (87061413)	12.30944 (87070806)	12.61610 (87030803)	13.03895 (87050707)	12.97689 (87011603)
-1257.0	11.60851 (87052901)	11.04134 (87070902)	11.78639 (87021506)	12.03152 (87122206)	11.71951 (87042707)
-1357.0	11.21645 (87120602)	11.20659 (87120601)	10.80017 (87120305)	11.69405 (87112122)	11.21304 (87011603)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 2ND HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS) |	X-COORD (METERS)				
	14.00	114.00	214.00	314.00	414.00
1043.0 |	11.43688 (87051923)	12.16081 (87112621)	10.29161 (87051124)	10.88702 (87121110)	10.77941 (87040207)
943.0 |	11.87294 (87103117)	12.95776 (87112621)	11.00974 (87091109)	10.87789 (87121110)	11.29501 (87050203)
843.0 |	12.91382 (87103117)	13.96241 (87071019)	12.41439 (87061424)	12.16100 (87090618)	12.41825 (87051507)
743.0 |	14.16409 (87082619)	15.38274 (87071019)	14.88099 (87121110)	13.59577 (87080219)	14.63585 (87011520)
643.0 |	16.64733 (87082619)	16.72360 (87071019)	17.73825 (87121110)	15.47479 (87091109)	14.58988 (87100518)
543.0 |	19.05660 (87012507)	19.02580 (87051119)	18.84245 (87121110)	18.67781 (87011523)	17.16912 (87091207)
443.0 |	21.72929 (87012507)	22.40159 (87051119)	21.87791 (87090618)	20.66867 (87011520)	17.72278 (87062217)
343.0 |	24.93478 (87062203)	25.27893 (87083018)	24.41681 (87070319)	23.90678 (87091207)	22.22713 (87042106)
243.0 |	28.20592 (87052520)	28.69756 (87050418)	27.72271 (87061818)	25.57233 (87081321)	24.33751 (87080519)
143.0 |	32.88650 (87041321)	33.33432 (87061308)	30.60706 (87081215)	29.14422 (87081209)	24.90107 (87080310)
43.0 |	43.04161 (87052716)	41.91373 (87070307)	36.58095 (87042717)	31.78472 (87012909)	27.84971 (87050622)
-57.0 |	51.85751 (87082614)	52.17916 (87012921)	45.21121 (87070316)	34.44147 (87071118)	30.15395 (87070919)
-157.0 |	74.41817 (87022706)	71.94323 (87021212)	45.46598 (87041013)	39.01900 (87030117)	30.30715 (87051415)
-257.0 |	49.37466 (87012022)	50.71965 (87031018)	44.15865 (87030114)	33.26139 (87041607)	29.99295 (87043007)
-357.0 |	38.43097 (87122915)	40.88638 (87042411)	34.34973 (87112811)	30.38521 (87070713)	28.77396 (87050517)
-457.0 |	31.71307 (87072306)	32.22995 (87052121)	30.70238 (87080316)	28.47867 (87010713)	24.90035 (87021623)
-557.0 |	28.03297 (87060504)	28.41470 (87071519)	26.94606 (87121212)	25.58075 (87081607)	22.30383 (87121017)
-657.0 |	25.19117 (87071707)	25.09113 (87090523)	22.99466 (87073104)	23.11992 (87090607)	22.15755 (87080807)
-757.0 |	22.03652 (87122217)	22.43819 (87093002)	20.72893 (87051011)	21.10119 (87100718)	19.88865 (87010709)
-857.0 |	19.46811 (87060422)	20.26774 (87062107)	17.03169 (87011524)	18.23427 (87062507)	18.15224 (87032717)
-957.0 |	16.89278 (87090119)	17.93629 (87062107)	14.85841 (87092905)	15.14823 (87011606)	16.18698 (87100718)
-1057.0 |	15.38093 (87090119)	15.89239 (87072607)	12.87578 (87082918)	13.30766 (87121717)	14.62386 (87100208)
-1157.0 |	13.87934 (87090119)	14.13266 (87072607)	12.90581 (87082918)	11.57044 (87051011)	12.57556 (87073104)
-1257.0 |	12.51683 (87050519)	12.62724 (87072607)	11.27583 (87080319)	11.20123 (87092022)	11.21739 (87092622)
-1357.0 |	11.38969 (87090119)	11.31249 (87072607)	11.65459 (87062405)	11.19916 (87010701)	11.18955 (87101620)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 2ND HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	514.00	614.00	714.00	814.00	914.00
1043.0	11.18680 (87062004)	9.48262 (87021122)	10.10363 (87091205)	9.81814 (87061723)	11.21533 (87072801)
943.0	10.86820 (87051507)	10.83573 (87090807)	10.41664 (87012820)	11.04612 (87061721)	11.49651 (87080604)
843.0	10.44587 (87011520)	10.42992 (87070106)	10.77155 (87090620)	11.81353 (87091822)	11.18260 (87073106)
743.0	12.51681 (87091207)	11.39411 (87081321)	13.67652 (87042106)	11.71914 (87073106)	11.50287 (87073106)
643.0	12.78218 (87120517)	13.58843 (87081319)	13.77545 (87062108)	13.11437 (87073106)	11.41218 (87062406)
543.0	15.98671 (87081818)	16.25604 (87062108)	15.19605 (87073106)	12.09343 (87121004)	12.20042 (87122017)
443.0	19.06592 (87092518)	17.89307 (87073106)	14.74918 (87081819)	14.56134 (87111217)	13.29850 (87033008)
343.0	21.19074 (87073106)	18.15554 (87081819)	17.24223 (87122017)	16.17444 (87122804)	14.38225 (87033003)
243.0	21.17682 (87072319)	19.72298 (87091912)	18.47192 (87122804)	16.69698 (87121006)	15.10030 (87062607)
143.0	24.70228 (87071316)	21.19818 (87033004)	19.06133 (87050106)	15.53890 (87081901)	15.43588 (87122724)
43.0	24.76160 (87050819)	22.45328 (87081901)	19.68121 (87062618)	16.99545 (87122806)	14.86388 (87042107)
-57.0	26.72371 (87081708)	22.52984 (87081708)	20.97619 (87072806)	18.11749 (87011521)	15.24606 (87032707)
-157.0	25.15219 (87080406)	22.33146 (87122801)	19.84286 (87051108)	17.80218 (87051108)	15.67607 (87122801)
-257.0	25.58615 (87030806)	22.62049 (87090604)	17.38202 (87061507)	15.48622 (87080606)	14.77338 (87080606)
-357.0	24.03976 (87121209)	21.23901 (87090608)	20.84797 (87091911)	18.40863 (87121214)	15.51841 (87121214)
-457.0	22.34951 (87011522)	21.31433 (87090609)	19.31002 (87041806)	17.11344 (87090610)	14.45665 (87091911)
-557.0	21.28856 (87031112)	20.28444 (87032108)	18.18132 (87062209)	17.56442 (87122803)	14.98526 (87121209)
-657.0	18.12187 (87121017)	17.94305 (87070207)	15.54279 (87032108)	15.25045 (87011522)	13.68283 (87091908)
-757.0	17.23560 (87010710)	16.25536 (87062608)	14.43071 (87070207)	12.89097 (87070207)	13.26102 (87032108)
-857.0	16.33170 (87080807)	13.96104 (87081902)	14.19204 (87062608)	11.70343 (87070207)	11.97642 (87070207)
-957.0	15.05238 (87010709)	14.49621 (87081107)	11.56892 (87031907)	12.36695 (87062608)	10.75483 (87032206)
-1057.0	13.95148 (87072419)	12.98456 (87121003)	11.41160 (87080807)	10.36579 (87071023)	11.02458 (87120224)
-1157.0	12.11176 (87100718)	11.80995 (87020416)	11.10991 (87121003)	11.26260 (87121719)	10.59741 (87071424)
-1257.0	11.63746 (87121102)	11.34501 (87032717)	11.73314 (87102903)	11.41193 (87101823)	11.25415 (87081603)
-1357.0	11.65883 (87072321)	11.66710 (87083004)	11.38493 (87111302)	11.64243 (87122921)	10.73199 (87010222)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 2ND HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	1014.00	1114.00	X-COORD (METERS) 1214.00	1314.00	1414.00
1043.0	11.31185 (87091520)	9.86370 (87073106)	10.59879 (87040201)	12.14881 (87062406)	12.41975 (87120220)
943.0	10.53355 (87073106)	11.12439 (87081318)	12.32700 (87062406)	11.69020 (87120220)	10.43981 (87062421)
843.0	11.42329 (87072901)	11.88112 (87091821)	11.55355 (87061301)	10.33636 (87062524)	9.63115 (87021604)
743.0	11.92122 (87120924)	11.40574 (87021019)	10.66269 (87062524)	10.27931 (87070322)	11.69767 (87033008)
643.0	11.15227 (87053022)	10.31516 (87091912)	11.25793 (87080504)	12.52492 (87111121)	11.14551 (87051221)
543.0	11.81291 (87091217)	11.71063 (87081320)	11.48156 (87051221)	10.16015 (87051203)	10.72677 (87032024)
443.0	13.99564 (87122804)	11.26862 (87033004)	10.98845 (87033008)	11.37064 (87041921)	10.63867 (87091321)
343.0	12.99376 (87121006)	11.50143 (87062607)	10.65480 (87050106)	11.91067 (87102520)	10.82022 (87041106)
243.0	11.99116 (87090819)	10.90108 (87102520)	11.22723 (87010719)	10.31134 (87082822)	10.27764 (87040124)
143.0	12.32102 (87061815)	11.18800 (87061710)	10.41234 (87071621)	9.41311 (87080824)	9.48642 (87031906)
43.0	13.00824 (87081708)	12.36514 (87072806)	11.12605 (87091813)	10.75926 (87012722)	10.78768 (87072521)
-57.0	13.64953 (87030804)	12.76989 (87030804)	11.20012 (87011521)	11.27148 (87072904)	11.61543 (87072904)
-157.0	13.81188 (87122801)	12.24973 (87122801)	10.96157 (87122801)	10.27375 (87051108)	9.35068 (87051108)
-257.0	13.12196 (87061507)	11.78765 (87080506)	10.83914 (87080506)	10.54747 (87080422)	11.20933 (87081101)
-357.0	12.31582 (87121211)	11.48352 (87121211)	10.04656 (87121211)	8.83565 (87091322)	10.88251 (87091322)
-457.0	14.31110 (87091911)	12.82253 (87072415)	11.58980 (87121214)	11.48909 (87021022)	10.73547 (87032124)
-557.0	12.16949 (87121209)	11.99206 (87030805)	10.54767 (87091911)	10.79186 (87042621)	10.78453 (87091401)
-657.0	14.53897 (87122803)	11.63896 (87121209)	10.26627 (87121209)	10.25984 (87100621)	11.31418 (87012324)
-757.0	12.27287 (87091908)	11.83443 (87111220)	11.99324 (87122803)	11.55262 (87041806)	10.67797 (87091420)
-857.0	11.43055 (87111221)	11.29961 (87071502)	11.24286 (87020320)	12.19646 (87111220)	11.60494 (87011207)
-957.0	11.12836 (87052801)	11.92125 (87111221)	10.84638 (87062401)	10.76248 (87033120)	11.71525 (87111220)
-1057.0	11.17502 (87082904)	11.45420 (87080703)	11.55114 (87051401)	11.78410 (87011122)	11.63816 (87071502)
-1157.0	11.29103 (87062505)	11.50209 (87082904)	11.59855 (87080703)	10.68822 (87012402)	12.78903 (87042405)
-1257.0	10.88844 (87101619)	11.31287 (87092424)	11.60363 (87082904)	11.21616 (87080703)	11.50510 (87011124)
-1357.0	11.51478 (87081603)	11.43611 (87111223)	11.42943 (87092424)	11.54410 (87082904)	10.53512 (87080703)

**MODELOPTs: CONC

RURAL FLAT

DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-986.00	-886.00	X-COORD (METERS) -786.00	-686.00	-586.00
1043.0	2.94554 (87122508)	2.82704 (87122508)	2.48964 (87122624)	2.24746c(87122608)	2.04157 (87052624)
943.0	2.82269c(87122608)	3.39508 (87122508)	2.93591 (87122508)	2.73374c(87122608)	2.52774 (87052624)
843.0	2.54575 (87050408)	3.24444c(87122608)	3.93122 (87122508)	3.31823 (87122624)	3.06302c(87122608)
743.0	2.63141 (87031824)	2.76519c(87080308)	3.77355c(87122608)	4.55236 (87122508)	3.79501 (87122624)
643.0	2.91347 (87031824)	3.12211 (87031824)	3.13333c(87080308)	4.44897c(87122608)	5.22092 (87122508)
543.0	3.17177 (87021408)	3.20435 (87031824)	3.75705 (87031824)	3.58842c(87080308)	5.34660c(87122608)
443.0	3.70444c(87112624)	3.68426c(87112624)	3.79659 (87032416)	4.58085 (87031824)	4.16130c(87080308)
343.0	3.79438c(87112624)	4.44477c(87112624)	4.82275c(87112624)	4.51926 (87031808)	5.57329 (87031824)
243.0	3.66718 (87032424)	4.19511 (87032424)	4.91473c(87112624)	6.08611c(87112624)	6.57032c(87112624)
143.0	3.38822 (87111608)	4.28375 (87111608)	4.86618 (87111608)	5.67290 (87032424)	6.49093c(87112624)
43.0	4.09268 (87121408)	4.63299 (87121408)	5.15831 (87121408)	5.44195 (87121408)	6.96356 (87111608)
-57.0	4.94896 (87112524)	5.04212 (87112524)	5.18879 (87032624)	5.61156 (87032624)	7.05487 (87121408)
-157.0	3.91452 (87032624)	4.48062 (87032624)	5.20288 (87032624)	6.09812 (87032624)	7.20178 (87032624)
-257.0	3.38425 (87112224)	3.67310 (87123108)	4.40029 (87110808)	5.80331 (87110808)	7.49208 (87110808)
-357.0	4.99400 (87041908)	5.19538 (87110808)	4.78779 (87110808)	4.65338 (87011424)	5.71209 (87110916)
-457.0	3.95011 (87031508)	3.78846 (87031508)	3.61245 (87031508)	4.62729 (87123108)	5.07055 (87101008)
-557.0	2.89626 (87111424)	3.28634 (87123108)	4.31155 (87101008)	6.36677 (87101008)	5.60977 (87072208)
-657.0	3.67793 (87101008)	5.33561 (87101008)	5.75970 (87101008)	4.34293 (87072208)	6.39254 (87110408)
-757.0	5.41915 (87101008)	4.23271 (87072208)	4.20313 (87110408)	4.96608 (87110408)	5.07046c(87061108)
-857.0	3.45309 (87072208)	3.87494 (87110408)	3.87689 (87110408)	4.75166c(87061108)	3.97546 (87011708)
-957.0	3.40699 (87110408)	3.33425 (87060708)	4.39865c(87061108)	3.58481c(87061108)	4.44680 (87011708)
-1057.0	3.64328 (87060708)	4.06626c(87061108)	3.35812 (87021108)	3.63562 (87011708)	4.20708c(87082208)
-1157.0	3.76320c(87061108)	3.61727 (87021108)	3.01951 (87011708)	4.35786 (87080324)	3.77314 (87032524)
-1257.0	3.78284 (87021108)	2.74186 (87052408)	4.66199 (87080324)	3.34717c(87082208)	3.76561 (87030724)
-1357.0	2.96084 (87052208)	4.34814 (87080324)	3.99839c(87082208)	3.62969 (87032524)	3.32514 (87030724)

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1987 Met
*** Revised building height = 38'

*** 11/23/99
*** 06:10:45
*** PAGE 20

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS) |	-486.00	-386.00	X-COORD (METERS) -286.00	-186.00	-86.00
1043.0 |	2.30352 (87091624)	2.43950 (87052424)	2.57232 (87062224)	2.10472 (87061824)	3.07951 (87070524)
943.0 |	2.20842 (87061208)	2.45658 (87052424)	2.81085 (87062224)	2.47286 (87070508)	3.08691 (87070524)
843.0 |	2.50346 (87052624)	2.65609 (87061208)	2.98455 (87052424)	2.64552 (87051808)	2.95793 (87070524)
743.0 |	3.23052c(87122608)	2.87122 (87061208)	3.34844 (87052424)	2.89656 (87122716)	3.16359 (87062208)
643.0 |	4.33692c(87122608)	3.23583 (87052624)	3.63408 (87061208)	3.96483 (87122716)	3.55769 (87061824)
543.0 |	5.88053 (87122508)	5.10268c(87122608)	4.03196 (87061208)	4.57452 (87052424)	4.54635 (87061824)
443.0 |	6.68854 (87122508)	6.66732 (87122624)	5.16068c(87122608)	5.56375 (87052424)	5.36182 (87061824)
343.0 |	5.55665 (87031824)	9.08836 (87122508)	8.30675c(87122608)	6.02182 (87061208)	7.19739 (87122716)
243.0 |	6.86335 (87032416)	7.91354 (87031824)	12.62849 (87122508)	10.08989c(87122608)	9.51144 (87052424)
143.0 |	8.71316c(87112624)	9.34895 (87032416)	11.77829 (87031824)	16.89935 (87122508)	10.65564 (87121424)
43.0 |	8.29588 (87111608)	8.93738 (87032424)	12.27240c(87112624)	16.25024 (87031824)	15.86893 (87060216)
-57.0 |	9.83294 (87121408)	13.15416 (87121408)	14.63552 (87121408)	19.54427 (87120724)	31.91035 (87031808)
-157.0 |	8.53493 (87032624)	10.00855 (87032624)	13.05895 (87022616)	18.03335 (87022616)	23.36786 (87010324)
-257.0 |	8.85203 (87110808)	9.60820 (87011424)	11.43228 (87110916)	14.33196 (87123108)	22.33047 (87020516)
-357.0 |	6.58600 (87123108)	8.25913 (87123108)	11.25889 (87020524)	12.56023 (87020516)	15.71012 (87011708)
-457.0 |	7.27021 (87101008)	7.92402 (87110408)	8.87932 (87110408)	13.79719 (87011708)	12.75263 (87030724)
-557.0 |	7.81120 (87110408)	6.09588 (87110408)	9.78784 (87011708)	13.04541 (87030724)	11.03228 (87090516)
-657.0 |	5.29524c(87061108)	6.99825 (87011708)	8.68632 (87011708)	8.35811 (87030724)	10.08443 (87090516)
-757.0 |	5.18237 (87011708)	7.04071 (87011708)	8.94285 (87030724)	6.01938 (87022408)	6.75894 (87090516)
-857.0 |	5.57727 (87011708)	5.62747 (87030724)	5.47586 (87030724)	5.77237 (87090516)	6.66809 (87122208)
-957.0 |	4.53296 (87011708)	6.02124 (87030724)	4.04828 (87022408)	5.39819 (87090516)	6.12611 (87122208)
-1057.0 |	4.64372 (87030724)	3.85309 (87030724)	3.28293 (87022408)	4.39969 (87090516)	5.29136 (87122208)
-1157.0 |	4.34172 (87030724)	3.33552 (87111408)	4.52718c(87103008)	4.97171c(87060308)	4.46872 (87122208)
-1257.0 |	3.02359c(87121224)	2.96253 (87072508)	4.82054c(87103008)	4.89167c(87060308)	3.75637 (87122208)
-1357.0 |	3.16869 (87111408)	2.93819c(87103008)	4.09722c(87103008)	4.35207 (87122208)	3.27225c(87122224)

**MODELOPTs: CONC

RURAL FLAT

DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	14.00	114.00	X-COORD (METERS) 214.00	314.00	414.00
1043.0	3.11220 (87061324)	3.59491 (87082624)	2.35286 (87061916)	3.56040 (87061808)	3.77877 (87091024)
943.0	3.34200 (87061424)	3.61955 (87082624)	2.62236 (87122008)	3.92174 (87061808)	4.03810 (87091024)
843.0	3.82061 (87061424)	3.59449 (87082624)	3.02686 (87122008)	3.87904 (87091024)	3.70885 (87091024)
743.0	4.44210 (87061424)	3.67599 (87040216)	3.52061 (87061808)	4.41045 (87091024)	3.49029 (87021124)
643.0	5.18422 (87061424)	4.22966 (87040216)	4.33416 (87061808)	4.83653 (87091024)	3.95523 (87091208)
543.0	6.03801 (87061424)	4.88494 (87040216)	5.07682 (87061808)	4.84138 (87011524)	5.87375 (87091208)
443.0	6.91054 (87061424)	5.69620 (87122008)	5.42647c (87091816)	4.91741 (87051508)	4.41706 (87081324)
343.0	7.48756 (87061424)	7.38398 (87122008)	6.98384 (87122016)	6.82980 (87091208)	6.10705 (87081324)
243.0	9.44745 (87062016)	9.63903 (87122008)	7.71518 (87122016)	7.35827 (87081324)	6.00818 (87081324)
143.0	12.86370 (87052816)	11.34272 (87122008)	9.59490 (87052124)	7.88454 (87081324)	9.65887 (87061508)
43.0	19.50904 (87052816)	15.74835 (87122016)	9.49609 (87041116)	15.16994 (87013008)	10.07537 (87120316)
-57.0	24.17491 (87121424)	19.50550 (87050116)	15.90772 (87013008)	16.58085 (87030824)	13.35119 (87081316)
-157.0	27.38343 (87010324)	18.72307 (87021216)	18.57149 (87041516)	16.60084 (87041516)	11.45560 (87113016)
-257.0	12.75167 (87090216)	32.53469 (87010108)	19.84794 (87012616)	12.03893 (87030916)	8.34264 (87121216)
-357.0	13.85106 (87092316)	22.85132 (87101216)	16.85217 (87112816)	13.65493 (87012616)	7.75889 (87121008)
-457.0	15.11042 (87012108)	16.06595 (87121716)	20.68527 (87010108)	13.38597 (87112816)	8.30520 (87013024)
-557.0	10.56002 (87060508)	11.24879 (87121716)	11.40711 (87021816)	10.80219 (87042308)	8.99708 (87112816)
-657.0	8.16755 (87122116)	9.77194 (87110416)	8.09279 (87101216)	11.05363 (87010108)	6.46398 (87081424)
-757.0	6.67526 (87090108)	8.81526 (87110416)	6.75864 (87110424)	6.99603 (87021816)	7.44117 (87042308)
-857.0	5.72534 (87090108)	7.64303 (87110416)	5.28996 (87110424)	5.60049 (87110508)	6.83628 (87010108)
-957.0	4.94417 (87090108)	6.55336 (87110416)	4.69223 (87121716)	4.08440 (87110508)	4.82680 (87010108)
-1057.0	4.31507 (87090108)	5.62305 (87110416)	3.99618 (87121716)	3.68857 (87040708)	4.56653 (87031308)
-1157.0	3.80060 (87090108)	4.85521 (87110416)	3.58100 (87042524)	3.52985 (87100108)	4.02490 (87110508)
-1257.0	3.59668c (87082924)	4.28304 (87031108)	3.49008 (87062408)	3.53348 (87100108)	3.10227 (87110508)
-1357.0	3.66801c (87060208)	3.98570 (87031108)	3.76883 (87062408)	3.63339 (87101724)	2.85724 (87040708)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	514.00	614.00	X-COORD (METERS) 714.00	814.00	914.00
1043.0	3.58236 (87021124)	3.35830 (87091208)	3.84950 (87091208)	2.77872 (87061724)	3.39784c(87091824)
943.0	3.13348 (87021124)	4.46620 (87091208)	2.31686 (87061724)	3.43506 (87061724)	3.22844c(87091824)
843.0	3.68991 (87091208)	4.04660 (87091208)	3.39156 (87061724)	3.74831c(87091824)	2.66319 (87081324)
743.0	5.09756 (87091208)	2.96669 (87081324)	3.90562c(87091824)	3.03509 (87081324)	2.41565 (87062608)
643.0	4.16058 (87091208)	3.72909 (87081324)	3.51172 (87081324)	2.67781 (87081324)	3.52759 (87081124)
543.0	4.16474 (87081324)	4.13752 (87081324)	3.12715 (87081324)	3.63525 (87081124)	3.44261 (87061508)
443.0	4.97815 (87081324)	3.75038 (87081324)	3.65746 (87081124)	4.42884 (87061508)	4.33352 (87122808)
343.0	4.65591 (87081324)	4.13818 (87061508)	5.68510 (87061508)	5.21711 (87073124)	6.29443 (87033008)
243.0	6.19192 (87061508)	6.76541 (87061508)	7.82150 (87033008)	6.00425 (87033008)	4.37619 (87050108)
143.0	9.05488 (87073124)	8.11268 (87033008)	5.44293 (87081208)	4.97096 (87081208)	4.89561 (87081316)
43.0	8.80215 (87081208)	7.40014 (87121208)	7.43193 (87081316)	6.26631 (87081316)	4.73265 (87081316)
-57.0	7.41919 (87081316)	4.64363 (87013016)	3.76206 (87081624)	3.45743 (87081624)	3.02481 (87081624)
-157.0	8.45764 (87113016)	6.44109 (87113016)	5.05705 (87113016)	4.07716 (87113016)	3.36217 (87113016)
-257.0	9.97662 (87121216)	8.20006 (87121216)	5.91889 (87121216)	4.12119 (87121216)	2.87342 (87121216)
-357.0	5.90587 (87033108)	4.29461 (87030916)	4.74204 (87121216)	5.35951 (87121216)	5.17945 (87121216)
-457.0	6.50053 (87122816)	5.05154 (87121008)	3.47574 (87033108)	2.77965 (87030916)	2.51921 (87010208)
-557.0	6.50489 (87013024)	4.95223 (87122816)	5.78714c(87091908)	3.34060c(87091908)	2.73901c(87091424)
-657.0	6.22234 (87112816)	5.16897 (87013024)	3.96645 (87080708)	4.16968c(87091908)	5.47549c(87091908)
-757.0	5.80104 (87081424)	4.51270 (87112816)	4.20366 (87013024)	3.76733 (87080708)	2.88837c(87042408)
-857.0	5.60421 (87042308)	4.80729 (87081424)	3.66105c(87121024)	3.69598 (87082908)	3.47182 (87080708)
-957.0	5.14371 (87042308)	4.21362 (87081424)	4.02334 (87031924)	3.38904c(87121024)	3.92442 (87082908)
-1057.0	4.73338 (87010108)	4.54874 (87042308)	4.24071 (87081424)	3.38775 (87031924)	3.12262c(87121024)
-1157.0	3.99801 (87100724)	4.17164c(87091508)	4.05613 (87082008)	3.94121 (87081424)	2.96711 (87081424)
-1257.0	4.68592 (87040808)	3.99540c(87091508)	4.18782 (87112908)	3.91241 (87082008)	3.52058 (87081424)
-1357.0	4.43370 (87040808)	3.56318 (87100724)	4.58929c(87091508)	4.23340 (87112908)	3.07263 (87081424)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	1014.00	1114.00	1214.00	1314.00	1414.00
1043.0	2.60416c(87091824)	2.21395c(87080724)	2.51635 (87062608)	2.84818 (87081124)	2.44082 (87081124)
943.0	2.36692 (87081324)	2.52446 (87062608)	3.02631 (87081124)	2.48366 (87060124)	2.55387 (87080424)
843.0	2.49591 (87062608)	3.20577 (87081124)	2.65909 (87060124)	2.70939 (87080424)	2.71377 (87043024)
743.0	3.37760 (87081124)	2.76780 (87060124)	2.84501 (87080424)	2.88749 (87043024)	3.14132c(87091224)
643.0	2.88449 (87080424)	3.18611 (87043024)	3.12459 (87122808)	3.68897c(87091224)	3.81345 (87033008)
543.0	3.53972 (87043024)	3.89969c(87091224)	4.42115 (87033008)	4.01630 (87033008)	3.79477 (87050108)
443.0	4.99006 (87033008)	4.98722 (87033008)	4.13539 (87050108)	3.99389 (87050108)	2.93975 (87050108)
343.0	4.57051 (87042024)	4.23609 (87050108)	2.97605 (87081208)	2.87136 (87081208)	3.02618 (87010724)
243.0	3.85764 (87081208)	3.39474 (87081316)	3.68162 (87081316)	3.81016 (87081316)	3.72719 (87081316)
143.0	5.04691 (87081316)	4.74258 (87081316)	4.14735 (87081316)	3.45168 (87081316)	2.78143 (87081316)
43.0	3.38069 (87081316)	2.87294 (87072808)	2.83823 (87072808)	2.53240 (87072808)	2.12320 (87072808)
-57.0	2.59106 (87081624)	2.35789 (87011224)	2.17443 (87011224)	2.00270 (87011224)	1.99143 (87113008)
-157.0	2.82469 (87113016)	2.46370 (87081108)	2.41048 (87081108)	2.34203 (87081108)	2.26636 (87081108)
-257.0	2.61160 (87091324)	2.59652 (87091324)	2.48069 (87091324)	2.48674 (87081108)	2.72526 (87081108)
-357.0	4.55114 (87121216)	3.82375 (87121216)	3.13777 (87121216)	2.54717 (87121216)	2.33904 (87091324)
-457.0	2.92542 (87010208)	3.14357 (87121216)	3.23958 (87121216)	3.12603 (87121216)	2.88406 (87121216)
-557.0	2.21164 (87040908)	2.02161 (87080208)	2.46366 (87071308)	2.64546 (87071308)	2.44653 (87042624)
-657.0	2.66067 (87040908)	3.12015c(87091424)	2.32823 (87040908)	2.00473 (87081008)	1.90250 (87081008)
-757.0	5.00921c(87091908)	4.57614c(87091908)	2.65765 (87012324)	3.25294c(87091424)	2.39392c(87091424)
-857.0	3.25939c(87042408)	3.48787c(87091908)	5.05186c(87091908)	3.69515c(87091908)	2.80410 (87012324)
-957.0	3.16058c(87091008)	3.31243c(87042408)	2.71609c(87042408)	4.11601c(87091908)	4.61571c(87091908)
-1057.0	4.01786 (87082908)	2.84042 (87080708)	3.14039c(87042408)	3.03702c(87042408)	2.91735c(87091908)
-1157.0	2.87279c(87121024)	4.01707 (87082908)	2.57472c(87042408)	3.22639c(87091008)	3.21665c(87042408)
-1257.0	2.71107c(87121024)	2.64423c(87121024)	3.95343 (87082908)	2.62909 (87082908)	3.34972c(87091008)
-1357.0	3.12288 (87081424)	2.77561c(87121024)	2.43836c(87121024)	3.84981 (87082908)	2.91957 (87082908)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 2ND HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS) |	-986.00	-886.00	X-COORD (METERS) -786.00	-686.00	-586.00
1043.0 |	2.67410c(87122608)	2.46912 (87061208)	2.40393c(87122608)	2.14655 (87052624)	1.81911 (87061208)
943.0 |	2.30132 (87122508)	3.00147c(87122608)	2.84147 (87122624)	2.61380 (87122624)	2.22138c(87122608)
843.0 |	2.46376c(87080308)	2.71659 (87122508)	3.39184c(87122608)	3.12806c(87122608)	2.62381 (87122624)
743.0 |	2.37774c(87080308)	2.61027 (87050408)	3.26463 (87122508)	3.86516c(87122608)	3.64738c(87122608)
643.0 |	2.57256 (87032416)	2.58280 (87092824)	2.66418 (87050408)	4.00744 (87122508)	4.45667c(87122608)
543.0 |	3.12257 (87031808)	3.12536 (87032416)	2.84803 (87092824)	3.15404 (87031824)	5.07602 (87122508)
443.0 |	2.85183 (87032408)	3.37782 (87031808)	3.56200 (87031808)	3.43470 (87032416)	4.09527 (87031824)
343.0 |	3.00326 (87031624)	3.40042 (87112616)	3.33365 (87032408)	4.50557 (87032416)	4.79028 (87032416)
243.0 |	3.43682 (87111608)	3.49088c(87112624)	4.02807 (87032424)	4.74177 (87112616)	5.22194 (87031808)
143.0 |	3.13350 (87011716)	3.78878 (87012416)	4.46106 (87012416)	4.70884 (87010916)	5.95593 (87032424)
43.0 |	3.33976 (87120808)	3.91791 (87112516)	4.63760 (87112808)	5.41564 (87120824)	6.15569 (87112416)
-57.0 |	4.55254c(87042008)	4.69563 (87032624)	4.98030 (87112524)	5.36415 (87122408)	6.55294 (87120808)
-157.0 |	3.46918c(87082124)	3.89368c(87082124)	4.39416c(87082124)	4.95550c(87082124)	5.90451 (87022616)
-257.0 |	3.16340 (87123108)	3.42700 (87112224)	4.25393 (87123108)	4.79242 (87123108)	5.32322 (87011424)
-357.0 |	4.97482 (87110808)	4.32579 (87041908)	4.64849 (87011424)	4.38269 (87110916)	4.77326 (87020424)
-457.0 |	2.83362 (87110916)	3.30267 (87110916)	3.31522 (87112708)	3.48472 (87011508)	5.05468 (87050608)
-557.0 |	2.77652c(87122308)	2.75712 (87011616)	3.70695 (87020108)	4.95472 (87110908)	5.04099 (87101008)
-657.0 |	3.17096 (87020108)	4.29629 (87110908)	4.56593 (87072208)	4.15395 (87110408)	3.81280 (87020516)
-757.0 |	4.13660 (87110908)	3.92872 (87101008)	3.59209 (87060808)	3.11754 (87052308)	3.46601 (87101508)
-857.0 |	3.20881 (87112408)	3.29618 (87060808)	2.96219 (87052108)	3.66755 (87101508)	3.90597c(87061108)
-957.0 |	3.16437 (87052308)	3.07384 (87110408)	3.69652 (87101508)	3.17472 (87011708)	3.56507 (87080324)
-1057.0 |	2.98913 (87120608)	3.65114 (87101508)	3.31758c(87061108)	3.36230 (87052608)	3.95383 (87011708)
-1157.0 |	3.56182 (87101508)	3.08829c(87061108)	2.86334 (87052608)	3.81969c(87082208)	3.27562 (87101608)
-1257.0 |	2.90767 (87101508)	2.72430 (87052208)	3.11560 (87052608)	3.08536 (87032524)	2.87013 (87060908)
-1357.0 |	2.92274 (87052408)	3.58221 (87052608)	2.68142 (87080324)	2.98567 (87101608)	2.77046c(87121224)

**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE 2ND HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS) |	-486.00	-386.00	X-COORD (METERS) -286.00	-186.00	-86.00
1043.0 |	2.06811 (87061208)	1.95331 (87121924)	2.12614 (87122716)	2.04037 (87070508)	2.94821 (87051824)
943.0 |	2.01175 (87062308)	2.27757 (87061208)	2.54627 (87122716)	2.33682 (87051808)	2.90252 (87051824)
843.0 |	2.24225 (87061208)	2.55324 (87091624)	2.72883 (87122716)	2.49441 (87061824)	2.76834 (87051824)
743.0 |	2.97219 (87052624)	2.36694 (87121424)	2.92171 (87061208)	2.72976 (87051816)	2.78069 (87102616)
643.0 |	4.16175 (87122624)	2.93207c(87122608)	3.33593 (87052424)	3.17859 (87052424)	3.51483 (87062208)
543.0 |	5.29057c(87122608)	4.24866 (87122624)	3.36496 (87011516)	4.44319 (87122716)	3.90156 (87051816)
443.0 |	6.55322c(87122608)	6.49350c(87122608)	4.32093 (87052624)	5.30997 (87061208)	5.14511 (87051816)
343.0 |	4.91613 (87123124)	8.09187c(87122608)	7.94300 (87122624)	5.45661 (87121424)	6.08262 (87051816)
243.0 |	6.28029 (87031824)	6.52483 (87123124)	9.91664c(87122608)	7.63656 (87122624)	8.95531 (87121924)
143.0 |	7.08425 (87112616)	9.03894 (87031808)	8.61182 (87123124)	12.77944 (87062124)	9.36894 (87041224)
43.0 |	7.69314 (87012416)	8.42606 (87122416)	11.10761 (87032408)	15.21597 (87032416)	14.84477 (87122508)
-57.0 |	8.28999 (87120808)	10.72656 (87112808)	14.20399 (87111608)	18.30207 (87111608)	26.16176 (87032416)
-157.0 |	7.45667 (87022616)	9.70161 (87022616)	12.06861 (87120708)	15.92966 (87010324)	23.04009 (87022616)
-257.0 |	7.50407 (87011424)	8.38084 (87110808)	8.98643 (87121324)	11.92758 (87030624)	17.57289 (87030616)
-357.0 |	5.85980 (87011508)	7.58911 (87011616)	10.46447 (87011508)	12.17159 (87110408)	14.84241 (87022724)
-457.0 |	6.62242 (87011508)	7.29689 (87051016)	8.01030 (87010408)	11.76261 (87022724)	9.26990 (87020508)
-557.0 |	5.20488 (87020516)	5.80548 (87010408)	7.33490 (87022724)	9.90856 (87011708)	9.53663c(87122108)
-657.0 |	4.32314 (87110408)	4.79623c(87061108)	6.43979 (87022424)	6.28161 (87020416)	8.10837c(87122108)
-757.0 |	4.30523c(87061108)	5.39936 (87022724)	5.63926 (87011708)	5.36421 (87020508)	6.21841 (87122208)
-857.0 |	4.30313 (87022724)	5.17431 (87011708)	4.78065 (87020416)	5.21847c(87122108)	5.09121 (87060508)
-957.0 |	3.47100c(87082208)	3.56483 (87011708)	3.65394 (87110316)	5.19860c(87103008)	4.82978 (87060508)
-1057.0 |	3.41542 (87011708)	3.60669 (87020416)	3.21226 (87090516)	4.26532c(87060308)	4.30568 (87060508)
-1157.0 |	2.65777 (87020416)	2.85585 (87072508)	3.49428 (87090516)	4.28587 (87122208)	3.90624c(87083008)
-1257.0 |	2.95376 (87030724)	2.64692 (87022408)	3.39896 (87090516)	4.50074 (87122208)	3.54430c(87083008)
-1357.0 |	2.44384 (87072508)	2.83136 (87110108)	3.15131c(87060308)	4.32600c(87060308)	3.23228c(87090124)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 2ND HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS) |	14.00	114.00	X-COORD (METERS) 214.00	314.00	414.00
1043.0 |	3.00578 (87070524)	2.66512 (87040216)	2.33339 (87051124)	2.62086 (87091024)	2.28811 (87041208)
943.0 |	3.32679 (87070524)	2.93043 (87040216)	2.48360 (87061916)	3.22200 (87091024)	2.84117 (87041208)
843.0 |	3.71965 (87070524)	3.25315 (87040216)	2.86146 (87061808)	3.85600 (87061808)	3.26856 (87011524)
743.0 |	4.21431 (87070524)	3.62358 (87050624)	3.50353 (87122008)	3.13514 (87061808)	3.47842 (87051508)
643.0 |	4.80171 (87070524)	4.17037 (87050624)	4.13762 (87121116)	3.93764 (87011524)	3.25511 (87051508)
543.0 |	5.46405 (87070524)	4.76988 (87050624)	4.87002 (87121116)	4.34149 (87051508)	3.93154c(87122024)
443.0 |	6.18565 (87082624)	5.60406 (87040216)	5.17381 (87121116)	4.53673 (87081224)	4.15008 (87091208)
343.0 |	7.40132 (87062016)	6.83810 (87061916)	6.11632 (87091024)	5.79993 (87052124)	4.64641c(87050124)
243.0 |	8.26850 (87062208)	8.88500 (87061916)	7.62565 (87070424)	5.57518c(87050124)	5.17897 (87061524)
143.0 |	11.35257 (87062016)	11.12530 (87061916)	9.47058 (87043016)	7.00505 (87081216)	9.38433 (87013008)
43.0 |	15.88022 (87051816)	15.46425c(87091816)	9.12453 (87081324)	13.99201 (87061508)	9.65648 (87033008)
-57.0 |	16.06574 (87061116)	16.39069 (87043016)	13.87608 (87041016)	14.24816 (87081316)	9.85932 (87013016)
-157.0 |	21.00813 (87022616)	16.55351 (87011016)	16.14348 (87011216)	15.42562 (87113016)	11.02722 (87041516)
-257.0 |	12.56537 (87110116)	25.79950 (87111116)	19.69213 (87122824)	11.89193 (87033108)	7.40095 (87021216)
-357.0 |	13.23050 (87012108)	17.74619 (87012016)	15.10012 (87121516)	12.26182 (87122824)	7.27563 (87011016)
-457.0 |	13.76319 (87060508)	13.77967 (87102108)	12.19909 (87102716)	7.59814 (87010116)	7.45298 (87122824)
-557.0 |	10.22499 (87012108)	9.73730 (87102108)	8.84847 (87101208)	8.81485 (87121516)	5.72137 (87020808)
-657.0 |	7.84272 (87090108)	8.30961 (87090524)	7.39120 (87110424)	6.81026 (87042308)	6.14453 (87121516)
-757.0 |	6.53134 (87122116)	7.55686 (87090524)	5.90306 (87101216)	6.46412 (87010108)	5.65792 (87010108)
-857.0 |	5.42719 (87020624)	6.54639 (87090524)	5.17861 (87121716)	5.54294 (87021816)	4.66439 (87090608)
-957.0 |	4.82450 (87020624)	5.58576 (87090524)	4.23041 (87062708)	4.00349 (87101216)	4.36170 (87090608)
-1057.0 |	4.25733 (87020624)	4.95924 (87031108)	3.85221 (87042524)	3.59881 (87110424)	4.55749 (87040808)
-1157.0 |	3.75975 (87020624)	4.61690 (87031108)	3.36430 (87121716)	3.48456 (87040708)	3.62757 (87031308)
-1257.0 |	3.46218c(87060208)	4.26575 (87110416)	3.22799 (87031108)	3.43093 (87062708)	2.76803 (87112024)
-1357.0 |	3.52991c(87082924)	3.77721 (87110416)	3.38333 (87031108)	3.28492 (87062708)	2.84327 (87112024)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 2ND HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	514.00	614.00	714.00	814.00	914.00
1043.0 |	2.76981 (87070308)	2.51133c (87122024)	2.36162c (87122024)	2.23821 (87081324)	2.96703 (87061724)
943.0 |	2.61168 (87051508)	2.92398c (87122024)	2.29095 (87091208)	2.94463c (87091824)	2.67017 (87081324)
843.0 |	2.70646c (87122024)	2.68800c (87122024)	2.84483 (87081324)	2.97431 (87081324)	2.34039c (87080724)
743.0 |	3.40479c (87122024)	2.82632 (87061724)	3.32679 (87081324)	2.63732 (87062108)	2.33992 (87081324)
643.0 |	3.07542c (87122024)	3.63038 (87061724)	2.93151 (87062108)	2.51237 (87061524)	2.85792c (87091824)
543.0 |	3.58525 (87061724)	3.13017c (87050124)	2.90363 (87061524)	2.94850c (87080724)	3.11826 (87080424)
443.0 |	3.78217c (87050124)	3.45827 (87061524)	3.19311 (87080824)	3.65726 (87043024)	3.93645 (87073124)
343.0 |	4.21230 (87061524)	4.09104 (87013008)	4.61249 (87122808)	5.15644 (87033008)	4.46385 (87042024)
243.0 |	5.99252 (87013008)	6.13928 (87122808)	5.78879 (87073124)	5.26783 (87042024)	3.88995 (87042024)
143.0 |	7.95304 (87033008)	6.28367 (87042024)	5.05562 (87120316)	4.88912 (87121208)	4.43427 (87121208)
43.0 |	8.79103 (87030824)	7.35450 (87081316)	5.38855 (87121208)	4.65676 (87042108)	3.96294 (87042108)
-57.0 |	7.04926 (87013016)	4.35272 (87113016)	3.24986 (87113016)	2.78991 (87011224)	2.70605 (87011224)
-157.0 |	7.80124 (87041516)	5.88887 (87041516)	4.63786 (87041516)	3.76786 (87041516)	3.13526 (87041516)
-257.0 |	6.01428 (87020816)	4.28416 (87030808)	3.35585 (87030808)	2.74413 (87011216)	2.53889 (87011308)
-357.0 |	5.14016 (87012216)	4.26063 (87021216)	3.56812 (87010208)	3.40801 (87041708)	2.58303 (87030808)
-457.0 |	6.13510 (87011016)	4.27899c (87091908)	3.13339 (87121008)	2.61285 (87090616)	2.48437 (87080208)
-557.0 |	4.93194 (87122824)	4.72680 (87122824)	4.33133 (87121008)	3.32409 (87121008)	2.40652 (87040908)
-657.0 |	4.29557 (87012608)	3.63245 (87031116)	3.61013 (87012616)	3.09431 (87121008)	3.05403 (87121008)
-757.0 |	4.80036 (87031924)	3.92812c (87121024)	3.23265 (87082908)	2.96754c (87042408)	2.63975 (87122816)
-857.0 |	4.28103 (87082008)	4.61221 (87031924)	3.37676 (87112816)	3.51753 (87013024)	3.29053c (87091008)
-957.0 |	4.34092 (87010108)	4.19285 (87082008)	3.95148 (87081424)	2.71080 (87112816)	3.03847 (87013024)
-1057.0 |	3.66066c (87091508)	4.29840 (87112908)	3.26258 (87031924)	3.35222 (87081424)	2.46254 (87062508)
-1157.0 |	3.71953 (87010108)	4.14908c (87100608)	3.93257 (87112908)	3.40052 (87031924)	2.83288 (87031924)
-1257.0 |	4.14743 (87100708)	3.64063 (87010108)	3.67559 (87042308)	3.35801 (87122924)	3.26950 (87031924)
-1357.0 |	3.85996 (87100708)	3.00974 (87010108)	4.13049c (87100608)	3.83053 (87011208)	3.01748 (87082008)

**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE 2ND HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS) |	X-COORD (METERS)				
	1014.00	1114.00	1214.00	1314.00	1414.00
1043.0 |	2.41001 (87081324)	2.12645 (87081324)	1.76685c(87040208)	2.76001c(87091824)	2.34155c(87080724)
943.0 |	2.30668c(87080724)	1.86700 (87081324)	2.81702c(87091824)	2.38956 (87081124)	2.19147 (87082324)
843.0 |	2.07707 (87081324)	2.85595c(87091824)	2.44353 (87080424)	2.43504 (87082324)	2.32740 (87080424)
743.0 |	2.87122c(87091824)	2.66249 (87080424)	2.77194 (87043024)	2.67693 (87122808)	2.64329c(87040208)
643.0 |	2.74454 (87060124)	2.94564 (87061508)	3.10854c(87091224)	3.48752 (87033008)	3.44105c(87091224)
543.0 |	3.52020 (87122808)	3.51461 (87073124)	3.95811c(87091224)	3.65600 (87042024)	3.69960 (87042024)
443.0 |	4.49287c(87091224)	4.03382 (87042024)	4.07873 (87042024)	3.60241 (87042024)	2.74876 (87091324)
343.0 |	4.51979 (87033008)	3.77989 (87042024)	2.80301 (87050108)	2.86797 (87021324)	2.95120 (87041108)
243.0 |	3.47597 (87121208)	3.27207 (87121208)	3.09648 (87010724)	3.00808 (87042108)	2.95025 (87042108)
143.0 |	3.72755 (87042108)	3.65664 (87042108)	3.35135 (87042108)	2.91415 (87042108)	2.45038 (87042108)
43.0 |	3.12509 (87042108)	2.42911 (87042108)	2.14561 (87080108)	1.86386 (87011224)	1.92771 (87081708)
-57.0 |	2.54460 (87011224)	2.21934 (87081624)	1.91085 (87081624)	1.93555 (87113008)	1.84606 (87011224)
-157.0 |	2.65244 (87041516)	2.43708 (87113016)	2.17646 (87113016)	2.01499 (87041516)	1.92141 (87080408)
-257.0 |	2.44037 (87080608)	2.36079 (87080608)	2.24534 (87080608)	2.33141 (87091324)	2.17299 (87091324)
-357.0 |	2.42443 (87042324)	2.30618 (87042324)	2.07930 (87011308)	2.25230 (87011308)	2.27305 (87011308)
-457.0 |	2.81995 (87121216)	2.89769 (87041708)	2.46307 (87041708)	1.84974 (87042324)	2.18527 (87042324)
-557.0 |	2.06325 (87012224)	1.93942 (87081008)	2.20143 (87010208)	2.52368 (87042624)	2.36886 (87041708)
-657.0 |	2.58055c(87060408)	2.39928 (87040908)	1.98605c(87091424)	1.80896c(87050824)	1.69119 (87071308)
-757.0 |	3.06246 (87040908)	2.80210 (87040908)	2.53318 (87040908)	2.48221 (87012324)	2.27247 (87040908)
-857.0 |	2.68342 (87080708)	2.85348 (87100224)	2.90519 (87040908)	2.99950c(87060408)	2.45009c(87091424)
-957.0 |	3.15312 (87080708)	2.91305 (87080708)	2.49550 (87082408)	2.86763 (87100224)	2.60987 (87040908)
-1057.0 |	2.66810 (87013024)	2.81159c(87091008)	2.98185 (87080708)	2.20022 (87081708)	2.80630 (87082408)
-1157.0 |	2.44095 (87062508)	2.37744 (87013024)	2.54394 (87080708)	2.93093 (87080708)	2.39551 (87081708)
-1257.0 |	2.70455 (87081424)	2.38191 (87062508)	2.14574 (87013024)	2.40392c(87042408)	2.81345 (87080708)
-1357.0 |	3.01358 (87031924)	2.50112 (87081424)	2.30215 (87062508)	1.95839 (87013024)	2.22920c(87042408)

**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE MAXIMUM 50 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 , ***

** CONC OF CO IN MICROGRAMS/M**3 **

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR, YR)	OF TYPE	RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR, YR)	OF TYPE		
1.	78.86100	(87030623)	AT (	14.00,	-157.00)	GC	26.	56.09131	(87010308)	AT (	14.00,	-157.00)	GC
2.	74.41817	(87022706)	AT (	14.00,	-157.00)	GC	27.	54.67350	(87010319)	AT (	14.00,	-157.00)	GC
3.	74.26744	(87022614)	AT (	14.00,	-157.00)	GC	28.	53.44665	(87010315)	AT (	14.00,	-157.00)	GC
4.	73.96658	(87011904)	AT (	114.00,	-157.00)	GC	29.	53.41161	(87051006)	AT (	14.00,	-157.00)	GC
5.	71.94323	(87021212)	AT (	114.00,	-157.00)	GC	30.	52.44800	(87121423)	AT (	14.00,	-57.00)	GC
6.	71.83051	(87020214)	AT (	114.00,	-157.00)	GC	31.	52.43830	(87061613)	AT (	114.00,	-57.00)	GC
7.	71.59225	(87120312)	AT (	114.00,	-157.00)	GC	32.	52.37900	(87022110)	AT (	14.00,	-157.00)	GC
8.	71.44938	(87020517)	AT (	14.00,	-157.00)	GC	33.	52.33962	(87021610)	AT (	114.00,	-157.00)	GC
9.	69.41490	(87030912)	AT (	114.00,	-157.00)	GC	34.	52.17916	(87012921)	AT (	114.00,	-57.00)	GC
10.	68.70628	(87011015)	AT (	114.00,	-157.00)	GC	35.	51.85751	(87082614)	AT (	14.00,	-57.00)	GC
11.	68.11456	(87022207)	AT (	14.00,	-157.00)	GC	36.	51.84003	(87070217)	AT (	114.00,	-57.00)	GC
12.	67.67772	(87030106)	AT (	114.00,	-157.00)	GC	37.	51.75624	(87032917)	AT (	14.00,	-57.00)	GC
13.	67.55312	(87123107)	AT (	14.00,	-157.00)	GC	38.	51.66993	(87012423)	AT (	14.00,	-57.00)	GC
14.	66.74721	(87102209)	AT (	14.00,	-157.00)	GC	39.	51.59625	(87061517)	AT (	114.00,	-57.00)	GC
15.	66.43359	(87022409)	AT (	14.00,	-157.00)	GC	40.	51.49683	(87121504)	AT (	114.00,	-57.00)	GC
16.	64.84729	(87010317)	AT (	14.00,	-157.00)	GC	41.	51.46153	(87090813)	AT (	114.00,	-57.00)	GC
17.	63.72079	(87011016)	AT (	114.00,	-157.00)	GC	42.	51.45070	(87070411)	AT (	114.00,	-157.00)	GC
18.	63.22206	(87022705)	AT (	14.00,	-157.00)	GC	43.	51.02732	(87122810)	AT (	114.00,	-257.00)	GC
19.	63.03594	(87123110)	AT (	14.00,	-157.00)	GC	44.	50.81379	(87011820)	AT (	114.00,	-57.00)	GC
20.	62.74641	(87121013)	AT (	114.00,	-157.00)	GC	45.	50.71965	(87031018)	AT (	114.00,	-257.00)	GC
21.	62.33075	(87021209)	AT (	114.00,	-157.00)	GC	46.	50.70958	(87062417)	AT (	114.00,	-57.00)	GC
22.	61.08581	(87011212)	AT (	114.00,	-157.00)	GC	47.	50.66608	(87071915)	AT (	14.00,	-257.00)	GC
23.	60.40413	(87072815)	AT (	114.00,	-157.00)	GC	48.	50.56058	(87102114)	AT (	114.00,	-257.00)	GC
24.	58.04789	(87041111)	AT (	114.00,	-157.00)	GC	49.	50.51764	(87052419)	AT (	14.00,	-57.00)	GC
25.	56.15503	(87120801)	AT (	14.00,	-157.00)	GC	50.	50.51591	(87120409)	AT (	114.00,	-257.00)	GC

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

**MODELOPTs: CONC

RURAL FLAT

DEFAULT

*** THE MAXIMUM 50 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 ,

** CONC OF CO IN MICROGRAMS/M**3

**

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR, YR)	OF TYPE	RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR, YR)	OF TYPE		
1.	32.53469	(87010108)	AT (	114.00,	-257.00)	GC	26.	18.72307	(87021216)	AT (	114.00,	-157.00)	GC
2.	31.91035	(87031808)	AT (	-86.00,	-57.00)	GC	27.	18.57149	(87041516)	AT (	214.00,	-157.00)	GC
3.	27.38343	(87010324)	AT (	14.00,	-157.00)	GC	28.	18.30207	(87111608)	AT (	-186.00,	-57.00)	GC
4.	26.16176	(87032416)	AT (	-86.00,	-57.00)	GC	29.	18.03335	(87022616)	AT (	-186.00,	-157.00)	GC
5.	25.79950	(87111116)	AT (	114.00,	-257.00)	GC	30.	17.90629	(87012616)	AT (	114.00,	-257.00)	GC
6.	25.79603	(87102716)	AT (	114.00,	-257.00)	GC	31.	17.77874	(87011016)	AT (	214.00,	-257.00)	GC
7.	25.45721	(87031716)	AT (	-86.00,	-57.00)	GC	32.	17.74619	(87012016)	AT (	114.00,	-357.00)	GC
8.	24.78604	(87111108)	AT (	114.00,	-257.00)	GC	33.	17.57289	(87030616)	AT (	-86.00,	-257.00)	GC
9.	24.17491	(87121424)	AT (	14.00,	-57.00)	GC	34.	17.51145	(87102816)	AT (	114.00,	-257.00)	GC
10.	23.36786	(87010324)	AT (	-86.00,	-157.00)	GC	35.	17.46689	(87011108)	AT (	114.00,	-257.00)	GC
11.	23.04009	(87022616)	AT (	-86.00,	-157.00)	GC	36.	17.34118	(87040316)	AT (	114.00,	-357.00)	GC
12.	22.85132	(87101216)	AT (	114.00,	-357.00)	GC	37.	17.31654	(87120816)	AT (	-186.00,	-57.00)	GC
13.	22.43726	(87121608)	AT (	114.00,	-257.00)	GC	38.	16.89935	(87122508)	AT (	-186.00,	143.00)	GC
14.	22.33047	(87020516)	AT (	-86.00,	-257.00)	GC	39.	16.85217	(87112816)	AT (	214.00,	-357.00)	GC
15.	21.00813	(87022616)	AT (	14.00,	-157.00)	GC	40.	16.67461	(87112016)	AT (	114.00,	-257.00)	GC
16.	20.68527	(87010108)	AT (	214.00,	-457.00)	GC	41.	16.60084	(87041516)	AT (	314.00,	-157.00)	GC
17.	19.84794	(87012616)	AT (	214.00,	-257.00)	GC	42.	16.59937	(87022208)	AT (	-86.00,	-157.00)	GC
18.	19.79269	(87032408)	AT (	-86.00,	-57.00)	GC	43.	16.58085	(87030824)	AT (	314.00,	-57.00)	GC
19.	19.69213	(87122824)	AT (	214.00,	-257.00)	GC	44.	16.55351	(87011016)	AT (	114.00,	-157.00)	GC
20.	19.54427	(87120724)	AT (	-186.00,	-57.00)	GC	45.	16.49756	(87121616)	AT (	114.00,	-257.00)	GC
21.	19.50904	(87052816)	AT (	14.00,	43.00)	GC	46.	16.39800	(87101224)	AT (	114.00,	-357.00)	GC
22.	19.50550	(87050116)	AT (	114.00,	-57.00)	GC	47.	16.39069	(87043016)	AT (	114.00,	-57.00)	GC
23.	19.28364	(87022708)	AT (	14.00,	-157.00)	GC	48.	16.31353	(87070216)	AT (	114.00,	-57.00)	GC
24.	18.88125	(87092716)	AT (	-86.00,	-57.00)	GC	49.	16.25024	(87031824)	AT (	-186.00,	43.00)	GC
25.	18.87175	(87011116)	AT (	114.00,	-257.00)	GC	50.	16.14348	(87011216)	AT (	214.00,	-157.00)	GC

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

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1987 Met
*** Revised building height = 38'

*** 11/23/99
06:10:45
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**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL HIGH 1ST HIGH VALUE IS	78.86100	ON 87030623: AT (	14.00, -157.00, 0.00,	0.00) GC	100METER
HIGH 2ND HIGH VALUE IS	74.41817	ON 87022706: AT (	14.00, -157.00, 0.00,	0.00) GC	100METER

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

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1987 Met
*** Revised building height = 38'

*** 11/23/99
06:10:45
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**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL HIGH 1ST HIGH VALUE IS	32.53469	ON 87010108: AT (	114.00, -257.00, 0.00,	0.00) GC	100METER
HIGH 2ND HIGH VALUE IS	26.16176	ON 87032416: AT (	-86.00, -57.00, 0.00,	0.00) GC	100METER

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

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1987 Met
*** Revised building height = 38'

11/23/99
06:10:45
PAGE 33

**MODELOPTS: CONC

RURAL FLAT

DEFAULT

*** Message Summary : ISCST3 Model Execution ***

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

A Total of 0 Fatal Error Message(s)
A Total of 0 Warning Message(s)
A Total of 327 Informational Message(s)
A Total of 326 Calm Hours Identified

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

***** WARNING MESSAGES *****
*** NONE ***

*** ISCST3 Finishes Successfully ***

ISCST3 CO 1988

** The results for this run are in file 12ST88C.OUT.

**

CO STARTING

TITLEONE FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1988 Met
TITLETWO Revised building height = 38'
MODELOPT DFAULT RURAL CONC
AVERTIME 1 8
POLLUTID CO
RUNORNOT RUN
ERRORFIL ERRORS.OUT

CO FINISHED

SO STARTING

LOCATION 1207 POINT 214.0 -157.0

** Point Source QS HS TS VS DS
** Parameters: ---
SRCPARAM 1207 1.351 17.68 718.1 13.85 2.66

SO BUILDHGT 1207	11.58	11.58	11.58	11.58	11.58	11.58
SO BUILDHGT 1207	11.58	11.58	11.58	.00	.00	.00
SO BUILDHGT 1207	11.58	11.58	11.58	11.58	11.58	11.58
SO BUILDHGT 1207	11.58	11.58	11.58	11.58	11.58	11.58
SO BUILDHGT 1207	11.58	11.58	11.58	.00	.00	.00
SO BUILDHGT 1207	11.58	11.58	11.58	11.58	11.58	11.58
SO BUILDWID 1207	26.13	27.08	27.21	26.52	25.01	22.75
SO BUILDWID 1207	19.80	16.24	12.19	.00	.00	.00
SO BUILDWID 1207	6.33	10.84	15.02	18.74	21.90	24.38
SO BUILDWID 1207	26.13	27.08	27.21	26.52	25.01	22.75
SO BUILDWID 1207	19.80	16.24	12.19	.00	.00	.00
SO BUILDWID 1207	6.33	10.84	15.02	18.74	21.90	24.38

SO LOCATION GEN03 POINT 62.2 -150.3

** Parameters QS HS TS VS DS
** ---
SO SRCPARAM GEN03 0.283 6.10 644.26 45.49 0.2

SO BUILDHGT GEN03	3.66	3.66	3.66	3.66	3.66	3.66
SO BUILDHGT GEN03	3.66	3.66	3.66	3.66	3.66	3.66
SO BUILDHGT GEN03	3.66	3.66	3.66	3.66	3.66	3.66
SO BUILDHGT GEN03	3.66	3.66	3.66	3.66	3.66	3.66
SO BUILDHGT GEN03	3.66	3.66	3.66	3.66	3.66	3.66
SO BUILDHGT GEN03	3.66	3.66	3.66	3.66	3.66	3.66
SO BUILDWID GEN03	40.35	39.84	38.13	35.25	31.31	26.41
SO BUILDWID GEN03	20.71	14.38	7.62	14.38	20.71	26.41
SO BUILDWID GEN03	31.31	35.25	38.13	39.84	40.35	39.62
SO BUILDWID GEN03	40.35	39.84	38.13	35.25	31.31	26.41
SO BUILDWID GEN03	20.71	14.38	7.62	14.38	20.71	26.41

SO BUILDWID GEN03 31.31 35.25 38.13 39.84 40.35 39.62

SO SRCGROUP ALL
SO FINISHED

RE STARTING
 GRIDCART 100METER STA
 GRIDCART 100METER XYINC -986 25 100 -1357 25 100
 GRIDCART 100METER END
RE FINISHED

ME STARTING
 INPUTFIL 12ST88.ASC
 ANEMHGHT 10
 SURFDATA 13899 1988 PENSACOLA
 UAIRDATA 12832 1988 APALACHICOLA
ME FINISHED

OU STARTING
 RECTABLE ALLAVE FIRST SECOND
 MAXTABLE ALLAVE 50
OU FINISHED

*** SETUP Finishes Successfully ***

**MODELOPTs: CONC

RURAL FLAT

DEFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

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

-- SCAVENGING/DEPOSITION LOGIC --

**Model Uses NO DRY DEPLETION. DDPLETE = F

**Model Uses NO WET DEPLETION. WDPLETE = F

**NO WET SCAVENGING Data Provided.

**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses RURAL Dispersion.

**Model Uses Regulatory DEFAULT Options:

1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.
8. "Upper Bound" Values for Supersquat Buildings.
9. No Exponential Decay for RURAL Mode

**Model Assumes Receptors on FLAT Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates 2 Short Term Average(s) of: 1-HR 8-HR

**This Run Includes: 2 Source(s); 1 Source Group(s); and 625 Receptor(s)

**The Model Assumes A Pollutant Type of: CO

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

**Output Options Selected:

Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)

Model Outputs Tables of Overall Maximum Short Term Values (MAXTABLE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1988 Met
*** Revised building height = 38'

*** 11/23/99
06:11:16
PAGE 3

**MODELOPTs: CONC

RURAL FLAT DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID

SOURCE IDs

ALL 1207 , GEN03 ,

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1988 Met
*** Revised building height = 38'

*** 11/23/99
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**MODELOPTs: CONC

RURAL FLAT DFAULT

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: 1207

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	11.6,	26.1,	0	2	11.6,	27.1,	0	3	11.6,	27.2,	0	4	11.6,	26.5,	0	5	11.6,	25.0,	0	6	11.6,	22.8,	0
7	11.6,	19.8,	0	8	11.6,	16.2,	0	9	11.6,	12.2,	0	10	0.0,	0.0,	0	11	0.0,	0.0,	0	12	0.0,	0.0,	0
13	11.6,	6.3,	0	14	11.6,	10.8,	0	15	11.6,	15.0,	0	16	11.6,	18.7,	0	17	11.6,	21.9,	0	18	11.6,	24.4,	0
19	11.6,	26.1,	0	20	11.6,	27.1,	0	21	11.6,	27.2,	0	22	11.6,	26.5,	0	23	11.6,	25.0,	0	24	11.6,	22.8,	0
25	11.6,	19.8,	0	26	11.6,	16.2,	0	27	11.6,	12.2,	0	28	0.0,	0.0,	0	29	0.0,	0.0,	0	30	0.0,	0.0,	0
31	11.6,	6.3,	0	32	11.6,	10.8,	0	33	11.6,	15.0,	0	34	11.6,	18.7,	0	35	11.6,	21.9,	0	36	11.6,	24.4,	0

SOURCE ID: GEN03

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	3.7,	40.3,	0	2	3.7,	39.8,	0	3	3.7,	38.1,	0	4	3.7,	35.3,	0	5	3.7,	31.3,	0	6	3.7,	26.4,	0
7	3.7,	20.7,	0	8	3.7,	14.4,	0	9	3.7,	7.6,	0	10	3.7,	14.4,	0	11	3.7,	20.7,	0	12	3.7,	26.4,	0
13	3.7,	31.3,	0	14	3.7,	35.3,	0	15	3.7,	38.1,	0	16	3.7,	39.8,	0	17	3.7,	40.3,	0	18	3.7,	39.6,	0
19	3.7,	40.3,	0	20	3.7,	39.8,	0	21	3.7,	38.1,	0	22	3.7,	35.3,	0	23	3.7,	31.3,	0	24	3.7,	26.4,	0
25	3.7,	20.7,	0	26	3.7,	14.4,	0	27	3.7,	7.6,	0	28	3.7,	14.4,	0	29	3.7,	20.7,	0	30	3.7,	26.4,	0
31	3.7,	31.3,	0	32	3.7,	35.3,	0	33	3.7,	38.1,	0	34	3.7,	39.8,	0	35	3.7,	40.3,	0	36	3.7,	39.6,	0

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1988 Met
*** Revised building height = 38'

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**MODELOPTs: CONC

RURAL FLAT DFAULT

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

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

-986.0,	-886.0,	-786.0,	-686.0,	-586.0,	-486.0,	-386.0,	-286.0,	-186.0,	-86.0,
14.0,	114.0,	214.0,	314.0,	414.0,	514.0,	614.0,	714.0,	814.0,	914.0,
1014.0,	1114.0,	1214.0,	1314.0,	1414.0,					

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

-1357.0,	-1257.0,	-1157.0,	-1057.0,	-957.0,	-857.0,	-757.0,	-657.0,	-557.0,	-457.0,
-357.0,	-257.0,	-157.0,	-57.0,	43.0,	143.0,	243.0,	343.0,	443.0,	543.0,
643.0,	743.0,	843.0,	943.0,	1043.0,					

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1988 Met
*** Revised building height = 38'

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**MODELOPTs: CONC

RURAL FLAT DFAULT

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR 3*ZLB IN DISTANCE, OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)		DISTANCE (METERS)
1207	214.0	-157.0	0.00

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

FILE: 12ST88.ASC

FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)

SURFACE STATION NO.: 13899

UPPER AIR STATION NO.: 12832

NAME: PENSACOLA

NAME: APALACHICOLA

YEAR: 1988

YEAR: 1988

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING HEIGHT (M) RURAL	MIXING HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
88	1	1	1	261.0	3.09	290.4	4	545.7	545.7	0.0000	0.0	0.0000	0	0.00
88	1	1	2	288.0	4.12	290.4	4	509.4	509.4	0.0000	0.0	0.0000	0	0.00
88	1	1	3	14.0	3.09	290.4	4	473.1	473.1	0.0000	0.0	0.0000	0	0.00
88	1	1	4	33.0	3.09	290.4	4	436.8	436.8	0.0000	0.0	0.0000	0	0.00
88	1	1	5	23.0	4.12	289.8	4	400.5	400.5	0.0000	0.0	0.0000	0	0.00
88	1	1	6	12.0	2.06	289.8	4	364.2	364.2	0.0000	0.0	0.0000	0	0.00
88	1	1	7	5.0	2.57	289.8	4	328.0	328.0	0.0000	0.0	0.0000	0	0.00
88	1	1	8	3.0	2.06	290.4	4	291.7	291.7	0.0000	0.0	0.0000	0	0.00
88	1	1	9	357.0	3.60	290.4	4	255.4	255.4	0.0000	0.0	0.0000	0	0.00
88	1	1	10	321.0	3.60	290.4	4	219.1	219.1	0.0000	0.0	0.0000	0	0.00
88	1	1	11	264.0	1.54	289.8	4	182.8	182.8	0.0000	0.0	0.0000	0	0.00
88	1	1	12	296.0	4.12	290.4	4	146.6	146.6	0.0000	0.0	0.0000	0	0.00
88	1	1	13	333.0	3.09	290.9	4	110.3	110.3	0.0000	0.0	0.0000	0	0.00
88	1	1	14	309.0	3.09	290.9	4	74.0	74.0	0.0000	0.0	0.0000	0	0.00
88	1	1	15	282.0	4.12	290.9	4	74.0	74.0	0.0000	0.0	0.0000	0	0.00
88	1	1	16	284.0	3.60	290.4	4	74.0	74.0	0.0000	0.0	0.0000	0	0.00
88	1	1	17	1.0	3.09	290.9	4	74.0	74.0	0.0000	0.0	0.0000	0	0.00
88	1	1	18	27.0	2.06	290.9	4	81.6	81.6	0.0000	0.0	0.0000	0	0.00
88	1	1	19	164.0	7.20	286.5	4	92.2	92.2	0.0000	0.0	0.0000	0	0.00
88	1	1	20	167.0	7.72	284.3	4	102.7	102.7	0.0000	0.0	0.0000	0	0.00
88	1	1	21	180.0	7.72	283.2	4	113.2	113.2	0.0000	0.0	0.0000	0	0.00
88	1	1	22	182.0	5.66	283.2	4	123.7	123.7	0.0000	0.0	0.0000	0	0.00
88	1	1	23	170.0	7.20	282.6	4	134.2	134.2	0.0000	0.0	0.0000	0	0.00
88	1	1	24	180.0	6.17	282.6	4	144.8	144.8	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
 FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-986.00	-886.00	X-COORD (METERS) -786.00	-686.00	-586.00
1043.0	10.92823 (88111502)	12.25723 (88062222)	12.30529 (88072823)	11.55713 (88111422)	11.13182 (88110819)
943.0	10.68541 (88110921)	10.64872 (88111418)	10.73347 (88080320)	11.97537 (88110906)	10.06256 (88110717)
843.0	10.30017 (88081001)	10.84483 (88111503)	11.78655 (88113008)	11.24634 (88111501)	11.12928 (88110717)
743.0	12.11040 (88071021)	10.43050 (88070716)	11.69004 (88021906)	13.35644 (88113008)	12.71661 (88071720)
643.0	11.66127 (88040509)	12.79605 (88080608)	12.03137 (88070716)	13.44307 (88021906)	14.81755 (88113008)
543.0	11.53655 (88020124)	12.06009 (88040509)	14.20132 (88080608)	13.99062 (88070716)	15.51928 (88021906)
443.0	15.28046 (88122008)	14.32057 (88122008)	13.10273 (88021714)	16.30519 (88040509)	16.43674 (88070716)
343.0	13.66662 (88090219)	13.87384 (88122008)	18.34632 (88122008)	15.95114 (88020124)	18.15990 (88040509)
243.0	12.26268 (88030904)	13.78117 (88091418)	16.68800 (88090219)	17.51715 (88122008)	21.18447 (88122008)
143.0	13.50136 (88011720)	15.60952 (88011720)	15.96125 (88011719)	17.97968 (88091418)	20.13643 (88053019)
43.0	12.35042 (88111312)	14.50436 (88121917)	16.06401 (88092010)	18.74185 (88092010)	19.83804 (88092817)
-57.0	13.36608 (88101708)	14.79872 (88101708)	16.04231 (88101708)	18.28599 (88121502)	20.95596 (88111312)
-157.0	21.11489 (88121508)	23.22425 (88121508)	25.75083 (88121508)	28.74236 (88121508)	32.12030 (88121508)
-257.0	16.71674 (88011208)	19.75886 (88011208)	23.16143 (88011208)	26.46624 (88011208)	28.42991 (88011208)
-357.0	19.60885 (88040307)	17.03775 (88040307)	18.92712 (88080406)	21.61773 (88080406)	20.77876 (88092209)
-457.0	15.71864 (88080406)	15.45407 (88030602)	16.89452 (88030402)	18.00402 (88091717)	20.06555 (88083008)
-557.0	13.26411 (88030402)	13.16926 (88091717)	15.61578 (88060606)	18.84543 (88120809)	18.78728 (88102609)
-657.0	12.98243 (88060606)	15.14725 (88120809)	14.97154 (88120809)	15.33946 (88032304)	18.13702 (88121008)
-757.0	13.44854 (88120809)	12.21517 (88102609)	13.47645 (88060610)	15.21429 (88121008)	16.40412 (88112918)
-857.0	11.97976 (88091721)	12.35549 (88121008)	12.69848 (88100209)	14.73636 (88112918)	14.63513 (88122916)
-957.0	12.06590 (88021702)	11.63615 (88091422)	13.14265 (88112918)	12.33448 (88122916)	13.67969 (88062407)
-1057.0	11.61165 (88011124)	11.74032 (88112918)	11.90062 (88101423)	11.68392 (88062407)	12.43089 (88090907)
-1157.0	11.59397 (88050122)	12.32133 (88101423)	12.20888 (88101421)	11.31096 (88060704)	12.67453 (88010314)
-1257.0	12.43042 (88101423)	12.05254 (88101421)	11.19643 (88042622)	11.46667 (88042704)	11.80548 (88081805)
-1357.0	11.69293 (88102301)	11.66953 (88031624)	11.61593 (88111407)	12.41929 (88071702)	11.50723 (88112823)

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1988 Met

11/23/99

*** Revised building height = 38'

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**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-486.00	-386.00	X-COORD (METERS) -286.00	-186.00	-86.00
1043.0	10.71303 (88110908)	11.70681 (88073101)	10.91980 (88030710)	10.76172 (88070219)	11.23749 (88062716)
943.0	11.11843 (88062907)	11.76173 (88092012)	11.90195 (88123104)	12.51613 (88070219)	12.78130 (88062716)
843.0	10.81515 (88110819)	12.74165 (88081819)	13.19409 (88042505)	13.45385 (88070219)	14.17821 (88062716)
743.0	13.33055 (88110717)	14.10790 (88062907)	14.95883 (88070719)	15.26162 (88030710)	15.09604 (88062716)
643.0	14.01189 (88071720)	12.82391 (88110717)	16.51145 (88080706)	17.25606 (88123104)	16.30746 (88042320)
543.0	15.59205 (88113008)	17.00491 (88110717)	18.51787 (88062907)	19.39972 (88042505)	19.81782 (88070219)
443.0	17.97896 (88071006)	19.46276 (88080809)	18.95437 (88110717)	21.77328 (88080706)	22.06503 (88091911)
343.0	19.59288 (88071717)	20.93442 (88071006)	22.21507 (88071720)	23.73798 (88092613)	25.18967 (88091218)
243.0	18.83071 (88021714)	22.88964 (88071008)	23.53457 (88123021)	26.15957 (88123106)	27.14735 (88020216)
143.0	22.50137 (88122008)	24.16951 (88062310)	26.67288 (88122115)	29.29176 (88091713)	31.99118 (88100113)
43.0	22.67740 (88011719)	25.49583 (88100215)	28.38867 (88091910)	32.43543 (88111517)	36.75349 (88081215)
-57.0	23.46438 (88091907)	26.79345 (88090220)	29.93442 (88113001)	34.16894 (88080812)	45.27795 (88030217)
-157.0	35.46454 (88121508)	37.58556 (88121508)	35.85873 (88121508)	36.93582 (88090211)	47.76262 (88090120)
-257.0	26.45734 (88011208)	26.47865 (88070221)	31.17815 (88080308)	34.23922 (88061407)	44.43310 (88090114)
-357.0	22.68885 (88091018)	25.36980 (88090901)	28.55043 (88102908)	32.47298 (88070617)	35.18612 (88060514)
-457.0	23.72518 (88120809)	23.92844 (88103013)	25.49232 (88010312)	28.15327 (88092702)	30.77041 (88070519)
-557.0	20.59382 (88060610)	21.62085 (88072219)	23.82256 (88102508)	26.35208 (88090118)	44.53591 (88030917)
-657.0	17.72320 (88112918)	20.58360 (88103008)	22.07224 (88072306)	22.78694 (88010307)	40.79254 (88030917)
-757.0	17.45416 (88122916)	18.95265 (88060707)	19.90332 (88121011)	21.59144 (88030917)	22.47130 (88030917)
-857.0	15.84918 (88021713)	17.44489 (88010314)	17.87967 (88111309)	31.33410 (88030917)	20.87993 (88011108)
-957.0	14.54963 (88111401)	15.57845 (88100221)	16.34736 (88091810)	29.02354 (88030917)	25.37442 (88060406)
-1057.0	14.21624 (88010314)	14.57405 (88040401)	19.54057 (88030917)	21.37735 (88030917)	27.36159 (88060406)
-1157.0	12.06726 (88100221)	13.76060 (88040401)	23.19303 (88030917)	14.01832 (88030917)	26.93159 (88060406)
-1257.0	11.93057 (88040401)	12.50044 (88030917)	22.08918 (88030917)	13.45570 (88011108)	25.12432 (88060406)
-1357.0	11.68371 (88060624)	16.73348 (88030917)	18.34582 (88030917)	14.98874 (88060406)	22.80988 (88060406)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	14.00	114.00	214.00	314.00	414.00
1043.0	12.55408 (88081020)	12.07903 (88112418)	12.53370 (88082320)	11.76273 (88032220)	10.91752 (88062906)
943.0	13.44803 (88081020)	13.45189 (88112418)	12.78118 (88082320)	12.33361 (88050923)	12.06513 (88040315)
843.0	14.34192 (88081020)	14.99632 (88112418)	13.47297 (88082308)	12.26994 (88011118)	12.49548 (88071003)
743.0	16.05252 (88032818)	16.63312 (88112418)	15.98036 (88082308)	15.15815 (88011118)	14.85910 (88071003)
643.0	17.97169 (88032818)	18.17488 (88112418)	17.71071 (88082308)	17.31695 (88062906)	15.18946 (88030914)
543.0	20.31179 (88020319)	20.88465 (88030912)	19.82176 (88010106)	18.96878 (88071003)	18.79026 (88030914)
443.0	22.72098 (88052619)	24.44942 (88030912)	21.41566 (88113011)	21.04035 (88082818)	20.95614 (88030913)
343.0	25.28278 (88020218)	28.07893 (88030912)	24.60727 (88062906)	25.15301 (88030914)	22.14553 (88020303)
243.0	28.54938 (88080911)	29.69010 (88030912)	27.83061 (88072208)	26.14681 (88090317)	24.64248 (88080716)
143.0	33.17447 (88080609)	35.24268 (88032607)	37.57632 (88030913)	29.32566 (88090418)	25.69029 (88071712)
43.0	41.62406 (88041315)	42.99991 (88072015)	36.47713 (88052320)	32.36453 (88092018)	28.67669 (88092504)
-57.0	52.25319 (88111922)	53.08984 (88072116)	44.67363 (88060918)	34.92748 (88030916)	29.96791 (88051019)
-157.0	77.29179 (88091516)	70.60500 (88022712)	47.62459 (88110616)	39.67303 (88021514)	33.90959 (88030915)
-257.0	49.77853 (88111711)	51.82471 (88040717)	42.82894 (88102212)	33.67268 (88070106)	29.75715 (88112006)
-357.0	40.75200 (88040811)	40.78325 (88041914)	58.81831 (88030414)	44.76780 (88030415)	28.63616 (88092312)
-457.0	32.39716 (88101922)	32.38607 (88090506)	36.98640 (88030416)	39.61622 (88030417)	46.25082 (88030418)
-557.0	27.82923 (88112304)	28.45574 (88090608)	37.31387 (88081406)	30.62871 (88030416)	34.86935 (88030417)
-657.0	25.28106 (88080119)	25.29700 (88090319)	24.00844 (88121617)	27.52056 (88030416)	26.97746 (88030414)
-757.0	22.04083 (88060406)	23.92172 (88111716)	21.68756 (88062508)	29.85580 (88081406)	26.73359 (88030416)
-857.0	18.96089 (88060406)	22.28201 (88111716)	19.13992 (88051306)	22.48705 (88081406)	20.39618 (88030416)
-957.0	16.74206 (88113012)	20.37527 (88111716)	20.22877 (88051306)	15.76918 (88121617)	21.51134 (88081406)
-1057.0	15.27255 (88113012)	18.54930 (88111716)	18.95440 (88051306)	15.05096 (88121617)	20.80535 (88081406)
-1157.0	13.80009 (88113012)	16.90670 (88111716)	16.64787 (88051306)	12.24187 (88121617)	15.24695 (88081406)
-1257.0	12.50498 (88113012)	15.46232 (88111716)	14.11573 (88051306)	12.54524 (88051306)	11.46359 (88121617)
-1357.0	11.34613 (88113012)	14.20152 (88111716)	12.15058 (88120309)	13.72001 (88051306)	11.95111 (88021704)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS) |	X-COORD (METERS)				
	514.00	614.00	714.00	814.00	914.00
1043.0 |	11.86272 (88062223)	11.39125 (88030914)	12.24143 (88030913)	10.59732 (88051702)	11.15417 (88071321)
943.0 |	10.94221 (88071003)	12.48818 (88030914)	11.68596 (88030913)	11.77633 (88071004)	12.37997 (88052022)
843.0 |	13.08614 (88030914)	14.47467 (88030913)	13.11778 (88071004)	11.82331 (88091922)	11.20851 (88032201)
743.0 |	14.97672 (88030914)	12.69554 (88071004)	12.59579 (88020303)	10.97980 (88042022)	11.66595 (88032221)
643.0 |	17.42241 (88030913)	15.91595 (88071004)	12.03417 (88082819)	11.15096 (88070116)	11.02326 (88012321)
543.0 |	17.83905 (88071004)	14.51507 (88052819)	13.37292 (88070116)	12.18442 (88051519)	12.83819 (88092218)
443.0 |	18.20498 (88020303)	16.33803 (88070116)	14.65843 (88050319)	14.91404 (88070114)	12.20156 (88080607)
343.0 |	19.99536 (88080716)	18.01071 (88050319)	17.82249 (88072319)	16.03102 (88080607)	14.09201 (88072617)
243.0 |	22.28907 (88071712)	19.65740 (88072319)	18.91175 (88072617)	17.00368 (88072008)	15.14462 (88022907)
143.0 |	23.97240 (88080607)	21.77199 (88072008)	19.38533 (88022907)	18.36003 (88030916)	12.63099 (88030916)
43.0 |	27.45510 (88030916)	19.99580 (88030916)	17.35935 (88072107)	18.64510 (88072107)	15.88512 (88072107)
-57.0 |	26.00140 (88020408)	23.67672 (88072108)	20.21318 (88110617)	17.66241 (88082107)	15.01073 (88082107)
-157.0 |	29.72731 (88030915)	25.67809 (88030915)	22.34278 (88030915)	19.70984 (88030915)	17.62731 (88030915)
-257.0 |	24.96638 (88061001)	22.38807 (88042421)	18.63511 (88082010)	15.35404 (88122421)	14.58383 (88052307)
-357.0 |	25.58490 (88071407)	21.27580 (88082407)	19.18335 (88022017)	17.36052 (88012004)	16.31536 (88012004)
-457.0 |	22.68863 (88071607)	20.18791 (88020714)	19.68484 (88073119)	16.22317 (88042506)	12.68180 (88082407)
-557.0 |	40.64856 (88030418)	20.41500 (88040318)	17.21107 (88112017)	14.19361 (88073119)	15.19256 (88073119)
-657.0 |	28.12719 (88030417)	34.62108 (88030418)	20.73019 (88030415)	13.87820 (88040318)	12.64614 (88061003)
-757.0 |	22.70797 (88030414)	22.86949 (88030417)	29.77877 (88030418)	19.96395 (88030415)	13.33476 (88040318)
-857.0 |	17.72695 (88030414)	18.53234 (88030414)	19.01519 (88030417)	26.00510 (88030418)	18.27955 (88030415)
-957.0 |	21.55941 (88030416)	17.43322 (88030414)	16.92117 (88030417)	16.15036 (88030417)	23.02942 (88030418)
-1057.0 |	16.16671 (88030416)	15.94311 (88030416)	16.01365 (88030414)	16.32326 (88030417)	13.96666 (88030417)
-1157.0 |	16.19036 (88081406)	17.69764 (88030416)	13.07559 (88030414)	14.28461 (88030414)	15.33002 (88030417)
-1257.0 |	17.57831 (88081406)	13.41419 (88030416)	14.84084 (88030416)	12.95474 (88030414)	12.60064 (88030414)
-1357.0 |	15.26787 (88081406)	12.75106 (88081406)	14.89079 (88030416)	12.55605 (88102606)	12.68853 (88012222)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	1014.00	1114.00	X-COORD (METERS) 1214.00	1314.00	1414.00
1043.0	12.14886 (88052022)	11.42824 (88032201)	12.58488 (88032221)	11.34484 (88111020)	11.17055 (88042023)
943.0	11.63566 (88032201)	12.48944 (88032221)	11.26765 (88012321)	11.60108 (88042023)	11.61603 (88012320)
843.0	12.20329 (88032221)	11.44760 (88012321)	11.76291 (88031003)	12.53959 (88120720)	12.77946 (88022120)
743.0	11.40382 (88012321)	12.27494 (88031003)	12.59848 (88120720)	12.44110 (88022120)	12.55627 (88020820)
643.0	11.87298 (88031003)	10.80538 (88120720)	11.05230 (88081023)	12.09859 (88020820)	12.56262 (88042102)
543.0	11.58889 (88022120)	11.78971 (88020820)	11.46599 (88071202)	12.54884 (88081924)	11.71817 (88021221)
443.0	12.52730 (88072019)	11.39291 (88081924)	11.40471 (88021221)	11.39896 (88120719)	12.64005 (88021320)
343.0	13.16544 (88072008)	11.87511 (88022907)	11.91931 (88032720)	11.60581 (88030916)	11.65381 (88072601)
243.0	14.82624 (88030916)	12.80109 (88030916)	11.21053 (88041401)	11.74977 (88062122)	10.77856 (88102403)
143.0	10.44903 (88072107)	11.88147 (88072107)	11.62912 (88072107)	10.48618 (88071601)	10.36627 (88022701)
43.0	12.19172 (88072108)	11.51998 (88072108)	10.32944 (88021220)	10.65594 (88072423)	11.66379 (88120319)
-57.0	12.47909 (88082107)	11.46307 (88022018)	10.87898 (88022018)	11.33849 (88032203)	11.68071 (88032203)
-157.0	15.95194 (88030915)	14.57754 (88030915)	13.42988 (88030915)	12.45675 (88030915)	12.38350 (88042105)
-257.0	14.03498 (88052307)	13.06595 (88052307)	11.96572 (88052307)	11.50289 (88021222)	11.38875 (88021222)
-357.0	13.21243 (88012004)	10.25453 (88031002)	11.02985 (88092101)	11.19491 (88081502)	11.49885 (88081502)
-457.0	12.39912 (88022017)	11.18045 (88071617)	11.21285 (88012004)	10.46178 (88012004)	9.09436 (88012004)
-557.0	12.00367 (88092507)	10.81917 (88060122)	11.03897 (88121402)	10.88131 (88021223)	11.58168 (88072805)
-657.0	11.46667 (88073119)	11.92472 (88073119)	11.89271 (88082124)	10.32613 (88121323)	11.39281 (88060122)
-757.0	10.90234 (88082424)	11.90723 (88121822)	11.45325 (88120405)	12.46048 (88082122)	12.66363 (88082124)
-857.0	11.65259 (88030415)	11.45077 (88121305)	11.18689 (88082502)	12.26285 (88121822)	11.55456 (88120405)
-957.0	17.05889 (88030418)	12.53027 (88030415)	11.68390 (88121401)	12.63696 (88082424)	11.77432 (88121822)
-1057.0	20.64042 (88030418)	16.72454 (88030418)	12.70034 (88030415)	11.69886 (88101103)	11.76496 (88121305)
-1157.0	12.70088 (88030418)	18.68815 (88030418)	16.15617 (88030418)	12.42809 (88030415)	10.89379 (88101103)
-1257.0	14.21599 (88030417)	12.47964 (88032006)	17.06698 (88030418)	15.47952 (88030418)	11.90708 (88030415)
-1357.0	12.76070 (88121823)	13.11331 (88030417)	12.78436 (88032006)	15.70151 (88030418)	14.76647 (88030418)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 2ND HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-986.00	-886.00	X-COORD (METERS) -786.00	-686.00	-586.00
1043.0	10.22410 (88111418)	11.24472 (88102104)	10.48013 (88102019)	10.65995 (88071020)	10.35234 (88110719)
943.0	10.66611 (88111503)	10.32223 (88113008)	10.55573 (88111501)	11.59857 (88072823)	10.00134 (88072722)
843.0	9.12173 (88070716)	10.60629 (88110921)	11.00930 (88021906)	11.24333 (88111424)	10.49442 (88110906)
743.0	11.32124 (88080608)	9.96376 (88081001)	11.07637 (88071006)	11.62084 (88021906)	12.64419 (88122316)
643.0	10.07158 (88063019)	11.82560 (88071021)	11.54104 (88071717)	12.88389 (88071006)	12.06657 (88020123)
543.0	11.00361 (88052924)	10.61628 (88063019)	13.71085 (88040509)	13.65840 (88071717)	15.17144 (88071006)
443.0	11.28520 (88122317)	13.97281 (88020124)	11.71409 (88062310)	15.13085 (88080608)	16.40023 (88071717)
343.0	12.01821 (88072720)	12.24155 (88111412)	14.17914 (88020124)	15.67087 (88021714)	17.64982 (88063019)
243.0	12.21025 (88121012)	13.73698 (88060619)	15.41533 (88072720)	16.16940 (88122317)	18.50522 (88020124)
143.0	11.90965 (88092010)	14.10353 (88092817)	15.57026 (88092817)	16.76105 (88030904)	19.92848 (88072720)
43.0	12.10460 (88121917)	13.03904 (88090220)	16.03940 (88121917)	17.07038 (88110710)	19.62680 (88011720)
-57.0	11.65689 (88100217)	13.42482 (88121502)	15.91433 (88121502)	17.49512 (88012414)	20.58635 (88080718)
-157.0	12.19209 (88121910)	13.73442 (88121910)	15.56098 (88121910)	17.64601 (88122204)	20.37218 (88122204)
-257.0	16.52724 (88040307)	19.69351 (88040307)	22.90391 (88040307)	25.46700 (88040307)	25.88098 (88040307)
-357.0	14.48114 (88072820)	14.54918 (88040316)	17.30202 (88040316)	18.79052 (88072620)	20.71923 (88100222)
-457.0	14.44621 (88072620)	14.27289 (88100222)	14.98561 (88030602)	17.59602 (88122918)	19.66953 (88111410)
-557.0	12.24055 (88091717)	12.95853 (88122918)	15.17014 (88111410)	16.92392 (88071809)	18.05796 (88102807)
-657.0	11.88471 (88111410)	13.13695 (88071809)	14.35936 (88102807)	14.26424 (88090914)	16.98174 (88102809)
-757.0	11.31691 (88012802)	11.35714 (88102807)	13.26795 (88032304)	14.44047 (88100209)	14.51515 (88100219)
-857.0	11.32501 (88052623)	11.64461 (88102809)	12.50237 (88121008)	12.61958 (88100219)	13.76924 (88103008)
-957.0	11.74535 (88121008)	11.13786 (88120206)	11.05829 (88100219)	11.32796 (88103008)	13.22862 (88021713)
-1057.0	11.51043 (88080205)	11.30775 (88050122)	10.67029 (88040322)	11.23853 (88101421)	12.40490 (88072306)
-1157.0	11.57621 (88052622)	11.62467 (88040322)	11.45819 (88102303)	11.05108 (88042622)	10.92885 (88111401)
-1257.0	12.25062 (88040322)	11.41035 (88040322)	11.19455 (88031624)	11.42585 (88081902)	11.19601 (88031021)
-1357.0	11.66455 (88050201)	11.61193 (88100923)	11.58030 (88081803)	11.60580 (88031702)	11.43670 (88040904)

**MODELOPTs: CONC

RURAL FLAT

DFAULT

*** THE 2ND HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-486.00	-386.00	X-COORD (METERS) -286.00	-186.00	-86.00
1043.0	10.70219 (88072804)	10.65652 (88070719)	10.77079 (88123104)	10.48858 (88110303)	10.51459 (88110723)
943.0	10.31544 (88081819)	11.73198 (88081719)	10.98089 (88030710)	10.73904 (88110223)	11.00150 (88102517)
843.0	9.33981 (88062907)	12.24397 (88080706)	13.12579 (88030322)	12.21539 (88091911)	12.33967 (88102617)
743.0	11.00959 (88123103)	13.10490 (88081819)	14.83487 (88092012)	14.40609 (88123104)	14.14025 (88102617)
643.0	13.92305 (88122316)	12.44100 (88123017)	15.93500 (88081819)	16.24192 (88030710)	16.23821 (88011818)
543.0	15.51697 (88080809)	15.90997 (88123103)	17.22235 (88081819)	19.27696 (88030322)	18.29805 (88042320)
443.0	17.71692 (88021906)	18.71929 (88071720)	17.84351 (88123017)	21.71367 (88092012)	22.00479 (88062319)
343.0	19.27279 (88121517)	19.76422 (88123018)	22.01777 (88122316)	23.61949 (88062907)	23.99953 (88123104)
243.0	18.50924 (88062310)	22.51964 (88071717)	23.49523 (88101417)	25.91026 (88123103)	27.03920 (88011301)
143.0	21.79030 (88092009)	23.64720 (88091812)	25.59102 (88010114)	28.91346 (88032903)	31.98361 (88091009)
43.0	22.48214 (88030904)	24.86455 (88081008)	28.29964 (88121424)	32.09953 (88030821)	36.51714 (88123013)
-57.0	23.19103 (88111312)	26.34826 (88122109)	29.88800 (88070423)	34.15035 (88081211)	45.18386 (88013017)
-157.0	23.36488 (88122204)	27.27708 (88071708)	31.08518 (88100108)	35.57696 (88070603)	47.64233 (88080508)
-257.0	23.69150 (88060708)	26.09408 (88080406)	30.56984 (88083122)	33.95770 (88070607)	43.96386 (88090922)
-357.0	22.62930 (88072908)	25.22431 (88081519)	27.80900 (88061507)	32.11102 (88070608)	34.86340 (88050508)
-457.0	21.19421 (88071809)	23.88461 (88090914)	25.39881 (88080207)	28.02511 (88090905)	30.70834 (88112211)
-557.0	20.54147 (88102809)	21.50595 (88060607)	23.53964 (88103008)	25.92354 (88091408)	26.81324 (88100303)
-657.0	17.61014 (88072219)	20.36123 (88122916)	21.93717 (88111401)	22.58659 (88111309)	24.53001 (88082908)
-757.0	16.93302 (88103008)	18.85795 (88090907)	19.89959 (88100221)	20.21198 (88113003)	21.14516 (88020724)
-857.0	15.81382 (88060707)	16.22541 (88111117)	17.67390 (88040401)	17.61727 (88030516)	20.07542 (88060406)
-957.0	14.31935 (88072306)	15.56673 (88100205)	16.14769 (88051207)	17.18229 (88091807)	19.18128 (88011108)
-1057.0	13.26762 (88111117)	13.73498 (88111309)	14.48639 (88010313)	14.11923 (88020724)	16.08639 (88011108)
-1157.0	12.06042 (88100205)	12.79216 (88091810)	11.56094 (88010313)	13.36452 (88020724)	13.18151 (88080107)
-1257.0	11.73746 (88021106)	11.16710 (88112902)	11.90128 (88091807)	12.53626 (88113002)	12.41801 (88080107)
-1357.0	11.65008 (88040401)	11.42573 (88091802)	11.88074 (88081506)	13.49116 (88011108)	11.35540 (88080107)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 2ND HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS) |	14.00	114.00	X-COORD (METERS) 214.00	314.00	414.00
1043.0 |	11.34862 (88032818)	11.44924 (88123110)	10.90773 (88081820)	11.66227 (88032607)	10.90705 (88070208)
943.0 |	12.68714 (88032818)	12.69827 (88010108)	11.05219 (88082308)	12.19732 (88032607)	11.88151 (88062906)
843.0 |	14.23526 (88032818)	14.20325 (88010108)	12.46172 (88082320)	11.87164 (88113011)	12.40468 (88040315)
743.0 |	15.61274 (88020319)	15.94087 (88010108)	13.22555 (88010106)	14.81248 (88062906)	14.63584 (88021119)
643.0 |	17.92225 (88020319)	17.86156 (88030912)	17.00739 (88010106)	17.30181 (88070208)	15.04069 (88061119)
543.0 |	19.86907 (88052619)	20.26397 (88072216)	19.03359 (88032607)	18.55002 (88021119)	18.41453 (88010118)
443.0 |	22.26431 (88020319)	22.92252 (88072216)	20.50866 (88071718)	20.28171 (88061119)	18.90994 (88102108)
343.0 |	25.09573 (88062219)	25.08171 (88071007)	24.56515 (88070208)	24.82502 (88030913)	22.02043 (88091818)
243.0 |	28.51920 (88062219)	28.49551 (88050324)	27.41622 (88071107)	26.07805 (88101117)	23.93462 (88071419)
143.0 |	32.93106 (88022917)	32.56571 (88110415)	34.20647 (88030914)	28.79148 (88030117)	25.62821 (88040607)
43.0 |	41.55015 (88112619)	42.38927 (88011814)	36.45460 (88042402)	32.04052 (88040602)	28.25647 (88092318)
-57.0 |	52.11251 (88112608)	52.85233 (88051916)	43.66862 (88110423)	34.26587 (88042408)	29.74637 (88032622)
-157.0 |	70.76248 (88011611)	68.38443 (88110614)	46.32504 (88041124)	38.57865 (88041204)	30.29127 (88041309)
-257.0 |	47.85763 (88030108)	51.28077 (88070110)	42.60143 (88012517)	32.76737 (88060718)	29.46238 (88122422)
-357.0 |	40.00928 (88010417)	40.07972 (88122816)	34.94508 (88062609)	41.28653 (88030418)	27.41722 (88061003)
-457.0 |	32.05437 (88103116)	32.26982 (88103002)	31.09438 (88050519)	35.81050 (88030414)	37.50391 (88030415)
-557.0 |	27.71442 (88051907)	27.63128 (88100204)	27.56262 (88051619)	27.74220 (88030414)	23.38986 (88051219)
-657.0 |	25.21177 (88081108)	25.20709 (88101809)	23.37547 (88041009)	22.09912 (88092611)	20.86862 (88010401)
-757.0 |	21.98399 (88080119)	22.08012 (88073007)	21.68756 (88071410)	20.57227 (88012407)	19.23909 (88021309)
-857.0 |	18.46765 (88051807)	20.08319 (88100206)	18.76431 (88022609)	18.18491 (88072106)	17.27679 (88041007)
-957.0 |	16.24949 (88051807)	17.80602 (88100206)	17.32370 (88022609)	14.23817 (88080717)	16.44245 (88092316)
-1057.0 |	14.17053 (88051807)	15.87458 (88060319)	15.36541 (88022518)	12.67875 (88062508)	15.76509 (88040409)
-1157.0 |	12.46150 (88111715)	14.12336 (88060319)	13.72496 (88022518)	12.02779 (88062508)	11.99353 (88072106)
-1257.0 |	11.54693 (88111715)	12.62358 (88060319)	12.41870 (88120709)	11.31171 (88020908)	10.86512 (88120223)
-1357.0 |	10.97236 (88091801)	11.42644 (88102603)	11.79452 (88051306)	11.85591 (88012824)	11.79366 (88072924)

**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE 2ND HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	514.00	614.00	714.00	814.00	914.00
1043.0	10.67468 (88071003)	10.78177 (88051320)	10.10185 (88092423)	9.94326 (88071004)	10.37662 (88041101)
943.0	10.81655 (88102518)	11.44323 (88030913)	11.24896 (88101720)	11.03303 (88071321)	12.36717 (88071404)
843.0	11.16850 (88061119)	12.24364 (88102108)	11.48092 (88072919)	11.81830 (88071105)	11.16013 (88111022)
743.0	14.09532 (88010118)	12.22279 (88030913)	12.38579 (88071004)	10.33469 (88082819)	10.61125 (88072223)
643.0	15.53043 (88102108)	14.56731 (88072919)	11.37791 (88052819)	10.80958 (88032221)	10.93357 (88061521)
543.0	17.16232 (88072919)	13.70963 (88082819)	12.75544 (88080716)	11.98730 (88050319)	12.23458 (88070114)
443.0	17.65607 (88052819)	15.90121 (88080716)	14.55948 (88051519)	14.80552 (88092218)	12.09452 (88021918)
343.0	19.99500 (88070116)	17.81637 (88022001)	17.27470 (88070114)	15.85773 (88021918)	12.93850 (88072019)
243.0	21.61204 (88050319)	18.20280 (88090415)	18.62930 (88072019)	15.80138 (88090318)	14.67794 (88090318)
143.0	23.51197 (88072019)	21.61061 (88082619)	18.81617 (88092407)	17.61709 (88040313)	11.99610 (88040313)
43.0	25.64057 (88041619)	19.74342 (88042602)	15.36803 (88060208)	16.03170 (88012003)	14.81480 (88012003)
-57.0	25.09519 (88012003)	23.49569 (88071608)	20.09282 (88071608)	17.02717 (88110617)	13.76021 (88110617)
-157.0	25.57839 (88022908)	21.46592 (88022908)	17.88651 (88022908)	15.54694 (88022002)	13.63157 (88022002)
-257.0	24.80501 (88112007)	21.89680 (88082010)	17.27767 (88042421)	14.26591 (88082010)	13.58264 (88122421)
-357.0	24.98189 (88070119)	21.15977 (88042506)	19.17592 (88021923)	16.87038 (88071617)	12.44911 (88071617)
-457.0	22.56234 (88091611)	19.37539 (88092312)	18.14473 (88041607)	15.98693 (88092507)	12.68127 (88022017)
-557.0	27.97128 (88030415)	20.30415 (88030609)	16.81187 (88061003)	13.90111 (88020714)	13.34321 (88041607)
-657.0	19.76472 (88051219)	21.34371 (88030415)	15.62169 (88040318)	13.81539 (88030609)	12.29900 (88020714)
-757.0	18.43120 (88012410)	16.19938 (88062507)	18.27031 (88030918)	16.03943 (88030418)	13.26803 (88030609)
-857.0	16.88199 (88012411)	16.59751 (88030417)	15.18630 (88030418)	16.23324 (88030918)	16.94557 (88030418)
-957.0	14.92340 (88092611)	13.57408 (88012411)	15.15822 (88030414)	14.33760 (88030418)	14.57470 (88030918)
-1057.0	14.28595 (88041007)	13.00345 (88021309)	12.35707 (88012410)	12.54977 (88030414)	13.49467 (88030418)
-1157.0	13.85195 (88041007)	11.98857 (88092611)	11.38938 (88012411)	11.18096 (88051323)	11.32037 (88073102)
-1257.0	13.19759 (88040409)	11.71985 (88041007)	11.75245 (88121719)	11.50616 (88012621)	12.28343 (88121823)
-1357.0	11.86412 (88012305)	11.97103 (88112322)	11.27239 (88081503)	12.47399 (88073003)	12.65093 (88012219)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 2ND HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS) |	1014.00	1114.00	X-COORD (METERS) 1214.00	1314.00	1414.00
1043.0 |	12.13722 (88071404)	11.38635 (88111022)	11.15935 (88041305)	11.33031 (88082005)	11.16813 (88042021)
943.0 |	11.58949 (88111022)	10.76088 (88041305)	11.26235 (88111020)	11.59837 (88042021)	11.55294 (88061121)
843.0 |	10.61236 (88072223)	11.36933 (88061521)	11.67056 (88071401)	11.21538 (88012320)	10.38447 (88072322)
743.0 |	11.31892 (88061521)	12.17080 (88071401)	10.01175 (88022320)	10.35667 (88072322)	11.30183 (88102402)
643.0 |	11.76401 (88071401)	10.72364 (88032121)	10.45318 (88072321)	11.04612 (88102402)	11.13210 (88071202)
543.0 |	11.48732 (88072319)	11.06006 (88102402)	10.83312 (88073120)	11.10147 (88021221)	11.61827 (88081321)
443.0 |	12.31960 (88031619)	11.27456 (88042102)	11.27019 (88081321)	10.59663 (88022822)	11.87453 (88032720)
343.0 |	12.38251 (88090318)	11.71346 (88090318)	11.90400 (88030916)	11.22990 (88032204)	11.64324 (88092402)
243.0 |	13.65283 (88040313)	11.55418 (88040313)	10.67408 (88062122)	11.17354 (88102403)	10.71652 (88082522)
143.0 |	10.06839 (88102403)	10.01069 (88082522)	10.97569 (88071601)	10.35391 (88072107)	9.78447 (88071524)
43.0 |	12.04127 (88072107)	10.80028 (88071608)	10.27728 (88072108)	10.56187 (88120319)	10.48537 (88102404)
-57.0 |	11.85461 (88022018)	10.35848 (88082107)	10.51433 (88032203)	10.39983 (88071501)	10.57279 (88071501)
-157.0 |	11.97302 (88022002)	11.18118 (88031620)	11.39171 (88042105)	11.95674 (88042105)	11.62086 (88030915)
-257.0 |	11.59391 (88122421)	10.48537 (88051423)	11.04469 (88021222)	11.40303 (88041624)	11.30106 (88022523)
-357.0 |	10.91342 (88042421)	10.19866 (88040423)	10.48372 (88071503)	11.19294 (88092024)	11.49693 (88092024)
-457.0 |	12.14802 (88021923)	10.91564 (88021923)	11.13059 (88081324)	10.06359 (88052304)	8.31868 (88052304)
-557.0 |	11.73573 (88071407)	10.52101 (88042506)	10.98812 (88110702)	10.76579 (88082405)	10.86920 (88022522)
-657.0 |	10.67141 (88120405)	11.39258 (88082122)	11.32101 (88031004)	10.23067 (88082501)	11.29111 (88121405)
-757.0 |	10.65877 (88012607)	11.24455 (88022521)	11.44208 (88120321)	11.59335 (88101824)	11.71628 (88031004)
-857.0 |	11.48947 (88040318)	10.74745 (88082424)	11.18461 (88092102)	11.40755 (88121403)	11.54461 (88120321)
-957.0 |	16.40323 (88030415)	11.84485 (88101701)	11.58832 (88051601)	11.75048 (88012607)	10.73413 (88120404)
-1057.0 |	13.21093 (88030918)	14.62520 (88030415)	12.57986 (88101701)	10.42942 (88121401)	11.60054 (88082424)
-1157.0 |	12.29988 (88121821)	12.53519 (88040902)	13.04049 (88030415)	11.72788 (88101701)	10.19671 (88101701)
-1257.0 |	12.42956 (88060401)	12.37277 (88121821)	12.83751 (88040902)	12.58773 (88012223)	11.48757 (88121623)
-1357.0 |	12.71978 (88022604)	12.81103 (88060401)	12.25116 (88121821)	12.94219 (88040902)	11.96853 (88012223)

**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-986.00	-886.00	X-COORD (METERS) -786.00	-686.00	-586.00
1043.0	2.80968c(88111508)	2.66999 (88122008)	2.94753c(88111424)	2.74789 (88123108)	3.33978c(88110724)
943.0	2.58630c(88111508)	2.62458c(88081008)	2.88609 (88122008)	3.19769c(88122316)	3.14248 (88011808)
843.0	3.16877c(88081008)	2.78106 (88031724)	2.93090 (88122008)	3.34354c(88122316)	3.45982 (88123108)
743.0	2.40234 (88030824)	3.17875c(88081008)	3.15930 (88123024)	3.37275 (88122008)	3.99205c(88122316)
643.0	4.61335c(88061224)	2.96551 (88030824)	3.30590 (88032924)	3.76235 (88123024)	3.89834 (88122008)
543.0	3.61984 (88020124)	4.39277c(88061224)	3.74132 (88030824)	3.67204 (88032924)	4.58712 (88123024)
443.0	4.23393 (88020124)	4.66763 (88020124)	3.89682 (88030824)	4.82250 (88030824)	4.10087 (88032924)
343.0	3.80852 (88032324)	4.12518 (88020124)	5.61722 (88020124)	5.52513 (88020124)	6.28193 (88030824)
243.0	4.91825c(88011724)	3.62883c(88011724)	4.42341 (88032324)	5.83256 (88020124)	7.71785 (88020124)
143.0	5.27202c(88011724)	6.79199c(88011724)	7.44472c(88011724)	6.17079c(88011724)	5.98121c(88100216)
43.0	4.67534 (88020108)	4.90418 (88020108)	5.52286 (88032408)	7.36510 (88032408)	9.27566c(88011724)
-57.0	3.99543 (88020108)	5.01078 (88020108)	6.37556 (88020108)	8.11345 (88020108)	10.14714 (88020108)
-157.0	6.44415c(88121508)	7.07929c(88121508)	7.82941c(88121508)	8.71076c(88121508)	9.72396c(88121508)
-257.0	5.39521 (88011208)	5.60311 (88011208)	5.87834c(88041708)	6.07411c(88041708)	5.88291c(88041708)
-357.0	4.25213 (88092808)	4.92122 (88092808)	4.93082 (88092808)	5.80219 (88090108)	8.19908 (88090108)
-457.0	4.13055 (88052708)	4.75472 (88090108)	5.50428 (88090108)	5.46195 (88090108)	5.37608 (88070708)
-557.0	4.26586 (88091024)	3.73586 (88070708)	4.12549 (88070708)	5.76186 (88120816)	5.89256 (88120816)
-657.0	3.73899c(88011524)	4.28101 (88120816)	5.00711 (88120816)	4.43441c(88032308)	4.56457 (88090816)
-757.0	4.09684 (88120816)	4.12113c(88081908)	3.70017c(88032308)	4.15198c(88080208)	4.20808 (88060608)
-857.0	4.21951c(88081908)	3.98923 (88101508)	4.30008c(88080208)	4.01523 (88111808)	3.71803c(88101424)
-957.0	4.07850 (88101508)	4.23629c(88080208)	3.79631 (88111808)	4.01816c(88101424)	3.11889 (88021716)
-1057.0	4.03729c(88080208)	3.55585 (88111808)	4.14977c(88101424)	3.18356c(88102308)	3.36690 (88121108)
-1157.0	3.46665c(88050124)	4.17835c(88101424)	3.63407c(88102308)	3.16462c(88060708)	3.66371 (88121108)
-1257.0	4.13747c(88101424)	3.90091c(88101424)	2.69111 (88042624)	3.04314 (88121108)	2.98795 (88121108)
-1357.0	4.20760c(88101424)	2.69924 (88031624)	2.74619c(88060708)	2.87313 (88121108)	2.68126 (88070624)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS) |	-486.00	-386.00	X-COORD (METERS) -286.00	-186.00	-86.00
1043.0 |	2.91517 (88030324)	3.35266 (88030324)	2.98636 (88112624)	3.13189 (88112624)	3.30061 (88112708)
943.0 |	3.11497c(88110724)	3.61542 (88030324)	3.14836 (88030324)	3.67304 (88112624)	3.43627 (88112708)
843.0 |	3.74909 (88112608)	3.63520 (88030324)	4.06940 (88030324)	4.22772 (88112624)	3.68617 (88042324)
743.0 |	4.03117 (88123108)	3.80975 (88112608)	4.72473 (88030324)	4.70493 (88112624)	4.31423 (88042324)
643.0 |	4.67287c(88122316)	5.05126 (88011808)	4.79663 (88030324)	4.85191 (88112624)	4.97157 (88112624)
543.0 |	4.57897c(88122316)	5.68633 (88123108)	5.39910 (88112608)	6.22731 (88030324)	6.82135 (88112624)
443.0 |	5.74610 (88123024)	6.25226c(88122316)	7.51052 (88011808)	6.75669 (88030324)	8.96258 (88112624)
343.0 |	4.54767 (88032924)	7.29655 (88123024)	8.33890c(88122316)	8.87370 (88112608)	10.26758 (88112624)
243.0 |	7.71995 (88030824)	6.71575 (88030824)	9.24685 (88123024)	11.28144 (88112608)	9.96289 (88071016)
143.0 |	8.87571 (88020124)	9.78443 (88020124)	11.16451 (88030824)	13.80346 (88011908)	17.23936 (88112608)
43.0 |	10.21945c(88011724)	8.14738c(88100216)	14.35306 (88020124)	18.70762 (88030824)	20.93640 (88011908)
-57.0 |	12.10484 (88020108)	13.08848 (88020108)	16.89401 (88032408)	16.08287 (88122016)	24.79995 (88040116)
-157.0 |	10.97129 (88122208)	12.78079 (88122208)	14.06693 (88122208)	16.13363 (88122708)	15.79918 (88060424)
-257.0 |	5.70471 (88092708)	8.36690 (88090108)	15.84338 (88090108)	15.24197 (88090108)	25.47144 (88090816)
-357.0 |	9.74389 (88090108)	7.50693 (88091108)	10.26967 (88120816)	16.35584 (88090816)	18.42348 (88121108)
-457.0 |	8.03440 (88120816)	7.58980c(88032308)	10.38704 (88090816)	8.74745 (88090824)	10.12641 (88121108)
-557.0 |	5.89325c(88032308)	7.16110 (88090816)	5.95201 (88090824)	12.56844 (88121108)	15.81472 (88121116)
-657.0 |	5.20274 (88090816)	4.30722 (88121024)	8.88930 (88121108)	6.53274 (88020724)	14.33918 (88121116)
-757.0 |	3.80710 (88121024)	5.21404 (88121108)	6.69447 (88121108)	6.92747 (88010316)	9.45222 (88010824)
-857.0 |	3.77027 (88021716)	6.05456 (88121108)	4.59554 (88020724)	8.41411 (88121116)	8.46694 (88010824)
-957.0 |	4.66181 (88121108)	4.35788 (88020724)	4.78717 (88010316)	7.71940 (88121116)	6.96416 (88010824)
-1057.0 |	4.07833 (88121108)	3.31992 (88020724)	4.61499 (88121116)	6.05164 (88121116)	5.55339 (88010824)
-1157.0 |	3.19580 (88020724)	3.64414 (88010608)	5.10305 (88121116)	4.73279 (88010824)	4.79087c(88060408)
-1257.0 |	2.68930 (88100708)	3.77777 (88010608)	4.86654 (88121116)	4.46427 (88010824)	4.38490c(88060408)
-1357.0 |	3.15523 (88010608)	3.52734 (88011508)	4.25230 (88121116)	4.04237 (88010824)	3.94293c(88060408)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	14.00	114.00	X-COORD (METERS) 214.00	314.00	414.00
1043.0	4.87776c(88062324)	4.65307c(88042924)	3.40048c(88110808)	3.38851c(88032224)	4.26382c(88032224)
943.0	5.24003c(88062324)	4.98150c(88042924)	3.22316c(88110808)	3.78864c(88032224)	4.26502c(88032224)
843.0	5.70607(88020224)	5.32024c(88042924)	3.38115(88010108)	4.01996c(88032224)	4.15365(88061724)
743.0	6.53319(88020224)	5.64947c(88042924)	3.88392(88010108)	4.37410c(88032224)	3.42137(88061724)
643.0	7.49309(88020224)	5.92318c(88042924)	4.52554(88032608)	4.42185(88061724)	3.62303(88122416)
543.0	8.58177(88020224)	6.07064c(88042924)	5.39473(88032608)	4.63982(88061724)	4.57805(88030916)
443.0	10.56028(88112708)	6.28657(88050924)	5.86648(88032608)	5.63625(88122416)	5.25511(88123124)
343.0	13.00888(88112708)	6.97317(88050924)	6.41633(88122416)	6.42059c(88062124)	6.98865(88080716)
243.0	15.03197(88112708)	9.24550(88071916)	9.41963(88122416)	9.26178(88123124)	9.66177(88020408)
143.0	14.48541(88112624)	14.11183(88032608)	11.82718c(88092016)	12.81508(88052224)	11.95462(88040608)
43.0	23.97680(88112624)	16.37204(88032608)	14.73470(88052224)	16.80704(88040608)	8.69907(88060224)
-57.0	31.72240(88112608)	21.59541(88032016)	15.64763(88060916)	10.88935(88060908)	8.30208c(88051924)
-157.0	21.28320(88060424)	27.37084(88022716)	13.54728(88041208)	14.03648(88041208)	10.05902(88041208)
-257.0	12.55448(88090616)	26.31756(88031516)	18.99146(88031016)	14.58753(88112016)	7.94969(88022716)
-357.0	19.44370(88020516)	18.69552(88121608)	23.24776(88031908)	11.90122(88031016)	6.60033(88021916)
-457.0	16.33477(88010824)	17.86036(88010808)	12.19054(88031516)	15.11759(88031824)	7.19818(88030924)
-557.0	14.40051(88010724)	14.13513(88010808)	11.94290(88031316)	9.49880(88062608)	9.76119(88031824)
-657.0	12.09369(88010724)	10.72260(88010808)	9.04734(88031316)	8.47616(88072308)	7.68403(88031824)
-757.0	9.75823(88010724)	8.21018(88010808)	5.86717(88010408)	6.16477c(88012408)	6.53894(88030416)
-857.0	7.85439(88010724)	6.41424(88010808)	5.72959(88010808)	5.66940(88031316)	5.80837(88072308)
-957.0	6.38306(88010724)	5.59338(88010516)	5.20140(88010808)	4.66809(88031316)	5.49855c(88012408)
-1057.0	5.26153(88010724)	4.91105(88010516)	4.55975(88010808)	4.00824(88090524)	4.60930c(88012408)
-1157.0	4.46157(88011408)	4.56647(88120508)	3.99508(88010808)	4.35188(88102424)	4.09110(88051108)
-1257.0	4.15125(88011408)	4.48850(88120508)	3.94882(88113024)	4.88491(88102424)	3.80344(88051108)
-1357.0	3.86581(88011408)	4.38620c(88102508)	4.11450(88113024)	4.92539c(88051308)	3.53354(88051108)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS) |	514.00	614.00	X-COORD (METERS) 714.00	814.00	914.00
1043.0 |	3.26119 (88061724)	2.83590 (88040524)	2.66823 (88030916)	2.71941c(88091924)	3.46208c(88071324)
943.0 |	2.45723c(88072208)	2.99143 (88030916)	2.65256c(88091924)	3.07594c(88071324)	3.64916c(88052024)
843.0 |	3.20679 (88040524)	3.05826 (88030916)	2.79829 (88123124)	3.23043c(88052024)	3.18136c(88052024)
743.0 |	3.61292 (88030916)	3.20632 (88123124)	3.24023 (88080716)	3.40632c(88052024)	3.32555 (88041024)
643.0 |	3.52987 (88030916)	3.72581 (88080716)	3.57342 (88080716)	3.82222 (88041024)	4.40177 (88041024)
543.0 |	4.67195 (88123124)	4.46962 (88080716)	4.47789 (88041024)	5.08935 (88041024)	3.99300 (88040608)
443.0 |	5.65404 (88080716)	5.60805 (88020408)	6.00556 (88041024)	4.96732 (88040608)	3.77179 (88072324)
343.0 |	7.28154 (88020408)	7.09872 (88041024)	6.14141 (88040608)	3.55369c(88072624)	3.34087 (88060224)
243.0 |	8.57862 (88123124)	6.95792 (88040608)	4.39341c(88072624)	4.59355 (88060224)	4.64373 (88060224)
143.0 |	6.26750 (88040608)	6.00614 (88060224)	6.20329c(88051624)	3.81310 (88041624)	2.91645c(88092408)
43.0 |	8.91967c(88051624)	4.69816 (88060908)	4.43301c(88051924)	4.57684c(88051924)	4.04556c(88051924)
-57.0 |	7.68681 (88040924)	7.21106 (88040924)	5.72332 (88040924)	4.29679 (88040924)	3.46439 (88041324)
-157.0 |	7.35674 (88041208)	6.14195c(88070124)	5.17895c(88070124)	4.38730c(88070124)	3.82440 (88110524)
-257.0 |	8.63351 (88022716)	6.60365 (88022716)	4.60848 (88022716)	3.37929 (88041124)	3.26797 (88041124)
-357.0 |	6.93291 (88112016)	5.04454 (88112016)	4.03606 (88082408)	3.58728 (88022716)	3.45029 (88022716)
-457.0 |	5.87000 (88031016)	4.06365 (88090424)	4.53412 (88082424)	3.95935 (88082424)	3.84384 (88110608)
-557.0 |	5.98103 (88030424)	4.97430 (88031016)	3.72583 (88120408)	3.44671c(88120324)	3.51687 (88082424)
-657.0 |	6.45722 (88031824)	5.22402 (88030424)	3.92290 (88030924)	4.20581c(88012608)	3.96727 (88120408)
-757.0 |	6.55355 (88031824)	4.84964 (88030424)	4.58292 (88030424)	3.44349 (88030924)	3.66030c(88012608)
-857.0 |	5.67776 (88012416)	5.32983 (88031824)	4.27519 (88030424)	4.06493 (88030424)	2.99828 (88030924)
-957.0 |	5.02210 (88030416)	4.85349 (88012416)	4.29491 (88031824)	3.81099 (88030424)	3.64513 (88030424)
-1057.0 |	4.18600 (88072308)	4.23502 (88030416)	4.10612c(88012224)	3.52646 (88031824)	3.81378c(88121308)
-1157.0 |	4.78647 (88102208)	4.96953 (88112408)	4.09430 (88121724)	3.13873 (88031824)	3.28886 (88112808)
-1257.0 |	4.34639 (88102208)	4.18743 (88112408)	4.89731 (88112408)	4.44803c(88012224)	2.82846 (88031824)
-1357.0 |	4.07316 (88051108)	4.39042 (88102208)	4.94343 (88112408)	3.94731 (88121724)	4.68744c(88012224)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	1014.00	1114.00	X-COORD (METERS) 1214.00	1314.00	1414.00
1043.0	3.76873c(88052024)	3.00314 (88022324)	2.78851c(88102324)	3.14442c(88012324)	3.21265c(88041608)
943.0	3.07595 (88022324)	2.95539c(88102324)	3.26064c(88012324)	3.38072c(88041608)	2.90985 (88092424)
843.0	3.13573c(88102324)	3.39938 (88041024)	3.43011c(88041608)	2.71338 (88061708)	3.25404 (88072324)
743.0	3.84725 (88041024)	3.28700c(88041608)	2.84002 (88040608)	3.55969 (88072324)	2.64722 (88092508)
643.0	3.47887 (88062424)	3.20666 (88072324)	3.29487 (88072324)	2.61082 (88102408)	2.84531c(88042108)
543.0	3.86172 (88072324)	2.96793 (88092508)	2.63706 (88060908)	2.75219c(88042108)	3.06771 (88041424)
443.0	2.91249 (88060908)	3.02037c(88042108)	3.32648 (88041424)	3.61288 (88041424)	3.07340 (88060224)
343.0	3.71606 (88060224)	3.88560 (88060224)	3.35216 (88060224)	2.41150c(88081024)	2.57349c(88092408)
243.0	3.56787 (88060224)	2.85805c(88092408)	2.50441c(88062124)	2.27687c(88062124)	2.14430c(88051924)
143.0	2.62927c(88051924)	3.05281c(88051924)	3.15952c(88051924)	3.02226c(88051924)	2.73743c(88051924)
43.0	3.28148c(88051924)	2.88398 (88040924)	2.65751 (88040924)	2.56574 (88041324)	2.57826 (88041324)
-57.0	3.15972 (88041324)	3.02969 (88110524)	3.03247 (88110524)	2.97988 (88110524)	2.89556 (88110524)
-157.0	3.73204c(88042108)	4.00162c(88042108)	4.18566c(88042108)	4.31736c(88042108)	4.40549c(88042108)
-257.0	3.13686 (88041124)	2.98411 (88041124)	2.82014 (88041124)	2.65578 (88041124)	2.49886 (88041124)
-357.0	3.07804 (88022716)	2.68171 (88022716)	2.34077 (88071508)	2.25389 (88071508)	1.98072 (88041124)
-457.0	3.48811 (88082408)	3.05002 (88082408)	2.47292c(88022024)	2.20848 (88041508)	1.98252 (88022716)
-557.0	3.26944 (88082424)	3.52611 (88110608)	3.96196 (88121408)	3.05502 (88082408)	2.84445 (88082408)
-657.0	3.62841c(88120324)	3.19466c(88082124)	3.01803c(88082124)	2.65679 (88110608)	3.67643 (88121408)
-757.0	3.94895c(88012608)	3.81499 (88120408)	3.53160c(88120324)	3.37057c(88082124)	3.46749c(88082124)
-857.0	3.30298 (88121708)	4.40421c(88012608)	3.74076 (88120408)	3.57468 (88120408)	3.35443c(88120324)
-957.0	2.94827 (88012208)	2.98727c(88022108)	3.79675c(88012608)	4.02985c(88012608)	3.59601 (88120408)
-1057.0	3.30060 (88030424)	3.01152 (88012208)	3.08523c(88022108)	2.97573 (88121708)	4.18428c(88012608)
-1157.0	3.77715c(88121308)	3.01388 (88030424)	2.93303 (88012208)	2.80433c(88022108)	2.76349 (88121708)
-1257.0	3.13820 (88112808)	3.67774c(88121308)	2.77211 (88030424)	2.77547 (88012208)	2.36022c(88022108)
-1357.0	2.53404 (88031824)	3.00298 (88061608)	3.54362c(88121308)	2.71234c(88032008)	2.58120 (88012208)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 2ND HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS) |	-986.00	-886.00	X-COORD (METERS) -786.00	-686.00	-586.00
1043.0 |	2.57010c(88081008)	2.37464c(88122316)	2.92345c(88122316)	2.71802c(88111424)	3.01057 (88112608)
943.0 |	2.58074 (88031724)	2.56285 (88122008)	2.80282c(88122316)	3.07210c(88111424)	3.08853 (88112608)
843.0 |	2.71840 (88032924)	2.69675 (88032924)	2.89999 (88123024)	3.08588 (88122008)	3.35237c(88122316)
743.0 |	2.08570 (88080924)	2.98963 (88032924)	2.99988 (88031724)	3.29069 (88123024)	3.24460 (88122008)
643.0 |	3.25214 (88030824)	2.44687c(88061224)	3.11551c(88081008)	3.34377 (88032924)	3.71877 (88123024)
543.0 |	3.08619 (88013024)	3.65088 (88030824)	3.34514c(88061224)	3.12025 (88123024)	3.81176 (88080516)
443.0 |	4.06139c(88081624)	3.87957c(88081624)	3.72423 (88020124)	4.35208c(88061224)	3.74297 (88123024)
343.0 |	3.22017c(88070824)	4.11062 (88122324)	4.70754c(88081624)	4.06391 (88033024)	4.97635c(88061224)
243.0 |	3.87657 (88122208)	3.44596 (88122208)	4.25430c(88100216)	5.70445 (88122324)	6.02254 (88122324)
143.0 |	4.95332 (88032408)	5.73859 (88032408)	5.78624 (88032408)	5.69583 (88122208)	5.12891 (88030816)
43.0 |	3.51094 (88030808)	4.15237 (88032408)	5.10167 (88020108)	6.14925c(88011724)	9.20001 (88032408)
-57.0 |	3.74471 (88120624)	4.06971 (88120624)	4.96375 (88012416)	6.14934 (88012416)	7.58398 (88011624)
-157.0 |	5.07223 (88122208)	5.80587 (88122208)	6.73833 (88122208)	7.88946 (88122208)	9.29429 (88122208)
-257.0 |	4.94619c(88041708)	5.45816c(88041708)	5.76941 (88011208)	5.89240 (88011208)	5.88049 (88011208)
-357.0 |	3.94984 (88011208)	3.63866 (88011208)	3.83520 (88090108)	5.01306 (88043016)	7.72906 (88043016)
-457.0 |	3.82473 (88090108)	4.51900 (88043016)	5.17971 (88043016)	5.05706 (88091108)	4.67553 (88091108)
-557.0 |	3.73871 (88090108)	3.59111 (88091108)	3.30844c(88011524)	4.23415 (88070708)	5.15979 (88102008)
-657.0 |	3.33612 (88070708)	3.51336 (88070708)	4.08396 (88102008)	4.10059 (88102008)	4.25801c(88032308)
-757.0 |	3.40115c(88102808)	3.51973 (88102008)	3.39344 (88102008)	3.70953 (88090816)	4.09128 (88111808)
-857.0 |	2.95106 (88102008)	3.07353 (88081208)	3.88606 (88111808)	3.65609 (88060608)	3.37105 (88121024)
-957.0 |	3.05723 (88111808)	3.98998 (88111808)	3.42010c(88050124)	3.00926 (88121024)	3.09757 (88042908)
-1057.0 |	4.00690 (88111808)	3.47544c(88050124)	2.70699 (88121024)	2.91379 (88042908)	3.23369 (88091616)
-1157.0 |	3.32028 (88111808)	2.61953 (88091408)	3.41146c(88101424)	2.41222 (88042624)	3.26173 (88091616)
-1257.0 |	2.64398 (88091408)	3.75380c(88102308)	2.67495c(88060708)	2.83870 (88091616)	2.90157 (88031708)
-1357.0 |	3.64785c(88102308)	2.65771 (88042908)	2.65135 (88111408)	2.86925 (88031708)	2.46880 (88020724)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 2ND HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-486.00	-386.00	X-COORD (METERS) -286.00	-186.00	-86.00
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1043.0	2.33515 (88091008)	2.49937 (88071016)	2.26364 (88030324)	2.43157 (88042324)	2.94088 (88020224)
943.0	3.01292 (88112608)	2.53897 (88071016)	2.91515 (88112624)	2.73269c(88110224)	3.12013 (88042324)
843.0	3.59087 (88011808)	2.96997 (88091008)	3.13865 (88071016)	2.84755c(88110224)	3.47687 (88112708)
743.0	3.93841 (88011808)	3.49666 (88123016)	3.59721 (88071016)	3.07739 (88041724)	3.64542 (88112624)
643.0	4.20482 (88123108)	5.01156 (88112608)	4.05369 (88091008)	4.54825 (88030324)	4.80918 (88042324)
543.0	4.52368 (88122008)	5.11588c(88122316)	5.09880 (88011808)	5.21935 (88071016)	4.92982 (88080616)
443.0	4.76270 (88080516)	5.24887 (88122008)	7.41802 (88112608)	6.05393 (88091008)	5.71194 (88041724)
343.0	4.53970 (88123024)	6.13882 (88011908)	7.26022 (88123108)	8.09570 (88123016)	6.80636 (88011808)
243.0	5.62481 (88033024)	5.87224 (88032916)	8.92093 (88011908)	10.53326 (88011808)	9.16868 (88091008)
143.0	8.41131 (88122324)	8.19302 (88033024)	8.05402 (88032916)	12.14257 (88021424)	14.46856 (88091008)
43.0	9.43667 (88122208)	8.14480 (88030816)	12.66544 (88122324)	11.44729 (88040124)	18.27838c(88122316)
-57.0	8.95107 (88011624)	11.25527 (88032408)	12.54310 (88122124)	15.62579 (88020116)	21.28485 (88040108)
-157.0	10.83048c(88121508)	11.84196c(88121508)	12.99719 (88122708)	15.23651c(88043008)	13.07945 (88122708)
-257.0	5.35806 (88101608)	6.98884 (88083124)	14.91967 (88043016)	13.05038 (88043016)	17.38168 (88090116)
-357.0	8.94614 (88043016)	7.50336 (88090108)	8.76718 (88060508)	13.67369 (88090924)	12.62977 (88091616)
-457.0	5.61830 (88102008)	7.27415 (88090116)	8.32249 (88090924)	6.73450 (88091616)	9.94515 (88090916)
-557.0	5.79567 (88090816)	5.76767 (88060608)	5.07314 (88112208)	9.09137 (88091616)	8.42701 (88010316)
-657.0	4.90565 (88060608)	4.11969 (88090824)	7.75109 (88091616)	6.14991 (88112208)	8.79661 (88010824)
-757.0	3.59219 (88122916)	4.95375 (88091616)	6.28910 (88020724)	6.58848 (88121116)	9.08091 (88121116)
-857.0	3.32157 (88090908)	5.17688 (88091616)	4.09574 (88010308)	5.39844 (88010316)	6.03906 (88101924)
-957.0	4.29348 (88091616)	4.08985 (88121108)	4.55184 (88112208)	4.82546 (88103024)	5.51974 (88101924)
-1057.0	3.62052 (88020724)	2.98784 (88010308)	4.48296 (88010316)	4.73828 (88010824)	5.04745c(88060408)
-1157.0	2.88832 (88121108)	3.41954 (88112208)	3.51783 (88101324)	4.44538 (88121116)	4.42161 (88010824)
-1257.0	2.54916 (88020724)	3.46798 (88010316)	3.04686 (88103024)	3.51380c(88060408)	3.62662 (88120308)
-1357.0	2.93262c(88021108)	3.43406 (88101324)	2.88824 (88103024)	3.68300c(88020808)	3.70295 (88120308)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 2ND HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS) |	14.00	114.00	X-COORD (METERS) 214.00	314.00	414.00
1043.0 |	4.49974 (88020224)	3.91009c(88022308)	2.71308 (88010108)	2.89368 (88032608)	3.11987 (88061724)
943.0 |	5.05057 (88020224)	4.15958c(88022308)	3.00916 (88010108)	3.11400 (88032608)	3.86915 (88061724)
843.0 |	5.62332c(88062324)	4.42835c(88022308)	2.99231 (88032608)	3.22448 (88032608)	2.92669c(88032224)
743.0 |	6.01624c(88062324)	4.69452c(88022308)	3.67305 (88032608)	3.34117 (88061724)	3.06027 (88122416)
643.0 |	6.89510 (88112708)	4.96470c(88022308)	4.50046 (88010108)	4.26542c(88032224)	3.56955 (88040524)
543.0 |	8.49711 (88112708)	5.48748 (88050924)	5.12459 (88010108)	4.31728 (88122416)	4.00719c(88062124)
443.0 |	9.64394 (88020224)	6.14871 (88010108)	5.35376 (88010108)	4.80196c(88061124)	4.66049 (88042208)
343.0 |	10.41720 (88020224)	6.96262 (88010108)	6.39414c(88071324)	6.24725 (88030916)	6.16412 (88042408)
243.0 |	10.38867 (88011924)	8.83336 (88032608)	7.67841c(88022124)	7.46464 (88080716)	9.23412 (88052224)
143.0 |	14.06568 (88022216)	13.78462 (88071916)	11.18362 (88071116)	12.53674 (88020408)	11.39880 (88123124)
43.0 |	20.20330 (88022216)	15.67414 (88122416)	14.19122 (88042408)	13.95824 (88052408)	8.46926 (88062924)
-57.0 |	20.40754 (88112616)	17.27950 (88072116)	14.83669 (88042524)	9.82146 (88042408)	8.20917 (88041208)
-157.0 |	16.30841 (88011616)	17.42379 (88041124)	12.78209 (88063016)	9.36516 (88063016)	8.23537c(88070124)
-257.0 |	12.36801 (88050116)	21.71750 (88012508)	18.31424 (88102216)	8.85853 (88012616)	7.22651 (88112016)
-357.0 |	18.09293 (88121116)	18.38993 (88031316)	20.31930 (88031824)	11.22680 (88102216)	6.44976 (88112016)
-457.0 |	15.72380 (88101924)	15.10071 (88011324)	11.76013 (88072308)	13.74116 (88031908)	6.78893 (88102216)
-557.0 |	12.58359 (88101924)	11.70747 (88112116)	9.24810 (88010408)	9.04902c(88021924)	7.98492 (88031908)
-657.0 |	9.13207 (88101924)	9.18253 (88112116)	8.20699 (88010408)	7.38049c(88021924)	7.22843 (88012416)
-757.0 |	6.64681 (88101924)	7.38461 (88122516)	5.72185 (88010808)	5.16027 (88031316)	6.29512 (88072308)
-857.0 |	5.34975 (88112216)	6.33855 (88010516)	5.17252 (88011324)	5.04148 (88010408)	4.87469 (88030416)
-957.0 |	5.05416 (88011408)	5.40876 (88010324)	5.01860c(88051308)	4.37655 (88010408)	4.79920 (88102208)
-1057.0 |	4.76459 (88011408)	4.85015 (88010324)	4.27221c(88051308)	3.80235 (88051108)	3.97705c(88081408)
-1157.0 |	4.41273 (88010724)	4.34917 (88010516)	3.58385 (88113024)	4.14910c(88030524)	3.87604 (88121624)
-1257.0 |	3.97402 (88012708)	4.23409c(88102508)	3.53227 (88010808)	4.62949c(88051308)	3.60819 (88121624)
-1357.0 |	3.85331 (88012708)	4.37514 (88120508)	3.56349 (88042724)	4.41754 (88102424)	3.51382 (88120108)

**MODELOPTs: CONC

RURAL FLAT

DFAULT

*** THE 2ND HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	514.00	614.00	X-COORD (METERS) 714.00	814.00	914.00
1043.0	2.20293 (88071308)	2.37067c(88072208)	2.38916 (88040524)	2.18049 (88123124)	2.91985c(88091924)
943.0	2.44288 (88061724)	2.95991 (88040524)	2.31933 (88042208)	2.66315c(88091924)	2.69368c(88091924)
843.0	2.82128c(88072208)	2.65835 (88040524)	2.66990c(88091924)	3.03560c(88091924)	3.09224 (88022324)
743.0	3.41272 (88040524)	2.83210c(88091924)	3.14010c(88071324)	3.17626c(88030124)	3.32228c(88102324)
643.0	3.39582 (88042208)	3.43161 (88123124)	3.57193c(88030124)	3.64839 (88020408)	3.43713c(88012324)
543.0	4.10635 (88080716)	4.15954 (88020408)	4.44210 (88020408)	3.86545 (88062424)	3.57507 (88062424)
443.0	4.92313 (88020408)	5.38865 (88041024)	4.83399 (88123124)	3.71866 (88123124)	3.46185 (88040608)
343.0	6.63944 (88052224)	6.36795 (88123124)	3.92860 (88123124)	3.38538c(88050224)	3.14688c(88042108)
243.0	8.18313 (88041024)	4.59282 (88052408)	4.02720 (88060224)	4.17377c(88051624)	4.33249c(88051624)
143.0	6.00444c(88072624)	5.96072c(88051624)	5.70724 (88060224)	3.65088c(88051624)	2.56969 (88041624)
43.0	7.08341 (88060224)	4.65015 (88041624)	3.26343 (88060908)	3.50436 (88072108)	3.44872 (88072108)
-57.0	6.45370 (88041208)	4.94555 (88022708)	4.24751 (88041324)	3.79587 (88041324)	3.28216 (88062524)
-157.0	7.23967c(88070124)	5.75723 (88062524)	4.95446 (88062524)	4.29056 (88062524)	3.74867c(88070124)
-257.0	5.22473 (88112008)	3.92598 (88041124)	3.52894 (88041124)	3.18280 (88022716)	2.40601 (88110508)
-357.0	6.25505 (88082424)	4.13874 (88082424)	3.58001c(88022024)	3.25572c(88022024)	2.50490 (88112008)
-457.0	4.98669 (88012524)	3.57149 (88112016)	3.83913c(88073124)	3.32971 (88112016)	3.36417 (88121408)
-557.0	5.26881 (88030924)	4.69444 (88030616)	3.16906 (88031008)	3.23163 (88040708)	2.85726c(88073124)
-657.0	5.54907 (88030424)	4.07676 (88030924)	3.73337 (88012524)	3.38075 (88120408)	2.59858c(88012608)
-757.0	5.94485 (88031908)	4.48741 (88031824)	3.31169c(88062508)	3.11220 (88121708)	3.32629 (88121708)
-857.0	4.94327 (88030416)	4.65686 (88031908)	3.70014 (88112808)	3.19149c(88062508)	2.74876 (88121708)
-957.0	4.66721 (88072308)	4.21991c(88012224)	3.68356 (88031908)	3.74657c(88121308)	3.01940c(88062508)
-1057.0	3.95495 (88112408)	3.94747 (88012024)	3.74272 (88012416)	3.34191 (88112808)	3.43267 (88030424)
-1157.0	4.50223c(88012408)	4.03655 (88030416)	3.84211 (88012416)	3.03560c(88012224)	3.10881c(88073108)
-1257.0	4.31216c(88012408)	3.23482 (88072308)	3.79821 (88071608)	3.36089 (88012416)	2.63430 (88031908)
-1357.0	3.47174c(88012308)	4.23342 (88112408)	3.35973 (88030416)	3.70185 (88071608)	3.03598c(88051508)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 2ND HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS) |	X-COORD (METERS)				
	1014.00	1114.00	1214.00	1314.00	1414.00
1043.0 |	2.27996 (88042124)	2.63282c(88052024)	2.36299 (88041024)	2.87045c(88092324)	2.91359c(88012324)
943.0 |	2.91183c(88052024)	2.61869 (88041024)	3.03504 (88041024)	2.91772c(88012324)	2.52181 (88061708)
843.0 |	2.93322 (88041024)	3.35839c(88012324)	3.01208 (88062424)	2.68177 (88092424)	2.98959c(88022124)
743.0 |	3.42416c(88012324)	3.26728 (88062424)	2.79555 (88061708)	2.84534c(88022124)	2.31547 (88102408)
643.0 |	3.23782 (88092424)	3.16796 (88040608)	2.71583 (88092508)	2.53744 (88092508)	2.33887 (88060908)
543.0 |	3.42021 (88040608)	2.61653c(88050224)	2.62633c(88042108)	2.47604 (88060224)	2.75402 (88022624)
443.0 |	2.78902c(88072624)	2.83908 (88060224)	3.14212 (88060224)	3.33000 (88060224)	2.71297 (88041424)
343.0 |	3.61701 (88041424)	3.82000 (88041424)	2.78430 (88061524)	2.39708 (88060224)	2.43572 (88022824)
243.0 |	3.14208c(88051624)	2.50208 (88022824)	2.44860c(88092408)	2.16876 (88032108)	2.07354 (88032108)
143.0 |	2.46233 (88032108)	2.35264 (88032108)	2.42070 (88051524)	2.34987 (88051524)	2.23307 (88022708)
43.0 |	3.02912 (88072108)	2.61478 (88041324)	2.58247 (88041324)	2.36995 (88040924)	2.07478 (88040924)
-57.0 |	2.93142 (88110524)	2.85183 (88041324)	2.55418 (88041324)	2.27718 (88041324)	2.02931 (88041324)
-157.0 |	3.58871 (88110524)	3.36178 (88110524)	3.15741 (88110524)	2.97317 (88110524)	2.80755 (88110524)
-257.0 |	2.39659 (88110508)	2.33953 (88110508)	2.26488 (88021224)	2.29065 (88021224)	2.33611 (88022524)
-357.0 |	1.93764 (88041124)	2.06672 (88071508)	2.30147 (88022716)	1.96329 (88022716)	1.95061 (88071508)
-457.0 |	3.12142 (88031924)	2.75375c(88022024)	2.39834 (88041508)	2.07096 (88022716)	1.69917 (88041508)
-557.0 |	2.64338 (88071408)	2.95432 (88121408)	3.80967 (88110608)	2.88011 (88121408)	2.49671 (88051708)
-657.0 |	3.12322 (88120408)	2.91977 (88082424)	2.67424 (88082424)	2.51269 (88082424)	3.62053 (88110608)
-757.0 |	3.73490 (88120408)	2.70119c(88120324)	3.25385c(88032008)	2.73833 (88021308)	2.51674c(88092408)
-857.0 |	2.73898c(88012608)	3.07922 (88120408)	3.05830c(88012608)	2.95656c(88120324)	3.25778c(88032008)
-957.0 |	2.61509 (88030924)	2.97765 (88121708)	2.92506 (88121708)	3.25239 (88120408)	2.42097 (88031924)
-1057.0 |	2.83916c(88062508)	2.30410 (88030924)	2.63036 (88121708)	2.92565c(88012608)	2.67821 (88120408)
-1157.0 |	3.12021 (88030424)	2.75597c(88032008)	2.21006 (88030424)	2.33131 (88121708)	2.41267c(88022108)
-1257.0 |	3.00062c(88073108)	2.85863 (88030424)	2.74534c(88032008)	2.13859 (88030424)	2.23458 (88012208)
-1357.0 |	2.41090 (88120408)	2.95452c(88121308)	2.63688 (88030424)	2.56578 (88030424)	2.05895 (88030424)

**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE MAXIMUM 50 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 , ***

** CONC OF CO IN MICROGRAMS/M**3 **

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE	RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)	OF TYPE		
1.	77.29179	(88091516)	AT (	14.00,	-157.00)	GC	26.	52.04354	(88021508)	AT (	114.00,	-157.00)	GC
2.	70.76248	(88011611)	AT (	14.00,	-157.00)	GC	27.	51.99474	(88021501)	AT (	14.00,	-57.00)	GC
3.	70.60500	(88022712)	AT (	114.00,	-157.00)	GC	28.	51.82471	(88040717)	AT (	114.00,	-257.00)	GC
4.	69.05141	(88090718)	AT (	14.00,	-157.00)	GC	29.	51.77597	(88052407)	AT (	114.00,	-57.00)	GC
5.	69.03237	(88090921)	AT (	14.00,	-157.00)	GC	30.	51.54119	(88022216)	AT (	14.00,	-57.00)	GC
6.	68.64682	(88060423)	AT (	14.00,	-157.00)	GC	31.	51.44761	(88031208)	AT (	14.00,	-57.00)	GC
7.	68.38443	(88110614)	AT (	114.00,	-157.00)	GC	32.	51.40981	(88032014)	AT (	114.00,	-57.00)	GC
8.	68.16972	(88022710)	AT (	114.00,	-157.00)	GC	33.	51.39135	(88052409)	AT (	114.00,	-57.00)	GC
9.	67.95075	(88080814)	AT (	14.00,	-157.00)	GC	34.	51.28077	(88070110)	AT (	114.00,	-257.00)	GC
10.	66.24998	(88060410)	AT (	14.00,	-157.00)	GC	35.	50.87129	(88061616)	AT (	114.00,	-57.00)	GC
11.	65.75656	(88012516)	AT (	114.00,	-157.00)	GC	36.	50.84575	(88021424)	AT (	14.00,	-57.00)	GC
12.	64.81866	(88041902)	AT (	114.00,	-157.00)	GC	37.	50.66410	(88112812)	AT (	114.00,	-257.00)	GC
13.	64.27522	(88070111)	AT (	114.00,	-157.00)	GC	38.	50.56729	(88021412)	AT (	14.00,	-57.00)	GC
14.	63.78513	(88060424)	AT (	14.00,	-157.00)	GC	39.	50.27007	(88053016)	AT (	14.00,	-57.00)	GC
15.	58.81831	(88030414)	AT (	214.00,	-357.00)	GC	40.	50.22775	(88110812)	AT (	114.00,	-57.00)	GC
16.	57.65546	(88090821)	AT (	14.00,	-157.00)	GC	41.	50.07171	(88100410)	AT (	114.00,	-257.00)	GC
17.	57.58253	(88092916)	AT (	114.00,	-157.00)	GC	42.	49.95403	(88031015)	AT (	114.00,	-257.00)	GC
18.	57.49897	(88022711)	AT (	114.00,	-157.00)	GC	43.	49.83313	(88032017)	AT (	114.00,	-57.00)	GC
19.	55.98533	(88041122)	AT (	114.00,	-157.00)	GC	44.	49.82288	(88041214)	AT (	114.00,	-257.00)	GC
20.	53.82371	(88090120)	AT (	14.00,	-157.00)	GC	45.	49.77853	(88111711)	AT (	14.00,	-257.00)	GC
21.	53.72235	(88080508)	AT (	14.00,	-157.00)	GC	46.	49.71904	(88011910)	AT (	14.00,	-57.00)	GC
22.	53.08984	(88072116)	AT (	114.00,	-57.00)	GC	47.	49.58430	(88031417)	AT (	114.00,	-257.00)	GC
23.	52.85233	(88051916)	AT (	114.00,	-57.00)	GC	48.	49.51601	(88012515)	AT (	114.00,	-157.00)	GC
24.	52.25319	(88111922)	AT (	14.00,	-57.00)	GC	49.	49.38638	(88011608)	AT (	14.00,	-157.00)	GC
25.	52.11251	(88112608)	AT (	14.00,	-57.00)	GC	50.	49.28500	(88031402)	AT (	114.00,	-257.00)	GC

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

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1988 Met
*** Revised building height = 38'

*** 11/23/99
*** 06:11:16
*** PAGE 30

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE MAXIMUM 50 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): 1207 , GEN03 ,

** CONC OF CO IN MICROGRAMS/M**3 **

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR, YR) OF TYPE	RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR, YR) OF TYPE
1.	31.72240	(88112608)	AT (	14.00, -57.00) GC	26.	18.42348	(88121108)	AT (	-86.00, -357.00) GC
2.	27.37084	(88022716)	AT (	114.00, -157.00) GC	27.	18.38993	(88031316)	AT (	114.00, -357.00) GC
3.	26.31756	(88031516)	AT (	114.00, -257.00) GC	28.	18.31424	(88102216)	AT (	214.00, -257.00) GC
4.	25.47144	(88090816)	AT (	-86.00, -257.00) GC	29.	18.27838c	(88122316)	AT (	-86.00, 43.00) GC
5.	24.79995	(88040116)	AT (	-86.00, -57.00) GC	30.	18.09293	(88121116)	AT (	14.00, -357.00) GC
6.	23.97680	(88112624)	AT (	14.00, 43.00) GC	31.	18.02618	(88020608)	AT (	114.00, -357.00) GC
7.	23.24776	(88031908)	AT (	214.00, -357.00) GC	32.	17.86036	(88010808)	AT (	114.00, -457.00) GC
8.	21.71750	(88012508)	AT (	114.00, -257.00) GC	33.	17.82713	(88021424)	AT (	-86.00, 43.00) GC
9.	21.59541	(88032016)	AT (	114.00, -57.00) GC	34.	17.79955	(88032816)	AT (	-86.00, -57.00) GC
10.	21.28485	(88040108)	AT (	-86.00, -57.00) GC	35.	17.77732	(88122724)	AT (	-86.00, -57.00) GC
11.	21.28320	(88060424)	AT (	14.00, -157.00) GC	36.	17.71852	(88030224)	AT (	-86.00, -57.00) GC
12.	20.93640	(88011908)	AT (	-86.00, 43.00) GC	37.	17.58816	(88070916)	AT (	-86.00, -57.00) GC
13.	20.40754	(88112616)	AT (	14.00, -57.00) GC	38.	17.42379	(88041124)	AT (	114.00, -157.00) GC
14.	20.31930	(88031824)	AT (	214.00, -357.00) GC	39.	17.38168	(88090116)	AT (	-86.00, -257.00) GC
15.	20.20330	(88022216)	AT (	14.00, 43.00) GC	40.	17.27950	(88072116)	AT (	114.00, -57.00) GC
16.	20.10683	(88111916)	AT (	-86.00, -57.00) GC	41.	17.23936	(88112608)	AT (	-86.00, 143.00) GC
17.	20.02500	(88111924)	AT (	14.00, -57.00) GC	42.	17.14634	(88090924)	AT (	-86.00, -257.00) GC
18.	19.57976	(88013016)	AT (	-86.00, -57.00) GC	43.	16.90508	(88060816)	AT (	114.00, -57.00) GC
19.	19.47117	(88031408)	AT (	114.00, -257.00) GC	44.	16.89401	(88032408)	AT (	-286.00, -57.00) GC
20.	19.44370	(88020516)	AT (	14.00, -357.00) GC	45.	16.80704	(88040608)	AT (	314.00, 43.00) GC
21.	18.99146	(88031016)	AT (	214.00, -257.00) GC	46.	16.69816	(88052416)	AT (	114.00, -57.00) GC
22.	18.89088	(88031124)	AT (	14.00, -57.00) GC	47.	16.62391	(88031316)	AT (	114.00, -257.00) GC
23.	18.83828	(88030216)	AT (	-86.00, -57.00) GC	48.	16.58103	(88061016)	AT (	114.00, -357.00) GC
24.	18.70762	(88030824)	AT (	-186.00, 43.00) GC	49.	16.37204	(88032608)	AT (	114.00, 43.00) GC
25.	18.69552	(88121608)	AT (	114.00, -357.00) GC	50.	16.35584	(88090816)	AT (	-186.00, -357.00) GC

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

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1988 Met
*** Revised building height = 38'

*** 11/23/99
*** 06:11:16
*** PAGE 31

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	77.29179 ON 88091516: AT (	14.00, -157.00, 0.00,	0.00) GC	100METER
	HIGH 2ND HIGH VALUE IS	70.76248 ON 88011611: AT (	14.00, -157.00, 0.00,	0.00) GC	100METER

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

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1988 Met
*** Revised building height = 38'

*** 11/23/99
*** 06:11:16
*** PAGE 32

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	31.72240 ON 88112608: AT (	14.00, -57.00, 0.00,	0.00) GC	100METER
	HIGH 2ND HIGH VALUE IS	21.71750 ON 88012508: AT (	114.00, -257.00, 0.00,	0.00) GC	100METER

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

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1988 Met

11/23/99

*** Revised building height = 38'

06:11:16

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**MODELOPTS: CONC

RURAL FLAT

DFAULT

*** Message Summary : ISCST3 Model Execution ***

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

A Total of 0 Fatal Error Message(s)
A Total of 0 Warning Message(s)
A Total of 596 Informational Message(s)

A Total of 595 Calm Hours Identified

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

***** WARNING MESSAGES *****
*** NONE ***

*** ISCST3 Finishes Successfully ***

ISCST3 CO 1989

** The results for this run are in file 12ST89C.OUT.
**

CO STARTING
 TITLEONE FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1989 Met
 TITLETWO Revised building height = 38'
 MODELOPT DFAULT RURAL CONC
 AVERTIME 1 8
 POLLUTID CO
 RUNORNOT RUN
 ERRORFIL ERRORS.OUT
 CO FINISHED

SO STARTING
 LOCATION 1207 POINT 214.0 -157.0
 ** Point Source QS HS TS VS DS
 ** Parameters:
 SRCPARAM 1207 1.351 17.68 718.1 13.85 2.66

	QS	HS	TS	VS	DS		
SO BUILDHGT 1207	11.58	11.58	11.58	11.58	11.58	11.58	11.58
SO BUILDHGT 1207	11.58	11.58	11.58	.00	.00	.00	.00
SO BUILDHGT 1207	11.58	11.58	11.58	11.58	11.58	11.58	11.58
SO BUILDHGT 1207	11.58	11.58	11.58	11.58	11.58	11.58	11.58
SO BUILDHGT 1207	11.58	11.58	11.58	.00	.00	.00	.00
SO BUILDHGT 1207	11.58	11.58	11.58	11.58	11.58	11.58	11.58
SO BUILDWID 1207	26.13	27.08	27.21	26.52	25.01	22.75	22.75
SO BUILDWID 1207	19.80	16.24	12.19	.00	.00	.00	.00
SO BUILDWID 1207	6.33	10.84	15.02	18.74	21.90	24.38	24.38
SO BUILDWID 1207	26.13	27.08	27.21	26.52	25.01	22.75	22.75
SO BUILDWID 1207	19.80	16.24	12.19	.00	.00	.00	.00
SO BUILDWID 1207	6.33	10.84	15.02	18.74	21.90	24.38	24.38

SO LOCATION GEN03 POINT 62.2 -150.3
 ** Parameters QS HS TS VS DS
 **
 SO SRCPARAM GEN03 0.283 6.10 644.26 45.49 0.2

	QS	HS	TS	VS	DS		
SO BUILDHGT GEN03	3.66	3.66	3.66	3.66	3.66	3.66	3.66
SO BUILDHGT GEN03	3.66	3.66	3.66	3.66	3.66	3.66	3.66
SO BUILDHGT GEN03	3.66	3.66	3.66	3.66	3.66	3.66	3.66
SO BUILDHGT GEN03	3.66	3.66	3.66	3.66	3.66	3.66	3.66
SO BUILDHGT GEN03	3.66	3.66	3.66	3.66	3.66	3.66	3.66
SO BUILDHGT GEN03	3.66	3.66	3.66	3.66	3.66	3.66	3.66
SO BUILDWID GEN03	40.35	39.84	38.13	35.25	31.31	26.41	26.41
SO BUILDWID GEN03	20.71	14.38	7.62	14.38	20.71	26.41	26.41
SO BUILDWID GEN03	31.31	35.25	38.13	39.84	40.35	39.62	39.62
SO BUILDWID GEN03	40.35	39.84	38.13	35.25	31.31	26.41	26.41
SO BUILDWID GEN03	20.71	14.38	7.62	14.38	20.71	26.41	26.41
SO BUILDWID GEN03	31.31	35.25	38.13	39.84	40.35	39.62	39.62

SO SRCGROUP ALL
SO FINISHED

RE STARTING
GRIDCART 100METER STA
GRIDCART 100METER XYINC -986 25 100 -1357 25 100
GRIDCART 100METER END
RE FINISHED

ME STARTING
INPUTFIL 12ST89.ASC
ANEMHGHT 10
SURFDATA 13899 1989 PENSACOLA
UAIRDATA 12832 1989 APALACHICOLA
ME FINISHED

OU STARTING
RECTABLE ALLAVE FIRST SECOND
MAXTABLE ALLAVE 50
OU FINISHED

*** SETUP Finishes Successfully ***

*** ICS13 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine #207 & Emergency Generator 3 1989 Met
*** Revised building height = 38'

*** 11/23/99
*** 06:11:43
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**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

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

-- SCAVENGING/DEPOSITION LOGIC --

**Model Uses NO DRY DEPLETION. DDPLETE = F

**Model Uses NO WET DEPLETION. WDPLETE = F

**NO WET SCAVENGING Data Provided.

**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses RURAL Dispersion.

**Model Uses Regulatory DEFAULT Options:

1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.
8. "Upper Bound" Values for Supersquat Buildings.
9. No Exponential Decay for RURAL Mode

**Model Assumes Receptors on FLAT Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates 2 Short Term Average(s) of: 1-HR 8-HR

**This Run Includes: 2 Source(s); 1 Source Group(s); and 625 Receptor(s)

**The Model Assumes A Pollutant Type of: CO

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

**Output Options Selected:

Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs Tables of Overall Maximum Short Term Values (MAXTABLE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1989 Met
*** Revised building height = 38'

*** 11/23/99
*** 06:11:43
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**MODELOPTs: CONC

RURAL FLAT DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID

SOURCE IDs

ALL 1207 , GEN03 ,

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1989 Met
*** Revised building height = 38'

*** 11/23/99
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**MODELOPTs: CONC

RURAL FLAT DFAULT

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: 1207

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	11.6,	26.1,	0	2	11.6,	27.1,	0	3	11.6,	27.2,	0	4	11.6,	26.5,	0	5	11.6,	25.0,	0	6	11.6,	22.8,	0
7	11.6,	19.8,	0	8	11.6,	16.2,	0	9	11.6,	12.2,	0	10	0.0,	0.0,	0	11	0.0,	0.0,	0	12	0.0,	0.0,	0
13	11.6,	6.3,	0	14	11.6,	10.8,	0	15	11.6,	15.0,	0	16	11.6,	18.7,	0	17	11.6,	21.9,	0	18	11.6,	24.4,	0
19	11.6,	26.1,	0	20	11.6,	27.1,	0	21	11.6,	27.2,	0	22	11.6,	26.5,	0	23	11.6,	25.0,	0	24	11.6,	22.8,	0
25	11.6,	19.8,	0	26	11.6,	16.2,	0	27	11.6,	12.2,	0	28	0.0,	0.0,	0	29	0.0,	0.0,	0	30	0.0,	0.0,	0
31	11.6,	6.3,	0	32	11.6,	10.8,	0	33	11.6,	15.0,	0	34	11.6,	18.7,	0	35	11.6,	21.9,	0	36	11.6,	24.4,	0

SOURCE ID: GEN03

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	3.7,	40.3,	0	2	3.7,	39.8,	0	3	3.7,	38.1,	0	4	3.7,	35.3,	0	5	3.7,	31.3,	0	6	3.7,	26.4,	0
7	3.7,	20.7,	0	8	3.7,	14.4,	0	9	3.7,	7.6,	0	10	3.7,	14.4,	0	11	3.7,	20.7,	0	12	3.7,	26.4,	0
13	3.7,	31.3,	0	14	3.7,	35.3,	0	15	3.7,	38.1,	0	16	3.7,	39.8,	0	17	3.7,	40.3,	0	18	3.7,	39.6,	0
19	3.7,	40.3,	0	20	3.7,	39.8,	0	21	3.7,	38.1,	0	22	3.7,	35.3,	0	23	3.7,	31.3,	0	24	3.7,	26.4,	0
25	3.7,	20.7,	0	26	3.7,	14.4,	0	27	3.7,	7.6,	0	28	3.7,	14.4,	0	29	3.7,	20.7,	0	30	3.7,	26.4,	0
31	3.7,	31.3,	0	32	3.7,	35.3,	0	33	3.7,	38.1,	0	34	3.7,	39.8,	0	35	3.7,	40.3,	0	36	3.7,	39.6,	0

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1989 Met
*** Revised building height = 38'

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**MODELOPTs: CONC

RURAL FLAT DFAULT

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

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

-986.0,	-886.0,	-786.0,	-686.0,	-586.0,	-486.0,	-386.0,	-286.0,	-186.0,	-86.0,
14.0,	114.0,	214.0,	314.0,	414.0,	514.0,	614.0,	714.0,	814.0,	914.0,
1014.0,	1114.0,	1214.0,	1314.0,	1414.0,					

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

-1357.0,	-1257.0,	-1157.0,	-1057.0,	-957.0,	-857.0,	-757.0,	-657.0,	-557.0,	-457.0,
-357.0,	-257.0,	-157.0,	-57.0,	43.0,	143.0,	243.0,	343.0,	443.0,	543.0,
643.0,	743.0,	843.0,	943.0,	1043.0,					

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1989 Met
*** Revised building height = 38'

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**MODELOPTs: CONC

RURAL FLAT DFAULT

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR 3*ZLB IN DISTANCE, OR WITHIN OPEN PIT SOURCE

SOURCE ID	-- RECEPTOR LOCATION --		DISTANCE (METERS)
	XR (METERS)	YR (METERS)	
1207	214.0	-157.0	0.00

**MODELOPTs: CONC RURAL FLAT DEFAULT

*** THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

FILE: 12ST89.ASC
 FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)
 SURFACE STATION NO.: 13899 UPPER AIR STATION NO.: 12832
 NAME: PENSACOLA NAME: APALACHICOLA
 YEAR: 1989 YEAR: 1989

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING HEIGHT (M) RURAL	MIXING HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
89	1	1	1	51.0	4.12	293.2	4	408.7	408.7	0.0000	0.0	0.0000	0	0.00
89	1	1	2	58.0	5.66	293.2	4	431.6	431.6	0.0000	0.0	0.0000	0	0.00
89	1	1	3	84.0	3.60	293.2	4	454.4	454.4	0.0000	0.0	0.0000	0	0.00
89	1	1	4	63.0	2.57	293.2	5	477.3	582.0	0.0000	0.0	0.0000	0	0.00
89	1	1	5	73.0	3.60	293.2	4	500.2	500.2	0.0000	0.0	0.0000	0	0.00
89	1	1	6	62.0	4.12	292.6	4	523.1	523.1	0.0000	0.0	0.0000	0	0.00
89	1	1	7	105.0	3.60	292.6	4	545.9	545.9	0.0000	0.0	0.0000	0	0.00
89	1	1	8	73.0	3.60	292.6	4	568.8	568.8	0.0000	0.0	0.0000	0	0.00
89	1	1	9	57.0	2.06	293.7	4	591.7	591.7	0.0000	0.0	0.0000	0	0.00
89	1	1	10	61.0	3.60	293.7	4	614.5	614.5	0.0000	0.0	0.0000	0	0.00
89	1	1	11	74.0	3.09	294.3	4	637.4	637.4	0.0000	0.0	0.0000	0	0.00
89	1	1	12	146.0	2.06	294.3	4	660.3	660.3	0.0000	0.0	0.0000	0	0.00
89	1	1	13	313.0	1.54	295.9	3	683.1	683.1	0.0000	0.0	0.0000	0	0.00
89	1	1	14	109.0	2.57	295.4	4	706.0	706.0	0.0000	0.0	0.0000	0	0.00
89	1	1	15	282.0	2.06	294.3	4	706.0	706.0	0.0000	0.0	0.0000	0	0.00
89	1	1	16	274.0	2.06	293.2	4	706.0	706.0	0.0000	0.0	0.0000	0	0.00
89	1	1	17	181.0	3.09	292.6	4	706.0	706.0	0.0000	0.0	0.0000	0	0.00
89	1	1	18	167.0	3.60	292.0	4	694.4	694.4	0.0000	0.0	0.0000	0	0.00
89	1	1	19	184.0	3.09	291.5	4	678.5	678.5	0.0000	0.0	0.0000	0	0.00
89	1	1	20	177.0	3.09	290.4	5	662.6	632.6	0.0000	0.0	0.0000	0	0.00
89	1	1	21	180.0	2.57	290.4	4	646.7	646.7	0.0000	0.0	0.0000	0	0.00
89	1	1	22	182.0	2.06	289.8	5	630.7	578.8	0.0000	0.0	0.0000	0	0.00
89	1	1	23	180.0	0.00	289.3	6	614.8	551.9	0.0000	0.0	0.0000	0	0.00
89	1	1	24	180.0	3.60	289.3	5	598.9	525.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
 FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-986.00	-886.00	X-COORD (METERS) -786.00	-686.00	-586.00
1043.0	11.58978 (89102022)	11.33128 (89021221)	11.32715 (89090824)	12.47916 (89031924)	11.93794 (89050322)
943.0	10.69180 (89021403)	11.70460 (89102022)	11.53893 (89021221)	10.85785 (89090824)	11.31565 (89031720)
843.0	9.05920 (89051722)	10.61319 (89021403)	11.12807 (89102022)	11.23282 (89060704)	11.62787 (89031703)
743.0	11.29746 (89042322)	9.30139 (89051722)	10.33437 (89070119)	11.92158 (89051719)	12.32157 (89072519)
643.0	11.46416 (89051323)	11.24138 (89042322)	10.39333 (89093024)	12.19271 (89070119)	13.82245 (89020211)
543.0	11.54967 (89051503)	12.78498 (89051503)	12.20394 (89081319)	12.44893 (89111217)	14.60896 (89070119)
443.0	11.31101 (89012921)	12.38745 (89031108)	15.11386 (89051503)	14.98131 (89081319)	15.29128 (89111217)
343.0	12.30030 (89070820)	14.70678 (89070820)	14.19523 (89031606)	16.01854 (89082819)	17.56241 (89081319)
243.0	12.35978 (89120808)	13.77111 (89070118)	14.94765 (89112203)	17.74232 (89070820)	18.90896 (89031606)
143.0	12.74701 (89052407)	15.37102 (89112204)	16.44113 (89112204)	17.78092 (89120808)	19.91101 (89112203)
43.0	13.03637 (89040505)	14.65696 (89010115)	16.59716 (89042113)	18.59152 (89052407)	21.09925 (89082018)
-57.0	14.66415 (89111818)	15.79993 (89111818)	17.00595 (89071807)	18.98286 (89041420)	21.15364 (89022115)
-157.0	14.99958 (89072207)	16.71202 (89072207)	18.85328 (89072207)	21.60209 (89072207)	25.23364 (89072207)
-257.0	20.70509 (89072207)	20.88745 (89072207)	20.28137 (89072207)	18.88984 (89051407)	21.12377 (89032804)
-357.0	13.06003 (89030203)	13.80591 (89030203)	15.75894 (89082807)	18.60110 (89082807)	20.54073 (89011716)
-457.0	12.76064 (89051408)	15.08651 (89051502)	16.59753 (89051502)	21.22568 (89102707)	28.27134 (89102707)
-557.0	12.96214 (89102707)	20.25842 (89102707)	23.86175 (89102707)	17.46785 (89102707)	18.67560 (89011016)
-657.0	19.87765 (89102707)	15.76643 (89102707)	16.05795 (89051406)	16.11579 (89102507)	25.14020 (89012508)
-757.0	13.93207 (89051406)	12.33666 (89101723)	17.31564 (89102507)	22.74068 (89012508)	24.00933 (89011808)
-857.0	12.00001 (89052103)	16.46055 (89102507)	19.73695 (89012508)	20.54991 (89011808)	14.91713 (89060609)
-957.0	15.99179 (89012508)	16.94942 (89012508)	17.90656 (89011808)	12.80405 (89060609)	13.28018 (89011918)
-1057.0	15.94022 (89011808)	15.83909 (89011808)	11.29850 (89102201)	11.27663 (89121021)	10.93518 (89062906)
-1157.0	14.18414 (89011808)	11.59639 (89071901)	12.24712 (89121021)	11.05385 (89092023)	11.53542 (89092716)
-1257.0	12.22292 (89071901)	12.08741 (89121021)	11.19901 (89092023)	11.48573 (89102323)	13.63082 (89031007)
-1357.0	11.26331 (89121021)	11.61712 (89102501)	11.61302 (89102624)	11.58996 (89110404)	13.40581 (89031007)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-486.00	-386.00	X-COORD (METERS) -286.00	-186.00	-86.00
1043.0	14.37501 (89010708)	11.03737 (89090922)	11.10495 (89070302)	11.27499 (89101703)	11.58374 (89051507)
943.0	16.07004 (89010708)	11.70861 (89052919)	12.06808 (89112721)	13.28478 (89120610)	13.53392 (89051507)
843.0	13.18167 (89010708)	16.41067 (89010708)	12.64985 (89112721)	15.18454 (89120610)	15.46974 (89051507)
743.0	13.44243 (89082818)	19.30411 (89010708)	14.74763 (89052919)	15.34631 (89120610)	16.93067 (89051507)
643.0	13.55236 (89031703)	14.79070 (89082818)	18.81458 (89010708)	17.16419 (89112721)	17.06973 (89051507)
543.0	16.23897 (89112614)	17.46190 (89031703)	24.23266 (89010708)	18.05234 (89031608)	20.20083 (89101703)
443.0	17.69621 (89070119)	19.49971 (89072519)	20.65931 (89082818)	21.66751 (89051619)	21.94819 (89042911)
343.0	18.80387 (89111217)	21.21445 (89070119)	21.57965 (89041423)	31.81610 (89010708)	24.78885 (89100517)
243.0	20.58076 (89022110)	22.47308 (89111217)	24.14648 (89110210)	26.18285 (89051618)	27.26978 (89020216)
143.0	21.45796 (89012921)	23.81796 (89031809)	26.74487 (89110701)	28.33028 (89072319)	37.83755 (89010708)
43.0	21.49305 (89041419)	25.91282 (89083009)	29.14739 (89101517)	32.43543 (89111421)	36.92522 (89091115)
-57.0	22.03842 (89040505)	26.87363 (89062310)	30.67186 (89053007)	34.39561 (89051415)	46.19413 (89053009)
-157.0	30.13150 (89072207)	36.58691 (89072207)	43.68110 (89072207)	44.40490 (89072207)	39.56155 (89073110)
-257.0	22.90674 (89030203)	26.40222 (89093010)	30.36399 (89101413)	33.95770 (89101605)	35.68413 (89080810)
-357.0	22.90285 (89090808)	29.58446 (89102707)	28.65163 (89092920)	34.96773 (89011808)	34.71996 (89092819)
-457.0	21.79616 (89051406)	26.16172 (89102507)	39.34410 (89011808)	28.91149 (89092712)	31.28895 (89092916)
-557.0	26.78754 (89102507)	34.30730 (89011808)	23.64972 (89051904)	28.65119 (89031007)	27.04288 (89012009)
-657.0	28.58285 (89011808)	20.81332 (89101713)	21.54834 (89100508)	23.41623 (89101415)	24.51118 (89092915)
-757.0	17.74781 (89101713)	17.61243 (89072607)	24.55919 (89031007)	20.93672 (89020520)	21.83597 (89101217)
-857.0	15.93376 (89011918)	17.15354 (89092716)	17.77135 (89031007)	19.12854 (89092914)	19.10225 (89101217)
-957.0	14.01403 (89092716)	19.57910 (89031007)	16.25851 (89112515)	16.65084 (89010817)	17.45588 (89010818)
-1057.0	14.81156 (89031007)	14.20219 (89031007)	14.73297 (89091508)	15.30997 (89073107)	15.91767 (89092706)
-1157.0	15.97810 (89031007)	14.19577 (89082721)	14.51740 (89020502)	13.52615 (89022107)	16.37394 (89052120)
-1257.0	11.84068 (89031007)	11.96667 (89082721)	12.38059 (89020502)	12.36030 (89031807)	16.19378 (89052120)
-1357.0	12.60016 (89082721)	11.80589 (89081322)	11.25187 (89092101)	12.41285 (89081420)	15.48825 (89052120)

**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	14.00	114.00	214.00	314.00	414.00
1043.0	10.95662 (89060718)	15.81602 (89020308)	10.27210 (89091020)	10.95716 (89060517)	10.95060 (89081123)
943.0	11.93199 (89060718)	16.96193 (89020308)	11.08796 (89060319)	12.46055 (89100518)	12.08443 (89110816)
843.0	13.57224 (89013119)	18.21002 (89020308)	12.29803 (89060319)	13.18393 (89100518)	12.51625 (89052116)
743.0	15.61907 (89013119)	19.50574 (89020308)	14.98786 (89060517)	13.76515 (89070211)	15.72537 (89052116)
643.0	18.09728 (89052115)	20.72227 (89020308)	17.88009 (89060517)	17.26048 (89110816)	24.13634 (89070307)
543.0	21.30432 (89052115)	21.56312 (89020308)	19.88537 (89100518)	18.22912 (89052116)	29.81909 (89070307)
443.0	25.24167 (89052115)	22.65401 (89112616)	21.93416 (89073019)	27.42516 (89070307)	19.47347 (89110713)
343.0	29.62123 (89052115)	25.89551 (89070919)	25.00238 (89051520)	39.23049 (89070307)	22.08152 (89080119)
243.0	32.60337 (89052115)	28.83813 (89062619)	32.91101 (89052116)	26.54476 (89061907)	24.64248 (89100218)
143.0	33.01292 (89110720)	33.34504 (89061220)	47.43716 (89052114)	29.26508 (89050417)	26.29072 (89100101)
43.0	42.73669 (89031515)	42.84134 (89042815)	36.80747 (89070513)	32.53931 (89082318)	34.59533 (89052117)
-57.0	52.80926 (89040310)	52.85233 (89060416)	53.58119 (89052117)	34.09069 (89082519)	30.18336 (89110821)
-157.0	81.12650 (89060810)	58.61288 (89112220)	46.56474 (89050616)	37.51830 (89010316)	29.29407 (89030613)
-257.0	48.41871 (89030110)	50.63198 (89112912)	42.85024 (89111612)	33.02911 (89011511)	39.64316 (89031207)
-357.0	39.93348 (89092323)	40.71664 (89051110)	35.39620 (89090109)	31.52576 (89060905)	28.22004 (89041904)
-457.0	32.70781 (89080808)	32.27209 (89100724)	30.60335 (89013016)	28.06933 (89072807)	26.09553 (89012706)
-557.0	28.10428 (89100707)	29.23263 (89102207)	27.62330 (89100709)	24.45075 (89092523)	23.97573 (89072807)
-657.0	26.56606 (89101807)	35.03915 (89102207)	23.37102 (89021818)	23.19702 (89093013)	21.93525 (89090220)
-757.0	26.98046 (89101807)	34.92325 (89102207)	22.26666 (89091918)	21.46390 (89080207)	22.88054 (89101707)
-857.0	25.74585 (89101807)	32.30261 (89102207)	19.39438 (89080801)	18.84773 (89121517)	18.17543 (89093013)
-957.0	24.00963 (89101807)	29.05289 (89102207)	17.70260 (89091208)	16.93562 (89082719)	16.35783 (89080207)
-1057.0	22.22895 (89101807)	25.94011 (89102207)	16.19674 (89122016)	15.19179 (89091718)	14.34827 (89121716)
-1157.0	20.56290 (89101807)	23.19813 (89102207)	14.05570 (89122016)	13.68949 (89091918)	13.12562 (89021605)
-1257.0	19.05612 (89101807)	20.85080 (89102207)	13.52555 (89102207)	12.28390 (89080801)	11.92717 (89082719)
-1357.0	17.71119 (89101807)	18.85856 (89102207)	14.45885 (89102207)	11.72445 (89080924)	11.27351 (89022420)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	514.00	614.00	X-COORD (METERS) 714.00	814.00	914.00
1043.0 |	11.61863 (89052116)	18.11289 (89070307)	14.48026 (89070307)	10.63993 (89062105)	11.21918 (89090204)
943.0 |	13.69221 (89070307)	19.85488 (89070307)	12.03953 (89110713)	11.80759 (89042401)	12.37757 (89060922)
843.0 |	20.80416 (89070307)	15.89087 (89070307)	10.97543 (89022707)	11.22361 (89042224)	11.55216 (89112206)
743.0 |	23.80376 (89070307)	13.56184 (89110713)	11.07872 (89080119)	11.94165 (89082919)	10.98077 (89082303)
643.0 |	17.20321 (89070307)	12.58269 (89080119)	13.72713 (89082919)	10.46715 (89100218)	11.92221 (89061520)
543.0 |	16.66734 (89012317)	15.30308 (89082919)	12.75544 (89100218)	13.81535 (89061520)	12.39791 (89040423)
443.0 |	17.14102 (89080119)	15.90121 (89100218)	16.12584 (89061520)	14.85532 (89112122)	13.28814 (89032112)
343.0 |	19.99536 (89100218)	19.07812 (89042910)	17.18924 (89112122)	16.44188 (89090719)	14.25319 (89090719)
243.0 |	22.72215 (89042910)	19.47568 (89032112)	18.84650 (89090719)	18.07270 (89052117)	15.47511 (89052117)
143.0 |	23.72120 (89010109)	23.70052 (89052117)	19.16587 (89052117)	16.44364 (89072410)	16.03635 (89072817)
43.0 |	24.86257 (89052117)	23.00278 (89072817)	20.24770 (89032420)	17.01593 (89071607)	14.89713 (89052318)
-57.0 |	25.65769 (89071306)	23.13412 (89041824)	20.47338 (89042019)	18.99871 (89042019)	16.56540 (89042019)
-157.0 |	22.77493 (89030613)	21.48928 (89020205)	19.72784 (89020205)	17.71887 (89020205)	15.79027 (89020205)
-257.0 |	25.44131 (89080208)	22.60599 (89041503)	20.79064 (89041503)	16.82704 (89041503)	12.94178 (89041503)
-357.0 |	25.68049 (89081619)	30.64236 (89031207)	27.14802 (89031207)	17.56692 (89062319)	16.48571 (89062319)
-457.0 |	23.78063 (89073116)	21.43299 (89073115)	18.69168 (89081619)	17.90699 (89031207)	21.90021 (89031207)
-557.0 |	23.09448 (89041906)	20.52313 (89100318)	17.46600 (89080420)	15.65034 (89073115)	13.44386 (89081619)
-657.0 |	20.97560 (89073007)	21.16256 (89041906)	17.16478 (89100318)	15.91340 (89073116)	14.13628 (89073115)
-757.0 |	19.19613 (89092213)	18.63042 (89041906)	19.07004 (89041906)	13.19818 (89100318)	13.37350 (89050104)
-857.0 |	16.96109 (89080720)	15.81626 (89032405)	17.11274 (89041906)	17.22321 (89041906)	11.12421 (89122501)
-957.0 |	19.23916 (89101707)	15.96368 (89080720)	13.08581 (89032405)	15.69908 (89041906)	15.65838 (89041906)
-1057.0 |	13.90891 (89093013)	16.73406 (89101707)	12.86133 (89080720)	11.43862 (89111722)	14.44896 (89041906)
-1157.0 |	12.55806 (89020501)	15.78302 (89101707)	12.67692 (89080720)	11.91814 (89111721)	12.18801 (89111722)
-1257.0 |	11.67695 (89120321)	11.00064 (89093013)	15.05913 (89101707)	11.72708 (89080720)	11.97551 (89111721)
-1357.0 |	11.81342 (89011623)	11.69017 (89061701)	13.11527 (89101707)	12.24753 (89101707)	12.73498 (89122419)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	1014.00	1114.00	X-COORD (METERS) 1214.00	1314.00	1414.00
1043.0	12.14668 (89060922)	11.45276 (89031102)	11.58380 (89082303)	11.38660 (89120522)	11.16381 (89020104)
943.0	11.66271 (89031102)	11.58986 (89082303)	11.30698 (89120522)	11.59354 (89020104)	12.95336 (89012519)
843.0	11.41286 (89082303)	11.02539 (89120522)	11.58325 (89020104)	12.33851 (89012519)	14.22477 (89010221)
743.0	10.47194 (89120522)	10.89922 (89020104)	10.42192 (89012519)	13.56330 (89010221)	10.31197 (89122601)
643.0	10.99279 (89040423)	11.16971 (89010221)	10.37539 (89122601)	11.41162 (89071723)	12.53111 (89011306)
543.0	11.83649 (89010221)	11.79549 (89090719)	11.50518 (89051221)	11.69555 (89122708)	12.71572 (89070502)
443.0	14.18678 (89090719)	12.08665 (89052117)	12.35103 (89052117)	11.17184 (89052117)	11.54951 (89100221)
343.0	14.65156 (89052117)	12.96970 (89052117)	10.92170 (89072410)	11.21726 (89041623)	11.64725 (89091422)
243.0	13.65630 (89072410)	11.57415 (89072817)	11.97958 (89122506)	11.80324 (89010219)	10.87242 (89120506)
143.0	13.56462 (89032420)	12.66914 (89032420)	10.97377 (89091321)	10.80720 (89122508)	11.51737 (89090104)
43.0	14.56117 (89052318)	13.05936 (89041824)	11.76058 (89041824)	10.48298 (89071223)	11.58111 (89071223)
-57.0	14.73634 (89020204)	13.32445 (89020204)	12.51706 (89070220)	11.90208 (89070220)	11.60880 (89072721)
-157.0	14.06098 (89020205)	12.58968 (89020205)	11.34981 (89020205)	11.88557 (89072802)	12.31356 (89072802)
-257.0	11.35619 (89073006)	11.01755 (89073006)	11.17855 (89042822)	11.14189 (89042822)	11.21753 (89060124)
-357.0	14.48837 (89102109)	12.70671 (89102109)	11.80898 (89041503)	10.58282 (89041503)	10.73808 (89042703)
-457.0	19.57462 (89031207)	14.63723 (89031207)	11.32029 (89062319)	12.10816 (89060923)	10.77680 (89071201)
-557.0	11.26698 (89031207)	15.71250 (89031207)	16.90787 (89031207)	15.36811 (89031207)	12.50608 (89031207)
-657.0	11.51138 (89073115)	10.93830 (89103103)	9.94513 (89120324)	11.55105 (89092120)	13.45241 (89031207)
-757.0	11.52112 (89073116)	11.35451 (89073115)	11.34713 (89073003)	11.60690 (89103103)	11.79337 (89120324)
-857.0	11.62872 (89100318)	11.43265 (89102005)	11.93306 (89012320)	11.30539 (89102006)	11.45996 (89073003)
-957.0	11.94413 (89122501)	11.21350 (89120403)	10.73238 (89080422)	10.68756 (89082601)	12.88492 (89012320)
-1057.0	14.33695 (89041906)	11.63512 (89122501)	11.70693 (89031024)	11.77208 (89102004)	11.74980 (89102005)
-1157.0	13.35830 (89041906)	13.21407 (89041906)	11.71465 (89120323)	12.87352 (89031024)	11.48933 (89100201)
-1257.0	12.47944 (89041802)	12.46124 (89011622)	12.25190 (89041906)	12.57105 (89120323)	12.80595 (89031024)
-1357.0	11.60126 (89031106)	12.85880 (89041802)	12.76683 (89011622)	11.59781 (89111005)	12.94000 (89120323)

**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE 2ND HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-986.00	-886.00	X-COORD (METERS)	-786.00	-686.00	-586.00
1043.0	11.49012 (89090901)	8.90707 (89012518)	10.46364 (89072122)	11.52317 (89062722)	11.91415 (89010708)	
943.0	9.86355 (89072121)	11.59557 (89090901)	10.54411 (89060704)	10.15904 (89072122)	11.12941 (89060624)	
843.0	8.78183 (89032622)	9.88274 (89072121)	11.07523 (89021220)	11.05789 (89072519)	10.43438 (89082205)	
743.0	11.26888 (89072622)	9.18936 (89032622)	10.29491 (89021403)	11.56673 (89020211)	12.21968 (89010705)	
643.0	11.44990 (89020220)	11.21052 (89072622)	10.32486 (89111217)	12.12577 (89102317)	13.78983 (89052207)	
543.0	10.82284 (89082819)	11.71833 (89022110)	12.12978 (89120617)	12.23859 (89093024)	14.51273 (89102317)	
443.0	10.81790 (89070301)	12.35208 (89120413)	13.33941 (89082819)	14.87264 (89120617)	14.69114 (89093024)	
343.0	11.41240 (89112203)	12.17330 (89012921)	13.83565 (89012921)	16.00809 (89031809)	17.40154 (89120617)	
243.0	11.59877 (89111916)	13.59169 (89111916)	14.47520 (89070820)	16.17060 (89012921)	18.43485 (89031108)	
143.0	12.23298 (89082018)	14.45586 (89082018)	15.42410 (89041419)	17.62864 (89111916)	19.15069 (89070118)	
43.0	12.89326 (89121417)	14.59000 (89012922)	16.23706 (89010115)	17.44568 (89042113)	20.86951 (89072219)	
-57.0	13.10033 (89071807)	15.03258 (89071807)	16.59515 (89041420)	18.94751 (89111914)	20.34431 (89041420)	
-157.0	14.33799 (89121723)	15.63887 (89121723)	16.95448 (89121723)	18.94690 (89111209)	21.25020 (89111209)	
-257.0	12.87430 (89062209)	14.95158 (89062209)	17.03461 (89062209)	18.51468 (89032804)	21.05403 (89040502)	
-357.0	12.58534 (89041421)	13.11236 (89050406)	14.90736 (89093010)	18.33898 (89051408)	20.26794 (89012909)	
-457.0	12.55847 (89012909)	14.20253 (89011716)	16.05556 (89090808)	17.80702 (89101310)	19.57335 (89031808)	
-557.0	12.41059 (89051308)	13.58950 (89111816)	15.12031 (89031808)	17.13525 (89051406)	18.38427 (89042908)	
-657.0	11.85510 (89031808)	13.67931 (89051406)	14.26996 (89030202)	15.60631 (89072707)	22.19266 (89102507)	
-757.0	11.96276 (89082722)	12.32588 (89042908)	14.42998 (89012508)	17.45595 (89011808)	17.17916 (89111409)	
-857.0	11.40749 (89102507)	15.86265 (89012508)	17.45564 (89011808)	15.12041 (89111409)	14.82919 (89101713)	
-957.0	14.74197 (89102507)	16.83233 (89011808)	13.27513 (89111409)	12.47123 (89101713)	11.96456 (89092907)	
-1057.0	14.57160 (89012508)	11.70670 (89111409)	11.08101 (89060609)	11.01395 (89121722)	10.85695 (89092911)	
-1157.0	11.61409 (89111207)	11.47886 (89102201)	11.37968 (89091004)	10.67690 (89082003)	11.18413 (89020504)	
-1257.0	11.38837 (89102201)	11.04256 (89091004)	11.14001 (89102501)	11.43264 (89090706)	11.83749 (89100605)	
-1357.0	10.63495 (89081104)	11.57857 (89090903)	11.60020 (89051422)	11.49653 (89090704)	11.48764 (89110403)	

**MODELOPTS: CONC

RURAL FLAT DFAULT

*** THE 2ND HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-486.00	-386.00	X-COORD (METERS) -286.00	-186.00	-86.00
1043.0	11.96536 (89062724)	10.79787 (89051620)	10.56815 (89120610)	11.21487 (89012924)	11.53173 (89052115)
943.0	10.61080 (89021522)	11.63219 (89111117)	10.24503 (89090923)	12.41605 (89031701)	11.59860 (89073010)
843.0	11.23962 (89050322)	12.82561 (89031624)	11.96348 (89072208)	13.40780 (89111507)	12.04517 (89010809)
743.0	13.43540 (89081918)	13.05711 (89101624)	14.62239 (89111117)	15.33851 (89111507)	14.17867 (89010809)
643.0	12.90432 (89041217)	14.78129 (89081918)	16.59330 (89031624)	14.96279 (89100517)	16.88897 (89101703)
543.0	16.13264 (89020211)	15.98129 (89051618)	17.13068 (89101624)	18.00358 (89120703)	19.97446 (89012924)
443.0	17.54829 (89102317)	19.21876 (89010705)	20.63945 (89081918)	21.48541 (89052919)	21.86701 (89060804)
343.0	17.62899 (89093024)	20.98038 (89102317)	20.95584 (89041217)	23.34698 (89041318)	24.41393 (89082207)
243.0	19.89378 (89093012)	22.06771 (89012817)	24.11450 (89070119)	26.15957 (89120616)	27.19325 (89010517)
143.0	21.29739 (89011023)	23.76996 (89082819)	26.56849 (89031702)	28.14642 (89011215)	31.57362 (89120717)
43.0	21.45528 (89011218)	25.87659 (89101622)	28.96357 (89062210)	31.79089 (89021323)	36.57951 (89051918)
-57.0	21.44069 (89121417)	25.43690 (89053008)	30.21618 (89022021)	34.17744 (89032905)	45.75573 (89082115)
-157.0	23.55982 (89011912)	26.48125 (89101606)	30.64025 (89032608)	35.63081 (89051808)	38.74119 (89092111)
-257.0	22.60828 (89011403)	26.40090 (89072407)	30.12228 (89092901)	33.63049 (89021805)	34.99128 (89102909)
-357.0	22.81406 (89051308)	25.36296 (89091915)	27.93380 (89011119)	32.43402 (89090411)	34.18892 (89121515)
-457.0	20.91285 (89050708)	24.03345 (89082007)	28.72615 (89012508)	28.82185 (89051702)	30.67410 (89092424)
-557.0	24.71972 (89012508)	23.17212 (89012508)	23.15125 (89101321)	25.83072 (89101419)	26.98072 (89091522)
-657.0	19.07357 (89111409)	20.65947 (89051904)	21.24464 (89021820)	23.41239 (89031007)	24.37962 (89092908)
-757.0	17.39949 (89060609)	17.55999 (89092911)	20.34957 (89092714)	20.93672 (89020522)	21.67714 (89022107)
-857.0	14.43937 (89100308)	16.94321 (89020504)	17.57296 (89062919)	18.97293 (89102817)	18.91176 (89031807)
-957.0	12.89443 (89100508)	15.51210 (89110213)	15.32750 (89020520)	16.49122 (89102517)	17.39251 (89120116)
-1057.0	12.86422 (89020504)	13.31462 (89062919)	14.23421 (89102817)	15.02991 (89102517)	15.66446 (89091107)
-1157.0	12.09526 (89091409)	12.34054 (89062919)	13.22198 (89092914)	13.37644 (89031807)	15.30341 (89092706)
-1257.0	11.60606 (89061104)	11.46731 (89020520)	11.81302 (89010817)	12.26451 (89101217)	14.02228 (89092706)
-1357.0	11.66768 (89072524)	11.29040 (89020502)	11.24894 (89051603)	11.56006 (89062805)	12.51223 (89092706)

**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE 2ND HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS) |	14.00	114.00	X-COORD (METERS) 214.00	314.00	414.00
1043.0 |	10.90172 (89062123)	10.77073 (89061808)	9.73771 (89060319)	10.83602 (89100518)	10.71755 (89062121)
943.0 |	11.88810 (89013119)	12.09506 (89112617)	10.63928 (89091020)	10.95492 (89060517)	10.56301 (89062620)
843.0 |	13.50321 (89052115)	13.78416 (89112617)	11.87813 (89060517)	12.17547 (89073019)	12.42669 (89110816)
743.0 |	15.54186 (89052115)	15.81627 (89112617)	13.10501 (89060319)	13.75804 (89050319)	13.19383 (89090118)
643.0 |	17.91666 (89013119)	18.05381 (89112617)	15.68055 (89043019)	15.67212 (89011302)	17.59331 (89052116)
543.0 |	20.29451 (89013119)	20.28508 (89112617)	19.01862 (89060517)	18.15001 (89032109)	23.81623 (89052114)
443.0 |	22.69421 (89070421)	22.15124 (89121205)	21.54597 (89121206)	23.33928 (89052116)	19.23958 (89012317)
343.0 |	24.91304 (89073010)	25.23205 (89061019)	24.24953 (89011302)	32.40343 (89052114)	20.54420 (89112802)
243.0 |	28.67328 (89121207)	28.53572 (89013117)	28.12024 (89090118)	25.94043 (89010815)	23.17507 (89112120)
143.0 |	32.96825 (89031618)	32.96146 (89011424)	45.51397 (89070307)	29.03461 (89112120)	25.58451 (89110813)
43.0 |	42.35145 (89040224)	42.46431 (89050821)	36.65332 (89052509)	32.39275 (89052619)	28.61223 (89071907)
-57.0 |	52.39424 (89031514)	51.66978 (89112219)	45.49947 (89042717)	34.08169 (89020109)	30.07826 (89123115)
-157.0 |	68.69849 (89011109)	57.19407 (89050713)	45.67042 (89010310)	36.12293 (89050616)	28.41900 (89122517)
-257.0 |	46.13550 (89110801)	50.23830 (89101912)	42.50356 (89102015)	32.96404 (89033107)	30.02062 (89082619)
-357.0 |	39.29884 (89092402)	40.68035 (89092321)	34.66090 (89040513)	31.51810 (89112108)	28.19629 (89042508)
-457.0 |	32.30302 (89092815)	32.12228 (89050108)	30.58976 (89031904)	27.64952 (89102008)	25.87969 (89060208)
-557.0 |	27.82923 (89012005)	28.18104 (89100317)	27.49654 (89101711)	24.31941 (89020611)	23.28272 (89073007)
-657.0 |	25.19118 (89073117)	24.52121 (89100317)	22.99466 (89082719)	22.93697 (89111009)	21.80272 (89010112)
-757.0 |	23.06878 (89080906)	21.76373 (89021607)	21.67644 (89091718)	20.03003 (89032414)	19.77967 (89072919)
-857.0 |	20.87929 (89080906)	19.97799 (89041907)	19.29953 (89111804)	18.82558 (89021605)	16.57099 (89111009)
-957.0 |	18.92262 (89031907)	17.72425 (89041907)	17.64479 (89060707)	16.84074 (89021818)	16.07797 (89020501)
-1057.0 |	17.85072 (89031907)	15.87458 (89081920)	15.64293 (89072908)	14.23350 (89091918)	13.89366 (89121517)
-1157.0 |	16.70189 (89031907)	14.72370 (89122021)	13.93585 (89072908)	13.28447 (89091718)	12.87589 (89121517)
-1257.0 |	15.56622 (89031907)	13.69673 (89122021)	12.29783 (89122017)	12.14835 (89020524)	11.70188 (89021818)
-1357.0 |	14.51961 (89031907)	12.69605 (89122021)	11.67481 (89092704)	11.23491 (89122016)	11.24142 (89040604)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 2ND HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS) |	514.00	614.00	X-COORD (METERS) 714.00	814.00	914.00
1043.0 |	11.22436 (89031405)	12.53552 (89052114)	13.04350 (89052114)	10.63704 (89022707)	10.38712 (89033005)
943.0 |	13.36890 (89052116)	15.72256 (89052114)	11.95241 (89033004)	11.00337 (89091320)	11.49651 (89060323)
843.0 |	14.11541 (89052114)	14.64338 (89052114)	10.95554 (89012317)	10.69245 (89060922)	11.23686 (89031102)
743.0 |	18.90238 (89052114)	13.31291 (89012317)	10.65380 (89090204)	11.44884 (89112206)	10.40008 (89042223)
643.0 |	16.76399 (89110713)	11.78855 (89061907)	10.54422 (89061521)	10.35760 (89061522)	11.89129 (89112123)
543.0 |	15.94572 (89061907)	12.15597 (89061521)	12.08134 (89061522)	13.77350 (89112123)	12.19455 (89112122)
443.0 |	15.53866 (89082919)	14.23849 (89061522)	16.06510 (89112123)	13.50137 (89040423)	12.15122 (89010109)
343.0 |	17.69518 (89082919)	19.00467 (89010816)	15.79249 (89071409)	15.94947 (89010109)	14.04665 (89061108)
243.0 |	22.60553 (89010816)	18.19149 (89061515)	17.62119 (89072719)	16.90987 (89080919)	13.84609 (89072410)
143.0 |	23.46722 (89070707)	21.69912 (89061108)	19.16558 (89072410)	15.59524 (89071219)	14.34085 (89092208)
43.0 |	24.64911 (89072410)	22.73491 (89092208)	18.55366 (89092118)	16.98788 (89071408)	14.17745 (89011421)
-57.0 |	24.45367 (89080220)	22.02012 (89052318)	20.47338 (89110815)	18.99871 (89110815)	16.56540 (89110815)
-157.0 |	22.69402 (89032307)	19.53003 (89092212)	17.85285 (89092212)	15.98289 (89092212)	14.20735 (89092212)
-257.0 |	25.30886 (89041919)	22.17457 (89102109)	18.86488 (89072818)	15.57859 (89072818)	12.23298 (89072818)
-357.0 |	23.61440 (89100105)	21.21460 (89101710)	19.10486 (89032407)	17.50055 (89101709)	16.42619 (89101709)
-457.0 |	23.49128 (89100118)	20.91407 (89120217)	16.68475 (89100105)	14.30336 (89011517)	16.85626 (89062907)
-557.0 |	22.78596 (89083107)	19.41081 (89101708)	16.93803 (89082607)	14.97794 (89120217)	11.89288 (89100105)
-657.0 |	19.95604 (89041906)	19.22244 (89083107)	15.59041 (89101708)	15.29698 (89050104)	12.67952 (89082607)
-757.0 |	18.66441 (89032413)	17.70962 (89073007)	15.86554 (89083107)	13.09256 (89100208)	12.62428 (89073116)
-857.0 |	16.86144 (89101707)	15.73680 (89092213)	14.72232 (89073007)	13.13258 (89083107)	10.91895 (89072824)
-957.0 |	16.89529 (89052720)	14.56038 (89090220)	12.16675 (89092213)	12.34812 (89073007)	11.06185 (89083107)
-1057.0 |	12.73890 (89052720)	12.55099 (89052720)	11.93126 (89092213)	10.92369 (89031103)	11.19733 (89042124)
-1157.0 |	12.18807 (89080207)	13.82401 (89052720)	12.06262 (89101707)	11.22136 (89111007)	11.41292 (89031103)
-1257.0 |	11.59068 (89051022)	10.91427 (89102124)	11.68420 (89042303)	11.48147 (89011621)	11.34577 (89031106)
-1357.0 |	11.69091 (89100321)	11.22187 (89031105)	11.32652 (89052720)	11.63837 (89012404)	11.68758 (89122422)

**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE 2ND HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	1014.00	1114.00	1214.00	1314.00	1414.00
1043.0	11.09682 (89060323)	11.04311 (89042402)	10.56082 (89042223)	11.35291 (89042221)	11.15964 (89051321)
943.0	10.86197 (89112206)	10.68289 (89042223)	11.27096 (89042221)	11.58888 (89051321)	11.59912 (89120520)
843.0	10.65351 (89042223)	10.98740 (89042221)	11.57821 (89051321)	11.19777 (89120520)	12.70063 (89061101)
743.0	10.43275 (89042221)	10.89408 (89051321)	10.14486 (89011303)	12.35858 (89061101)	10.21468 (89071524)
643.0	10.89329 (89012519)	10.87910 (89011303)	10.26497 (89071524)	10.47468 (89090719)	11.46197 (89022521)
543.0	11.49540 (89061101)	10.76684 (89010109)	11.49428 (89042701)	11.60436 (89071023)	10.74990 (89021120)
443.0	11.98870 (89010109)	11.40324 (89061108)	12.00961 (89070502)	10.29901 (89122519)	10.08832 (89080622)
343.0	13.11280 (89080919)	10.67591 (89080919)	10.37625 (89100221)	11.19144 (89100122)	11.00172 (89122506)
243.0	11.32874 (89052117)	10.78354 (89071219)	11.32239 (89072817)	11.27583 (89120506)	10.84669 (89122623)
143.0	12.79051 (89072817)	11.16285 (89071408)	10.46215 (89032420)	10.79162 (89122521)	10.72146 (89071405)
43.0	13.65017 (89041824)	13.00305 (89052318)	11.03593 (89052318)	10.21649 (89041824)	10.56050 (89120419)
-57.0	14.05386 (89042019)	12.97770 (89070220)	11.94509 (89020204)	11.26468 (89072721)	11.21964 (89070220)
-157.0	12.62688 (89092212)	11.28732 (89092212)	11.32014 (89072802)	10.82185 (89080722)	10.81576 (89122701)
-257.0	11.05784 (89070219)	10.81303 (89042822)	10.50570 (89073006)	10.79483 (89122621)	11.21753 (89090205)
-357.0	13.34875 (89062319)	12.57184 (89041503)	10.53293 (89102109)	10.55388 (89042703)	10.70880 (89080424)
-457.0	15.15403 (89062907)	11.31687 (89062907)	11.26326 (89101709)	11.37683 (89091501)	10.73002 (89051222)
-557.0	10.77333 (89081619)	12.10991 (89062907)	12.89872 (89062907)	11.58832 (89062907)	10.83483 (89111021)
-657.0	10.99208 (89120217)	10.89772 (89120324)	9.86781 (89071123)	11.30336 (89031207)	10.52849 (89082521)
-757.0	10.71986 (89080420)	11.29895 (89102006)	11.34084 (89082522)	11.42970 (89120324)	11.67970 (89041622)
-857.0	10.83544 (89100201)	11.39830 (89012503)	11.20311 (89100223)	11.18409 (89071703)	11.45433 (89082522)
-957.0	11.74063 (89072824)	11.11819 (89031023)	10.26727 (89102004)	10.65480 (89100223)	10.68901 (89102006)
-1057.0	11.24086 (89111005)	11.49158 (89050721)	11.69901 (89120403)	9.98278 (89100201)	11.72104 (89012503)
-1157.0	11.90309 (89011622)	11.56442 (89111005)	11.63343 (89050721)	11.62949 (89042123)	11.48933 (89100202)
-1257.0	11.89250 (89111722)	12.40822 (89041906)	11.66175 (89111005)	11.25799 (89040121)	12.26850 (89122501)
-1357.0	10.76590 (89081121)	11.02273 (89111722)	12.68104 (89100203)	11.54410 (89072901)	11.44838 (89040121)

**MODELOPTS: CONC

RURAL FLAT DEFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-986.00	-886.00	X-COORD (METERS) -786.00	-686.00	-586.00
1043.0	2.40417 (89051724)	2.76333c(89020216)	2.99450 (89082208)	2.96951 (89082208)	3.20767c(89021524)
943.0	2.69712 (89051724)	2.62741c(89020216)	3.07238c(89020216)	3.57068 (89082208)	2.70084 (89010708)
843.0	2.31224c(89040508)	2.89610 (89051724)	3.14644c(89020216)	3.33086c(89020216)	3.66456 (89082208)
743.0	3.00941 (89021324)	2.62160c(89040508)	3.19410c(89040508)	3.80718c(89020216)	3.43194c(89020216)
643.0	3.95910 (89021324)	3.70597 (89021324)	2.99902c(89040508)	3.74440c(89040508)	4.62934c(89020216)
543.0	2.87820 (89021324)	4.44570 (89021324)	4.66273 (89021324)	3.45970c(89040508)	4.48353c(89040508)
443.0	3.47111 (89110624)	2.96546 (89110624)	4.76947 (89021324)	5.98996 (89021324)	4.06730c(89040508)
343.0	4.00636 (89011224)	3.97657 (89110624)	4.07049 (89110624)	4.67424 (89021324)	7.77320 (89021324)
243.0	5.14329c(89112208)	5.09335c(89112208)	5.30860 (89011224)	5.03904 (89011224)	5.29414 (89011916)
143.0	4.82827c(89122824)	4.83157c(89122824)	5.41109c(89112208)	6.19411c(89112208)	7.37171 (89011224)
43.0	3.22557c(89112708)	3.29711c(89112708)	4.02035 (89021808)	4.75602 (89021808)	6.17355 (89110516)
-57.0	4.21344 (89111916)	4.73060 (89111916)	5.23922 (89111916)	5.59277 (89111916)	5.59291 (89011008)
-157.0	5.21937 (89122908)	5.99370 (89122908)	7.00407 (89122908)	8.28904 (89122908)	9.93327 (89122908)
-257.0	2.97165 (89021816)	3.43769 (89011124)	4.08146 (89011124)	4.92916 (89030208)	6.52398 (89030208)
-357.0	3.87042 (89072408)	4.06058 (89072408)	5.06672 (89092808)	6.12095 (89092808)	7.33731 (89090416)
-457.0	3.71324 (89092808)	4.26808 (89090416)	6.59804 (89101316)	8.92099 (89101316)	8.67549 (89101316)
-557.0	5.59933 (89101316)	6.48655 (89101316)	5.94888 (89101316)	4.17247 (89101316)	5.47813 (89011124)
-657.0	4.35373 (89101316)	3.93459 (89082724)	4.37680 (89110508)	4.70400 (89112516)	7.42810 (89112516)
-757.0	4.49376 (89110508)	3.87628 (89053008)	4.60727 (89112516)	5.98038 (89112516)	5.14249 (89092908)
-857.0	3.72033c(89012908)	4.78434 (89041308)	4.83295 (89112516)	4.69031c(89081308)	4.08993 (89092416)
-957.0	4.69094 (89041308)	3.95261 (89112516)	4.36227c(89081308)	3.81312c(89081308)	4.00927 (89092908)
-1057.0	3.33381c(89081308)	4.05194c(89081308)	3.67083c(89081308)	3.25610 (89092908)	4.55577 (89092716)
-1157.0	3.76573c(89081308)	3.73775 (89101108)	3.10825 (89092008)	3.48398 (89092716)	4.83126 (89092716)
-1257.0	3.74688 (89101108)	2.99737 (89092008)	2.73799 (89092908)	4.40445 (89090708)	4.33947 (89092716)
-1357.0	2.81140 (89092008)	2.74240 (89041208)	3.69196 (89090708)	3.90899 (89092716)	3.43535 (89092716)

**MODELOPTs: CONC

RURAL FLAT

DEFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	-486.00	-386.00	-286.00	-186.00	-86.00
1043.0	3.21794 (89010708)	4.07869c(89090924)	3.34253c(89061724)	3.06684 (89031624)	3.75275 (89110608)
943.0	3.68294 (89010708)	3.65806c(89090924)	3.42718c(89090924)	3.64155 (89031624)	3.75523 (89110608)
843.0	3.54997 (89010708)	3.75267 (89010708)	4.12335c(89090924)	4.12407 (89031624)	3.46487 (89110608)
743.0	2.93971 (89010708)	4.47367 (89010708)	4.45824c(89090924)	4.33683 (89031624)	3.52113 (89031624)
643.0	3.71544 (89082208)	4.11557 (89010708)	4.41013 (89010708)	4.06823 (89031624)	4.91137 (89031624)
543.0	5.63627c(89020216)	3.65088c(89051624)	5.62028 (89010708)	4.68213c(89090924)	6.69439 (89031624)
443.0	5.50325c(89040508)	6.54978c(89020216)	4.58487 (89010708)	5.60381 (89040224)	8.29154 (89031624)
343.0	5.33575 (89021324)	6.80837c(89040508)	6.55236c(89020216)	7.90981 (89101624)	8.05436 (89031624)
243.0	9.54553 (89021324)	8.30940 (89021324)	8.88305c(89020216)	7.32530 (89010716)	10.39489 (89040224)
143.0	6.97477 (89041416)	9.51252 (89021324)	14.04562 (89021324)	13.89358 (89051824)	13.38208 (89081916)
43.0	8.67643 (89110516)	10.00347 (89011224)	11.65288 (89030508)	23.53089 (89021324)	20.22967 (89051824)
-57.0	5.90419 (89022008)	8.03845 (89021808)	11.20010 (89123008)	17.91677 (89110516)	18.95033 (89030508)
-157.0	12.04416 (89122908)	14.64594 (89122908)	17.34395 (89122908)	17.75775 (89122908)	13.44759 (89011108)
-257.0	8.12136 (89092808)	11.75735 (89092808)	14.62688 (89092808)	17.56346 (89101316)	10.84528 (89092116)
-357.0	11.77877 (89101316)	13.18274 (89101316)	10.42484 (89011124)	15.59931 (89112516)	14.17846 (89092716)
-457.0	6.42848 (89011124)	9.24000 (89112516)	11.95137 (89112516)	10.56727 (89092908)	13.04991 (89121716)
-557.0	8.83464 (89112516)	8.50010 (89112516)	8.41354 (89092416)	12.49726 (89092716)	9.44175 (89012016)
-657.0	6.45017 (89092908)	6.55971 (89092416)	10.23418 (89092716)	8.22031 (89121716)	12.92024 (89012008)
-757.0	5.12408 (89092416)	7.09445 (89092716)	8.68790 (89092716)	6.18936 (89012016)	11.92491 (89012008)
-857.0	4.97610 (89092908)	7.65727 (89092716)	5.42370 (89092716)	5.85968 (89012008)	9.12376 (89101408)
-957.0	5.97680 (89092716)	6.07167 (89092716)	4.68667c(89111924)	7.60235 (89012008)	7.52589 (89101408)
-1057.0	5.66001 (89092716)	4.02759 (89092716)	4.01238 (89030108)	7.59131 (89012008)	5.98632 (89101408)
-1157.0	4.45848 (89092716)	4.12094c(89111924)	5.07854c(89102524)	6.59129 (89012008)	4.71712 (89101408)
-1257.0	3.13161 (89092716)	4.14308c(89111924)	5.23353c(89102524)	5.38850 (89012008)	4.14385c(89032508)
-1357.0	3.52900c(89111924)	3.59070c(89102524)	5.28075 (89012008)	4.71370 (89101408)	3.78507c(89032508)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS) |	14.00	114.00	X-COORD (METERS) 214.00	314.00	414.00
1043.0 |	2.80390 (89060424)	3.04639 (89060424)	3.41058 (89040808)	2.73922 (89042424)	2.62473 (89061824)
943.0 |	3.07225c(89070424)	3.20640 (89060424)	3.88319 (89040808)	2.77593 (89070216)	3.32971 (89061824)
843.0 |	3.47930c(89070424)	3.36127 (89060424)	4.38227 (89040808)	3.07049 (89070216)	3.68707 (89061824)
743.0 |	3.98140c(89070424)	3.65142 (89121208)	4.89898 (89040808)	3.28894 (89070216)	3.28291 (89061824)
643.0 |	4.58290 (89031524)	4.12073 (89121208)	5.29079 (89040808)	4.10644 (89061824)	4.18825 (89052116)
543.0 |	5.42541 (89031524)	4.70784 (89121208)	5.36199 (89040808)	4.63414 (89061824)	4.97626 (89052116)
443.0 |	6.39610 (89031524)	5.80122 (89040808)	5.81638 (89070216)	5.52768c(89061924)	6.04164 (89010608)
343.0 |	7.90743 (89121208)	8.38546 (89040808)	7.42998 (89111516)	6.76912 (89052116)	7.97001 (89010624)
243.0 |	9.26245 (89121208)	12.45777 (89040808)	8.51977c(89061924)	10.12233 (89010608)	10.79448 (89010624)
143.0 |	11.69544 (89040324)	16.56372 (89040808)	11.21722 (89070616)	15.49384 (89010624)	11.37161 (89071924)
43.0 |	14.92655 (89031516)	17.92795 (89061116)	19.10828 (89010624)	17.37300 (89071924)	12.35218 (89052308)
-57.0 |	21.22425 (89081916)	26.27342 (89070616)	24.67070 (89040824)	10.08330 (89022616)	9.48863 (89081616)
-157.0 |	10.14081 (89060816)	16.80082 (89050616)	12.69657 (89081716)	9.84904 (89010316)	7.39062 (89122516)
-257.0 |	16.22406 (89100316)	19.45502 (89121224)	14.45332 (89030608)	12.13498 (89102016)	6.74432 (89031308)
-357.0 |	19.38348 (89101408)	20.30474 (89112308)	18.91580 (89030708)	15.90182 (89030608)	9.96978 (89120224)
-457.0 |	18.28927 (89092408)	18.76116 (89122016)	13.39682 (89030716)	14.26070 (89030708)	11.04097 (89030608)
-557.0 |	12.13949 (89092408)	14.93170 (89122016)	11.28514 (89092524)	9.51616 (89111608)	8.99416 (89030708)
-657.0 |	9.60994 (89021016)	12.05346c(89011316)	10.78210 (89020608)	7.67037 (89030716)	7.16414 (89030708)
-757.0 |	7.75616c(89010124)	9.94196c(89011316)	10.77325 (89020608)	6.19247 (89092524)	5.76283 (89092608)
-857.0 |	7.64553c(89010124)	8.19663c(89011316)	9.20801 (89122016)	5.55576 (89092524)	4.78092 (89030716)
-957.0 |	7.35031c(89010124)	6.81782c(89011316)	8.48658 (89122016)	5.16642 (89020608)	4.64450c(89071108)
-1057.0 |	6.97577c(89010124)	5.73950c(89011316)	7.35741 (89122016)	5.58975 (89020608)	4.69964c(89071108)
-1157.0 |	6.57196c(89010124)	4.93877c(89010124)	6.86477 (89120208)	5.28073 (89020608)	4.88028c(89071108)
-1257.0 |	6.17770c(89010124)	4.83080 (89100424)	6.47178 (89120208)	4.98577 (89122016)	3.73535c(89122108)
-1357.0 |	5.80092c(89010124)	4.86842 (89100424)	5.99197 (89120208)	4.93258 (89120208)	3.70403 (89022424)

**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	514.00	614.00	X-COORD (METERS) 714.00	814.00	914.00
1043.0	2.86458 (89061824)	3.01867 (89052116)	3.01929 (89010308)	3.07499c(89070208)	2.81600c(89102124)
943.0	2.68172 (89052116)	3.28262 (89052116)	3.64238c(89070208)	2.74561c(89102124)	3.26395 (89010624)
843.0	3.51615 (89052116)	3.34779 (89041824)	2.98558c(89070208)	3.51390 (89010624)	3.96664 (89010624)
743.0	3.94893 (89052116)	3.91127c(89070208)	3.71870 (89010624)	4.52563 (89010624)	4.14137c(89082324)
643.0	3.99038 (89041824)	3.86170 (89112808)	5.22406 (89010624)	4.22085c(89082324)	4.00337 (89120524)
543.0	4.89230 (89010608)	6.15027 (89010624)	4.86239 (89010624)	4.03464 (89020108)	3.56413 (89020108)
443.0	7.24458 (89010624)	6.07548 (89010624)	5.04555 (89010308)	4.30013 (89071924)	4.15027 (89022624)
343.0	7.88983 (89010624)	6.44086 (89010308)	5.58820 (89071924)	3.80271 (89020108)	3.82193 (89052308)
243.0	8.24521 (89010308)	7.01616 (89071924)	5.40962 (89052308)	4.71819c(89022608)	3.21449 (89042724)
143.0	7.59106 (89052308)	6.76955 (89052308)	4.31405 (89042724)	3.86238 (89071224)	3.75567c(89081624)
43.0	5.63595 (89042724)	4.66568 (89010108)	4.44040c(89071524)	4.02746c(89071524)	4.07081 (89122608)
-57.0	8.36721 (89071516)	7.29461 (89052324)	6.12303 (89052324)	5.01097c(89081524)	4.68906c(89081524)
-157.0	5.53120 (89122516)	4.52359c(89070224)	4.07917c(89070224)	3.63990c(89070224)	3.23769c(89070224)
-257.0	5.95697 (89031308)	4.62899 (89072824)	3.93792 (89072824)	3.15872 (89072824)	2.79269c(89082708)
-357.0	5.23659 (89102016)	4.40386 (89031208)	4.11753c(89090108)	3.42292c(89092208)	4.44832c(89092208)
-457.0	5.63167c(89082608)	7.32768 (89120224)	4.49899 (89120224)	2.84010 (89031208)	2.95095 (89031208)
-557.0	7.67669 (89030608)	4.76605c(89100208)	5.15375 (89120224)	5.50772 (89120224)	3.79721 (89120224)
-657.0	5.97058c(89012708)	5.57563 (89030608)	5.12818c(89100208)	4.04738c(89082608)	4.51053 (89120224)
-757.0	6.29492 (89030708)	4.78596c(89012708)	4.27277c(89012708)	4.28735c(89100208)	3.90678c(89100208)
-857.0	4.33398 (89111608)	5.05385 (89030708)	3.91476c(89012708)	3.73335c(89012708)	3.25309c(89100208)
-957.0	3.89280 (89092608)	4.17148c(89122424)	4.18027c(89110924)	3.40125c(89100208)	3.27271c(89012708)
-1057.0	3.45626c(89071108)	3.21115c(89013024)	3.96181c(89122424)	4.13136c(89110924)	3.56562c(89100208)
-1157.0	3.75071c(89071108)	3.69383c(89013024)	3.80431c(89012324)	3.00502 (89030708)	3.80236c(89110924)
-1257.0	3.89321 (89081808)	3.15632 (89071208)	3.80585c(89013024)	4.66428c(89122424)	3.24284c(89110924)
-1357.0	4.55411c(89071108)	3.28242c(89111008)	3.46493c(89013024)	3.43640c(89012324)	4.55080c(89122424)

**MODELOPTs: CONC

RURAL FLAT

DEFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3

**

Y-COORD (METERS)	1014.00	1114.00	X-COORD (METERS) 1214.00	1314.00	1414.00
1043.0	3.02212 (89010624)	3.14905 (89010624)	3.76259c(89082324)	4.18104 (89120524)	3.68494 (89020108)
943.0	3.51597 (89010624)	3.90214c(89082324)	4.20220 (89120524)	3.84374 (89020108)	3.11289 (89120524)
843.0	4.03135c(89082324)	4.18506 (89120524)	3.93518 (89020108)	2.89031 (89120524)	3.25310c(89042808)
743.0	4.12067 (89120524)	3.92897 (89020108)	3.08749c(89042808)	3.51332 (89022624)	2.91178 (89022624)
643.0	3.79894 (89020108)	3.46351c(89042808)	3.63270 (89022624)	2.76695 (89031224)	2.58428 (89031224)
543.0	3.81425 (89022624)	3.27435 (89022624)	2.93513 (89031224)	3.52619c(89122708)	3.26093c(89022608)
443.0	3.34362 (89031224)	3.62817c(89022608)	3.67756c(89022608)	2.59040c(89022608)	2.73410 (89080624)
343.0	4.18127c(89022608)	2.77557c(89022608)	3.07603 (89042724)	4.01958 (89071308)	3.37715 (89071308)
243.0	3.47933 (89042724)	3.62109 (89071308)	3.82037c(89081624)	3.90537 (89112024)	3.74538 (89112024)
143.0	3.98306 (89112024)	3.65145 (89112024)	2.80185 (89112024)	3.55499 (89122608)	4.09211 (89122608)
43.0	4.63507 (89122608)	4.33143 (89122608)	3.69841 (89052324)	3.34140 (89052324)	2.95174 (89052324)
-57.0	4.22633c(89081524)	3.75035c(89081524)	3.30676c(89081524)	2.90926c(89081524)	2.61487 (89022524)
-157.0	2.88362c(89070224)	2.58095c(89070224)	2.55191 (89080524)	2.54736 (89083024)	2.56770 (89083024)
-257.0	2.49941c(89082708)	2.63539 (89021124)	2.56565 (89021124)	2.36514 (89021124)	2.10450 (89021124)
-357.0	4.14224c(89092208)	3.50476c(89092208)	2.85236c(89092208)	2.90232 (89120424)	3.22536 (89120424)
-457.0	3.56019c(89090108)	3.33978c(89092208)	5.00670c(89092208)	5.36180c(89092208)	4.89122c(89092208)
-557.0	2.70931 (89092124)	2.20754 (89031208)	2.50051c(89090108)	3.20322c(89090108)	2.89625c(89090108)
-657.0	4.34539 (89120224)	3.21997 (89120224)	3.11308 (89092124)	2.53805 (89071124)	1.92091 (89082524)
-757.0	3.95980c(89082608)	3.85945 (89120224)	3.55442 (89120224)	2.76101 (89120224)	3.22116 (89092124)
-857.0	5.00657c(89100208)	4.22706c(89100224)	3.21220c(89082608)	3.30370 (89120224)	2.98864 (89120224)
-957.0	2.72780 (89050624)	5.04552c(89100208)	3.80180 (89102008)	4.27207c(89100224)	2.68876 (89120224)
-1057.0	2.88753c(89012708)	2.53131c(89012708)	4.40948c(89100208)	4.18119c(89100208)	4.34803c(89100224)
-1157.0	3.63347c(89100208)	2.56527c(89012708)	2.37919c(89012708)	3.56928c(89100208)	4.69527c(89100208)
-1257.0	3.34470c(89110924)	3.63383c(89100208)	2.29444c(89012708)	2.22179c(89012708)	2.78927c(89100208)
-1357.0	3.66756c(89110924)	2.87026c(89110924)	3.58868c(89100208)	2.06555c(89012708)	2.06798c(89012708)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 2ND HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-986.00	-886.00	X-COORD (METERS) -786.00	-686.00	-586.00
1043.0	2.22074c(89020216)	2.62119 (89021224)	2.24735 (89111324)	2.07986c(89031924)	3.07307 (89010708)
943.0	2.41990c(89040508)	2.53760 (89051724)	2.51949 (89051824)	2.30278 (89111324)	2.24508 (89031724)
843.0	2.05908 (89093024)	2.76298c(89040508)	2.68835 (89051724)	2.83008 (89021508)	2.24387c(89051624)
743.0	2.11204c(89100624)	2.35083 (89093024)	3.11729 (89051724)	3.05898 (89051824)	3.05398 (89082208)
643.0	2.38560c(89100624)	2.59363c(89100624)	2.71294 (89093024)	3.36306 (89051724)	3.68184 (89051824)
543.0	2.42413 (89030508)	2.75181 (89030508)	3.19528c(89100624)	3.16482 (89093024)	3.88624 (89110524)
443.0	2.90546 (89112724)	2.94564 (89112724)	3.23372 (89030508)	3.91366c(89100624)	3.77169 (89093024)
343.0	3.35547 (89110624)	3.82049 (89011224)	3.86133 (89112724)	3.94676 (89030508)	4.65571 (89030508)
243.0	3.39132 (89110516)	4.05653 (89011224)	4.18055 (89041416)	4.91149 (89110624)	5.25270 (89112724)
143.0	2.78347 (89101524)	3.89807c(89112208)	4.74962 (89110516)	5.12466 (89110516)	6.12519 (89041416)
43.0	2.57424 (89053008)	3.28909 (89053008)	3.88959 (89053008)	4.16725 (89123008)	5.24091 (89123008)
-57.0	3.69678 (89011008)	4.21219 (89011008)	4.78700 (89011008)	5.31236 (89011008)	5.54273 (89111916)
-157.0	4.33246 (89021816)	4.97822 (89021816)	5.81359 (89021816)	6.86783 (89021816)	8.20293 (89021816)
-257.0	2.88671 (89011124)	3.29691 (89011408)	3.92582 (89011408)	4.71404 (89011124)	5.71207 (89072408)
-357.0	3.69337 (89030208)	4.04888 (89092808)	4.00530 (89072408)	5.45064 (89090416)	6.72839 (89092808)
-457.0	3.57461 (89090416)	4.16076 (89101316)	4.39986 (89090416)	4.98204 (89021916)	4.84112 (89030308)
-557.0	3.16682 (89021916)	3.84791 (89040208)	4.17894 (89102708)	4.06135 (89011124)	4.38585 (89112516)
-657.0	3.81520 (89102708)	3.57532 (89102708)	3.92456c(89070108)	4.33565 (89121808)	5.64884 (89121808)
-757.0	3.61139 (89102708)	3.35294 (89043008)	4.47167 (89041308)	4.98987 (89041308)	5.01828 (89101508)
-857.0	3.35436 (89102608)	4.28358 (89112516)	4.24022 (89041308)	4.17260 (89092908)	3.89568 (89102408)
-957.0	3.84727 (89112516)	3.55240 (89041308)	3.76988 (89063008)	3.60228 (89102408)	3.35669 (89092716)
-1057.0	3.28225 (89063008)	3.65380 (89063008)	3.64625 (89101108)	3.09466 (89092008)	3.90791 (89030224)
-1157.0	3.52039 (89063008)	3.54940 (89040208)	2.76404 (89090808)	3.07884 (89092908)	4.26189 (89090708)
-1257.0	3.49999 (89040208)	2.77219 (89102408)	2.69603 (89092716)	3.97050 (89092716)	2.73040 (89090708)
-1357.0	2.79717 (89102408)	2.71481 (89090808)	3.22753 (89092716)	3.67625 (89090708)	3.22565c(89091824)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 2ND HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD |			X-COORD (METERS)		
(METERS) |	-486.00	-386.00	-286.00	-186.00	-86.00

1043.0 |	2.78529 (89101624)	3.29129c(89051624)	3.18994c(89110424)	2.81613 (89062224)	2.41399c(89051508)
943.0 |	3.68134c(89021524)	3.65214c(89051624)	2.75440 (89111508)	3.20521 (89010524)	2.70865c(89051508)
843.0 |	3.18005c(89021524)	3.42980 (89101624)	3.09014 (89111508)	3.80968c(89110424)	2.97038c(89051508)
743.0 |	2.76352c(89081924)	4.02558 (89101624)	4.11785c(89051624)	4.16245c(89110424)	3.12623c(89051508)
643.0 |	3.21123c(89020216)	3.14981 (89101624)	4.31081 (89101624)	3.94317 (89111508)	3.44485c(89120616)
543.0 |	4.50079 (89051824)	3.48540c(89081924)	5.55368 (89101624)	4.64225 (89040224)	4.54127c(89120616)
443.0 |	4.83554 (89021316)	5.59581 (89021508)	4.52838c(89081924)	5.19817 (89101624)	5.13131 (89010724)
343.0 |	4.76746c(89040508)	6.41337 (89021316)	5.98340 (89021508)	7.11525 (89010708)	6.79418 (89010724)
243.0 |	6.19450 (89030508)	5.60481c(89100624)	8.83736 (89021316)	7.00497 (89040216)	7.22056 (89081916)
143.0 |	6.73545 (89011224)	8.45325 (89030508)	8.82485 (89030508)	12.51017c(89020216)	10.35546 (89101624)
43.0 |	6.25398c(89112208)	9.67771 (89041416)	11.61358 (89041416)	15.59824 (89030508)	17.68052 (89040316)
-57.0 |	5.87783 (89011208)	7.20689 (89022008)	10.85482 (89110516)	13.88767 (89051716)	17.76975 (89012816)
-157.0 |	9.88083 (89021816)	11.87305 (89021816)	13.77614 (89021816)	14.31340 (89101608)	11.56181 (89090516)
-257.0 |	7.77911 (89030208)	8.21981 (89090416)	14.14614 (89090416)	12.18532 (89091916)	10.52735 (89102616)
-357.0 |	7.21111 (89090416)	7.20759 (89091916)	7.53884 (89030116)	10.87752 (89030124)	13.57774 (89041008)
-457.0 |	5.55152 (89101316)	7.95959 (89121808)	9.87712 (89092908)	10.12335 (89092716)	10.58271 (89012016)
-557.0 |	7.07826 (89121808)	8.12446 (89092908)	8.19568 (89092908)	8.67793 (89032224)	8.20676 (89012008)
-657.0 |	6.25169 (89101508)	6.19255 (89092908)	8.54201 (89030224)	7.34103 (89092716)	9.84231 (89101408)
-757.0 |	4.79545 (89092908)	6.05449 (89030224)	6.00175 (89012124)	5.91381 (89121716)	10.22649 (89101408)
-857.0 |	4.82239 (89092716)	5.19815 (89030224)	5.28442 (89121716)	5.12412 (89030108)	8.96332 (89012008)
-957.0 |	4.81319 (89030224)	4.37149 (89012124)	4.30154 (89121716)	5.17434c(89102524)	6.37670 (89012008)
-1057.0 |	3.15585 (89090708)	3.65694 (89121716)	3.99765c(89111924)	5.14261 (89101408)	4.95395 (89030308)
-1157.0 |	3.39407 (89012124)	3.21440 (89121716)	4.20915 (89012008)	5.24793 (89101408)	4.45858c(89032508)
-1257.0 |	2.92901 (89051608)	3.01537 (89102824)	5.10937 (89012008)	5.08600 (89101408)	3.85630 (89092708)
-1357.0 |	2.80637 (89102824)	3.46055c(89111924)	3.85344c(89102524)	4.30526 (89012008)	3.69555 (89091108)

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1989 Met
*** Revised building height = 38'

*** 11/23/99
*** 06:11:43
*** PAGE 26

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 2ND HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS) |	14.00	114.00	X-COORD (METERS) 214.00	314.00	414.00
1043.0 |	2.72933c(89070424)	2.68682 (89121208)	2.85981 (89061224)	2.70843 (89070608)	2.50850 (89042424)
943.0 |	2.94078 (89060424)	2.95268 (89121208)	3.25336 (89061224)	2.68366 (89070608)	2.51777 (89042424)
843.0 |	3.34261 (89031524)	3.26738 (89121208)	3.64365 (89061224)	2.72202 (89042424)	2.81018 (89042424)
743.0 |	3.89398 (89031524)	3.46338 (89060424)	3.96616 (89061224)	3.05325 (89111516)	3.12709c(89112124)
643.0 |	4.54730c(89070424)	3.81032 (89050824)	4.05379 (89061224)	3.77723 (89111516)	3.64834c(89061924)
543.0 |	5.14031c(89070424)	4.29263 (89050824)	4.86699 (89070216)	4.21047 (89111516)	4.66621 (89041824)
443.0 |	6.34559 (89121208)	5.45585 (89121208)	5.28883 (89040408)	5.21040c(89061724)	5.09011 (89070616)
343.0 |	7.62483 (89060808)	6.78235 (89111516)	6.08132 (89070216)	6.45116 (89041824)	6.60544 (89112808)
243.0 |	9.16227 (89060808)	8.83054 (89061224)	8.49106 (89111516)	8.50209 (89070616)	7.48517 (89072008)
143.0 |	11.11731 (89031624)	13.24708 (89061116)	10.94853c(89061924)	11.83561 (89072008)	11.27928 (89050924)
43.0 |	14.84801 (89010724)	16.46600 (89111516)	17.48169 (89072008)	14.61925 (89050924)	10.96007 (89040824)
-57.0 |	20.15545 (89040216)	23.22713 (89061316)	21.03610 (89052308)	9.37643 (89081616)	8.91497 (89071516)
-157.0 |	9.80294 (89092808)	9.59494 (89010316)	11.84951 (89050616)	9.74373 (89100116)	6.87081 (89100116)
-257.0 |	14.57608 (89091716)	19.38669 (89010816)	14.36905 (89121316)	8.79639 (89050616)	6.72984 (89102016)
-357.0 |	18.06205 (89092408)	19.97332 (89020608)	16.27650 (89120824)	14.46472 (89120908)	7.46248c(89082608)
-457.0 |	17.35819 (89101408)	15.56047 (89011616)	12.46879 (89092608)	10.46365 (89120824)	10.13334 (89120908)
-557.0 |	12.05617 (89021016)	14.15689c(89011316)	10.56085 (89030724)	8.82390 (89092608)	7.85860 (89120816)
-657.0 |	8.15805 (89092408)	11.08306 (89122016)	8.63209 (89030724)	7.29762 (89092608)	6.31276 (89111608)
-757.0 |	7.64045 (89021016)	8.23350 (89122016)	8.80570 (89122016)	5.69349 (89112824)	5.20758c(89122024)
-857.0 |	6.32231 (89101808)	6.53546 (89010824)	8.59006 (89020608)	5.50440 (89122116)	4.74092c(89032416)
-957.0 |	6.02464c(89081908)	5.87782c(89102208)	6.89489 (89120208)	4.64913c(89021608)	4.43169c(89032416)
-1057.0 |	5.86722c(89081908)	5.37101c(89102208)	7.04751 (89120208)	4.12628 (89122016)	4.02511 (89081808)
-1157.0 |	5.67069c(89081908)	4.90962c(89011316)	6.22486 (89122016)	4.75041 (89122016)	3.93410c(89122108)
-1257.0 |	5.44202c(89081908)	4.79781c(89010124)	5.25592 (89122016)	4.64111 (89020608)	3.56586c(89021608)
-1357.0 |	5.22218c(89081908)	4.62926c(89010124)	4.44360 (89122016)	4.91019 (89122016)	3.42523 (89020608)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 2ND HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS) |	514.00	614.00	X-COORD (METERS) 714.00	814.00	914.00
1043.0 |	2.32864 (89042424)	2.54427 (89010308)	2.82376 (89041824)	2.33555 (89010608)	2.38667 (89112808)
943.0 |	2.36221 (89070624)	3.06784 (89010308)	2.60613 (89010308)	2.70660c(89042408)	3.00474 (89112808)
843.0 |	2.64442c(89061924)	3.19118 (89010308)	2.89859 (89010608)	3.22146 (89112808)	3.44650 (89112808)
743.0 |	3.54800 (89041824)	3.50222 (89010608)	3.49409 (89112808)	3.74040 (89112808)	3.46310 (89010624)
643.0 |	3.80884c(89070208)	3.74994 (89010624)	4.10880 (89112808)	4.04877 (89010624)	3.73984 (89020108)
543.0 |	4.35708 (89112808)	4.59628 (89112808)	4.24905c(89082324)	4.03045 (89010308)	3.42369 (89071924)
443.0 |	5.41613 (89022724)	4.86033 (89061524)	4.62445 (89050924)	4.03882 (89122716)	3.64015 (89071924)
343.0 |	5.98006 (89061524)	6.04562 (89050924)	4.75459 (89122716)	3.75562 (89071924)	3.72879c(89022608)
243.0 |	8.16471 (89050924)	4.95775 (89122716)	4.70096 (89040824)	4.25907 (89052308)	3.01151 (89031124)
143.0 |	7.35993 (89071924)	5.79099 (89040824)	3.68302 (89042224)	3.46521 (89042724)	3.45181 (89112024)
43.0 |	5.34424 (89040824)	4.52805 (89071224)	4.26424 (89010108)	3.49255 (89071408)	3.68876 (89052324)
-57.0 |	7.42043 (89052324)	6.42956 (89071516)	4.97518c(89081524)	4.83223 (89052324)	3.73753 (89052324)
-157.0 |	4.90399 (89100116)	4.26718 (89122516)	3.50715 (89020208)	3.14589 (89020208)	2.79917 (89020208)
-257.0 |	5.03488 (89072824)	4.40154 (89031308)	3.24056c(89041508)	2.95829c(89082708)	2.68681 (89120424)
-357.0 |	5.22755 (89120224)	4.01353 (89102016)	3.62869 (89031208)	3.41366c(89090108)	2.81158 (89072824)
-457.0 |	5.26446 (89073116)	4.52390c(89082608)	3.11528c(89081624)	2.53242 (89120224)	2.53364c(89090108)
-557.0 |	6.95354 (89120908)	4.42333 (89031908)	5.05148c(89082608)	2.83032c(89082608)	2.52462 (89092124)
-657.0 |	5.95381 (89030708)	5.22832c(89050224)	3.93663 (89030608)	3.58638 (89080424)	3.64834c(89082608)
-757.0 |	4.53716c(89012708)	4.26747 (89120816)	4.22398 (89030608)	3.47327 (89030608)	3.74125 (89102008)
-857.0 |	3.83387 (89092608)	3.99216c(89012708)	3.32061c(89022124)	3.34800 (89030608)	3.04182 (89030608)
-957.0 |	3.88624c(89122024)	3.44695 (89111608)	4.00099 (89030708)	3.28319c(89012708)	2.76689c(89050224)
-1057.0 |	3.45469c(89032416)	3.00671c(89122024)	3.28450 (89030708)	3.24597 (89030708)	2.81067c(89012708)
-1157.0 |	3.44861c(89111008)	3.43952c(89111108)	3.56811c(89122424)	2.94813c(89122424)	2.78991 (89080308)
-1257.0 |	3.85404c(89071108)	2.87177c(89121324)	3.22990c(89071708)	3.28525c(89012324)	2.68586 (89030708)
-1357.0 |	4.20034 (89081808)	3.07881c(89071108)	3.40932c(89111108)	2.98491c(89010424)	2.38458 (89111608)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 2ND HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	1014.00	1114.00	X-COORD (METERS) 1214.00	1314.00	1414.00
1043.0	2.82245 (89112808)	2.98752 (89112808)	3.44899 (89120524)	3.45766c(89060324)	3.06001 (89120524)
943.0	3.20001 (89112808)	3.40157 (89120524)	3.48952c(89060324)	3.17625 (89120524)	2.78446 (89020108)
843.0	3.30000 (89120524)	3.48217c(89060324)	3.31451 (89120524)	2.62653 (89020108)	3.08974 (89022624)
743.0	3.51743c(89082324)	3.44548 (89120524)	2.57943 (89122716)	3.07104c(89042808)	2.70304c(89091424)
643.0	3.49738 (89120524)	3.13450 (89022624)	2.83170 (89020108)	2.47628 (89020108)	2.50450c(89022608)
543.0	3.45345c(89042808)	3.07924 (89020108)	2.60974 (89042608)	3.38226c(89022608)	2.87571c(89122708)
443.0	2.89878 (89052308)	3.17172c(89122708)	2.95142c(89122708)	2.57258c(89031924)	2.60552 (89042724)
343.0	2.99410 (89052308)	2.70648 (89031124)	2.95269 (89080624)	2.87466 (89071224)	2.91326 (89112024)
243.0	3.34178 (89071224)	2.93264 (89071224)	3.60324 (89112024)	3.82531c(89081624)	3.31511c(89072108)
143.0	3.64608c(89081624)	3.02623c(89071524)	2.68761c(89071524)	3.00371 (89122524)	3.17405 (89122524)
43.0	3.98489 (89052324)	3.94653 (89052324)	3.68285 (89122608)	3.01658 (89122608)	2.81769 (89100124)
-57.0	3.08901 (89100124)	2.96312 (89100124)	2.80809 (89022524)	2.72788 (89022524)	2.56290c(89081524)
-157.0	2.50994 (89080524)	2.55208 (89080524)	2.50479 (89083024)	2.53171 (89080524)	2.49653 (89080524)
-257.0	2.48240 (89021124)	2.20642c(89082708)	1.96679c(89082708)	1.96131c(89052408)	2.01755c(89052408)
-357.0	2.87977 (89072824)	2.84659 (89072824)	2.68675 (89072824)	2.43413 (89072824)	2.13867 (89072824)
-457.0	2.59054 (89031208)	3.08394c(89090108)	2.15739c(89090108)	2.21993c(89122708)	2.18772c(89122708)
-557.0	2.41123 (89120224)	2.15591 (89082624)	2.22525 (89031208)	2.15939c(89122508)	2.72284c(89092208)
-657.0	2.33753 (89103108)	2.65944 (89092124)	2.23271 (89120224)	2.36807 (89082524)	1.91134 (89082624)
-757.0	3.82429c(89100224)	2.83455 (89103108)	2.33733 (89103108)	2.61673 (89092124)	2.04201 (89120224)
-857.0	3.52334 (89102008)	3.48218 (89102008)	3.07414c(89100224)	2.88451 (89103108)	2.26345 (89103108)
-957.0	2.66382c(89012708)	3.13179 (89102008)	3.35026c(89100224)	3.33407c(89082608)	2.50005 (89103108)
-1057.0	2.36710c(89050224)	2.42646 (89050624)	2.91430 (89031024)	3.63724 (89102008)	3.35082 (89102008)
-1157.0	2.69053 (89041624)	2.08935 (89022308)	2.16143 (89022308)	2.94070 (89031024)	3.25187 (89102008)
-1257.0	2.58364 (89080308)	2.70340 (89041624)	1.94784c(89090108)	1.98706 (89022308)	2.73082 (89031024)
-1357.0	2.75220c(89031108)	2.39022c(89100208)	2.67461 (89041624)	1.93462c(89090108)	1.83700 (89022308)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE MAXIMUM 50 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 ,

** CONC OF CO IN MICROGRAMS/M**3 **

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR, YR)	OF TYPE	RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR, YR)	OF TYPE		
1.	81.12650	(89060810)	AT (	14.00,	-157.00)	GC	26.	49.88718	(89070601)	AT (	114.00,	-57.00)	GC
2.	68.69849	(89011109)	AT (	14.00,	-157.00)	GC	27.	49.74767	(89051009)	AT (	114.00,	-257.00)	GC
3.	67.56773	(89092804)	AT (	14.00,	-157.00)	GC	28.	49.49521	(89101819)	AT (	114.00,	-257.00)	GC
4.	65.74519	(89052013)	AT (	14.00,	-157.00)	GC	29.	49.47971	(89112223)	AT (	114.00,	-257.00)	GC
5.	64.75027	(89011104)	AT (	14.00,	-157.00)	GC	30.	49.39473	(89040212)	AT (	14.00,	-57.00)	GC
6.	58.61288	(89112220)	AT (	114.00,	-157.00)	GC	31.	49.33736	(89070615)	AT (	114.00,	-57.00)	GC
7.	57.19407	(89050713)	AT (	114.00,	-157.00)	GC	32.	49.33189	(89061209)	AT (	114.00,	-57.00)	GC
8.	56.44321	(89050212)	AT (	114.00,	-157.00)	GC	33.	49.18979	(89061605)	AT (	114.00,	-57.00)	GC
9.	55.54092	(89031310)	AT (	114.00,	-157.00)	GC	34.	49.18748	(89030415)	AT (	14.00,	-57.00)	GC
10.	53.58119	(89052117)	AT (	214.00,	-57.00)	GC	35.	49.16405	(89070617)	AT (	114.00,	-57.00)	GC
11.	52.95332	(89050616)	AT (	114.00,	-157.00)	GC	36.	49.11609	(89010713)	AT (	14.00,	-57.00)	GC
12.	52.85233	(89060416)	AT (	114.00,	-57.00)	GC	37.	49.01707	(89022710)	AT (	114.00,	-57.00)	GC
13.	52.80926	(89040310)	AT (	14.00,	-57.00)	GC	38.	48.99139	(89042716)	AT (	114.00,	-57.00)	GC
14.	52.63039	(89010310)	AT (	114.00,	-157.00)	GC	39.	48.97426	(89052615)	AT (	114.00,	-57.00)	GC
15.	52.39424	(89031514)	AT (	14.00,	-57.00)	GC	40.	48.81397	(89052316)	AT (	114.00,	-57.00)	GC
16.	52.35188	(89071512)	AT (	114.00,	-157.00)	GC	41.	48.65800	(89033002)	AT (	114.00,	-57.00)	GC
17.	51.66978	(89112219)	AT (	114.00,	-57.00)	GC	42.	48.41871	(89030110)	AT (	14.00,	-257.00)	GC
18.	51.65374	(89051813)	AT (	14.00,	-157.00)	GC	43.	48.38440	(89020314)	AT (	114.00,	-57.00)	GC
19.	50.88371	(89042615)	AT (	114.00,	-57.00)	GC	44.	48.38108	(89011417)	AT (	14.00,	-57.00)	GC
20.	50.78919	(89032014)	AT (	14.00,	-57.00)	GC	45.	48.32975	(89112303)	AT (	114.00,	-257.00)	GC
21.	50.69308	(89110710)	AT (	114.00,	-57.00)	GC	46.	48.28895	(89052512)	AT (	114.00,	-57.00)	GC
22.	50.63198	(89112912)	AT (	114.00,	-257.00)	GC	47.	48.26688	(89042515)	AT (	114.00,	-57.00)	GC
23.	50.23830	(89101912)	AT (	114.00,	-257.00)	GC	48.	48.25573	(89022415)	AT (	114.00,	-257.00)	GC
24.	50.09062	(89062710)	AT (	14.00,	-57.00)	GC	49.	48.21466	(89111517)	AT (	114.00,	-57.00)	GC
25.	50.02133	(89022215)	AT (	114.00,	-257.00)	GC	50.	48.19999	(89022223)	AT (	114.00,	-257.00)	GC

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

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE MAXIMUM 50 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 , ***

** CONC OF CO IN MICROGRAMS/M**3 **

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR, YR)	OF TYPE	RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR, YR)	OF TYPE
1.	26.27342	(89070616)	AT (	114.00,	-57.00) GC	26.	17.91677	(89110516)	AT (	-186.00,	-57.00) GC
2.	24.67070	(89040824)	AT (	214.00,	-57.00) GC	27.	17.76975	(89012816)	AT (	-86.00,	-57.00) GC
3.	23.53089	(89021324)	AT (	-186.00,	43.00) GC	28.	17.75775	(89122908)	AT (	-186.00,	-157.00) GC
4.	23.22713	(89061316)	AT (	114.00,	-57.00) GC	29.	17.74335	(89053016)	AT (	-86.00,	-57.00) GC
5.	21.22425	(89081916)	AT (	14.00,	-57.00) GC	30.	17.68052	(89040316)	AT (	-86.00,	43.00) GC
6.	21.03610	(89052308)	AT (	214.00,	-57.00) GC	31.	17.56346	(89101316)	AT (	-186.00,	-257.00) GC
7.	20.30474	(89112308)	AT (	114.00,	-357.00) GC	32.	17.54588	(89020116)	AT (	214.00,	-57.00) GC
8.	20.22967	(89051824)	AT (	-86.00,	43.00) GC	33.	17.48169	(89072008)	AT (	214.00,	43.00) GC
9.	20.15545	(89040216)	AT (	14.00,	-57.00) GC	34.	17.47662	(89101908)	AT (	114.00,	-257.00) GC
10.	19.97332	(89020608)	AT (	114.00,	-357.00) GC	35.	17.37300	(89071924)	AT (	314.00,	43.00) GC
11.	19.92690	(89122316)	AT (	114.00,	-357.00) GC	36.	17.35819	(89101408)	AT (	14.00,	-457.00) GC
12.	19.45502	(89121224)	AT (	114.00,	-257.00) GC	37.	17.34395	(89122908)	AT (	-286.00,	-157.00) GC
13.	19.38669	(89101816)	AT (	114.00,	-257.00) GC	38.	17.30799	(89122324)	AT (	114.00,	-357.00) GC
14.	19.38348	(89101408)	AT (	14.00,	-357.00) GC	39.	17.14323	(89120316)	AT (	114.00,	-357.00) GC
15.	19.10828	(89010624)	AT (	214.00,	43.00) GC	40.	17.05211c	(89062616)	AT (	14.00,	-57.00) GC
16.	18.95033	(89030508)	AT (	-86.00,	-57.00) GC	41.	16.80082	(89050616)	AT (	114.00,	-157.00) GC
17.	18.91580	(89030708)	AT (	214.00,	-357.00) GC	42.	16.77432	(89020716)	AT (	114.00,	-357.00) GC
18.	18.84532	(89062716)	AT (	14.00,	-57.00) GC	43.	16.56372	(89040808)	AT (	114.00,	143.00) GC
19.	18.76116	(89122016)	AT (	114.00,	-457.00) GC	44.	16.46600	(89111516)	AT (	114.00,	43.00) GC
20.	18.28927	(89092408)	AT (	14.00,	-457.00) GC	45.	16.41885	(89072516)	AT (	-86.00,	-57.00) GC
21.	18.28645	(89122408)	AT (	114.00,	-357.00) GC	46.	16.31219	(89022724)	AT (	214.00,	43.00) GC
22.	18.15040	(89010716)	AT (	14.00,	-57.00) GC	47.	16.27650	(89120824)	AT (	214.00,	-357.00) GC
23.	18.13995	(89122324)	AT (	114.00,	-257.00) GC	48.	16.22406	(89100316)	AT (	14.00,	-257.00) GC
24.	18.06205	(89092408)	AT (	14.00,	-357.00) GC	49.	16.21180	(89020724)	AT (	114.00,	-357.00) GC
25.	17.92795	(89061116)	AT (	114.00,	43.00) GC	50.	16.12804	(89111608)	AT (	214.00,	-357.00) GC

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

*** ISCS13 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1989 Met
*** Revised building height = 38'

*** 11/23/99
06:11:43
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**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	81.12650 ON 89060810: AT (	14.00, -157.00, 0.00,	0.00)	GC 100METER
	HIGH 2ND HIGH VALUE IS	68.69849 ON 89011109: AT (	14.00, -157.00, 0.00,	0.00)	GC 100METER

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

*** ISCS13 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1989 Met
*** Revised building height = 38'

*** 11/23/99
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**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	26.27342 ON 89070616: AT (	114.00, -57.00, 0.00,	0.00)	GC 100METER
	HIGH 2ND HIGH VALUE IS	23.22713 ON 89061316: AT (	114.00, -57.00, 0.00,	0.00)	GC 100METER

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

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1989 Met

11/23/99

*** Revised building height = 38'

06:11:43

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**MODELOPTs: CONC

RURAL FLAT

DEFAULT

*** Message Summary : ISCST3 Model Execution ***

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

A Total of 0 Fatal Error Message(s)
A Total of 0 Warning Message(s)
A Total of 687 Informational Message(s)
A Total of 686 Calm Hours Identified

***** FATAL ERROR MESSAGES *****

*** NONE ***

***** WARNING MESSAGES *****

*** NONE ***

*** ISCST3 Finishes Successfully ***

ISCST3 CO 1990

** The results for this run are in file 12ST90C.OUT.
**

CO STARTING
 TITLEONE FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1990 Met
 TITLETWO Revised building height = 38'
 MODELOPT DFAULT RURAL CONC
 AVERTIME 1 8
 POLLUTID CO
 RUNORNOT RUN
 ERRORFIL ERRORS.OUT
 CO FINISHED

SO STARTING
 LOCATION 1207 POINT 214.0 -157.0
 ** Point Source QS HS TS VS DS
 ** Parameters: -----
 SRCPARAM 1207 1.351 17.68 718.1 13.85 2.66

SO BUILDHGT 1207	11.58	11.58	11.58	11.58	11.58	11.58
SO BUILDHGT 1207	11.58	11.58	11.58	.00	.00	.00
SO BUILDHGT 1207	11.58	11.58	11.58	11.58	11.58	11.58
SO BUILDHGT 1207	11.58	11.58	11.58	11.58	11.58	11.58
SO BUILDHGT 1207	11.58	11.58	11.58	.00	.00	.00
SO BUILDHGT 1207	11.58	11.58	11.58	11.58	11.58	11.58
SO BUILDWID 1207	26.13	27.08	27.21	26.52	25.01	22.75
SO BUILDWID 1207	19.80	16.24	12.19	.00	.00	.00
SO BUILDWID 1207	6.33	10.84	15.02	18.74	21.90	24.38
SO BUILDWID 1207	26.13	27.08	27.21	26.52	25.01	22.75
SO BUILDWID 1207	19.80	16.24	12.19	.00	.00	.00
SO BUILDWID 1207	6.33	10.84	15.02	18.74	21.90	24.38

SO LOCATION GEN03 POINT 62.2 -150.3
 ** Parameters QS HS TS VS DS
 ** -----
 SO SRCPARAM GEN03 0.283 6.10 644.26 45.49 0.2

SO BUILDHGT GEN03	3.66	3.66	3.66	3.66	3.66	3.66
SO BUILDHGT GEN03	3.66	3.66	3.66	3.66	3.66	3.66
SO BUILDHGT GEN03	3.66	3.66	3.66	3.66	3.66	3.66
SO BUILDHGT GEN03	3.66	3.66	3.66	3.66	3.66	3.66
SO BUILDHGT GEN03	3.66	3.66	3.66	3.66	3.66	3.66
SO BUILDHGT GEN03	3.66	3.66	3.66	3.66	3.66	3.66
SO BUILDWID GEN03	40.35	39.84	38.13	35.25	31.31	26.41
SO BUILDWID GEN03	20.71	14.38	7.62	14.38	20.71	26.41
SO BUILDWID GEN03	31.31	35.25	38.13	39.84	40.35	39.62
SO BUILDWID GEN03	40.35	39.84	38.13	35.25	31.31	26.41
SO BUILDWID GEN03	20.71	14.38	7.62	14.38	20.71	26.41
SO BUILDWID GEN03	31.31	35.25	38.13	39.84	40.35	39.62

SO SRCGROUP ALL
SO FINISHED

RE STARTING
GRIDCART 100METER STA
GRIDCART 100METER XYINC -986 25 100 -1357 25 100
GRIDCART 100METER END
RE FINISHED

ME STARTING
INPUTFIL 12ST90.ASC
ANEMHGHT 10
SURFDATA 13899 1990 PENSACOLA
UAIRDATA 12832 1990 APALACHICOLA
ME FINISHED

OU STARTING
RECTABLE ALLAVE FIRST SECOND
MAXTABLE ALLAVE 50
OU FINISHED

*** SETUP Finishes Successfully ***

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1990 Met
*** Revised building height = 38'

*** 11/23/99
*** 06:15:34
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**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

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

-- SCAVENGING/DEPOSITION LOGIC --

**Model Uses NO DRY DEPLETION. DDPLETE = F

**Model Uses NO WET DEPLETION. WDPLETE = F

**NO WET SCAVENGING Data Provided.

**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses RURAL Dispersion.

**Model Uses Regulatory DEFAULT Options:

1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.
8. "Upper Bound" Values for Supersquat Buildings.
9. No Exponential Decay for RURAL Mode

**Model Assumes Receptors on FLAT Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates 2 Short Term Average(s) of: 1-HR 8-HR

**This Run Includes: 2 Source(s); 1 Source Group(s); and 625 Receptor(s)

**The Model Assumes A Pollutant Type of: CO

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

**Output Options Selected:

Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)

Model Outputs Tables of Overall Maximum Short Term Values (MAXTABLE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1990 Met
*** Revised building height = 38'

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**MODELOPTs: CONC

RURAL FLAT DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID

SOURCE IDs

ALL 1207 , GEN03 ,

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1990 Met
*** Revised building height = 38'

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**MODELOPTs: CONC

RURAL FLAT DFAULT

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: 1207

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	11.6,	26.1,	0	2	11.6,	27.1,	0	3	11.6,	27.2,	0	4	11.6,	26.5,	0	5	11.6,	25.0,	0	6	11.6,	22.8,	0
7	11.6,	19.8,	0	8	11.6,	16.2,	0	9	11.6,	12.2,	0	10	0.0,	0.0,	0	11	0.0,	0.0,	0	12	0.0,	0.0,	0
13	11.6,	6.3,	0	14	11.6,	10.8,	0	15	11.6,	15.0,	0	16	11.6,	18.7,	0	17	11.6,	21.9,	0	18	11.6,	24.4,	0
19	11.6,	26.1,	0	20	11.6,	27.1,	0	21	11.6,	27.2,	0	22	11.6,	26.5,	0	23	11.6,	25.0,	0	24	11.6,	22.8,	0
25	11.6,	19.8,	0	26	11.6,	16.2,	0	27	11.6,	12.2,	0	28	0.0,	0.0,	0	29	0.0,	0.0,	0	30	0.0,	0.0,	0
31	11.6,	6.3,	0	32	11.6,	10.8,	0	33	11.6,	15.0,	0	34	11.6,	18.7,	0	35	11.6,	21.9,	0	36	11.6,	24.4,	0

SOURCE ID: GEN03

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	3.7,	40.3,	0	2	3.7,	39.8,	0	3	3.7,	38.1,	0	4	3.7,	35.3,	0	5	3.7,	31.3,	0	6	3.7,	26.4,	0
7	3.7,	20.7,	0	8	3.7,	14.4,	0	9	3.7,	7.6,	0	10	3.7,	14.4,	0	11	3.7,	20.7,	0	12	3.7,	26.4,	0
13	3.7,	31.3,	0	14	3.7,	35.3,	0	15	3.7,	38.1,	0	16	3.7,	39.8,	0	17	3.7,	40.3,	0	18	3.7,	39.6,	0
19	3.7,	40.3,	0	20	3.7,	39.8,	0	21	3.7,	38.1,	0	22	3.7,	35.3,	0	23	3.7,	31.3,	0	24	3.7,	26.4,	0
25	3.7,	20.7,	0	26	3.7,	14.4,	0	27	3.7,	7.6,	0	28	3.7,	14.4,	0	29	3.7,	20.7,	0	30	3.7,	26.4,	0
31	3.7,	31.3,	0	32	3.7,	35.3,	0	33	3.7,	38.1,	0	34	3.7,	39.8,	0	35	3.7,	40.3,	0	36	3.7,	39.6,	0

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1990 Met
*** Revised building height = 38'

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*** 06:15:34
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**MODELOPTs: CONC

RURAL FLAT DFAULT

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

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

-986.0,	-886.0,	-786.0,	-686.0,	-586.0,	-486.0,	-386.0,	-286.0,	-186.0,	-86.0,
14.0,	114.0,	214.0,	314.0,	414.0,	514.0,	614.0,	714.0,	814.0,	914.0,
1014.0,	1114.0,	1214.0,	1314.0,	1414.0,					

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

-1357.0,	-1257.0,	-1157.0,	-1057.0,	-957.0,	-857.0,	-757.0,	-657.0,	-557.0,	-457.0,
-357.0,	-257.0,	-157.0,	-57.0,	43.0,	143.0,	243.0,	343.0,	443.0,	543.0,
643.0,	743.0,	843.0,	943.0,	1043.0,					

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1990 Met
*** Revised building height = 38'

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**MODELOPTs: CONC

RURAL FLAT DFAULT

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR 3*ZLB IN DISTANCE, OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)		DISTANCE (METERS)
1207	214.0	-157.0	0.00

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1990 Met
*** Revised building height = 38'

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**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

FILE: 12ST90.ASC

FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)

SURFACE STATION NO.: 13899

UPPER AIR STATION NO.: 12832

NAME: PENSACOLA

NAME: APALACHICOLA

YEAR: 1990

YEAR: 1990

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING HEIGHT (M)		USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
								RURAL	URBAN					
90	1	1	1	151.0	5.66	282.6	4	617.0	617.0	0.0000	0.0	0.0000	0	0.00
90	1	1	2	138.0	5.66	280.9	4	617.0	617.0	0.0000	0.0	0.0000	0	0.00
90	1	1	3	154.0	7.20	279.8	4	617.0	617.0	0.0000	0.0	0.0000	0	0.00
90	1	1	4	173.0	5.14	278.7	5	617.0	736.0	0.0000	0.0	0.0000	0	0.00
90	1	1	5	173.0	4.12	278.2	5	617.0	736.0	0.0000	0.0	0.0000	0	0.00
90	1	1	6	172.0	4.12	277.6	5	617.0	736.0	0.0000	0.0	0.0000	0	0.00
90	1	1	7	155.0	3.09	277.0	6	617.0	736.0	0.0000	0.0	0.0000	0	0.00
90	1	1	8	173.0	3.09	278.2	5	19.2	732.3	0.0000	0.0	0.0000	0	0.00
90	1	1	9	127.0	3.60	279.8	4	118.9	713.1	0.0000	0.0	0.0000	0	0.00
90	1	1	10	161.0	4.63	282.6	3	218.5	693.9	0.0000	0.0	0.0000	0	0.00
90	1	1	11	174.0	4.63	284.8	3	318.1	674.6	0.0000	0.0	0.0000	0	0.00
90	1	1	12	176.0	6.17	285.4	4	417.7	655.4	0.0000	0.0	0.0000	0	0.00
90	1	1	13	173.0	6.17	287.0	4	517.4	636.2	0.0000	0.0	0.0000	0	0.00
90	1	1	14	179.0	6.17	287.0	4	617.0	617.0	0.0000	0.0	0.0000	0	0.00
90	1	1	15	182.0	5.66	286.5	4	617.0	617.0	0.0000	0.0	0.0000	0	0.00
90	1	1	16	174.0	5.66	285.9	4	617.0	617.0	0.0000	0.0	0.0000	0	0.00
90	1	1	17	191.0	4.12	283.2	4	617.0	617.0	0.0000	0.0	0.0000	0	0.00
90	1	1	18	167.0	2.57	282.0	5	630.5	571.6	0.0000	0.0	0.0000	0	0.00
90	1	1	19	194.0	1.54	280.4	6	649.1	509.2	0.0000	0.0	0.0000	0	0.00
90	1	1	20	157.0	2.06	278.2	6	667.7	446.7	0.0000	0.0	0.0000	0	0.00
90	1	1	21	170.0	2.06	277.6	6	686.2	384.3	0.0000	0.0	0.0000	0	0.00
90	1	1	22	182.0	2.06	277.0	6	704.8	321.9	0.0000	0.0	0.0000	0	0.00
90	1	1	23	190.0	2.06	277.0	6	723.4	259.4	0.0000	0.0	0.0000	0	0.00
90	1	1	24	220.0	3.60	278.7	5	742.0	197.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1990 Met
*** Revised building height = 38'

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**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-986.00	-886.00	X-COORD (METERS) -786.00	-686.00	-586.00
1043.0	11.50430 (90052602)	11.26138 (90062823)	10.52027 (90021302)	11.21616 (90112419)	11.13731 (90042521)
943.0	10.65409 (90091120)	11.61107 (90052602)	11.46160 (90062823)	10.21912 (90021302)	12.27750 (90051314)
843.0	10.56946 (90122001)	10.57252 (90091120)	11.03144 (90052602)	11.86663 (90051423)	11.59907 (90112419)
743.0	11.89990 (90042403)	11.74964 (90122001)	11.00653 (90031223)	11.85429 (90031010)	12.24686 (90020318)
643.0	12.20807 (90110423)	11.05781 (90020909)	13.08448 (90122001)	12.78989 (90031223)	13.68981 (90022718)
543.0	14.09645 (90050306)	11.49216 (90121510)	12.53693 (90020909)	14.54798 (90122001)	15.03875 (90031223)
443.0	16.76452 (90050306)	18.64946 (90050306)	13.12675 (90022618)	14.02549 (90121510)	16.49982 (90080510)
343.0	13.26386 (90042020)	14.46949 (90010519)	21.30356 (90050306)	19.67121 (90050306)	17.67166 (90121510)
243.0	12.35253 (90020905)	12.73005 (90020905)	15.82862 (90042020)	17.76433 (90050306)	27.47988 (90050306)
143.0	11.20072 (90020907)	13.34852 (90010517)	16.32953 (90010517)	17.76445 (90020905)	19.97217 (90051508)
43.0	17.97189 (90010510)	15.98549 (90010510)	16.32056 (90121208)	17.10113 (90121208)	19.72152 (90123006)
-57.0	16.75426 (90010510)	20.19621 (90010510)	24.40960 (90010510)	29.27285 (90010510)	34.00604 (90010510)
-157.0	13.99696 (90030719)	15.24858 (90030719)	16.51724 (90030719)	18.11116 (90091417)	20.72416 (90060919)
-257.0	13.16381 (90071107)	14.89227 (90010521)	17.14939 (90010521)	18.81984 (90010521)	19.49080 (90032901)
-357.0	13.35114 (90061408)	16.05438 (90061408)	17.51168 (90061408)	18.23538 (90121209)	20.71923 (90021617)
-457.0	13.01710 (90122002)	15.55452 (90122002)	15.50467 (90112307)	18.32716 (90041916)	19.62596 (90102808)
-557.0	13.72412 (90041916)	14.49576 (90041916)	14.92509 (90102808)	16.86778 (90071907)	18.73723 (90062807)
-657.0	11.57258 (90102808)	13.08942 (90071907)	13.74443 (90062807)	16.53605 (90062807)	17.47336 (90033104)
-757.0	11.81300 (90011524)	14.02126 (90062807)	13.32990 (90010216)	14.75350 (90031006)	15.49356 (90010309)
-857.0	12.09921 (90062807)	11.59112 (90033107)	13.41268 (90010707)	13.03592 (90010309)	14.75212 (90102917)
-957.0	11.75827 (90112102)	12.32329 (90010707)	11.18486 (90010309)	12.41696 (90102917)	14.44827 (90041917)
-1057.0	11.12339 (90010707)	11.39183 (90010205)	11.82717 (90061723)	13.30353 (90041917)	11.60043 (90063007)
-1157.0	11.67324 (90010205)	12.25105 (90061723)	12.19366 (90122724)	11.71041 (90110323)	11.60478 (90121604)
-1257.0	12.36472 (90061723)	12.03865 (90122724)	12.08152 (90110323)	11.43264 (90091624)	11.80825 (90072003)
-1357.0	11.73620 (90012703)	11.64024 (90013122)	12.64284 (90121920)	11.60158 (90010203)	11.46254 (90022723)

**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-486.00	-386.00	X-COORD (METERS) -286.00	-186.00	-86.00
1043.0	10.51326 (90091819)	9.55934 (90042422)	10.94042 (90110616)	11.02937 (90091020)	12.04855 (90011008)
943.0	11.54085 (90052522)	11.44436 (90121309)	11.87585 (90022818)	10.69398 (90052623)	12.54586 (90060819)
843.0	11.95274 (90051314)	12.12535 (90121309)	11.16936 (90022818)	12.14326 (90110616)	13.87743 (90120917)
743.0	14.78133 (90051314)	13.99422 (90121610)	13.50366 (90121309)	15.30362 (90110616)	14.72369 (90120917)
643.0	14.68942 (90020318)	15.62090 (90051314)	16.30653 (90121309)	17.17169 (90022818)	15.27396 (90120616)
543.0	15.94131 (90022718)	16.15469 (90051314)	18.27069 (90121610)	17.15040 (90031024)	18.75060 (90120616)
443.0	17.77961 (90031223)	19.07274 (90030518)	19.48244 (90051314)	21.38656 (90121309)	21.16682 (90051119)
343.0	19.74746 (90080510)	20.62839 (90031223)	22.32628 (90020318)	23.97959 (90091318)	24.44867 (90103017)
243.0	19.76873 (90121510)	22.75898 (90080510)	23.39530 (90030203)	25.92277 (90012819)	27.26598 (90030618)
143.0	25.79442 (90050306)	32.52583 (90050306)	26.84938 (90052519)	28.66855 (90052724)	31.98361 (90100402)
43.0	22.85246 (90071320)	25.77892 (90102017)	41.65501 (90050306)	32.69964 (90050317)	36.82400 (90100815)
-57.0	36.12608 (90010510)	30.28162 (90010510)	30.13078 (90082618)	34.51308 (90070407)	45.75978 (90112710)
-157.0	23.98971 (90060919)	27.10929 (90060919)	31.13528 (90053108)	36.58105 (90022115)	49.04557 (90041911)
-257.0	23.28024 (90010420)	26.24457 (90031208)	29.85565 (90093003)	34.15223 (90070409)	38.56779 (90101908)
-357.0	23.14515 (90072608)	24.87710 (90092916)	28.04217 (90050807)	31.15920 (90122701)	35.41608 (90082420)
-457.0	21.72691 (90032905)	24.19279 (90062508)	26.46320 (90100408)	29.05998 (90070402)	41.94632 (90122608)
-557.0	20.43791 (90033107)	21.85006 (90010309)	23.66965 (90013014)	25.55760 (90121906)	38.36698 (90122608)
-657.0	18.56842 (90010309)	20.63319 (90102917)	22.32462 (90063007)	31.47060 (90122608)	24.36950 (90080707)
-757.0	17.63104 (90102917)	17.39792 (90010706)	20.05615 (90121912)	36.28520 (90122608)	21.48451 (90080319)
-857.0	15.37722 (90021618)	16.00059 (90063007)	22.65167 (90122608)	21.74269 (90122608)	19.06231 (90022518)
-957.0	14.66130 (90063007)	15.46925 (90031007)	28.32427 (90122608)	17.12637 (90071318)	17.19590 (90022518)
-1057.0	12.63940 (90121912)	17.51077 (90122608)	22.82830 (90122608)	15.26911 (90071607)	15.74146 (90090408)
-1157.0	12.00351 (90031007)	22.39350 (90122608)	14.36757 (90122608)	13.10134 (90071607)	13.84900 (90090408)
-1257.0	14.25834 (90122608)	20.87336 (90122608)	11.86665 (90071318)	11.13377 (90022518)	12.03679 (90101723)
-1357.0	18.24414 (90122608)	15.88882 (90122608)	11.23182 (90090301)	11.67535 (90032201)	12.49410 (90101723)

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1990 Met
*** Revised building height = 38'

*** 11/23/99
*** 06:15:34
*** PAGE 11

**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	14.00	114.00	214.00	314.00	414.00
1043.0	11.47620 (90121409)	11.52731 (90092717)	11.37018 (90111817)	11.78637 (90021221)	11.42422 (90012220)
943.0	12.65553 (90121409)	12.68022 (90092717)	12.27889 (90111817)	13.57186 (90092719)	11.75812 (90040818)
843.0	13.97449 (90121409)	13.95463 (90092717)	14.10389 (90071305)	15.29604 (90092719)	13.17277 (90110617)
743.0	15.61907 (90031301)	15.92035 (90052419)	15.70889 (90071305)	15.16214 (90092719)	14.83114 (90050206)
643.0	17.91666 (90031301)	18.19568 (90052419)	17.15985 (90071319)	17.00328 (90040818)	27.31290 (90050206)
543.0	20.29451 (90031301)	20.47854 (90052419)	20.04397 (90071319)	18.66011 (90110617)	33.69068 (90050206)
443.0	22.23829 (90031301)	22.18310 (90052419)	22.01520 (90082118)	30.82323 (90050206)	19.70671 (90050206)
343.0	25.57368 (90011008)	24.32725 (90050719)	23.72317 (90040818)	43.61635 (90050206)	21.94831 (90053019)
243.0	29.36683 (90072019)	28.86945 (90072119)	27.74568 (90071618)	25.16685 (90090618)	23.25212 (90040608)
143.0	33.59123 (90090118)	33.06071 (90112808)	46.86969 (90050206)	29.18552 (90040608)	26.40188 (90061819)
43.0	43.20179 (90081314)	43.34644 (90081715)	36.16304 (90072216)	32.48429 (90080919)	28.42128 (90080419)
-57.0	52.73576 (90031509)	52.92179 (90042910)	45.82898 (90070119)	34.50096 (90072319)	30.35717 (90042819)
-157.0	77.41582 (90090111)	59.91888 (90061917)	47.63910 (90070216)	39.77150 (90072317)	30.08771 (90010917)
-257.0	51.38042 (90042214)	50.42797 (90040315)	43.10041 (90040318)	34.15709 (90082307)	29.73625 (90080719)
-357.0	40.66686 (90072510)	40.44516 (90111710)	47.43036 (90011208)	32.14815 (90072321)	28.18001 (90081907)
-457.0	31.85150 (90041509)	32.11455 (90060318)	32.85960 (90021908)	35.33133 (90011208)	26.07828 (90121016)
-557.0	28.65261 (90063006)	28.27956 (90100417)	33.64929 (90021908)	25.91413 (90091416)	22.39030 (90011208)
-657.0	25.33935 (90072820)	24.56318 (90092913)	28.81982 (90102407)	23.53979 (90021908)	22.01748 (90080606)
-757.0	22.02317 (90072820)	22.08098 (90082007)	22.02289 (90021615)	29.08712 (90021908)	20.24749 (90040215)
-857.0	19.62102 (90101209)	20.22670 (90082007)	19.94567 (90090219)	18.23563 (90071808)	18.04124 (90033103)
-957.0	17.77346 (90101209)	17.90630 (90082007)	17.64479 (90100208)	19.61106 (90102407)	22.25749 (90021908)
-1057.0	15.84429 (90101209)	15.63911 (90082007)	15.64692 (90061119)	16.64164 (90102407)	18.49183 (90021908)
-1157.0	14.04536 (90101209)	13.61644 (90082007)	13.94156 (90061119)	13.61704 (90021615)	13.46235 (90102407)
-1257.0	12.87999 (90112309)	11.94797 (90082007)	12.21960 (90041919)	12.06335 (90090219)	14.55544 (90102407)
-1357.0	12.50602 (90112309)	11.32877 (90061121)	11.27188 (90041919)	11.14541 (90090219)	13.47103 (90102407)

**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	514.00	614.00	714.00	814.00	914.00
1043.0	10.10991 (90061718)	20.51435 (90050206)	16.40310 (90050206)	10.66842 (90032320)	11.21918 (90071101)
943.0	15.51225 (90050206)	22.48525 (90050206)	10.97499 (90071121)	10.29697 (90071204)	10.68656 (90090323)
843.0	23.55877 (90050206)	18.00063 (90050206)	10.91438 (90063002)	11.18468 (90090520)	10.80866 (90090820)
743.0	26.94932 (90050206)	9.92969 (90043020)	10.65380 (90071101)	10.92780 (90090820)	12.30544 (90103118)
643.0	19.48314 (90050206)	13.10763 (90053019)	11.36859 (90101801)	12.18017 (90103118)	11.54936 (90062107)
543.0	14.20405 (90053019)	14.50023 (90101801)	12.14286 (90091718)	13.17025 (90062107)	10.98240 (90050105)
443.0	17.63277 (90101801)	14.33048 (90091718)	15.07892 (90062107)	13.28773 (90091518)	12.97241 (90041423)
343.0	17.35350 (90040608)	16.90569 (90062107)	16.83479 (90041423)	15.97245 (90033118)	14.44630 (90041708)
243.0	19.43038 (90043002)	20.40830 (90041423)	18.19826 (90041708)	15.41922 (90061706)	15.09532 (90070919)
143.0	23.79181 (90033118)	21.59373 (90061706)	20.15358 (90070919)	16.42647 (90072920)	14.37633 (90080618)
43.0	24.42817 (90070919)	22.80144 (90080618)	18.68149 (90090908)	17.03782 (90062706)	14.21392 (90062706)
-57.0	25.57598 (90080620)	23.44846 (90061606)	20.06098 (90061606)	17.08251 (90090418)	15.28224 (90090418)
-157.0	24.54156 (90060406)	21.01874 (90060406)	17.78397 (90060406)	15.08197 (90060406)	12.88566 (90060406)
-257.0	26.20863 (90081707)	22.86540 (90040208)	29.30924 (90042206)	30.79086 (90042206)	29.31439 (90042206)
-357.0	25.15641 (90010603)	21.26065 (90062310)	18.86233 (90081308)	18.90810 (90081308)	15.58266 (90071815)
-457.0	23.00037 (90033117)	21.73138 (90032408)	19.05785 (90062319)	16.27134 (90062310)	12.48436 (90081508)
-557.0	19.95848 (90121016)	20.30179 (90042204)	14.21312 (90032408)	16.62384 (90032408)	14.12788 (90062319)
-657.0	19.36958 (90060807)	16.79471 (90080619)	17.54157 (90071306)	12.65601 (90033117)	12.93763 (90032408)
-757.0	19.74229 (90011208)	18.21208 (90060807)	14.08349 (90080619)	14.43834 (90071306)	12.46913 (90042204)
-857.0	17.30261 (90080207)	17.85533 (90011208)	16.33363 (90060807)	11.85715 (90080619)	12.59413 (90040120)
-957.0	15.61079 (90091508)	15.77096 (90092419)	15.19159 (90011208)	14.41881 (90060807)	10.80704 (90032101)
-1057.0	13.83121 (90033103)	13.26680 (90082020)	13.49245 (90092108)	12.68750 (90011208)	12.72976 (90060807)
-1157.0	17.48667 (90021908)	12.14342 (90091508)	12.55721 (90080606)	12.59818 (90092108)	11.39131 (90110621)
-1257.0	16.65910 (90021908)	11.48358 (90103120)	11.01053 (90012120)	12.24501 (90103121)	11.85666 (90011208)
-1357.0	12.89343 (90021908)	14.21327 (90021908)	11.77770 (90031804)	11.63837 (90121201)	11.62590 (90120922)

**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS) |	1014.00	1114.00	X-COORD (METERS) 1214.00	1314.00	1414.00
1043.0 |	11.31901 (90060624)	12.13426 (90062222)	12.84727 (90062223)	11.33362 (90060403)	12.43355 (90012620)
943.0 |	11.05525 (90062222)	12.66752 (90062223)	11.25037 (90060403)	11.70410 (90012620)	12.91027 (90050105)
843.0 |	12.26907 (90062223)	11.38701 (90092620)	11.57821 (90041721)	12.29448 (90050105)	11.44322 (90050103)
743.0 |	11.33809 (90092620)	10.89408 (90041721)	10.65284 (90032321)	11.29439 (90050103)	11.28233 (90092021)
643.0 |	10.84629 (90050105)	11.45340 (90032321)	11.24511 (90080421)	12.47130 (90032322)	12.23991 (90060703)
543.0 |	11.68713 (90041423)	11.03656 (90092021)	12.28739 (90060703)	11.63276 (90033121)	12.70062 (90082202)
-443.0 |	12.00151 (90033118)	11.25189 (90041708)	11.99356 (90082202)	12.19793 (90080422)	12.54447 (90091720)
343.0 |	11.36154 (90061706)	11.51717 (90070919)	10.96624 (90091720)	11.87682 (90060521)	11.19668 (90060521)
243.0 |	12.80244 (90070919)	10.86600 (90060521)	11.29350 (90022404)	11.13309 (90022403)	10.25011 (90101519)
143.0 |	12.37594 (90090908)	10.34458 (90062706)	10.44429 (90041722)	11.36498 (90090702)	10.84034 (90101721)
43.0 |	10.81981 (90101721)	10.79194 (90061606)	10.21063 (90090322)	10.47297 (90040421)	10.78593 (90090321)
-57.0 |	13.69554 (90102818)	12.80743 (90102818)	11.81618 (90102818)	10.81737 (90102818)	10.56586 (90061922)
-157.0 |	11.10802 (90060406)	10.10673 (90042205)	10.39211 (90060723)	10.67269 (90060723)	10.83748 (90060723)
-257.0 |	26.59486 (90042206)	23.58372 (90042206)	20.73819 (90042206)	18.21190 (90042206)	16.02655 (90042206)
-357.0 |	13.40902 (90101807)	13.97257 (90042206)	16.14582 (90042206)	17.37397 (90042206)	17.82559 (90042206)
-457.0 |	14.17371 (90081308)	14.50466 (90081308)	12.83429 (90081308)	12.11134 (90083103)	10.83701 (90121119)
-557.0 |	13.37641 (90062319)	10.85963 (90111623)	10.89884 (90030501)	12.99466 (90111219)	11.70221 (90101501)
-657.0 |	12.57431 (90032408)	11.37954 (90061906)	11.22776 (90073024)	10.80870 (90111624)	11.42829 (90111623)
-757.0 |	10.63995 (90012607)	11.25226 (90121021)	11.43068 (90040323)	12.44784 (90061906)	11.63148 (90073024)
-857.0 |	11.56972 (90042204)	12.02400 (90101424)	11.21334 (90092622)	11.30300 (90090806)	11.53448 (90040323)
-957.0 |	11.83463 (90030422)	11.94804 (90120924)	11.59097 (90092204)	11.73379 (90012607)	10.72862 (90012223)
-1057.0 |	11.19115 (90092203)	12.33386 (90082221)	10.71535 (90040821)	12.77184 (90070804)	12.90532 (90101424)
-1157.0 |	11.36141 (90121020)	11.51736 (90092203)	12.69388 (90082221)	11.60809 (90081204)	12.85923 (90120924)
-1257.0 |	11.51042 (90040822)	11.33473 (90032501)	11.61789 (90092203)	12.45500 (90082221)	12.18159 (90030422)
-1357.0 |	11.52971 (90062403)	11.67861 (90040822)	11.44988 (90032501)	11.55727 (90092203)	12.81467 (90081505)

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1990 Met
*** Revised building height = 38'

*** 11/23/99
*** 06:15:34
*** PAGE 14

**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE 2ND HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-986.00	-886.00	X-COORD (METERS) -786.00	-686.00	-586.00
1043.0	10.51252 (90051522)	11.21206 (90072001)	10.22980 (90050404)	10.58588 (90051314)	9.29299 (90051314)
943.0	10.05605 (90112018)	10.73275 (90051522)	11.35117 (90051423)	9.99965 (90020318)	11.17964 (90121524)
843.0	10.47408 (90053101)	10.49677 (90112018)	11.02569 (90042322)	11.22526 (90061302)	11.37746 (90051314)
743.0	11.03794 (90072022)	10.58346 (90053101)	10.98550 (90022617)	11.47167 (90022718)	12.16642 (90030518)
643.0	11.43476 (90100820)	10.14542 (90042403)	11.58935 (90080510)	12.76160 (90022617)	13.51548 (90031010)
543.0	11.54486 (90051424)	11.16946 (90010402)	11.15413 (90052119)	13.72516 (90080510)	14.99887 (90022617)
443.0	12.97914 (90051406)	12.44725 (90031101)	12.33795 (90050306)	13.77190 (90020909)	15.96646 (90122001)
343.0	12.11962 (90010519)	13.62848 (90042020)	15.91268 (90051406)	15.92650 (90012408)	14.75007 (90052119)
243.0	12.34263 (90071320)	12.12858 (90111918)	15.44069 (90051508)	17.36559 (90010519)	18.73912 (90010313)
143.0	11.18654 (90010518)	12.65874 (90123006)	15.63792 (90071320)	16.93469 (90071320)	17.89942 (90042020)
43.0	14.39318 (90010511)	14.61745 (90031011)	16.18585 (90031011)	16.96990 (90020209)	19.63262 (90031107)
-57.0	14.00986 (90010908)	16.13828 (90010511)	19.39963 (90010511)	22.98858 (90010511)	26.06990 (90010511)
-157.0	12.76880 (90091417)	14.29962 (90091417)	16.10009 (90091417)	18.07047 (90060319)	20.43122 (90060319)
-257.0	12.73368 (90121509)	14.77730 (90121509)	16.81384 (90121509)	18.23958 (90121509)	18.92782 (90082107)
-357.0	13.12759 (90032901)	15.65226 (90020904)	17.21996 (90020207)	17.42420 (90020207)	20.62411 (90072007)
-457.0	12.67059 (90072007)	14.27289 (90021617)	15.44426 (90072608)	17.91312 (90061207)	18.70579 (90010409)
-557.0	12.44707 (90072608)	13.63060 (90031005)	13.91253 (90010409)	16.75218 (90032905)	18.13348 (90021812)
-657.0	11.01264 (90040903)	12.70131 (90032905)	12.84341 (90032905)	15.16428 (90021812)	16.92162 (90031006)
-757.0	10.90942 (90032905)	12.22760 (90021812)	12.60470 (90033107)	14.69992 (90103108)	14.73242 (90010707)
-857.0	12.06595 (90032305)	11.47244 (90112102)	12.69848 (90071307)	12.67571 (90082807)	13.85249 (90032902)
-957.0	11.18557 (90061205)	11.09560 (90112206)	11.09309 (90082807)	12.14633 (90032902)	13.63058 (90021618)
-1057.0	10.79429 (90010207)	11.35689 (90022803)	11.25851 (90111420)	11.65391 (90021618)	11.02748 (90120608)
-1157.0	11.64031 (90022803)	11.44161 (90111420)	12.18642 (90121922)	11.07928 (90051101)	11.07716 (90013124)
-1257.0	11.35434 (90111420)	12.03204 (90121922)	11.22263 (90051101)	10.92048 (90121920)	11.20379 (90110105)
-1357.0	11.66224 (90110321)	11.57158 (90090222)	11.60555 (90100603)	11.50757 (90061201)	11.40958 (90053023)

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1990 Met
*** Revised building height = 38'

*** 11/23/99
*** 06:15:34
PAGE 15

**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE 2ND HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS) |	-486.00	-386.00	X-COORD (METERS) -286.00	-186.00	-86.00
1043.0 |	9.92553 (90010501)	9.11001 (90031024)	10.75936 (90022818)	10.56453 (90091319)	11.51453 (90060819)
943.0 |	11.52008 (90080423)	10.89888 (90110424)	11.00368 (90110616)	10.57020 (90120616)	12.53875 (90120917)
843.0 |	10.82130 (90042521)	11.68098 (90121610)	10.68329 (90031024)	11.77844 (90051119)	13.24036 (90060819)
743.0 |	11.66946 (90012819)	12.54459 (90091318)	13.14762 (90031024)	14.35697 (90022818)	13.29052 (90060819)
643.0 |	13.07275 (90112516)	13.23427 (90100218)	14.29507 (90051519)	16.29440 (90110616)	14.68459 (90050718)
543.0 |	15.27611 (90030518)	15.43984 (90012819)	17.20601 (90091318)	16.24096 (90102717)	16.75568 (90050718)
443.0 |	17.71981 (90022617)	18.04773 (90071312)	19.14168 (90010422)	18.99855 (90031024)	19.72760 (90110616)
343.0 |	17.16313 (90020909)	20.53685 (90022617)	22.00550 (90112516)	23.07768 (90121610)	24.14111 (90121616)
243.0 |	18.89458 (90022618)	21.45782 (90020909)	23.38331 (90091913)	24.90785 (90010422)	27.09700 (90031024)
143.0 |	22.18601 (90101409)	23.93883 (90011517)	26.01833 (90122006)	28.48318 (90030203)	31.35342 (90090416)
43.0 |	22.60110 (90010517)	24.81925 (90030110)	29.40511 (90082519)	32.50975 (90112715)	36.68015 (90100320)
-57.0 |	26.52410 (90010511)	26.46107 (90020215)	29.72832 (90031209)	34.48048 (90100709)	45.18057 (90101712)
-157.0 |	23.41528 (90020107)	26.70400 (90020205)	31.00627 (90070320)	36.58105 (90022116)	48.82738 (90022115)
-257.0 |	23.20420 (90032901)	26.24275 (90042107)	29.28838 (90101709)	33.34821 (90091909)	37.03076 (90051306)
-357.0 |	22.72350 (90100808)	24.64877 (90041915)	27.98703 (90052507)	30.68021 (90101707)	35.00439 (90092416)
-457.0 |	21.58526 (90010713)	23.98546 (90093008)	26.22366 (90093005)	28.85346 (90092509)	31.24927 (90083122)
-557.0 |	20.12162 (90010216)	21.71760 (90071806)	23.34463 (90021819)	24.32372 (90100518)	26.29788 (90012809)
-657.0 |	17.90703 (90071806)	19.32592 (90021819)	21.16797 (90120609)	23.49815 (90092908)	23.84575 (90070818)
-757.0 |	15.90817 (90041917)	15.94975 (90063007)	19.69071 (90031007)	20.50742 (90040210)	21.31724 (90050619)
-857.0 |	14.72581 (90041917)	15.51664 (90100518)	18.00478 (90101708)	19.29228 (90070819)	17.99818 (90121915)
-957.0 |	12.78034 (90120609)	15.46925 (90121819)	14.94082 (90120207)	17.00601 (90033105)	16.73882 (90090408)
-1057.0 |	11.57802 (90121906)	13.84363 (90092908)	14.75121 (90040210)	13.91732 (90071318)	14.08450 (90022518)
-1157.0 |	12.00351 (90121819)	12.22493 (90120207)	13.29013 (90070819)	11.98562 (90080319)	11.46762 (90111318)
-1257.0 |	11.60319 (90090201)	11.16898 (90040210)	11.82188 (90033105)	11.04226 (90093021)	11.82670 (90090408)
-1357.0 |	11.12423 (90090205)	11.43610 (90092006)	10.90430 (90042407)	11.62107 (90112022)	11.26066 (90112308)

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1990 Met
*** Revised building height = 38'

*** 11/23/99
*** 06:15:34
*** PAGE 16

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 2ND HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS) |	X-COORD (METERS)				
	14.00	114.00	214.00	314.00	414.00
1043.0 |	11.45078 (90092721)	10.81320 (90062920)	10.85951 (90050719)	11.25256 (90071319)	10.81148 (90040818)
943.0 |	11.88810 (90031301)	12.15537 (90052419)	12.20548 (90071305)	12.05630 (90071319)	11.48765 (90110617)
843.0 |	13.57225 (90031301)	13.86150 (90052419)	12.80226 (90111817)	12.19627 (90082118)	11.68623 (90082119)
743.0 |	15.46260 (90121409)	15.37270 (90092717)	13.31572 (90071319)	14.59013 (90040818)	14.80317 (90061718)
643.0 |	16.92311 (90121409)	16.71058 (90092717)	16.14809 (90071305)	16.16400 (90110617)	14.85839 (90061718)
543.0 |	18.91437 (90062918)	18.61347 (90050719)	18.87542 (90052006)	18.27208 (90082119)	16.67343 (90042319)
443.0 |	21.60679 (90050219)	21.95367 (90050719)	20.34141 (90092719)	21.05693 (90061718)	17.70336 (90012217)
343.0 |	25.18697 (90071119)	24.09512 (90082518)	23.61983 (90080119)	23.03971 (90111617)	20.73509 (90062019)
243.0 |	28.68129 (90050903)	28.34645 (90111816)	27.51355 (90043019)	24.02900 (90090818)	21.01389 (90071519)
143.0 |	33.06318 (90080519)	32.96013 (90121805)	31.91650 (90100117)	28.79478 (90061918)	25.75643 (90051703)
43.0 |	43.12511 (90060615)	43.15208 (90090715)	35.76876 (90072915)	32.35953 (90060304)	28.33243 (90052319)
-57.0 |	52.48875 (90031610)	52.45851 (90021008)	45.75400 (90080217)	33.88263 (90060420)	29.86651 (90072207)
-157.0 |	64.87169 (90120110)	55.40127 (90022310)	46.63052 (90072317)	38.96026 (90110919)	28.70135 (90040508)
-257.0 |	49.60952 (90070219)	50.36256 (90102614)	41.93923 (90111006)	33.49879 (90092209)	29.68355 (90082404)
-357.0 |	40.61219 (90040316)	40.31302 (90111708)	34.86295 (90052917)	31.79396 (90052821)	28.11309 (90101720)
-457.0 |	31.70542 (90021902)	31.91087 (90050618)	30.94936 (90090708)	28.24350 (90021010)	23.77838 (90040120)
-557.0 |	28.27569 (90092816)	28.10838 (90102210)	26.89374 (90082507)	25.23517 (90032507)	21.58318 (90070305)
-657.0 |	24.92836 (90021614)	24.41150 (90092608)	24.22761 (90120916)	22.94226 (90033103)	21.91661 (90100415)
-757.0 |	21.74637 (90021614)	20.98311 (90120705)	21.70448 (90121901)	20.43956 (90073007)	20.11816 (90042307)
-857.0 |	19.61939 (90062606)	18.01596 (90052406)	19.84582 (90100419)	18.19537 (90021908)	17.76303 (90012609)
-957.0 |	17.76643 (90062606)	16.02662 (90052406)	17.57713 (90041819)	15.37309 (90120916)	14.77039 (90061908)
-1057.0 |	15.83032 (90062606)	14.07804 (90052406)	14.62300 (90100208)	14.14733 (90021615)	14.75290 (90071808)
-1157.0 |	14.02887 (90062606)	12.33578 (90052406)	12.82061 (90041919)	13.52161 (90121901)	12.02530 (90071808)
-1257.0 |	12.52298 (90101209)	11.00328 (90012920)	12.01225 (90061119)	12.03123 (90100419)	10.79733 (90111923)
-1357.0 |	11.20525 (90101209)	11.30315 (90012920)	11.12345 (90050801)	11.12407 (90100206)	11.19565 (90032523)

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1990 Met

11/23/99

*** Revised building height = 38'

06:15:34

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**MODELOPTs: CONC

RURAL FLAT

DFAULT

*** THE 2ND HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO

IN MICROGRAMS/M**3

**

Y-COORD (METERS)	X-COORD (METERS)				
	514.00	614.00	714.00	814.00	914.00
1043.0	10.05488 (90112417)	9.79386 (90010923)	11.63316 (90060702)	10.58554 (90063002)	10.39167 (90022221)
943.0	11.62763 (90061718)	10.46279 (90081724)	10.42004 (90020721)	9.69500 (90040521)	10.25124 (90090520)
843.0	10.56424 (90061718)	10.99839 (90072120)	9.75052 (90071204)	9.96871 (90070505)	10.43809 (90070521)
743.0	12.23674 (90042319)	9.92728 (90032320)	10.61369 (90053019)	10.40253 (90060623)	11.58588 (90062223)
643.0	13.79735 (90012217)	11.38429 (90090618)	10.61025 (90040618)	10.54768 (90062223)	10.95382 (90092620)
543.0	13.98123 (90090618)	12.93745 (90040618)	11.84625 (90062107)	11.56635 (90062519)	10.70935 (90091518)
443.0	16.26652 (90092618)	13.40906 (90062107)	13.51668 (90062519)	12.57034 (90101802)	12.16541 (90033118)
343.0	16.72927 (90091718)	15.65673 (90062519)	16.11656 (90101802)	13.59220 (90020406)	11.29996 (90020406)
243.0	19.00906 (90082317)	18.47963 (90101802)	17.01991 (90020406)	14.22817 (90041708)	12.10300 (90082418)
143.0	23.39973 (90020406)	20.03409 (90052319)	16.95650 (90082418)	14.41892 (90070919)	13.97358 (90090908)
43.0	24.19432 (90063024)	21.89069 (90090908)	18.52305 (90061719)	15.49917 (90072207)	12.75192 (90072207)
-57.0	25.43285 (90070721)	21.01482 (90051719)	17.87913 (90090418)	15.76499 (90061606)	14.26060 (90102818)
-157.0	24.11001 (90041021)	20.74198 (90041021)	17.60142 (90041021)	14.95899 (90041021)	12.80696 (90041021)
-257.0	25.49147 (90070607)	22.83450 (90042206)	20.04348 (90040208)	17.67517 (90081917)	15.21042 (90062309)
-357.0	25.13262 (90061710)	21.19936 (90071407)	17.18836 (90081508)	18.49271 (90071815)	14.85280 (90081308)
-457.0	21.63582 (90082303)	21.38641 (90081607)	18.46777 (90010603)	16.24227 (90071407)	12.30769 (90010816)
-557.0	19.91466 (90112316)	19.17202 (90071306)	14.16031 (90012510)	15.18477 (90081607)	13.31713 (90010603)
-657.0	17.90093 (90101218)	16.04850 (90112316)	17.02307 (90042204)	11.82767 (90042204)	11.50455 (90081607)
-757.0	19.36860 (90092108)	16.14932 (90101218)	13.01751 (90070206)	14.20944 (90040120)	10.97393 (90071306)
-857.0	16.92388 (90011017)	16.85093 (90092108)	14.11844 (90101218)	11.15134 (90070206)	11.54339 (90071306)
-957.0	15.43703 (90042216)	15.60156 (90080606)	13.63809 (90070305)	12.31352 (90101218)	10.69774 (90081124)
-1057.0	13.67472 (90012609)	13.01426 (90011017)	12.72910 (90092419)	11.58528 (90070305)	11.23472 (90121020)
-1157.0	11.31142 (90033103)	12.04190 (90042216)	12.55688 (90092419)	12.45381 (90011208)	11.36816 (90111220)
-1257.0	11.05661 (90111924)	10.94617 (90033103)	10.98976 (90053003)	12.22276 (90101524)	11.26995 (90062403)
-1357.0	11.62200 (90091802)	11.74281 (90112421)	11.70362 (90062322)	11.62783 (90030322)	11.57332 (90031901)

**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE 2ND HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	1014.00	1114.00	1214.00	1314.00	1414.00
1043.0	10.39627 (90062221)	10.44594 (90103118)	11.66251 (90012619)	10.89736 (90092620)	12.35255 (90100122)
943.0	10.69911 (90070521)	11.93987 (90103118)	11.21265 (90092620)	11.62257 (90100122)	10.43731 (90073021)
843.0	12.19598 (90103118)	11.36378 (90062201)	10.61250 (90072302)	10.17157 (90073021)	10.91871 (90032321)
743.0	11.31291 (90062201)	10.58832 (90010922)	10.38200 (90050105)	11.19661 (90080421)	10.31782 (90031820)
643.0	10.58093 (90010922)	10.07623 (90052124)	10.34312 (90022407)	11.51442 (90022323)	11.16104 (90101422)
543.0	11.00000 (90050103)	10.77684 (90033118)	11.49963 (90101422)	11.59862 (90062204)	11.62380 (90040206)
443.0	11.21778 (90032322)	10.87682 (90033121)	11.30156 (90040206)	11.00900 (90040424)	11.53870 (90071423)
343.0	10.59933 (90082202)	11.39692 (90080422)	10.72460 (90070919)	11.22523 (90032104)	10.45611 (90032104)
243.0	11.33164 (90072920)	10.79716 (90072920)	10.24645 (90022403)	10.43805 (90081423)	9.98223 (90081423)
143.0	12.31514 (90061719)	10.22171 (90041722)	10.41949 (90071421)	10.66725 (90072304)	10.78908 (90090702)
43.0	10.68429 (90061606)	10.42478 (90090821)	10.19665 (90061606)	9.85263 (90090321)	9.72165 (90052201)
-57.0	13.27044 (90090418)	11.43729 (90090418)	10.89608 (90110619)	10.66034 (90110619)	10.07599 (90110619)
-157.0	11.07336 (90041021)	9.96941 (90060723)	10.38965 (90070604)	10.67031 (90070604)	10.83519 (90070604)
-257.0	13.62022 (90060306)	13.47419 (90060306)	12.96223 (90060306)	12.26061 (90060306)	11.47849 (90060306)
-357.0	11.54061 (90071815)	11.80100 (90101807)	10.70319 (90011108)	10.58835 (90030421)	11.70926 (90091724)
-457.0	10.94856 (90071815)	12.21187 (90071815)	11.64346 (90071815)	11.38124 (90082401)	10.69091 (90073106)
-557.0	11.93161 (90013016)	10.80466 (90081805)	10.87338 (90040820)	11.51710 (90101520)	11.57702 (90090406)
-657.0	11.30713 (90010817)	10.91228 (90052824)	11.22776 (90081803)	10.23902 (90071522)	11.38004 (90081805)
-757.0	10.58033 (90040324)	11.15589 (90082501)	11.35599 (90090903)	11.58273 (90052824)	11.63148 (90081803)
-857.0	11.45836 (90120924)	11.39830 (90121023)	10.44039 (90061501)	11.30108 (90070602)	11.46788 (90090903)
-957.0	11.11652 (90090805)	11.11441 (90031801)	10.96262 (90070804)	11.68083 (90040324)	10.65339 (90121021)
-1057.0	11.16912 (90081522)	11.53669 (90030422)	10.70856 (90081204)	11.02884 (90120924)	11.72104 (90121023)
-1157.0	11.27990 (90060807)	11.49649 (90081522)	11.58451 (90081505)	10.66054 (90030422)	12.06891 (90070804)
-1257.0	11.44808 (90092102)	11.28196 (90081704)	11.59841 (90081522)	12.44081 (90081505)	11.39669 (90081204)
-1357.0	11.51876 (90062524)	11.62012 (90092102)	11.40050 (90081704)	11.53927 (90081522)	11.85089 (90082221)

**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS) |	-986.00	-886.00	X-COORD (METERS) -786.00	-686.00	-586.00
1043.0 |	2.11602 (90011924)	2.65231 (90031416)	3.34367 (90050408)	2.86783 (90050408)	2.65709c(90051524)
943.0 |	2.44408 (90020316)	2.31781 (90011924)	2.94868 (90031416)	3.44559 (90050408)	3.11693 (90100408)
843.0 |	2.68479c(90122008)	2.77695 (90020316)	2.54322 (90011924)	3.21465 (90031416)	3.43114 (90050408)
743.0 |	2.61877 (90020916)	3.05135c(90122008)	3.19569 (90020316)	3.04023 (90031416)	3.74326 (90050408)
643.0 |	5.91688 (90110424)	2.95955 (90020916)	3.49800c(90122008)	3.73006 (90020316)	3.73689 (90031416)
543.0 |	3.26343 (90031108)	5.50998 (90110424)	3.40491 (90110424)	4.04447c(90122008)	4.44577 (90020316)
443.0 |	4.09904 (90012824)	4.04446 (90012824)	3.87513 (90110424)	4.40194 (90110424)	4.72938 (90020316)
343.0 |	4.37181 (90020224)	4.76142 (90122924)	5.38970 (90012824)	5.03007 (90031108)	5.05154 (90031124)
243.0 |	4.92142 (90020224)	5.67541 (90020224)	6.05744 (90020224)	6.73182 (90122924)	7.17852 (90012824)
143.0 |	4.73457 (90112624)	5.83202 (90011724)	6.60237 (90011724)	8.09414 (90020224)	9.15052 (90020224)
43.0 |	4.25808 (90010516)	4.48633 (90020216)	5.41170 (90020216)	7.29438 (90112624)	9.71769 (90112624)
-57.0 |	4.69948 (90112524)	4.68611 (90020624)	5.49657 (90010516)	6.58258 (90010516)	7.64613 (90010516)
-157.0 |	5.02095 (90122724)	5.78127 (90122724)	6.77583 (90122724)	8.04717 (90122724)	9.69398 (90122724)
-257.0 |	3.54271 (90020108)	3.81331 (90020108)	4.33403 (90102108)	5.24355 (90102108)	6.15202 (90102108)
-357.0 |	3.91664 (90011508)	4.24414 (90032908)	4.54639 (90032908)	4.38706 (90032316)	5.66456 (90122708)
-457.0 |	3.86451 (90021624)	3.89532 (90021624)	4.02149 (90102024)	5.13373 (90102024)	4.00094 (90041916)
-557.0 |	4.10615 (90102024)	4.67159 (90102024)	3.47723 (90111508)	3.88938c(90033024)	4.96728c(90033024)
-657.0 |	3.08689 (90111508)	3.30289c(90113024)	3.71757c(90033024)	4.60500 (90120108)	5.18534 (90120108)
-757.0 |	3.30240c(90113024)	3.06630 (90120108)	4.67431 (90120108)	4.35100c(90112108)	4.39724 (90122708)
-857.0 |	3.53793 (90120108)	4.25109 (90120108)	4.44014 (90103108)	3.54545 (90122708)	2.74440 (90111408)
-957.0 |	4.33628c(90112108)	4.42541 (90103108)	2.97322 (90122808)	2.65486 (90111408)	6.12412 (90022808)
-1057.0 |	4.22532 (90103108)	3.19668 (90122808)	2.74813 (90052508)	6.22758 (90022808)	3.38177 (90111608)
-1157.0 |	3.33319 (90122808)	2.81168 (90122808)	5.72856 (90022808)	4.02562 (90022808)	2.80087c(90112208)
-1257.0 |	2.98334 (90122808)	4.98672 (90022808)	5.19606 (90022808)	2.28225 (90111608)	3.68292c(90110108)
-1357.0 |	4.22126 (90022808)	5.94081 (90022808)	2.98585 (90111608)	3.16000c(90112208)	3.81693c(90022724)

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1990 Met
*** Revised building height = 38'

*** 11/23/99
*** 06:15:34
PAGE 20

**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | -486.00 -386.00 -286.00 -186.00 -86.00

1043.0 |	2.74198c(90010508)	2.53980 (90060124)	2.88769c(90043024)	3.54484 (90061324)	3.37848 (90051624)
943.0 |	3.38092c(90051524)	3.08244 (90061324)	2.65706 (90121724)	3.91786 (90061324)	3.60539 (90051624)
843.0 |	2.92572 (90100408)	2.99367 (90122124)	2.93295 (90060124)	3.77918 (90061324)	3.81390c(90050224)
743.0 |	3.42837 (90050408)	3.70185c(90051524)	3.85312 (90060124)	3.42652 (90121724)	4.01933c(90050224)
643.0 |	4.12694 (90050408)	3.52074 (90100408)	4.19328 (90122124)	4.00251 (90121724)	4.07699 (90051924)
543.0 |	4.63261 (90031416)	4.55024 (90122016)	4.25727 (90122124)	5.14056 (90060124)	4.82786 (90121724)
443.0 |	5.54465 (90011924)	5.64531 (90031416)	5.30368 (90070424)	6.67156 (90060124)	6.01767 (90121724)
343.0 |	5.88150 (90020316)	7.23761 (90011924)	7.18995 (90122016)	6.91592 (90122124)	7.15497 (90121724)
243.0 |	6.46471 (90011716)	7.48353 (90020916)	9.62607 (90011924)	9.44231 (90122016)	11.24998 (90060124)
143.0 |	10.36305 (90122924)	9.37814 (90021508)	9.76774 (90011808)	13.67623 (90031416)	12.41603 (90122124)
43.0 |	11.58290 (90020224)	14.83992 (90020224)	17.14221 (90122924)	15.37245 (90011716)	24.85142 (90031416)
-57.0 |	8.62019 (90011616)	12.27256 (90011616)	19.59523 (90112624)	21.93413 (90112624)	22.97455 (90110908)
-157.0 |	11.81839 (90122724)	14.45528 (90122724)	17.24535 (90122724)	18.44832 (90022116)	24.25062 (90022116)
-257.0 |	6.67920 (90102108)	7.54705c(90010224)	10.21415 (90122708)	9.70844c(90092516)	9.68053 (90103116)
-357.0 |	5.69937 (90122708)	5.40385 (90041916)	8.18431c(90033024)	11.43237 (90122708)	10.69491 (90021716)
-457.0 |	5.83387c(90033024)	6.51256 (90120108)	9.56711 (90122708)	6.58310 (90092916)	10.05917 (90010708)
-557.0 |	6.05325 (90120108)	7.31102 (90122708)	5.02624 (90021824)	6.94588 (90010616)	11.00876 (90123124)
-657.0 |	5.60510 (90122708)	4.05549c(90060908)	4.85975 (90021716)	7.01525 (90010708)	7.01326c(90070824)
-757.0 |	3.30739c(90060908)	3.72177c(90110108)	4.59553 (90010616)	6.66524 (90123124)	6.14160 (90010624)
-857.0 |	4.98526 (90022808)	3.41242c(90110108)	4.71657 (90010708)	5.96599 (90041508)	5.02152 (90111324)
-957.0 |	2.82983c(90110108)	3.33345c(90110108)	4.06616 (90122608)	5.28722c(90070824)	5.11806 (90111324)
-1057.0 |	3.65888c(90110108)	4.10283c(90022724)	4.11894 (90041508)	3.97420c(90070824)	4.96221 (90111324)
-1157.0 |	3.34309c(90022724)	3.39729 (90122608)	4.07527c(90070824)	3.81789 (90111324)	4.62703 (90111324)
-1257.0 |	4.45419c(90022724)	3.07196 (90122608)	3.93601c(90070824)	3.98368 (90071724)	4.19878 (90111324)
-1357.0 |	3.60432 (90090208)	3.00937 (90100108)	3.26087c(90070824)	3.99722 (90071724)	4.05095c(90072908)

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1990 Met
*** Revised building height = 38'

*** 11/23/99
*** 06:15:34
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**MODELOPTs: CONC RURAL FLAT DEFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	14.00	114.00	X-COORD (METERS) 214.00	314.00	414.00
1043.0	3.47442c(90092724)	2.97910 (90122316)	2.98801c(90050208)	3.54591c(90050124)	3.46285c(90012224)
943.0	3.94182 (90051624)	3.20451 (90122316)	3.22455c(90050208)	3.31109c(90050124)	4.20361c(90043008)
843.0	4.58105 (90051624)	3.47085 (90122316)	4.07214c(90050124)	3.53214 (90052008)	3.94779c(90043008)
743.0	5.48328 (90051624)	3.81463 (90122316)	4.99029c(90050124)	4.13843 (90052008)	4.81332c(90082724)
643.0	6.69283 (90051624)	4.44847 (90122308)	5.73957c(90050124)	4.41055 (90012424)	4.88746 (90012508)
543.0	8.32086 (90051624)	5.67478 (90122308)	5.88656c(90050124)	5.81506c(90082724)	6.11495c(90050208)
443.0	10.49284 (90051624)	7.42026 (90122308)	7.10895 (90052008)	7.41880 (90012508)	7.11947 (90121316)
343.0	13.26077 (90051624)	9.89691 (90122308)	8.94711 (90012424)	8.23929 (90012508)	5.26340 (90012024)
243.0	16.10379 (90051624)	13.04193 (90122308)	11.40970 (90012508)	10.80392 (90121316)	7.70739 (90021008)
143.0	16.29062 (90051624)	14.69703 (90122308)	15.72873 (90012508)	11.31511 (90021008)	7.81537 (90051708)
43.0	23.72618 (90051616)	20.88222 (90012424)	16.20193 (90021008)	13.28022 (90051716)	8.87061 (90020408)
-57.0	21.87725 (90051416)	26.16605 (90012508)	19.02530 (90051716)	8.90536c(90032724)	7.54378 (90080624)
-157.0	18.59405 (90022116)	16.35583 (90022316)	10.57792 (90070616)	8.68594 (90040508)	7.02822 (90040508)
-257.0	12.23732 (90072816)	27.23164 (90020424)	17.00660 (90030308)	14.66801 (90052816)	8.29805 (90022316)
-357.0	14.82136 (90072816)	23.07353 (90120416)	19.04108 (90020416)	17.52733 (90030308)	13.00382 (90010808)
-457.0	10.77849 (90022516)	13.79134 (90101024)	18.38267 (90101208)	11.37248 (90122324)	11.22108 (90030308)
-557.0	10.07828 (90120516)	11.52976 (90050624)	11.17494 (90120816)	10.13355 (90101208)	8.23135 (90122324)
-657.0	9.07756 (90120516)	9.09061 (90092308)	10.38569 (90102308)	11.66137 (90101208)	6.35485 (90020416)
-757.0	7.64416 (90120516)	7.65550 (90092308)	8.96805 (90102308)	7.14590c(90012108)	7.60388 (90101208)
-857.0	6.32898 (90120516)	6.51978 (90112824)	6.46351 (90102308)	5.75293 (90041508)	7.54538 (90101208)
-957.0	5.35489c(90112308)	5.93699 (90112824)	5.71604 (90100424)	5.44783 (90102308)	5.42332 (90073008)
-1057.0	4.75847c(90112308)	5.34864 (90112824)	5.69632 (90050624)	5.22885 (90102308)	4.83424 (90081208)
-1157.0	4.67721 (90052408)	4.82668 (90112824)	5.51751 (90050624)	5.20949 (90092324)	3.67869c(90111208)
-1257.0	4.60811 (90052408)	4.38611 (90112824)	5.09468 (90050624)	4.67635 (90092324)	3.60609c(90121008)
-1357.0	4.48449 (90052408)	3.99933 (90112824)	4.57168 (90050624)	4.58242 (90110708)	3.62855 (90092324)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	514.00	614.00	X-COORD (METERS) 714.00	814.00	914.00
1043.0	3.37675c(90082724)	3.57453c(90050208)	3.55029c(90042124)	2.47120 (90121316)	2.40253 (90022224)
943.0	3.99491c(90082724)	3.97927c(90050208)	2.97032 (90121316)	2.45837 (90071224)	3.05574c(90090824)
843.0	4.12206c(90050208)	3.73479c(90042124)	2.80927 (90121316)	2.97709c(90090824)	3.75632 (90062224)
743.0	4.81063c(90050208)	3.76983 (90121316)	2.98136c(90090824)	3.80228 (90062224)	3.24086 (90062224)
643.0	4.63077 (90121316)	3.10802c(90090824)	3.81700 (90062224)	3.27473 (90062224)	2.93721 (90091524)
543.0	4.78680 (90121316)	3.66582 (90062224)	3.65874 (90040524)	3.39386 (90091524)	4.00217 (90091524)
443.0	4.02692 (90051708)	4.17716 (90040524)	3.89464 (90091524)	3.83075 (90091524)	3.35444 (90073024)
343.0	5.30460 (90021008)	4.91722 (90051708)	3.52709 (90051716)	3.70264 (90061708)	3.73241c(90033124)
243.0	6.30189 (90051708)	4.95763 (90051716)	4.96813 (90020408)	3.62441c(90033124)	3.21156c(90070924)
143.0	7.26658 (90020408)	5.47659 (90063024)	4.41049c(90070924)	3.53909c(90032724)	4.08439c(90022408)
43.0	5.84370c(90070924)	6.01988c(90032724)	5.27128c(90032724)	3.97287c(90032724)	2.68196 (90083008)
-57.0	5.87330 (90070724)	5.07681 (90070724)	4.01579 (90070724)	3.44403 (90070624)	3.43244 (90070624)
-157.0	5.72548 (90040508)	4.82570 (90040508)	4.18185 (90040508)	3.68869 (90040508)	3.29133 (90040508)
-257.0	6.44108 (90022316)	3.81090c(90040208)	4.20042c(90042208)	4.43813c(90042208)	4.27152c(90042208)
-357.0	7.19439 (90052816)	4.74654 (90012516)	4.23116c(90081508)	3.15135c(90081308)	2.60400 (90022316)
-457.0	7.82150 (90010808)	7.18532 (90010808)	4.23649 (90052816)	3.51273 (90062324)	3.21778c(90081508)
-557.0	7.43304 (90030308)	5.92964 (90031708)	5.47946 (90010808)	4.41658 (90010808)	3.10003 (90052816)
-657.0	5.96707 (90122324)	5.22998 (90030308)	5.06248 (90031708)	3.80284 (90010808)	3.79116 (90010808)
-757.0	5.53187c(90112316)	4.50354 (90122324)	4.36723 (90070208)	4.09201 (90031708)	3.07895c(90081408)
-857.0	5.60387 (90012124)	4.47843c(90112316)	3.53598 (90122324)	3.72321 (90070208)	3.46329 (90070208)
-957.0	5.50784c(90042308)	4.52108 (90012124)	3.76899c(90121108)	2.95848 (90122324)	3.21469 (90070208)
-1057.0	5.57508c(90021108)	5.30904 (90012124)	3.68347 (90102224)	3.87572c(90121108)	2.56991 (90122324)
-1157.0	4.92147 (90073008)	4.58666c(90042308)	5.23184 (90012124)	3.56669 (90102224)	3.74426c(90121108)
-1257.0	5.44476 (90081208)	5.86046c(90021108)	4.40408 (90012124)	4.24993 (90012124)	3.37869c(90121108)
-1357.0	3.93658 (90081208)	4.38544 (90073008)	4.94855c(90021108)	5.02491 (90012124)	3.32314 (90012124)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	1014.00	1114.00	1214.00	1314.00	1414.00
1043.0	3.17370 (90062224)	3.66168 (90062224)	3.02659 (90062224)	2.63004c(90012624)	3.16567 (90091524)
943.0	3.70940 (90062224)	3.11344 (90062224)	2.65198c(90012624)	3.43885 (90091524)	2.90739 (90091524)
843.0	3.18644 (90062224)	2.67128 (90011124)	3.69292 (90091524)	2.88704c(90050108)	2.70958c(90050108)
743.0	2.78770 (90011124)	3.89796 (90091524)	2.96563c(90050108)	2.78375c(90080424)	3.17630 (90073024)
643.0	4.01420 (90091524)	2.86404c(90050108)	3.22006 (90073024)	2.98786c(90031824)	2.86970c(90033124)
543.0	2.85399c(90080424)	3.37797 (90073024)	3.09950 (90061708)	3.78948c(90033124)	3.33794c(90033124)
443.0	3.59776 (90061708)	3.80950c(90033124)	3.51852c(90033124)	2.63900c(90091724)	3.23799c(90091724)
343.0	3.64479c(90033124)	2.78692c(90091724)	3.04474c(90091724)	2.49966c(90022408)	3.93547c(90022408)
243.0	2.67819c(90070924)	3.51163c(90022408)	4.63586c(90022408)	4.02356c(90022408)	2.87470c(90032724)
143.0	3.85011c(90032724)	3.53089c(90032724)	2.93152c(90032724)	2.57956 (90083008)	3.05460 (90083008)
43.0	3.03654 (90083008)	2.64889 (90083008)	2.49984 (90090324)	2.59854 (90090324)	2.46528 (90090324)
-57.0	3.31259 (90070624)	3.13502 (90070624)	2.93092 (90070624)	2.71455 (90070624)	2.50188 (90070624)
-157.0	3.01544 (90070608)	3.13436 (90070608)	3.19388 (90070608)	3.22055 (90070608)	3.22184 (90070608)
-257.0	3.94248c(90042208)	3.57897c(90042208)	3.23962c(90042208)	3.23945 (90111624)	3.15268 (90111624)
-357.0	2.49986c(90011108)	2.42434c(90011108)	2.55830c(90071324)	2.62891c(90071324)	2.55964c(90042208)
-457.0	3.54370c(90081508)	3.09199c(90081508)	2.29239c(90081508)	2.52423c(90011108)	2.85364c(90011108)
-557.0	3.54311 (90082908)	2.54146 (90111624)	3.07676c(90061908)	3.46483c(90061908)	2.77964c(90081508)
-657.0	3.07778 (90010808)	3.31464c(90061908)	3.64491 (90082908)	3.10360 (90082908)	2.59583c(90061908)
-757.0	3.52829c(90012608)	2.83451c(90012608)	2.65568c(90012608)	3.45408c(90061908)	3.43802c(90061908)
-857.0	3.03290 (90012524)	2.76877c(90012608)	3.48746c(90012608)	2.65268c(90012608)	2.51497c(90012608)
-957.0	3.33661 (90070208)	2.93356 (90012524)	3.20512c(90092208)	3.56919c(90012608)	3.06745c(90012608)
-1057.0	2.80965 (90070208)	3.13230 (90070208)	2.72836 (90012524)	3.15492c(90081408)	2.78554c(90012608)
-1157.0	2.58682 (90100208)	2.73153c(90092208)	2.90174 (90070208)	2.47512 (90012524)	2.69580c(90081408)
-1257.0	3.53392c(90121108)	2.58140 (90100208)	2.67911c(90092208)	2.67215 (90070208)	2.24837 (90070208)
-1357.0	3.86750c(90121108)	3.30850c(90121108)	2.53815 (90100208)	2.60274c(90092208)	2.45644 (90070208)

**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE 2ND HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-986.00	-886.00	X-COORD (METERS) -786.00	-686.00	-586.00
1043.0	1.93965 (90030208)	2.42022 (90051424)	2.83771 (90100224)	2.72070 (90100408)	2.45787 (90042524)
943.0	2.25683 (90011924)	2.12878 (90030208)	2.68020 (90051424)	2.72696 (90100224)	2.82251 (90050408)
843.0	2.48794 (90020316)	2.58319 (90011924)	2.50423 (90031416)	3.08263 (90050408)	2.71344 (90122016)
743.0	2.48622 (90011808)	2.84366 (90020316)	3.00761 (90011924)	2.78193 (90011924)	3.36528 (90031416)
643.0	2.92604 (90031124)	2.85950 (90011808)	3.29671 (90020316)	3.57186 (90011924)	3.00394 (90011924)
543.0	2.81299 (90050308)	3.46572 (90031124)	3.32824 (90011808)	3.88482 (90020316)	4.36431 (90011924)
443.0	3.86650 (90122924)	3.96011 (90031108)	3.85966 (90031124)	3.91450 (90011808)	4.72262c(90122008)
343.0	3.58220 (90122924)	3.99664 (90012824)	4.84908 (90122924)	4.39493 (90021508)	5.03039 (90011716)
243.0	4.72556 (90112708)	4.26487 (90112708)	4.74718 (90123008)	5.65391 (90012824)	6.51640 (90021508)
143.0	4.51321 (90011724)	5.52302 (90112624)	6.31396 (90020224)	6.63265 (90112708)	6.88975 (90123008)
43.0	4.18593 (90011624)	4.42072 (90011616)	5.21307 (90011616)	6.31557 (90011724)	9.64392 (90011724)
-57.0	4.34267 (90020624)	4.61973 (90122816)	4.98738 (90122816)	5.58503 (90122824)	6.68573 (90122824)
-157.0	3.82364 (90020108)	4.40756 (90020108)	5.17031 (90020108)	6.14689 (90020108)	7.41587 (90020108)
-257.0	3.44279c(90010316)	3.70476c(90010316)	4.11209 (90020108)	4.93184 (90122908)	6.04056 (90122908)
-357.0	3.71872c(90121424)	3.28708 (90042508)	4.01117 (90042508)	4.21896 (90042508)	5.12892 (90032316)
-457.0	2.89334 (90032316)	3.35808 (90122708)	3.53348 (90122708)	4.00090 (90041916)	3.80951 (90102024)
-557.0	2.70685 (90030608)	3.14628 (90041916)	3.21670 (90102024)	3.66924 (90032908)	4.30253 (90120108)
-657.0	2.72028 (90102024)	2.72279 (90032908)	3.18447 (90011824)	3.50257c(90062808)	4.91007c(90033108)
-757.0	3.04760 (90011824)	3.01471c(90062508)	3.76087c(90112108)	4.29128 (90120108)	4.09945 (90071808)
-857.0	2.68368 (90011824)	4.24107c(90112108)	3.94215c(90112108)	3.40015 (90071808)	2.71154c(90060908)
-957.0	3.77038 (90011824)	3.87879c(90112208)	2.95929 (90122708)	2.64341 (90052508)	3.42728c(90110108)
-1057.0	3.80446c(90112208)	2.79867 (90010208)	2.56052 (90122808)	3.22336 (90110324)	2.97122c(90110108)
-1157.0	2.74365 (90010208)	2.76012 (90052508)	3.46067 (90110324)	3.81582 (90111608)	2.68291c(90110108)
-1257.0	2.71227 (90052508)	3.51892 (90110324)	3.60792 (90111608)	2.22391c(90110108)	3.30505c(90112208)
-1357.0	3.45060 (90110324)	3.28560c(90110108)	2.33704c(90110108)	2.95007c(90110108)	2.53223c(90110108)

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1990 Met
*** Revised building height = 38'

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*** 06:15:34
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**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 2ND HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	-486.00	-386.00	X-COORD (METERS) -286.00	-186.00	-86.00
1043.0	2.39652c(90051524)	2.35289c(90031024)	2.41488 (90031224)	2.47565 (90112808)	3.15183c(90050224)
943.0	2.37561c(90052524)	2.84923 (90060124)	2.63934 (90031224)	2.56698 (90121724)	3.50485c(90050224)
843.0	2.69730c(90051524)	2.63590c(90010508)	2.89431 (90121724)	3.35923c(90043024)	3.79549 (90051624)
743.0	3.40980 (90100408)	2.91225 (90122124)	3.48022c(90031024)	3.29580c(90043024)	3.94381 (90051624)
643.0	3.71524 (90122016)	3.44340 (90070424)	3.99802 (90060124)	3.58239 (90031324)	3.95121c(90050224)
543.0	3.71744c(90020324)	4.27055 (90050408)	4.08492c(90051524)	4.50402c(90031024)	4.72173 (90051616)
443.0	5.42290 (90020316)	4.90169c(90020324)	4.68808 (90122016)	6.39456 (90122124)	5.52404 (90051616)
343.0	5.76122 (90020916)	6.63693 (90020316)	6.35048 (90012016)	5.36439 (90120308)	5.61724 (90051616)
243.0	6.27987 (90031124)	7.43869 (90020316)	7.98248 (90030208)	9.11430 (90070424)	9.88006 (90122124)
143.0	8.48096 (90012824)	8.51536 (90122208)	9.51607 (90020316)	12.31859 (90011924)	9.82212 (90012316)
43.0	11.44652 (90011724)	10.36042 (90123008)	15.39319 (90021508)	14.23596 (90050324)	17.75540 (90042616)
-57.0	8.53015 (90102116)	11.56474 (90102116)	15.85450 (90011724)	21.63085 (90020116)	22.45200 (90021508)
-157.0	9.06476 (90020108)	11.14801 (90020108)	13.48572 (90020108)	17.85679 (90122724)	14.99340 (90041908)
-257.0	6.57798 (90122908)	6.93055 (90032316)	10.08853 (90032316)	7.38812 (90071916)	9.03134 (90090216)
-357.0	5.21120 (90102024)	5.17220 (90120208)	8.18070 (90120208)	8.31001 (90120108)	8.73562 (90092916)
-457.0	5.46920 (90120208)	5.47372c(90033024)	7.17822 (90071808)	5.43113c(90060908)	9.74315 (90011316)
-557.0	5.68167c(90033108)	6.11045 (90071808)	4.90350c(90060908)	6.04551c(90092824)	9.11475 (90041508)
-657.0	5.00657 (90071808)	4.03511 (90021824)	3.98503 (90021808)	5.68914 (90010616)	6.97715 (90010624)
-757.0	3.15014 (90021824)	3.23386c(90062908)	4.32957c(90092824)	5.63465 (90041508)	4.71689 (90111116)
-857.0	3.62583c(90110108)	3.06533 (90010616)	3.98152c(90060508)	5.68368 (90123124)	4.80768 (90010624)
-957.0	2.54129 (90021716)	3.27660c(90092824)	4.04765 (90123124)	4.38888 (90041508)	3.86509 (90121916)
-1057.0	3.23606c(90112208)	3.37651c(90060508)	4.03974 (90123124)	3.71244 (90010624)	3.50407 (90121916)
-1157.0	2.93751c(90110108)	3.10826 (90090208)	3.88045 (90041508)	3.50946 (90010624)	3.30153 (90071708)
-1257.0	3.49989 (90090208)	2.90277 (90123124)	3.42531c(90111908)	3.89747 (90111324)	3.69465c(90072908)
-1357.0	2.93177c(90022724)	3.00378 (90041508)	2.88019c(90033108)	3.72110 (90111324)	3.76316 (90111324)

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1990 Met
*** Revised building height = 38'

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*** 06:15:34
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**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE 2ND HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	14.00	114.00	214.00	314.00	414.00
1043.0 |	3.44776 (90051624)	2.82954c(90073108)	2.89335c(90052624)	2.28323 (90052008)	3.28746c(90043008)
943.0 |	3.75753c(90062924)	3.03895c(90073108)	3.22035c(90050124)	2.88098 (90052008)	2.75739 (90012424)
843.0 |	4.19284c(90062924)	3.24186c(90073108)	3.51116 (90122308)	3.20896 (90012424)	3.67874c(90082724)
743.0 |	4.75366c(90062924)	3.65561 (90012908)	3.78391 (90122308)	3.94484 (90012424)	3.56056 (90012508)
643.0 |	5.43937c(90062924)	4.27139 (90122316)	3.87328 (90122308)	4.40732 (90052008)	4.85913c(90082724)
543.0 |	6.25518c(90062924)	4.78264 (90122316)	5.08986 (90052008)	4.42123c(90082124)	5.10216 (90012508)
443.0 |	7.13488c(90062924)	5.30876 (90012908)	6.93289 (90012424)	6.55047c(90082724)	6.54502 (90012024)
343.0 |	7.80026c(90062924)	6.66393c(90072124)	8.46939 (90052008)	8.20837c(90050208)	5.15545 (90121316)
243.0 |	9.26414 (90051924)	8.61773c(90072124)	9.28194c(90082724)	9.85173 (90012024)	6.71186 (90040624)
143.0 |	14.62940 (90051616)	12.63222 (90121416)	13.44504 (90012024)	9.30005 (90040624)	6.86215 (90051716)
43.0 |	17.12933 (90042116)	15.86645 (90040616)	13.61082 (90072216)	10.94357 (90011116)	8.76026 (90063024)
-57.0 |	15.02488 (90031424)	18.62018 (90042916)	14.06723 (90071416)	8.54636 (90071416)	7.10311 (90062316)
-157.0 |	9.94928 (90090116)	7.48986 (90061924)	9.40117 (90070216)	7.40829 (90070216)	4.81391 (90070216)
-257.0 |	11.28726 (90102616)	22.20107 (90120408)	15.58541 (90031708)	10.96328c(90010916)	6.33889 (90010724)
-357.0 |	13.69810 (90111116)	18.80713 (90101024)	18.47022 (90011216)	16.22202 (90031708)	8.51515 (90111008)
-457.0 |	9.51262 (90111116)	13.29069 (90102816)	13.53414 (90050524)	9.80703 (90011216)	10.02005 (90031708)
-557.0 |	9.27539 (90120716)	10.42500 (90010116)	10.58447 (90050524)	7.88901 (90020424)	6.82225c(90112316)
-657.0 |	7.92209 (90120716)	8.97395 (90050624)	9.77724 (90120416)	7.60711 (90050524)	6.16560c(90112316)
-757.0 |	6.46715 (90120716)	6.96393 (90112824)	6.47611 (90050608)	6.89645 (90050524)	6.22266c(90042308)
-857.0 |	5.92887c(90112308)	6.30608 (90092308)	6.44559c(90040216)	5.29452 (90120416)	5.70763 (90102424)
-957.0 |	5.25462 (90120516)	5.18546 (90092308)	5.52950c(90040216)	5.03587 (90041508)	5.20806 (90081208)
-1057.0 |	4.62263 (90052408)	4.62172 (90021924)	5.23085 (90100424)	4.77553 (90092324)	4.36024 (90073008)
-1157.0 |	4.20344c(90112308)	4.14237 (90021924)	4.65185 (90111108)	4.49082 (90102308)	3.58591 (90041508)
-1257.0 |	3.76946 (90040724)	4.03161c(90071608)	4.04927 (90111108)	4.13517 (90032608)	3.54732 (90062408)
-1357.0 |	3.60607 (90040724)	3.95185c(90071608)	3.37646 (90010108)	4.33672 (90032608)	3.61948 (90092608)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE 2ND HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 , ***

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS) |	514.00	614.00	X-COORD (METERS) 714.00	814.00	914.00
1043.0 |	2.79057c(90043008)	3.18256c(90082724)	2.99726c(90050208)	2.16811 (90012024)	2.29009c(90090824)
943.0 |	2.92754 (90012508)	3.02659c(90042124)	2.66288 (90012024)	2.27709c(90090824)	3.02048 (90062224)
843.0 |	3.85187c(90082724)	3.34848c(90050208)	2.67201 (90071224)	2.70473 (90062224)	3.06760 (90040524)
743.0 |	3.57035 (90012508)	3.36967 (90012024)	2.54841 (90062024)	3.26299 (90040524)	2.98848c(90012624)
643.0 |	4.38627 (90012024)	3.03377 (90071224)	3.40463c(90090824)	3.24455 (90040524)	2.89056 (90011124)
543.0 |	4.40229 (90012024)	3.54740c(90090824)	3.46973 (90051708)	3.17412 (90051708)	2.88763 (90073024)
443.0 |	3.93933 (90021008)	4.16272 (90051708)	3.88996 (90051708)	3.06691 (90073024)	2.95948 (90071424)
343.0 |	5.07242 (90051708)	4.42665 (90091524)	3.46639 (90091524)	3.69737 (90020408)	3.55424 (90061708)
243.0 |	5.00502 (90050924)	4.18712 (90020408)	4.37296 (90063024)	3.61943 (90063024)	2.78553c(90091724)
143.0 |	6.47972 (90051716)	4.96951 (90022308)	3.65162 (90063024)	3.11347c(90070924)	3.84470c(90032724)
43.0 |	5.25551 (90071416)	4.21990 (90080624)	4.03330 (90080624)	3.30567 (90080624)	2.64286c(90032724)
-57.0 |	5.84831 (90062316)	4.38047 (90051724)	3.33086 (90070624)	3.09926 (90070724)	2.39515 (90070724)
-157.0 |	4.01834c(90041024)	3.45700c(90041024)	2.93357c(90041024)	2.55059 (90070608)	2.81837 (90070608)
-257.0 |	4.10533 (90070616)	3.75440 (90022316)	3.84367c(90071324)	3.63063c(90071324)	3.14122c(90071324)
-357.0 |	6.50074 (90111008)	4.52543 (90062324)	3.52285 (90080724)	3.12934 (90022316)	2.55931 (90070608)
-457.0 |	5.69524 (90031708)	4.93984 (90111008)	4.10662 (90010808)	3.14890 (90012516)	3.03195c(90111224)
-557.0 |	6.68357 (90052824)	5.04210 (90030308)	3.05676 (90111008)	3.26167 (90052816)	2.94008c(90061908)
-657.0 |	4.89298 (90102224)	5.17383 (90070208)	4.56835 (90030308)	2.84158 (90012524)	3.00210c(90012608)
-757.0 |	4.88864 (90102224)	3.64969 (90102224)	3.87985 (90030308)	3.88673 (90030308)	2.98028 (90012524)
-857.0 |	4.41439 (90102524)	4.23242 (90102224)	2.81666 (90102224)	3.04204 (90030308)	3.31326 (90031708)
-957.0 |	5.49804 (90101208)	3.63357 (90120824)	3.52218c(90112316)	2.40313c(90060808)	2.84579c(90101324)
-1057.0 |	5.48113 (90102424)	4.30298c(90042308)	3.26641 (90012124)	3.05320c(90081908)	2.53395 (90100208)
-1157.0 |	4.78092 (90081208)	4.48429c(90021108)	3.74774 (90120824)	3.15633c(90081824)	2.86335c(90081908)
-1257.0 |	4.56190 (90073008)	5.03027 (90102424)	4.27497c(90042308)	3.15248 (90120824)	3.11108 (90102224)
-1357.0 |	3.39992c(90072424)	4.19225 (90081208)	3.78439c(90042308)	3.79860 (90120824)	3.17394c(90081824)

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1990 Met.
*** Revised building height = 38'

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*** 06:15:34
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**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE 2ND HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): 1207 , GEN03 ,

*** NETWORK ID: 100METER ; NETWORK TYPE: GRIDCART ***

** CONC OF CO IN MICROGRAMS/M**3 **

Y-COORD (METERS)	1014.00	1114.00	X-COORD (METERS) 1214.00	1314.00	1414.00
1043.0	3.12546c(90090824)	2.67396 (90040524)	2.92761c(90012624)	2.48019 (90062208)	2.27266c(90012624)
943.0	2.86279 (90040524)	2.97607c(90012624)	2.54938 (90011124)	2.18027 (90072224)	2.69177c(90050108)
843.0	3.00017c(90012624)	2.64339c(90012624)	2.23615 (90072224)	2.79271 (90091524)	2.51788c(90080424)
743.0	2.59043c(90012624)	2.24681 (90072224)	2.61887 (90091524)	2.69632 (90073024)	2.65942c(90031824)
643.0	2.57176 (90073024)	2.59566 (90073024)	2.72460c(90080424)	2.96513 (90061708)	2.60556 (90061708)
543.0	2.84215 (90073024)	3.11610 (90061708)	2.72298c(90033124)	2.43649c(90121324)	2.07660 (90090624)
443.0	2.90912c(90031824)	2.84440 (90061708)	2.14866 (90022308)	2.52736c(90080424)	2.46747 (90061424)
343.0	2.66566 (90022308)	2.58162c(90080424)	2.46911 (90061424)	2.04849 (90061624)	1.93153c(90032724)
243.0	2.50285c(90091724)	2.50723c(90032724)	2.75828c(90032724)	2.90438c(90032724)	2.75008c(90022408)
143.0	3.47355c(90022408)	2.27494 (90081424)	2.20242c(90090824)	2.29862c(90090824)	2.38550c(90090824)
43.0	2.15887 (90070724)	2.08972 (90090324)	1.99203 (90062008)	2.05379 (90062008)	1.99229 (90062008)
-57.0	2.28259c(90102824)	2.28750 (90090624)	2.27109 (90090624)	2.17310 (90090624)	2.02969 (90090624)
-157.0	2.92364 (90040508)	2.64676 (90040508)	2.42176 (90040508)	2.23060 (90040508)	2.16221c(90073108)
-257.0	2.61429 (90040508)	2.99565 (90111624)	3.20831 (90111624)	2.94279c(90042208)	2.68907c(90042208)
-357.0	2.08747 (90070608)	2.27801c(90071324)	2.30951c(90042208)	2.48879c(90042208)	2.54567c(90071324)
-457.0	3.05334c(90061908)	2.41744c(90081308)	2.13905c(90081308)	2.20327 (90082408)	2.25598 (90080924)
-557.0	2.81950 (90052824)	2.46072c(90061908)	2.86054c(90111224)	3.10833c(90111224)	2.74111c(90061908)
-657.0	2.71449c(90012608)	2.65741 (90052824)	3.19097c(90061908)	2.59897 (90111624)	2.45217 (90111624)
-757.0	3.02824 (90010808)	2.83437 (90010808)	2.33672 (90010808)	2.54410 (90052824)	3.38081 (90082908)
-857.0	2.82694c(90081408)	2.68596c(90092208)	2.43022 (90010808)	2.64027 (90090808)	2.08172 (90090808)
-957.0	2.80532 (90030308)	2.75990 (90090808)	3.13275c(90081408)	2.26900c(90121024)	2.28355c(90121024)
-1057.0	2.75360c(90101324)	2.41187 (90030308)	2.58517 (90090808)	2.86103c(90092208)	2.67228c(90092208)
-1157.0	2.29519 (90122324)	2.65099c(90101324)	2.11565c(90082224)	2.36330 (90090808)	2.64914 (90090808)
-1257.0	2.87110 (90090908)	2.09323 (90122324)	2.54252c(90101324)	2.30768c(90092208)	2.21471 (90012524)
-1357.0	3.08550c(90021124)	2.90973 (90090908)	1.93861 (90122324)	2.43220c(90101324)	2.45253c(90092208)

**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE MAXIMUM 50 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): 1207 , GEN03 ,

** CONC OF CO IN MICROGRAMS/M**3 **

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR, YR)	OF TYPE	RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR, YR)	OF TYPE
1.	77.41582	(90090111)	AT (	14.00,	-157.00) GC	26.	50.45023	(90081016)	AT (	14.00,	-57.00) GC
2.	64.87169	(90120110)	AT (	14.00,	-157.00) GC	27.	50.42797	(90040315)	AT (	114.00,	-257.00) GC
3.	59.91888	(90061917)	AT (	114.00,	-157.00) GC	28.	50.36256	(90102614)	AT (	114.00,	-257.00) GC
4.	55.40127	(90022310)	AT (	114.00,	-157.00) GC	29.	50.34569	(90101019)	AT (	114.00,	-257.00) GC
5.	55.31658	(90010723)	AT (	114.00,	-157.00) GC	30.	50.23830	(90020420)	AT (	114.00,	-257.00) GC
6.	55.00383	(90070115)	AT (	114.00,	-157.00) GC	31.	50.18853	(90102516)	AT (	114.00,	-257.00) GC
7.	53.35485	(90060613)	AT (	114.00,	-157.00) GC	32.	50.18842	(90091215)	AT (	14.00,	-57.00) GC
8.	52.96136	(90041907)	AT (	14.00,	-157.00) GC	33.	50.07144	(90010802)	AT (	114.00,	-157.00) GC
9.	52.92179	(90042910)	AT (	114.00,	-57.00) GC	34.	50.06288	(90112912)	AT (	114.00,	-257.00) GC
10.	52.81892	(90022110)	AT (	14.00,	-157.00) GC	35.	49.80742	(90052021)	AT (	114.00,	-57.00) GC
11.	52.73576	(90031509)	AT (	14.00,	-57.00) GC	36.	49.80742	(90112813)	AT (	114.00,	-57.00) GC
12.	52.71267	(90022108)	AT (	14.00,	-157.00) GC	37.	49.63662	(90122008)	AT (	14.00,	-57.00) GC
13.	52.48875	(90031610)	AT (	14.00,	-57.00) GC	38.	49.60952	(90070219)	AT (	14.00,	-257.00) GC
14.	52.45851	(90021008)	AT (	114.00,	-57.00) GC	39.	49.60571	(90100615)	AT (	14.00,	-57.00) GC
15.	52.42963	(90100311)	AT (	14.00,	-57.00) GC	40.	49.59182	(90010103)	AT (	114.00,	-257.00) GC
16.	52.15491	(90070216)	AT (	114.00,	-157.00) GC	41.	49.55379	(90120814)	AT (	114.00,	-257.00) GC
17.	51.98866	(90042915)	AT (	114.00,	-57.00) GC	42.	49.41282	(90120324)	AT (	114.00,	-257.00) GC
18.	51.40957	(90031602)	AT (	14.00,	-57.00) GC	43.	49.39473	(90041416)	AT (	14.00,	-57.00) GC
19.	51.38042	(90042214)	AT (	14.00,	-257.00) GC	44.	49.37111	(90031920)	AT (	114.00,	-257.00) GC
20.	51.37218	(90061615)	AT (	114.00,	-57.00) GC	45.	49.06429	(90111009)	AT (	114.00,	-257.00) GC
21.	51.29644	(90030209)	AT (	14.00,	-57.00) GC	46.	49.04557	(90041911)	AT (	-86.00,	-157.00) GC
22.	51.19554	(90031501)	AT (	14.00,	-57.00) GC	47.	48.99139	(90052717)	AT (	114.00,	-57.00) GC
23.	51.01350	(90031510)	AT (	14.00,	-57.00) GC	48.	48.94971	(90031710)	AT (	114.00,	-257.00) GC
24.	50.79109	(90031523)	AT (	14.00,	-57.00) GC	49.	48.82738	(90022115)	AT (	-86.00,	-157.00) GC
25.	50.78607	(90040609)	AT (	114.00,	-57.00) GC	50.	48.82738	(90022116)	AT (	-86.00,	-157.00) GC

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

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1990 Met
*** Revised building height = 38'

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**MODELOPTs: CONC

RURAL FLAT DEFAULT

*** THE MAXIMUM 50 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): 1207 , GEN03

** CONC OF CO IN MICROGRAMS/M**3 **

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR, YR)	OF TYPE	RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR, YR)	OF TYPE
1.	27.23164	(90020424)	AT (	114.00,	-257.00) GC	26.	19.04108	(90020416)	AT (	214.00,	-357.00) GC
2.	26.16605	(90012508)	AT (	114.00,	-57.00) GC	27.	19.02530	(90051716)	AT (	214.00,	-57.00) GC
3.	24.85142	(90031416)	AT (	-86.00,	43.00) GC	28.	18.85455	(90100316)	AT (	-86.00,	-57.00) GC
4.	24.25062	(90022116)	AT (	-86.00,	-157.00) GC	29.	18.80713	(90101024)	AT (	114.00,	-357.00) GC
5.	23.72618	(90051616)	AT (	14.00,	43.00) GC	30.	18.62018	(90042916)	AT (	114.00,	-57.00) GC
6.	23.07353	(90120416)	AT (	114.00,	-357.00) GC	31.	18.59405	(90022116)	AT (	14.00,	-157.00) GC
7.	22.97455	(90110908)	AT (	-86.00,	-57.00) GC	32.	18.47022	(90011216)	AT (	214.00,	-357.00) GC
8.	22.45200	(90021508)	AT (	-86.00,	-57.00) GC	33.	18.44832	(90022116)	AT (	-186.00,	-157.00) GC
9.	22.20107	(90120408)	AT (	114.00,	-257.00) GC	34.	18.38267	(90101208)	AT (	214.00,	-457.00) GC
10.	22.16590	(90031424)	AT (	-86.00,	-57.00) GC	35.	18.14128	(90031216)	AT (	-86.00,	-57.00) GC
11.	21.99681	(90042716)	AT (	-86.00,	-57.00) GC	36.	17.98101	(90101716)	AT (	-86.00,	-57.00) GC
12.	21.93413	(90112624)	AT (	-186.00,	-57.00) GC	37.	17.96513	(90012716)	AT (	-86.00,	-57.00) GC
13.	21.87725	(90051416)	AT (	14.00,	-57.00) GC	38.	17.95363	(90011724)	AT (	-186.00,	-57.00) GC
14.	21.84924	(90021516)	AT (	-86.00,	-57.00) GC	39.	17.85679	(90122724)	AT (	-186.00,	-157.00) GC
15.	21.63085	(90020116)	AT (	-186.00,	-57.00) GC	40.	17.83827	(90101124)	AT (	114.00,	-257.00) GC
16.	21.22107	(90112708)	AT (	-186.00,	-57.00) GC	41.	17.81474	(90092316)	AT (	114.00,	-357.00) GC
17.	21.16478	(90042708)	AT (	-86.00,	-57.00) GC	42.	17.75540	(90042616)	AT (	-86.00,	43.00) GC
18.	20.88222	(90012424)	AT (	114.00,	43.00) GC	43.	17.63972	(90112716)	AT (	-86.00,	-57.00) GC
19.	20.71955	(90020224)	AT (	-186.00,	-57.00) GC	44.	17.55107	(90041116)	AT (	114.00,	-357.00) GC
20.	20.71536	(90030816)	AT (	-86.00,	-57.00) GC	45.	17.52733	(90030308)	AT (	314.00,	-357.00) GC
21.	20.64003	(90050908)	AT (	-86.00,	-57.00) GC	46.	17.31047	(90101816)	AT (	114.00,	-257.00) GC
22.	20.43381	(90122408)	AT (	114.00,	-257.00) GC	47.	17.24535	(90122724)	AT (	-286.00,	-157.00) GC
23.	19.80632	(90112116)	AT (	-86.00,	-57.00) GC	48.	17.14221	(90122924)	AT (	-286.00,	43.00) GC
24.	19.59523	(90112624)	AT (	-286.00,	-57.00) GC	49.	17.14138	(90040716)	AT (	114.00,	-357.00) GC
25.	19.23505	(90052516)	AT (-86.00,	-57.00) GC	50.	17.12933	(90042116)	AT (14.00,	43.00) GC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
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*** ISCST3 - VERSION 98356 *** *** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1990 Met *** 11/23/99
 *** Revised building height = 38' *** 06:15:34
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**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR	(XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	77.41582	ON 90090111: AT (	14.00, -157.00, 0.00, 0.00)	GC	100METER
	HIGH 2ND HIGH VALUE IS	64.87169	ON 90120110: AT (14.00, -157.00, 0.00, 0.00)	GC	100METER

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*** ISCST3 - VERSION 98356 *** *** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1990 Met *** 11/23/99
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**MODELOPTs: CONC

RURAL FLAT DFAULT

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

** CONC OF CO IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR	(XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	27.23164	ON 90020424: AT (	114.00, -257.00, 0.00, 0.00)	GC	100METER
	HIGH 2ND HIGH VALUE IS	22.45200	ON 90021508: AT (	-86.00, -57.00, 0.00, 0.00)	GC	100METER

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

*** ISCST3 - VERSION 98356 ***

*** FGT CS 12A ISCST Turbine 1207 & Emergency Generator 3 1990 Met ***
*** Revised building height = 38' ***

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**MODELOPTs: CONC

RURAL FLAT

DEFAULT

*** Message Summary : ISCST3 Model Execution ***

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

A Total of 0 Fatal Error Message(s)
A Total of 0 Warning Message(s)
A Total of 854 Informational Message(s)
A Total of 853 Calm Hours Identified

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

***** WARNING MESSAGES *****
*** NONE ***

*** ISCST3 Finishes Successfully ***
