AIR QUALITY DATA FOR 1968

from the National Air Surveillance Networks
and
Contributing State and Local Networks.

U.S. ENVIRONMENTAL PROTECTION AGENCY

AIR QUALITY DATA FOR 1968
from the
National Air Surveillance Networks
and
Contributing State and Local Networks

Division of Atmospheric Surveillance

ENVIRONMENTAL PROTECTION AGENCY
Office of Air Programs
Research Triangle Park, North Carolina
August 1972

The APTD (Air Pollution Technical Data) series of reports is issued by the Environmental Protection Agency to report technical data of interest to a limited number of readers. Copies of APTD reports are available free of charge to Federal employees, current contractors and grantees, and nonprofit organizations - as supplies permit - from the Air Pollution Technical Information Center, Environmental Protection Agency, Research Triangle Park, North Carolina 27711 or may be obtained, for a nominal cost, from the National Technical Information Service, 5285 Port Royal Road, Springfield, Virginia 22151.

Publication Number APTD-0978

PREFACE

The Division of Atmospheric Surveillance (DAS) of the Environmental Protection Agency (EPA) with the assistance and cooperation of state and local agencies carries on a variety of air sampling activities to obtain information about the air quality in the United States. This report presents particulate and gaseous pollutant data gathered during 1968 at cooperating stations of the various National Air Surveillance Networks. Similar data from independent state and local sampling networks that have contributed their results to the National Aerometric Data Bank, operated by DAS, are also summarized in this report.
Please note, however, that data on metal components of particulate matter are for 1966 and 1967.

ACKNOWLEDGMENTS

The data reported in this publication could not have been gathered without the generous cooperation of the many state and local air pollution control agencies in the operation of the NASN sampling stations. The Division of Atmospheric Surveillance offers sincere thanks to these organizations and to their employees.

Gratitude is also due the agencies that have contributed their own data to the Division's aerometric data bank for use in this and other reports and studies. Their efforts make possible a greatly increased national knowledge of air quality.

Contributing agencies are listed below:

California

- California Air Resources Board
- Fresno County Public Health Department
- Kern County Air Pollution Control Department
- Monterey-Santa Cruz Unified Air Pollution Control District
- Orange County Air Pollution Control District
- Shasta County Health Department

Colorado

- Boulder County Health Department
- Colorado State Health Department
- Denver Building Department, Department of Public Health
- El Paso County Health Department
- Jefferson County Health Department
- Larimer County Health Department
- Las Animas-Huerfano District Health Department
- Northeast Colorado Health Department
- Pueblo Health Department
- Tri-County Health Department
- Weld County Health Department

Connecticut

- Connecticut State Department of Health
- New Britain City Health Department

Florida

Dade County Health Department

Florida State Board of Health

Georgia

Georgia Department of Public Health

Illinois

Cook County Air Pollution Control Bureau

New York

Elmira City Maintenance Department

Erie County Health Department

Monroe County Health Department

New York City Department of Air Pollution Control

Schenectady City Health Department

State of New York Department of Health

Utica City Health Department

North Dakota

Fargo City Health Department

North Dakota State Department of Health

Ohio

Canton City Health Department, Air Pollution Control Division

City of Steubenville Air Pollution Bureau

Lorain City Department of Public Service

Ohio Department of Health

Texas

Austin City-County Health Department

Lubbock City-County Health Department

Texas State Department of Health

Washington

Clark County Air Pollution Control Authority

Kitsap County Air Pollution Control Authority

Puget Sound Air Pollution Control Agency

Snohomish County Health Department

Spokane County Air Pollution Control Authority

Washington State Department of Health

Special recognition should also be given to the following agencies that participate in the Continuous Air Monitoring Projects.

City of Chicago, Department of Air Pollution Control

City of Cincinnati, Division of Air Pollution Control

City of Denver, Building Department, Department of Public Health

City of Philadelphia, Division of Air Pollution Control and Environmental Sanitation

City of St. Louis, Division of Air Pollution Control, Department of Public Safety

District of Columbia, Department of Public Health

CONTENTS

LIST OF FIGURES viii

LIST OF TABLES ix

ABSTRACT xii

1. INTRODUCTION 1

HISTORY 1

GUIDE TO SITE DESCRIPTION LISTING 3

DESCRIPTION OF DATA TABLES 4

2. LABORATORY METHODOLOGY 9

SUSPENDED PARTICULATE MATTER 9

Organic Particulate Matter 11

Nonmetallic Inorganic Constituents 11

Metals 12

GASES 12

SOILING INDEX 13

3. SUMMARY OF AIR QUALITY MEASUREMENTS 15

NATIONAL RANGE OF ANNUAL AVERAGES 15

NATIONAL DISTRIBUTIONS OF METALS CONCENTRATIONS 15

ANNUAL AVERAGES BY POPULATION CLASS 15

CAMP GASEOUS POLLUTANT DATA 23

4. URBAN AND NONURBAN SUSPENDED PARTICULATE MATTER 29

5. URBAN AND NONURBAN BENZENE-SOLUBLE ORGANIC CONSTITUENTS OF SUSPENDED PARTICULATES 47

6. URBAN AND NONURBAN NONMETALLIC INORGANIC CONSTITUENTS OF SUSPENDED PARTICULATES 57

7. URBAN AND NONURBAN METALS IN SUSPENDED PARTICULATES . . 89

8. GASEOUS POLLUTANTS AND SOILING INDEX 157

APPENDIX A. AIR QUALITY DATA SAMPLING SITES 199

APPENDIX B. SITES REPORTING METALS DATA, 1966 THROUGH 1967 221

LIST OF FIGURES

Figure		Page
1-1	Locations of National Air Surveillance Networks Stations Operated in 1968.	2
1-2	Site Description Format Used by the National Aerometric Data Bank	4
2-1	Effects of Relative Humidity on Weight of Atmospheric Particulates at 75° F	10
8-1	Annual Frequency Distributions of Carbon Monoxide, CAMP, 1968	158
8-2	Annual Frequency Distributions of Nitric Oxide, CAMP, 1968 . .	159
8-3	Annual Frequency Distributions of Nitrogen Dioxide, CAMP, 1968	160
8-4	Annual Frequency Distributions of Sulfur Dioxide, CAMP, 1968 .	161
8-5	Annual Frequency Distributions of Total Hydrocarbons, CAMP, 1968	162
8-6	Annual Frequency Distributions of Total Oxidants, CAMP, 1968	163

LIST OF TABLES

Table		Page
3-1	National Range of 1968 Annual Pollutant Averages	16
3-2	National Distribution of Concentrations of Metals in Urban Quarterly Composites	17
3-3	National Distribution of Concentrations of Metals in Nonurban Quarterly Composites	18
3-4	Minimum Detectable Concentrations of Inorganic Constituents	19
3-5	1968 Annual Geometric Mean Concentrations of Suspended Particulate Matter Versus City Population	20
3-6	1968 Annual Arithmetic Mean Concentrations of Nitrogen Dioxide Versus City Population	21
3-7	1968 Annual Arithmetic Mean Concentrations of Sulfur Dioxide Versus City Population	22
3-8	Annual Arithmetic Mean Concentration of Sulfur Dioxide in Eastern Cities	24
3-9	Annual Arithmetic Mean Concentration of Sulfur Dioxide in Western Cities	25
3-10	Summary of Average Concentrations of Gaseous Pollutants, Continuous Air Monitoring Projects	26
3-11	Days with Maximum Hourly Oxidant Concentrations Equal To or Greater Than Specified Concentrations, Continuous Air Monitoring Projects	27
4-1	Suspended Particulate Matter, Urban Frequency Distributions	30
4-2	Suspended Particulate Matter, Nonurban Frequency Distributions	43
4-3	Suspended Particulate Matter, Data from Stations Not Meeting Quarterly Sampling Criteria for Valid Annual Average	45
5-1	Benzene-Soluble Organic Constituents, Urban Quarterly and Yearly Averages	48
5-2	Benzene-Soluble Organic Constituents, Nonurban Quarterly and Yearly Averages	52
5-3	Benzo(a)pyrene, Urban Quarterly and Yearly Averages	53
5-4	Benzo(a)pyrene, Nonurban Quarterly and Yearly Averages	56
6-1	Ammonium, Urban Frequency Distributions	58
6-2	Ammonium, Nonurban Frequency Distributions	64

Table		Page
6-3	Fluoride, Urban Abbreviated Frequency Distributions	66
6-4	Nitrate, Urban Frequency Distributions	69
6-5	Nitrate, State of New York Frequency Distributions	75
6-6	Nitrate, Nonurban Frequency Distributions	76
6-7	Sulfate, Urban Frequency Distributions	78
6-8	Sulfate, State of Washington Frequency Distributions	85
6-9	Sulfate, Nonurban Frequency Distributions	86
7-1	Antimony, Urban Quarterly Composites	90
7-2	Antimony, Nonurban Quarterly Composites	93
7-3	Beryllium, Urban Quarterly Composites	94
7-4	Beryllium, Nonurban Quarterly Composites	97
7-5	Bismuth, Urban Quarterly Composites	100
7-6	Bismuth, Nonurban Quarterly Composites	103
7-7	Cadmium, Urban Quarterly Composites	104
7-8	Cadmium, Nonurban Quarterly Composites	107
7-9	Chromium, Urban Quarterly Composites	108
7-10	Chromium, Nonurban Quarterly Composites	111
7-11	Cobalt, Urban Quarterly Composites	112
7-12	Cobalt, Nonurban Quarterly Composites	115
7-13	Copper, Urban Quarterly Composites	116
7-14	Copper, Nonurban Quarterly Composites	119
7-15	Iron, Urban Quarterly Composites	120
7-16	Iron, Nonurban Quarterly Composites	123
7-17	Lead, Urban Quarterly Composites	124
7-18	Lead, Nonurban Quarterly Composites	127
7-19	Lead, State of Georgia Data	128
7-20	Manganese, Urban Quarterly Composites	129
7-21	Manganese, Nonurban Quarterly Composites	132
7-22	Molybdenum, Urban Quarterly Composites	133
7-23	Molybdenum, Nonurban Quarterly Composites	136
7-24	Nickel, Urban Quarterly Composites	137
7-25	Nickel, Nonurban Quarterly Composites	140
7-26	Tin, Urban Quarterly Composites	141
7-27	Tin, Nonurban Quarterly Composites	144

Table		Page
7-28	Titanium, Urban Quarterly Composites	145
7-29	Titanium, Nonurban Quarterly Composites	148
7-30	Vanadium, Urban Quarterly Composites	149
7-31	Vanadium, Nonurban Quarterly Composites	152
7-32	Zinc, Urban Quarterly Composites	153
7-33	Zinc, Nonurban Quarterly Composites	156
8-1	Frequency Distribution of Concentration of Gaseous Atmospheric Pollutants, CAMP, 1968	164
8-2	Carbon Monoxide, Daily Averages, 1968	165
8-3	Nitric Oxide, Daily Averages, 1968	168
8-4	Nitrogen Dioxide, Daily Averages, 1968	171
8-5	Sulfur Dioxide, Daily Averages, 1968	174
8-6	Total Hydrocarbons, Daily Averages, 1968	177
8-7	Total Oxidants, Daily Averages, 1968	180
8-8	Nitrogen Dioxide, Urban, 24-hour Bubbler	183
8-9	Nitrogen Dioxide, Nonurban, 24-Hour Bubbler	187
8-10	Nitrogen Dioxide Data from Stations Not Meeting Quarterly Sampling Criteria for Valid Annual Average	188
8-11	Sulfur Dioxide, Urban, 24-Hour Bubbler	190
8-12	Sulfur Dioxide, Nonurban, 24-Hour Bubbler	194
8-13	Sulfur Dioxide Data from Stations Not Meeting Quarterly Sampling Criteria for Valid Annual Average	195
8-14	Soiling Index, Daily Averages, 1968	196

ABSTRACT

Particulate- and gaseous-pollutant data gathered during 1968 by the cooperating stations of the various National Air Surveillance Networks provide information about air quality in the United States. Data from independent state and local sampling networks that have contributed their results to the National Aerometric Data Bank operated by the Division of Atmospheric Surveillance, Environmental Protection Agency, are included.

Data are presented on suspended particulate pollutants, including data on benzene-soluble organic fractions and on metallic and nonmetallic inorganic constituents; on soiling index; and on gaseous pollutants. Data are given separately for urban and nonurban sites.

Annual arithmetic or geometric means of 24-hour average concentrations measured by the Hi-Vol Network and the Gas Sampling Network are presented. The minimum detectable concentrations for each of the 16 metals and 4 nonmetallic inorganic ions are listed. The distribution by population of 1968 annual averages for total particulate, nitrogen dioxide, and sulfur dioxide are presented; gaseous pollutant data for the six Continuous Air Monitoring Projects for the period 1964 through 1968 are reported. Data for the metals analyses are for 1966 and 1967.

AIR QUALITY DATA FOR 1968

SECTION 1. INTRODUCTION

HISTORY

Today's National Air Surveillance Networks have developed from the Public Health Service's first air pollution sampling effort, which began in 1953. The Public Health Service's Division of Sanitary Engineering Services in cooperation with various state and local agencies began sampling for suspended particulate matter with high-volume air samplers in 17 cities. By 1956 this sampling program had expanded to encompass 66 communities, and a national need and desire to have a larger, truly national air quality sampling effort had become apparent. As a result, in January of 1957, the National Air Sampling Network (presently called the National Air Surveillance Networks) was established to routinely monitor suspended particulate levels in urban and nonurban America.

The scope of sampling was expanded in 1957 to some 185 urban and 48 nonurban stations, of which approximately 100 of the urban and all of the nonurban stations were scheduled to operate every year. The number of urban stations operating in 1968 was 164, and the number of nonurban stations had stabilized at 30. Figure 1-1 shows the locations of those NASN stations that were operated in 1968. This report, however, contains data for 352 urban and 36 nonurban stations when state and locally collected data are included.

Since 1957, Network operations have also expanded in the number and type of pollutants measured. The constituent pollutants measured in high-volume particulate samples include benzene-soluble organic compounds, 4 nonmetallic inorganic ions, and 16 metals. During 1959 and 1960, 24-hour bubbler sampling for the gases NO_2 and SO_2 began at a few stations. The Gas Sampling Network has since been expanded to more than 100 sites. The Continuous Air Monitoring Projects (CAMP), which began in 1962, gather data on gaseous pollutants in six

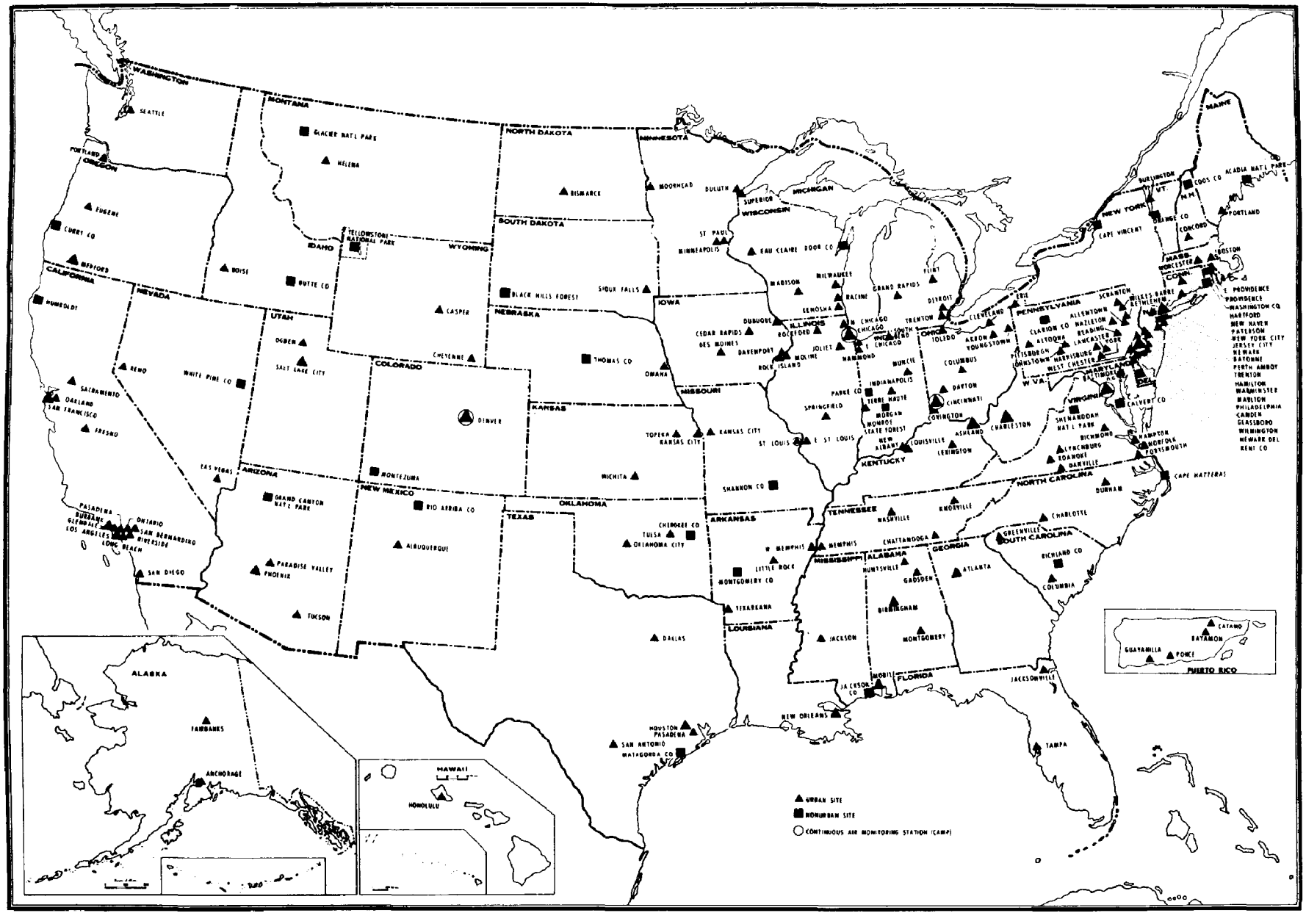

Figure 1-1. Locations of National Air Surveillance Networks stations operated in 1968.

cities, where continuously operating instruments record levels of carbon monoxide, nitric oxide, nitrogen dioxide, sulfur dioxide, total hydrocarbons, and total oxidants.

With the reorganization of the Public Health Service on January 1, 1967, the network sampling operations were collectively designated the National Air Surveillance Networks and were incorporated in the Air Quality and Emission Data Program of the National Center for Air Pollution Control (NCAPC) in the Bureau of Disease Prevention and Environmental Control of the Public Health Service. In July 1968, the National Center was redesignated the National Air Pollution Control Administration (NAPCA) under the Consumer Protection and Environmental Health Service (CPEHS); in January 1969, the Air Quality and Emission Data Program was redesignated the Division of Air Quality and Emission Data. Since December of 1970, the National Air Surveillance Networks (NASN) have been part of the Environmental Protection Agency (EPA). As in 1968, most of the current EPA air quality surveillance sampling is conducted by three National Air Surveillance Networks: the suspended particulate, or Hi-Vol, network; the Gas Sampling Network; and the Continuous Air Monitoring Projects.

These networks are operated in cooperation with appropriate state or local agencies. The Division of Atmospheric Surveillance generally provides the equipment, supplies, and laboratory analytical services; the cooperating agency provides the sampling site and the manpower. In addition to assisting the EPA sampling program, many state and local air pollution control agencies operate their own air pollution control programs. Many such agencies contribute their data to EPA's aerometric data bank, and these data are included in EPA publications.

GUIDE TO SITE DESCRIPTION LISTING

Sampling sites are listed in the appendices. Information is given on the location of each station - Federal, state, or local - listed in this publication. The site description format is presented in Figure 1-2. In addition to the address of each site, the listing shows the type of site, the site number, the height above ground level of the sampler, the name of the supporting state or local agency, and either the county name (for urban sites) or a site name abbreviation (for nonurban sites). The site types are industrial (I), residential (R), commercial (C), suburban (S), and nonurban (N); many sites are classified as combinations of two or more of these categories.

Sites at which samples were collected in 1968 are listed in Appendix A. The sites listed in Appendix B are sites that provided data from 1966 and 1967 for the metals analyses reported in Section 7 of this publication.

STATE			
CITY			
SITE NUMBER	STATION ADDRESS	TYPE[a]	COUNTY NAME
STATION CODE	SUPPORTING AGENCY		HEIGHT[b]

[a]The type of site is identified by one or more of the following symbols:

C - Commercial
I - Industrial
R - Residential
N - Nonurban
(*)- Indicates information not available

[b]Height above ground level of the sampler, in feet.

Figure 1-2. Site description format used by the National Aerometric Data Bank.

DESCRIPTION OF DATA TABLES

In this section the six basic formats of data presentation are described in some detail. Following these descriptions, information concerning the type of data that appears in each particular table is presented.

One of the major methods of presentation of data used in this publication is the cumulative frequency distribution table. For each site, this table lists the year or years of sampling covered, the number of valid samples taken, the minimum value, the nine decile values, the maximum value, the arithmetic mean, the geometric mean, and the standard geometric deviation.

Quarterly composite tables are used to report metallic and organic fractions of suspended particulate matter from stations in the network. For each site, a composite concentration value is reported for each of the 4 quarters of the calendar year, and a yearly average is reported whenever valid data for all 4 quarters were obtained.

A third type of table, used exclusively to summarize CAMP data for gaseous pollutants and soiling index, simply lists the average pollutant concentration for each day in the calendar year. Values for the gaseous pollutants are averaged from raw data compiled at 5-minute intervals. For soiling index the sampling period is 2 hours, so that as many as 12 values are included in each daily average.

The daily mean for the CAMP gases or soiling index is only calculated if at least half the possible number of measurements are valid.

Additional data on suspended particulate matter, nitrogen dioxide, and sulfur dioxide that do not meet the criteria for a "representative" year are summarized in an abbreviated format showing the number of samples collected together with the maximum and minimum values. These criteria require at least 5 samples per quarter with at least 2 of the 3 months in each quarter being represented by any combination of samples; however, the case where no samples are collected in 1 month and only 1 sample is collected in another month would not meet the criteria even if 4 or more samples are collected in the final month. Missing samples can result not only from a failure to sample on the scheduled days but also from the loss or contamination of samples in shipment back to EPA laboratories.

The fifth form in which data are presented is the frequency distribution table-graph combination. For each of the gaseous pollutants (carbon monoxide, nitric oxide, nitrogen dioxide, sulfur dioxide, total hydrocarbons, and total oxidants), a graph presents comparative curves showing the frequency distributions of 5-minute values in the CAMP cities. After these figures, a numerical tabulation of all the information is presented.

A sixth format is used to report fluoride data. Because a large proportion of the fluoride measurements is below the minimum detectable concentration, it was considered that calculation of the averages and representation of the data in frequency distribution format would be misleading. The format that was adopted lists the number of measurements taken, the number that are above the minimum detectable concentration, and the maximum concentration.

For those tables containing data from many sites (frequency distribution and quarterly composites), the data are divided into two classes: data for urban sites and data for nonurban sites. Nonurban sites are often labeled by national park names, if such apply. If not, they are generally identified by county names: e.g., Montgomery County, Arkansas. Urban sites are generally identified by the name of the town or city in which they are located. Because some exceptions occur in both categories, the sites are separated into different tables, so that the reader will know whether a particular site is classified as urban or nonurban. In all tables, data from contributing networks are identified by the symbol "*."

The data tables are divided into five sections: Section 4 presents data on suspended particulates, Section 5 covers the benzene-soluble organic fractions of particulates, Section 6 covers the nonmetallic inorganic fractions, Section 7 covers the metallic fractions of particulates, and Section 6 presents data on gaseous pollutants and soiling index.

In addition to data tabulations, brief summaries and analyses of national air pollutant levels are presented in Tables 3-1 through 3-11.

Tables 4-1 and 4-2 present 1968 data on the concentrations of suspended particulate matter. Data from urban sampling stations are presented as frequency distributions in Table 4-1. Table 4-2 presents frequency distributions of data from nonurban stations. Table 4-3 presents data for stations that did not meet the criteria of number and distribution of samples for a valid or representative annual average.

Tables 5-1 through 5-4 offer 1968 data on the portion of suspended particulate matter that consists of benzene-soluble organic compounds. The concentrations of benzene-soluble organic matter measured by DAS are determined from quarterly composite samples.

Tables 5-3 and 5-4 present data on the concentration of benzo(a)pyrene in the particulate matter from urban and nonurban stations, respectively. Benzo(a)-pyrene, one of the many specific organic compounds included in the benzene-soluble fraction, is of sufficient interest to warrant separate determination because of its carcinogenic (cancer-causing) properties. Because it is present in extremely small amounts, benzo(a)pyrene is reported in nanograms (10^{-9} grams) per cubic meter rather than in micrograms (10^{-6} grams) per cubic meter.

Tables 6-1 through 6-9 present the results of chemical analyses of four nonmetallic inorganic ions for 1968. Data on ammonium, nitrate, and sulfate ions extracted from urban particulate samples are presented in frequency distribution format in Tables 6-1, 6-4, and 6-7, respectively, and comparable data from nonurban stations appear in Tables 6-2, 6-6, and 6-9. Tables 6-5 and 6-8 present nitrate data from the State of New York and sulfate data from the State of Washington. These two sets of data are separated because the method of analysis differed from that of the other nitrate and sulfate data. Urban data on the water-soluble fluorides appear in Table 6-3. Because there were no nonurban fluoride measurements above the minimum detectable concentration, there is no table for nonurban

fluoride concentrations. Fluoride analysis is conducted on every nonurban particulate sample, however.

In using Tables 6-1 through 6-9, the reader is encouraged to refer to Table 3-4 to determine the minimum concentrations at which the various pollutants are detectable. A recorded concentration of zero means only that the actual concentration was below the minimum detectable concentration.

Tables 7-1 through 7-33 present data on the concentration of 16 metallic components of suspended particulate matter collected in urban and nonurban samples during 1966 and 1967. Table 7-19 contains lead data for 11 sites from the State of Georgia that were determined by a different method (atomic absorption) from the lead data in Tables 7-17 and 7-18. The 16 metals represented are antimony, beryllium, bismuth, cadmium, chromium, cobalt, copper, iron, lead, manganese, molybdenum, nickel, tin, titanium, vanadium, and zinc. In all cases the data are presented in the quarterly composite format.

The methodology for determining metals concentrations currently includes low-temperature ashing in an oxygen plasma. This was instituted, beginning with samples analyzed in 1966, to minimize loss of volatile metals such as cadmium, lead, tin, and zinc. Therefore, data on samples collected prior to 1966 are not comparable with subsequent measurements.

Table 3-4 lists the minimum quantities in which metals are detectable in urban and nonurban samples under normal operating conditions. The degree of interference from other substances determines the actual sensitivity in an individual analysis. In this publication a recorded concentration of zero means only that the actual concentration was below the minimum detectable levels. In the calculation of annual station averages for this publication, however, concentrations below the minimum detectable levels are treated as zero concentrations.

Figures 8-1 through 8-6 and Tables 8-1 through 8-14 present various summaries of gaseous pollutant data from two of the National Air Surveillance Networks: The Continuous Air Monitoring Projects, (CAMP), and the 24-hour Gas Sampling Network.

The CAMP data are presented in Figures 8-1 through 8-6 as graphs of annual frequency distributions of the basic 5-minute values. A tabular list of the same data in frequency distribution format follows the figures. Further, Tables 8-2 through 8-7 present daily arithmetic averages of the data for each pollutant by city.

The pollutants summarized are carbon monoxide, nitric oxide, nitrogen dioxide, sulfur dioxide, total hydrocarbons, and total oxidants.

Nitrogen dioxide and sulfur dioxide data from the 24-hour Gas Sampling Network are presented in Tables 8-8 through 8-13, respectively. The gas bubbler samplers are operated on the same schedule of 26 randomly selected days as are the Hi-Vol samplers. NO_2 and SO_2 data that did not meet the yearly validity criteria for number and distribution of samplers are summarized in an abbreviated format in Tables 8-10 and 8-13.

SECTION 2. LABORATORY METHODOLOGY

SUSPENDED PARTICULATE MATTER

The mass of particulate matter per volume of air is usually determined by drawing air through a preweighed glass filter with a high-volume (Hi-Vol) air sampler, and then weighing the soiled filter. A calibrated rotameter is read at the start and finish of the sampling period, and the averaged value is used with a calibration table for that rotameter to obtain the flow rate. The known sampling period (24 hours) and the measured flow rate allow for calculation of the volume of air sampled. Individual laboratory procedures, however, may differ from one laboratory to another. The following procedure is used by the Division of Atmospheric Surveillance for all sampling conducted by the NASN.

Each city's Hi-Vol sampler is located in the central business-commercial district at a site that is, as nearly as practicable, comparable with a corresponding site in other cities. In such a location, measured concentrations tend to be among the highest found in the city, and therefore cannot be interpreted as the city-wide average. Analysis of comparisons between sites and trends over several years are useful, however.

The Hi-Vol samplers, operating at approximately 1.5 cubic meters per minute, collect particulate matter from about 2200 cubic meters of air during the 24-hour sampling period. The NASN stations are operated during 26 randomly selected days per year. The filters used are 8- by 10-inch flash-fired glass fiber filters selected for low and uniform background concentrations of those substances to be measured.

To eliminate any filters having pinholes or other flaws that could affect air flow, the filters are screened for imperfections on a light table and numbered. Prior to weighing, they are equilibrated for a minimum of 24 hours at a temperature of 75° F and a relative humidity of 50 percent or less. Because any crease in a filter can seriously affect the air flow, filters are weighed with a balance that permits weighing without bending.

The filters are then distributed unfolded to the cooperating local agencies. After sampling, the filters are folded in half with the collected particulate matter

inside and returned to the laboratory. The filter with the collected particulates is again equilibrated for at least 24 hours at a temperature of 75° F and a relative humidity of 50 percent or less, and then weighed to determine the amount of particulate matter that was collected. The equilibration at low relative humidity prior to this weighing is of crucial importance because many of the collected compounds (ammonium sulfate in particular) are quite hygroscopic. Figure 2-1 shows the effect of humidity on the measured weights of soiled filters from three sampling

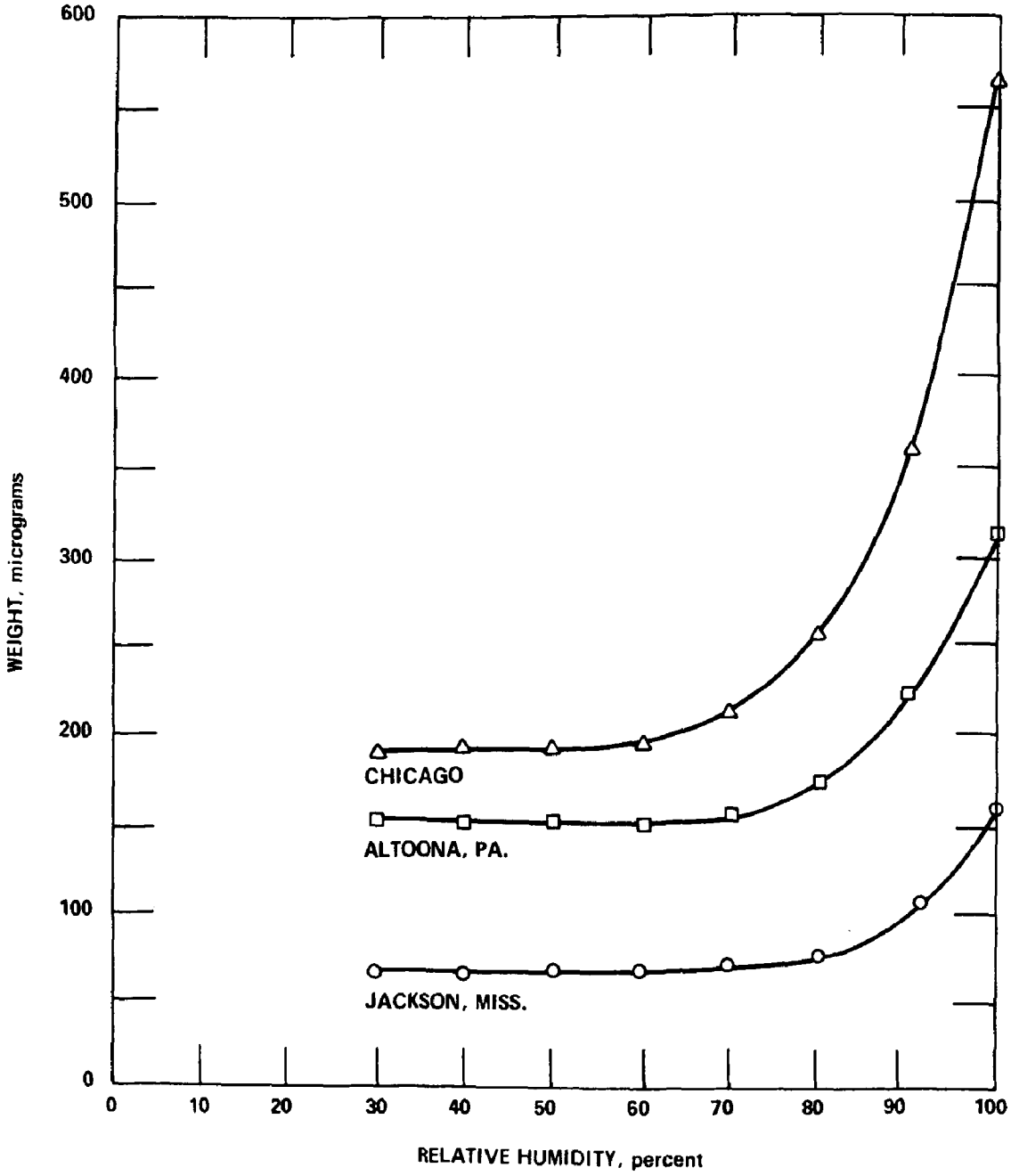

Figure 2-1. Effects of relative humidity on weight of atmospheric particulates at 75° F.

locations. The increase in weight at the higher humidities illustrates the amount of moisture the collected material can absorb.

Organic Particulate Matter

The numerous specific organic compounds that are removed by benzene include many of the manmade organic pollutants. Natural, organic, airborne particles, such as pollens and molds, generally are not soluble in benzene.

Benzene-soluble organics are determined by extraction of the samples with benzene in a Soxhlet extractor for 6 hours. This extraction process removes more than 90 percent of the benzene-soluble organic materials. After extraction, the solution is concentrated and then filtered into a tared vial. The remaining benzene is evaporated at 60° C and the residue is weighed.

The benzo(a)pyrene (BaP) component of the benzene-soluble organic residue is determined after first separating the different components by thin layer chromatography and by removal of the BaP from the thin layer absorbent. The BaP is then dissolved in sulfuric acid and its concentration is measured by fluorescence spectroscopy.

Nonmetallic Inorganic Constituents

Analyses for ammonium, nitrate, and sulfate ions are conducted with Auto-Analyzers* on an aqueous extract of an 8.3 percent aliquot of the particulate sample. The sample aliquot is washed twice in preparation of the extract, which has a final volume of 50 milliliters. This solution is used for the three analyses.

Ammonium ion in the filtrate is determined by reaction with sodium hypochlorite solution to produce a blue complex. The color intensity of this complex is measured spectrophotometrically at 626 nanometers.

Nitrate ion in the filtrate is reduced to nitrite by alkaline hydrazine (pH of 11). Sulfanilamide is added to form a diazo compound that subsequently combines with N-(1-naphthyl) ethylenediamine. The resulting compound is measured spectrophotometrically at 535 nanometers. This method offers distinct advantages in avoiding interferences from other water-soluble compounds found in atmospheric particulates.

---

*Mention of a specific commercial product or a company name does not constitute endorsement by the Environmental Protection Agency.

Sulfate ion in the filtrate is determined by the methylthymol blue method that is appropriate only with the closed system techniques because the methylthymol blue dye is oxidized by atmospheric oxygen. The filtrate is reacted with a reagent consisting of equal parts of methylthymol blue dye and barium chloride, kept at a pH of 2.8 to prevent the formation of a chelate complex from the dye and the barium ion. Any sulfate ion in the sample reacts with the barium ion, leaving an excess of methylthymol blue dye that is proportional to the amount of sulfate present. The pH is then raised to 12.4. At this point the barium ion that was not removed by the sulfate forms a chelate complex with the methylthymol blue dye, and the excess dye turns yellow. The intensity of the yellow dye is then determined colorimetrically at 480 nanometers.

Measurement of the fluoride ion concentration in NASN samples of suspended particulate matter became practical with the adaptation in the DAS laboratory of a fluoride-selective electrode technique.* The analysis is conducted on an aliquot of the same water extract that was prepared for the ammonium, nitrate, and sulfate analyses. A sodium citrate-carbonate buffer solution is added to adjust the ionic strength and the pH and to control interferences from metal ions. The fluoride-selective electrode generates a potential in proportion to the fluoride activity in the sample; this potential is measured against the potential of a standard reference electrode.

Metals

In the metals analysis an aliquot of the sample is first ashed and then extracted with a mixture of 40 percent nitric acid. The manner of ashing the sample is critical in the determination of the more volatile metals such as cadmium, lead, tin, and zinc. Samples collected prior to 1966 were ashed in a muffle furnace at 500° C, but they are now ashed in a low-temperature asher at about 150° C. After ashing and extraction, metals concentrations are determined with an emission spectrograph.

GASES

The gas samples are gathered with a bubbler-train sampler. Air is drawn successively through a membrane filter, a manifold, a bubbler, another filter, and finally a critical orifice. The membrane prefilter removes particulate matter;

*M. C. Frant, and J. W. Ross, Jr. Electrode for Sensing Fluoride Ion Activity in Solution, Science, 145:1533-1544, 1966.

the glass manifold permits the connection of as many as five bubblers in parallel. The bubbler itself is filled with the appropriate absorbing reagent and is followed by a post-filter that serves to protect the hypodermic-needle critical orifice, which controls the air flow. The needles are calibrated before and after use: the sampling interval and the average flow rate are used to compute the total volume of air sampled. Following sample collection, the bubbler tubes and needles are shipped to the DAS laboratory for analysis.

The analytical method used for sulfur dioxide is that of West and Gaeke--with the addition of sulfamic acid to the reagents. Sulfur dioxide is collected from the air sample by the complexing action of sodium tetrachloromercurate and is determined colorimetrically by measuring the red-violet color produced when a bleached rosaniline hydrochloride solution and dilute aqueous formaldehyde react with the sulfur dioxide in the collection solution. The sulfamic acid is then added to prevent an interference by nitrogen dioxide.

Nitrogen dioxide measurements are based on the Jacob-Hochheiser procedure. When the sample air containing nitrogen dioxide is drawn through a sodium hydroxide solution, a dilute solution of sodium nitrite is produced. In the laboratory this collecting solution is reacted with solutions containing phosphoric acid, sulfanilamide, and N-(1-naphthyl)-ethylenediamine dihydrochloride. The concentration of the resulting azo dye is measured colorimetrically.

SOILING INDEX

Soiling index data, measured in Coh's per 1000 linear feet, are presented in Table 8-14 for the six CAMP stations. The data are shown as daily averages of the 2-hour observations determined with a standard spot-tape sampler. The soiled tapes are read with an automated transmissivity meter that determines the soiling index values.

SECTION 3. SUMMARY OF AIR QUALITY MEASUREMENTS

NATIONAL RANGE OF ANNUAL AVERAGES

The data summarized in Table 3-1 are 1968 annual means of 24-hour average concentrations measured by the Hi-Vol Network and the Gas Sampling Network. The first column of Table 3-1 represents the number of NASN stations for which a 1968 annual mean was calculated. The next two columns are the highest and lowest annual station averages for the pollutant in question. Thus, of the 149 station averages for TSP, the average from the station with the highest mean and that from the station with the lowest mean are reported. Note that the annual means for total suspended particulates are geometric means. For all other pollutants, including particulate fractions, arithmetic means have been used.

The station averages from urban sites are distinguished from those from nonurban sites. It is no surprise that concentrations of most air pollutants are shown to be higher at urban locations than at nonurban locations.

NATIONAL DISTRIBUTIONS OF METALS CONCENTRATIONS

Tables 3-2 and 3-3 contain summaries of metals concentrations measured in quarterly composites of suspended particulate samples collected in 1966 and 1967. The tables consist of frequency distributions of the concentrations lying in successive concentration ranges.

The minimum detectable concentrations for each of the 16 metals and the 4 nonmetallic inorganic ions that were measured are listed in Table 3-4. A glance at Tables 3-2 and 3-3 reveals the overwhelming proportions of measurements below the detectable levels for some of the metals. Minimum detectable concentrations of metals are lower for nonurban stations than for urban stations. Nonurban metals concentrations may be measured with greater sensitivity because the extract is prepared in a more concentrated form.

ANNUAL AVERAGES BY POPULATION CLASS

The distribution by population of 1968 annual averages for TSP (geometric mean) is presented in Table 3-5. Similar distributions, using arithmetic means, are presented for nitrogen dioxide and sulfur dioxide in Tables 3-6 and 3-7.

Table 3-1. NATIONAL RANGE OF 1968 ANNUAL AVERAGES[a]
($\mu g/m^3$, except as noted)

	Number of stations	Maximum station average	Minimum station average
Suspended particulates			
Total			
Urban	149	239	26
Nonurban	28	49	6
Fractions			
Benzene-soluble organics			
Urban	149	23.8	1.3
Nonurban	28	3.0	0.8
Benzo(a)pyrene (ng/m^3)			
Urban	149	18.56	0.47
Nonurban	28	0.97	0.14
Ammonium			
Urban	149	15.1	0.0
Nonurban	28	1.2	0.0
Nitrate			
Urban	149	13.0	0.6
Nonurban	28	1.2	0.1
Sulfate			
Urban	149	48.7	1.6
Nonurban	28	14.1	0.9
Gases			
Nitrogen dioxide			
Urban	75	299	60
Nonurban	5	89	46
Sulfur dioxide			
Urban	85	126	6
Nonurban	5	15	6

[a]Annual averages are arithmetic means for all pollutants except total suspended particulates for which geometric means are reported.

Nine population classes are defined, based on population estimates taken from the 1970 Census of Population, and 13 ranges of pollution concentration are delineated. The number of cities for each combination of population class and

Table 3-2. NATIONAL DISTRIBUTION OF CONCENTRATIONS OF METALS IN URBAN QUARTERLY COMPOSITE SAMPLES ($\mu g/m^3$)

Metal	Year	Number of samples in concentration range[b]:																
			x 10^{-4}			x 10^{-3}			x 10^{-2}			x 10^{-1}			x 1			x 10
		ND[a]	1-2	2-5	5-10	1-2	2-5	5-10	1-2	2-5	5-10	1-2	2-5	5-10	1-2	2-5	5-10	1-2
Antimony	1966	398								2								
	1967	451								1								
Beryllium	1966	349	22	24	4	1												
	1967	375	27	39	9	2												
Bismuth	1966	338			29	21	7	1	3	0	0	0	1					
	1967	416			14	11	9	2										
Cadmium	1966	304						50	27	15	2	2						
	1967	316						67	35	24	6	4						
Chromium	1966	274						61	35	25	3	2						
	1967	321						60	38	29	3	1						
Cobalt	1966	396						4										
	1967	447						3	1	0	0	1						
Copper	1966	8							22	87	138	101	32	10	1	1		
	1967	11							16	63	130	125	76	28	3			
Iron	1966	12										9	78	115	114	67	4	1
	1967	15										18	85	103	122	99	10	
Lead	1966	5									4	11	78	166	102	31	2	1
	1967	6									2	7	57	178	147	53	2	
Manganese	1966	24						38	70	129	80	39	17	3				
	1967	23						29	64	157	101	48	20	9	1			
Molybdenum	1966	311				19	35	21	7	3	4							
	1967	342				22	57	21	3	3	4							
Nickel	1966	120						63	110	77	26	4						
	1967	134						81	116	90	20	9	2					
Tin	1966	189			31	18	76	54	28	2	2							
	1967	200			53	29	76	56	33	4	1							
Titanium	1966	216						55	51	49	22	7						
	1967	215						43	70	70	38	15	1					
Vanadium	1966	195					10	31	43	44	29	22	24	2				
	1967	144					58	41	50	57	46	19	26	8	3			
Zinc	1966	236									13	26	47	50	23	5		
	1967	271									25	25	51	53	26	1		

[a]Not detectable; below minimum detectable level. First entry is in range of minimum detectable level.

[b]If a number lies on the class bound, it falls in the next higher interval. For example, 0.0002 falls in the 2 to 5 range.

Table 3-3. NATIONAL DISTRIBUTION OF CONCENTRATIONS OF METALS IN NONURBAN QUARTERLY COMPOSITE SAMPLES

($\mu g/m^3$)

		Number of samples in concentration range[b]:													
			x 10^{-5}	x 10^{-4}			x 10^{-3}			x 10^{-2}			x 10^{-1}			x 10
Metal	Year	ND[a]	5-10	1-2	2-5	5-10	1-2	2-5	5-10	1-2	2-5	5-10	1-2	2-5	5-10	1-2
Antimony	1966	112														
	1967	119							1							
Beryllium	1966	103	7	2												
	1967	117	3													
Bismuth	1966	105			5	1	1									
	1967	119			1											
Cadmium	1966	97						11	3	0	1					
	1967	118						0	1	1						
Chromium	1966	56					5	27	16	6	2					
	1967	87					4	18	5	5	1					
Cobalt	1966	111					0	0	0	0	1					
	1967	120														
Copper	1966	0							2	18	36	32	19	5		
	1967	2							2	21	41	19	18	14	3	
Iron	1966	12									2	3	9	53	27	6
	1967	27									3	15	35	28	7	5
Lead	1966	29									23	31	23	6		
	1967	36									22	29	18	14	1	
Manganese	1966	20						13	21	34	24					
	1967	29						17	23	33	15	3				
Molybdenum	1966	103				3	6									
	1967	112				1	2	5								
Nickel	1966	20					7	53	26	6						
	1967	64					9	23	13	8	3					
Tin	1966	19			15	25	27	25								
	1967	49			19	17	20	15								
Titanium	1966	83						11	6	7	5					
	1967	98						7	10	4	1					
Vanadium	1966	66				0	6	11	10	7	9	3				
	1967	61				10	8	14	5	7	10	4	1			
Zinc	1966	56									9	12	19	14	1	
	1967	73									6	13	16	12		

[a]Not detectable; below minimum detectable level. First entry is in range of minimum detectable level.

[b]If a number lies on the class bound, it falls in the next higher interval. For example, 0.0002 falls in the 2 to 5 range.

concentration is given along with totals for each population class and each concentration level. An additional row is provided to show the distribution of nonurban sites by concentration level. A slight departure from earlier publications has been made that changes the concentration interval so that the standards for each pollutant can be clearly shown.

Table 3-4. MINIMUM DETECTABLE CONCENTRATIONS OF INORGANIC CONSTITUENTS[a]

($\mu g/m^3$)

Metal	Urban	Nonurban
Antimony	0.04	0.01
Beryllium	0.0002	0.00007
Bismuth	0.001	0.0004
Cadmium	0.01	0.004
Chromium	0.006	0.002
Cobalt	0.006	0.002
Copper	0.02	0.008
Iron	0.2	0.05
Lead	0.1	0.03
Manganese	0.01	0.004
Molybdenum	0.002	0.0008
Nickel	0.006	0.002
Tin	0.001	0.0003
Titanium	0.01	0.003
Vanadium	0.003	0.001
Zinc	0.1	0.04
Nonmetal		
Ammonium	0.06	0.06
Fluoride	0.05	0.05
Nitrate	0.06	0.06
Sulfate	0.6	0.6

[a]Nonurban metal samples may be measured more sensitively for two reasons. First, problems normally occur when the presence of one metal interferes with the measurement of another metal. In nonurban areas, however, there is less interference with the metal being measured. Secondly, since nonurban particulate levels are lower, the extracts of the filters used for analysis may be prepared in more concentrated form for increased sensitivity. These limits of detectability are subject to change as analytical methods improve.

In the preparation of the three tables described here, four NASN sites located in the suburbs of Philadelphia were excluded. The reason for exclusion is the unique consideration behind their inclusion in the NASN. Usually a NASN urban site is selected in a downtown area to reflect industrial or commercial activity. The four sites in question--Burlington County and Glassboro, New

Table 3-5. 1968 ANNUAL GEOMETRIC MEAN CONCENTRATIONS OF SUSPENDED PARTICULATE MATTER VERSUS CITY POPULATION

Incorporated city population (1970 census)	Concentration, $\mu g/m^3$													
	≤15	16 to 30	31 to 45	46 to 60[a]	61 to 75[b]	76 to 90	91 to 105	106 to 120	121 to 135	136 to 150	151 to 165	166 to 180	≥181	Total
>3 million								2			1			3
1 to 3 million					1			1	2					4
700,000 to 1 million					1	2	1		2	1				7
400,000 to 700,000		4	8	7	8	8	9	3	2	2	3	1		55
100,000 to 400,000			4	7	20	23	15	10	4	2	1	1	2	89
50,000 to 100,000			3	7	15	16	7	10	4		1		1	64
25,000 to 50,000		2	7	8	17	7	7	1	3	1	2		3	58
10,000 to 25,000		1	5	8	6	6	2	2			1			31
<10,000		2	1	3	9	7	4					1		27
Total		9	28	40	77	69	45	29	17	6	9	3	6	338
Nonurban	8	13	10	4										35

[a]Secondary standard, 60 $\mu g/m^3$.

[b]Primary standard, 75 $\mu g/m^3$.

Table 3-6. 1968 ANNUAL ARITHMETIC MEAN CONCENTRATIONS OF NITROGEN DIOXIDE VERSUS CITY POPULATION

Incorporated city population (1970 census)	Concentration, $\mu g/m^3$													
	≤60	61 to 80	81 to 100[a]	101 to 120	121 to 140	141 to 160	161 to 180	181 to 200	201 to 220	221 to 240	241 to 260	261 to 280	>280	Total
>3 million													1	1
1 to 3 million											1			1
700,000 to 1 million								3	2	1				6
400,000 to 700,000					1	3	3	4	3	1	1			16
100,000 to 400,000	1	1	1	3	4	5	8	4	5	2	3		1	38
50,000 to 100,000				1			1	3	3					8
25,000 to 50,000	1			1		1		1						4
10,000 to 25,000				1		1								2
<10,000														
Total	2	1	1	6	5	10	12	15	13	4	5		2	76
Nonurban	3	1	1											5

[a]Primary and secondary standard, 100 $\mu g/m^3$.

Table 3-7. 1968 ANNUAL ARITHMETIC MEAN CONCENTRATIONS OF SULFUR DIOXIDE VERSUS CITY POPULATION

Incorporated city population (1970 census)	Concentration, $\mu g/m^3$													
	≤10	11 to 20	21 to 30	31 to 40	41 to 50	51 to 60[a]	61 to 70	71 to 80[b]	81 to 90	91 to 100	101 to 110	111 to 120	>120	Total
>3 million													1	1
1 to 3 million							1		1					2
700,000 to 1 million	1	1		2			1		1					6
400,000 to 700,000	4	4	6	2				1	1	1				19
100,000 to 400,000	9	7	7	3	3	3	2	2	2		1	1	1	41
50,000 to 100,000		2	3	1			2							8
25,000 to 50,000	1	1			1	1		1						5
10,000 to 25,000	2		1											3
<10,000														
Total	17	15	17	8	4	4	6	4	5	1	1	1	2	85
Nonurban	4	1												5

[a]Secondary standard, 60 $\mu g/m^3$.

[b]Primary standard, 80 $\mu g/m^3$.

Jersey and Warminster and West Chester, Pennsylvania--are in primarily residential areas. They were added to the NASN to gain some idea of the variation in ambient air quality within a single metropolitan area.

Tables 3-5 through 3-7 suggest that the relationship between population and pollution is not always clear. The gaseous pollutants seem to be more clearly tied to population than TSP is. For sulfur dioxide this population-pollution relationship becomes clearer when eastern and western sites are separated (see Tables 3-8 and 3-9). "Eastern" sites are considered to be those in Minnesota, Iowa, Missouri, Arkansas, Louisiana, or in any state east of the Mississippi River. Although this assignment is somewhat arbitrary, it corresponds roughly to the areas of relative scarcity of low-sulfur fuels, which have been more readily available in the western than in the eastern states.

For convenient reference the ambient standards for annual means are presented with the distribution of the pollutants.

CAMP GASEOUS POLLUTANT DATA

Annual averages for each of the six CAMP stations for the 5-year period 1964 through 1968 are reported in Table 3-10. CAMP averages are not included in Table 3-1.

Because the formation of photochemical oxidant is so directly dependent upon sunlight, averages that include levels measured during hours of darkness may appear deceptively low. For this reason Table 3-11 lists for each station the number of days during which at least one hourly average concentration of total oxidants exceeded the following levels: 0.05 ppm, 0.10 ppm, and 0.15 ppm. This 1964 through 1968 summary gives some indication of the frequency of photochemical smog.

Previously published summaries of 1964 through 1965 oxidant levels may be slightly different from the summaries of Table 3-11 because some summaries in the past included only maximum hourly concentrations occurring between 11 a.m. and 5 p.m. Some of the station-year totals may be low because of invalid data periods that occur during the summer months when high oxidant concentrations are most frequent. These situations are footnoted in the table.

Table 3-8. ANNUAL ARITHMETIC MEAN CONCENTRATION OF SULFUR DIOXIDE IN EASTERN[a] CITIES

Incorporated city population (1970 census)	Concentration SO_2, $\mu g/m^3$													
	≤10	11 to 20	21 to 30	31 to 40	41 to 50	51 to 60[b]	61 to 70	71 to 80[c]	81 to 90	91 to 100	101 to 110	111 to 120	>120	Total
>3 million													1	1
1 to 3 million							1		1					2
700,000 to 1 million				2			1		1					4
400,000 to 700,000	1	2	5	2				1	1	1				13
100,000 to 400,000	4	4	5	3	3	2	2	2	2		1	1	1	30
50,000 to 100,000		1	3	1			2							7
25,000 to 50,000		1			1	1		1						4
10,000 to 25,000	1		1											2
<10,000														
Total	6	8	14	8	4	3	6	4	5	1	1	1	2	63

[a]"Eastern" includes locations east of the Mississippi River in addition to Minnesota, Iowa, Missouri, Arkansas, and Louisiana. Fuels are generally higher in sulfur content in this area than in the "western" states.

[b]Secondary standard, 60 $\mu g/m^3$.

[c]Primary standard, 80 $\mu g/m^3$.

Table 3-9. ANNUAL ARITHMETIC MEAN CONCENTRATION OF SULFUR DIOXIDE IN WESTERN[a] CITIES

Incorporated city population (1970 census)	Concentration SO_2, $\mu g/m^3$												
	≤10	11 to 20	21 to 30	31 to 40	41 to 50	51 to 60[b]	61 to 70	71 to 80[c]	81 to 90	91 to 100	101 to 110	111 to 120	>120	Total
>3 million														
1 to 3 million														
700,000 to 1 million	1	1												2
400,000 to 700,000	3	2	1											6
100,000 to 400,000	5	3	2			1								11
50,000 to 100,000		1												1
25,000 to 50,000	1													1
10,000 to 25,000	1													1
<10,000														
Total	11	7	3			1								22

[a]"Western" includes locations west of the Mississippi River except Minnesota, Iowa, Missouri, Arkansas, and Louisiana. Low-sulfur fuels are more widely used in this area.

[b]Secondary standard, 60 $\mu g/m^3$.

[c]Primary standard, 80 $\mu g/m^3$.

Table 3-10. SUMMARY OF AVERAGE CONCENTRATIONS OF GASEOUS POLLUTANTS, CONTINUOUS AIR MONITORING PROJECTS

	Arithmetic average concentration, ppm				
	1964	1965	1966	1967	1968
Carbon monoxide					
Chicago	12.0	17.1	12.5	a	6.2
Cincinnati	a	4.0	4.9	5.6	5.6
Denver		7.2	7.9	7.6	5.4
Philadelphia	7.1	8.1	6.8	6.3	8.6
San Francisco	5.2				
St. Louis	6.3	6.5	5.8	5.6	4.6
Washington, D. C.	5.7	3.7	3.3	4.9	3.4
Nitric oxide					
Chicago	0.100	0.096	0.101	0.072	0.072
Cincinnati	0.038	0.031	0.042	0.032	0.065
Denver		0.033	0.039	0.037	0.037
Philadelphia	0.045	0.049	0.059	0.063	0.054
San Francisco	0.089				
St. Louis	0.036	0.026	0.032	0.035	0.032
Washington, D. C.	0.034	0.032	0.036	0.047	0.035
Nitrogen dioxide					
Chicago	0.046	0.043	0.057	0.050	0.048
Cincinnati	0.032	0.035	0.036	0.028	0.032
Denver		0.036	0.034	0.037	0.036
Philadelphia	0.038	0.037	0.039	0.043	0.039
San Francisco	0.057				
St. Louis	0.033	0.026	0.034	0.024	0.023
Washington, D. C.	0.037	0.035	0.035	0.043	0.047
Sulfur dioxide					
Chicago	0.175	0.130	0.084	0.125	0.117
Cincinnati	0.038	0.030	0.031	a	0.017
Denver		0.019	0.011	0.005	0.013
Philadelphia	0.081	0.084	0.091	0.098	0.081
San Francisco	0.017				
St. Louis	0.059	0.047	0.042	0.029	0.028
Washington, D. C.	0.047	0.046	0.044	a	0.037
Total hydrocarbons					
Chicago	3.0	2.6	2.8	3.0	2.9
Cincinnati	3.0	2.8	a	2.5	2.6
Denver		2.5	2.4	2.4	2.9
Philadelphia	2.2	2.2	2.5	2.4	2.2
San Francisco	2.8				
St. Louis	3.1	2.9	3.0	a	3.4
Washington, D. C.	3.0	2.1	2.4	a	2.2
Total oxidants					
Chicago	0.030	0.026	0.021	0.029	0.024
Cincinnati	0.028	0.033	a	0.031	0.023
Denver		0.033	0.030	a	0.030
Philadelphia	0.026	0.026	0.032	0.026	0.023
San Francisco	0.020				
St. Louis	0.031	0.032	0.037	0.035	0.022
Washington, D. C.	0.030	0.028	0.027	0.025	0.027

[a]No average calculated because of insufficient or poorly distributed data.

Table 3-11. DAYS WITH MAXIMUM HOURLY OXIDANT CONCENTRATIONS EQUAL TO OR GREATER THAN SPECIFIED CONCENTRATIONS, CONTINUOUS AIR MONITORING PROJECTS

City	Year	Valid data, days/yr	Specified concentration: 0.15 ppm		0.10 ppm		0.05 ppm	
			Days	Percent	Days	Percent	Days	Percent
Chicago	1964	259	0	0.0	8	3.1	135	52
	1965	275	0	0.0	8	2.9	107	39
	1966	235	3	1.3	6	2.6	52	22
	1967	255	1	0.4	16	6.3	113	44
	1968	243	5	2.1	14	5.8	92	38
Cincinnati	1964	304	4	1.3	30	9.9	122	40
	1965	311	4	1.3	14	4.8	162	52
	1966	208	0	0.0	1	0.5	54	26
	1967	248	1	0.4	20	8.1	122	49
	1968	115[a]	0	0.0	6	5.2	45	39[a]
Denver	1965	284	13	4.6	43	15.1	205	72
	1966	298	9	3.0	46	15.4	187	63
	1967	166[a]	4	2.4	12	7.2	76	46[a]
	1968	218	4	1.8	25	11.5	133	61
Philadelphia	1964	293	9	3.1	34	11.6	124	42
	1965	261	3	1.1	20	7.7	97	37
	1966	315	19	6.0	52	16.5	145	46
	1967	282	3	1.1	28	9.9	124	44
	1968	192[a]	3	1.6	11	5.7	66	34[a]
St. Louis	1964	254	5	2.0	24	9.4	139	55
	1965	328	7	2.1	28	8.5	178	54
	1966	292	5	1.7	33	11.3	174	60
	1967	289	4	1.4	38	13.1	185	64
	1968	223[a]	1	0.4	4	1.8	78	35[a]
Washington	1964	292	4	1.4	37	12.7	154	53
	1965	281	2	0.7	25	8.9	125	45
	1966	325	2	0.6	27	8.3	134	41
	1967	322	5	1.6	27	8.4	137	43
	1968	250	8	3.2	32	12.8	126	50

[a]Data are deceptively low because of low validity in the summer months when oxidant is typically high.

SECTION 4.
URBAN AND NONURBAN
SUSPENDED PARTICULATE MATTER

Table 4-1. SUSPENDED PARTICULATE MATTER, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Frequency distribution, percent										Max	Arith mean	Geo mean	
			Min	10	20	30	40	50	60	70	80	90				
ALABAMA																
GADSDEN																
SITE 01	68	25	17	42	58	67	68	74	78	100	119	171	398	98	80	1.88
HUNTSVILLE																
SITE 01	68	26	25	40	45	48	55	59	65	69	73	97	132	64	60	1.44
MOBILE																
SITE 01	68	25	47	82	87	93	124	132	134	160	190	230	298	142	129	1.57
MONTGOMERY																
SITE 01	68	26	29	51	56	60	73	75	81	88	101	135	152	82	76	1.52
ALASKA																
ANCHORAGE																
SITE 03	68	26	11	17	35	41	53	65	85	111	122	160	190	77	60	2.21
FAIRBANKS																
SITE 01	68	24	54	60	69	82	111	177	227	236	317	382	715	207	157	2.15
ARIZONA																
MARICOPA COUNTY																
SITE 01	68	26	14	24	30	31	42	48	54	60	70	77	89	49	44	1.61
PHOENIX																
SITE 02	68	26	68	95	105	119	125	132	139	187	194	238	284	150	142	1.42
TUCSON																
SITE 01	68	26	29	34	50	59	63	68	80	85	107	127	142	76	70	1.53
ARKANSAS																
EL DORADO																
SITE 01	*68	25	31	38	41	51	56	58	65	82	87	110	123	67	62	1.51
FORT SMITH																
SITE 01	*68	25	27	38	46	53	60	64	69	74	78	89	101	64	61	1.41
LITTLE ROCK																
SITE 01	68	25	37	49	52	55	60	62	67	77	84	102	181	74	69	1.44
SITE 02	*68	27	15	34	70	84	88	99	111	113	136	171	256	105	91	1.84
TEXARKANA																
SITE 01	68	26	32	35	40	43	50	50	56	63	65	112	151	60	55	1.50
WEST MEMPHIS																
SITE 01	68	26	39	44	58	61	69	70	81	95	97	136	399	90	78	1.62
CALIFORNIA																
BAKERSFIELD																
SITE 01	*68	23	68	112	121	125	134	148	160	183	210	282	505	175	159	1.53
BURBANK																
SITE 01	68	26	29	53	74	85	95	103	129	150	166	201	339	122	103	1.87
FRESNO																
SITE 02	*68	26	35	47	71	88	103	105	122	129	133	146	391	116	102	1.64
GLENDALE																
SITE 01	68	26	19	64	70	73	79	87	90	102	128	161	216	98	90	1.58
LONG BEACH																
SITE 01	68	26	35	58	74	87	95	108	118	160	178	253	290	132	114	1.73
LOS ANGELES																
SITE 01	68	26	63	101	106	110	120	126	127	144	161	183	272	135	129	1.33
MONTEREY																
SITE 01	*68	24	22	24	28	34	37	41	54	59	66	78	101	49	44	1.55
OAKLAND																
SITE 01	68	25	42	45	56	71	72	79	82	98	103	158	248	92	83	1.56
ONTARIO																
SITE 01	68	24	46	52	62	88	101	127	155	175	183	207	389	135	116	1.76
PASADENA																
SITE 01	68	26	28	70	82	90	99	101	120	132	138	178	195	113	106	1.50
RIVERSIDE																
SITE 01	68	26	43	61	70	85	100	105	154	175	194	204	255	130	116	1.63
SACRAMENTO																
SITE 01	68	26	21	29	43	55	60	63	74	79	99	113	148	70	63	1.64
SALINAS																
SITE 01	*68	31	40	48	54	62	67	80	84	93	147	157	258	96	84	1.66

*Data contributed by state or local agency.

Table 4-1 (continued). SUSPENDED PARTICULATE MATTER, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m3													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
CALIFORNIA																
SAN BERNARDINO																
SITE 01	68	26	24	42	55	64	75	90	123	159	167	192	213	108	92	1.82
SAN DIEGO																
SITE 01	68	26	27	38	43	45	49	58	66	69	91	121	161	69	62	1.58
SAN FRANCISCO																
SITE 01	68	26	30	45	60	63	74	82	88	120	135	155	163	92	84	1.59
SANTA ANA																
SITE 01	*68	24	45	55	62	77	83	87	100	124	145	191	225	105	95	1.56
SANTA CRUZ																
SITE 01	*68	27	13	19	49	58	67	69	74	75	82	93	105	65	58	1.72
COLORADO																
ADAMS COUNTY																
SITE 01	* 68	89	12	44	57	74	84	98	116	129	143	179	288	107	93	1.77
ARVADA																
SITE 01	* 68	93	15	59	69	81	93	103	117	128	155	181	299	114	101	1.65
AURORA																
SITE 01	* 68	91	14	47	59	69	80	86	95	107	122	142	350	93	83	1.63
BOULDER																
SITE 01	* 68	94	16	38	47	54	59	66	74	82	99	130	255	76	68	1.64
COLORADO SPRINGS																
SITE 03	*68	92	23	50	57	62	75	84	96	108	128	147	213	92	83	1.63
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SITE 02	68	157	42	74	95	111	132	145	177	203	273	374	655	188	157	1.82
SITE 03	*68	92	35	59	76	86	98	117	127	140	151	190	413	123	110	1.59
SITE 04	* 68	98	31	69	90	108	122	145	157	183	223	271	400	158	139	1.69
SITE 06	* 68	97	23	42	48	59	66	76	87	100	110	133	292	86	76	1.63
SITE 07	* 68	93	14	38	46	54	57	70	75	86	96	120	227	77	68	1.64
SITE 08	* 68	89	22	49	64	76	84	91	105	116	134	172	335	104	92	1.65
DURANGO																
SITE 03	* 68	80	22	37	53	60	63	73	87	108	132	155	260	92	79	1.76
ENGLEWOOD																
SITE 01	* 68	91	27	52	67	72	81	89	110	134	159	204	294	112	98	1.70
FORT COLLINS																
SITE 01	* 68	83	13	45	58	68	75	89	96	110	123	155	350	96	84	1.69
GARFIELD COUNTY																
SITE 01	* 68	96	27	50	82	92	111	140	163	185	231	280	503	156	128	1.88
GLENWOOD SPRINGS																
SITE 01	* 68	98	16	43	52	57	67	83	90	102	115	137	189	85	76	1.67
GOLDEN																
SITE 01	* 68	95	14	34	40	48	60	72	78	86	105	134	203	76	66	1.73
GRAND JUNCTION																
SITE 03	* 68	95	18	40	54	63	75	84	95	105	124	150	240	90	80	1.66
GREELEY																
SITE 02	* 68	87	14	35	47	58	62	73	84	92	105	149	398	86	72	1.79
SITE 03	* 68	95	14	38	51	65	75	86	100	114	122	164	242	93	81	1.77
LA JUNTA																
SITE 01	* 68	97	14	34	43	53	59	66	70	79	96	108	177	69	63	1.58
LAKEWOOD																
SITE 01	* 68	95	24	35	44	50	58	70	74	84	98	122	242	74	66	1.61
LONGMONT																
SITE 01	* 68	81	25	44	68	81	89	98	115	126	153	182	250	109	97	1.67
MANITOU SPRINGS																
SITE 01	* 68	98	20	36	49	58	68	81	87	99	113	134	204	83	75	1.63
MONTROSE																
SITE 01	* 68	92	26	51	61	74	84	98	111	117	133	158	300	103	93	1.57

*Data contributed by state or local agency.

Table 4-1 (continued). SUSPENDED PARTICULATE MATTER, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
COLORADO																
PUEBLO																
SITE 01	*'68	84	18	66	79	103	116	134	154	173	189	244	360	142	124	1.76
SITE 02	*68	82	24	61	66	78	87	96	107	115	134	161	281	105	95	1.57
SITE 03	*68	83	28	74	93	106	117	124	135	158	175	210	332	136	125	1.51
SITE 04	*68	87	10	35	44	52	57	65	69	81	89	111	194	69	62	1.62
SITE 05	*68	87	27	45	56	69	76	87	93	103	125	155	231	94	85	1.59
ROCKY FORD																
SITE 01	*68	94	24	44	61	78	88	95	101	114	128	153	242	99	90	1.60
STERLING																
SITE 01	*68	73	31	39	52	62	71	78	86	107	129	174	264	93	81	1.69
TRINIDAD																
SITE 01	*68	94	27	58	69	81	91	100	114	133	154	182	296	113	102	1.61
CONNECTICUT																
BRIDGEPORT																
SITE 01	*68	31	44	54	63	73	79	83	86	91	100	103	143	83	80	1.32
HARTFORD																
SITE 01	68	26	28	32	40	41	55	61	66	75	87	118	165	67	60	1.58
NEW BRITAIN																
SITE 01	*68	30	29	59	67	74	81	84	100	109	128	137	206	97	91	1.49
NEW HAVEN																
SITE 01	68	26	32	40	49	52	56	68	83	89	96	119	145	74	68	1.51
NORWICH																
SITE 01	*68	27	42	44	50	58	62	67	71	74	94	111	179	73	68	1.42
STAMFORD																
SITE 01	*68	22	25	41	65	70	79	85	107	125	127	171	179	98	88	1.66
DELAWARE																
NEWARK																
SITE 01	68	25	17	38	49	54	58	66	78	92	94	104	123	71	64	1.63
WILMINGTON																
SITE 01	68	23	79	82	83	89	107	122	131	146	155	164	261	125	119	1.38
DC																
WASHINGTON																
SITE 01	68	26	27	56	69	72	76	82	94	113	121	129	176	92	86	1.47
FLORIDA																
JACKSONVILLE																
SITE 02	68	25	21	51	56	67	73	81	92	105	110	125	132	84	78	1.53
MIAMI																
SITE 02	*68	23	22	29	36	36	41	45	46	55	64	69	94	49	46	1.46
PUNTA GORDA																
SITE 01	*68	22	10	11	18	18	20	22	25	61	64	65	67	34	27	1.92
TAMPA																
SITE 02	68	24	48	50	57	69	72	80	86	93	122	211	295	99	87	1.62
WINTER HAVEN																
SITE 01	*68	25	22	23	28	36	41	42	44	52	55	71	108	46	42	1.50
GEORGIA																
ATLANTA																
SITE 01	68	26	23	44	59	65	80	84	96	115	121	138	181	90	81	1.61
AUGUSTA																
SITE 01	*68	26	36	47	58	63	65	75	96	118	151	172	214	99	87	1.67
BRUNSWICK																
SITE 01	*68	28	29	42	49	61	68	69	78	81	88	132	201	78	71	1.52
LYONS																
SITE 01	*68	23	9	11	16	17	31	31	35	40	48	71	82	35	29	1.90
ROME																
SITE 01	*68	26	30	56	59	60	65	69	72	82	95	104	170	78	73	1.41
ROSSVILLE																
SITE 01	*68	27	33	60	78	113	123	188	232	245	402	483	759	235	175	2.26
SAVANNAH																
SITE 01	*68	25	46	65	74	77	83	88	106	135	148	218	412	124	107	1.70

*Data contributed by state or local agency.

Table 4-1 (continued). SUSPENDED PARTICULATE MATTER, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
GEORGIA																
VALDOSTA																
SITE 01	*68	24	48	50	66	77	82	89	95	105	151	157	329	106	95	1.56
HAWAII																
HONOLULU																
SITE 01	68	26	24	27	29	35	38	40	44	50	54	74	83	45	42	1.41
IDAHO																
BOISE																
SITE 01	68	26	25	29	34	44	59	62	69	77	92	129	154	67	59	1.67
ILLINOIS																
BLUE ISLAND																
SITE 01	*68	135	27	55	66	87	104	111	123	151	187	231	419	130	112	1.74
CALUMET CITY																
SITE 01	*68	135	27	54	70	84	93	100	114	133	147	189	342	114	102	1.62
CHICAGO																
SITE 01	68	25	44	62	72	79	93	115	117	160	176	211	257	124	112	1.60
SITE 02	68	151	37	97	118	135	156	173	189	208	229	268	496	179	165	1.51
CHICAGO HEIGHTS																
SITE 01	*68	137	14	34	46	51	57	64	73	88	97	130	319	76	66	1.69
CICERO																
SITE 01	*68	142	40	60	79	93	107	116	129	155	177	201	376	128	115	1.60
COOK COUNTY																
SITE 01	*68	137	22	55	73	91	103	115	140	149	191	221	391	132	115	1.72
EAST ST LOUIS																
SITE 01	68	26	53	72	82	97	108	114	122	128	159	186	229	121	114	1.45
FLOSSMOOR																
SITE 01	*68	136	11	30	40	49	56	65	74	85	99	125	247	74	63	1.80
FRANKLIN PARK																
SITE 01	*68	146	16	36	53	58	73	84	101	116	132	165	327	93	81	1.74
HARVEY																
SITE 01	*68	143	16	48	66	77	87	93	105	121	153	179	348	108	95	1.69
HILLSIDE																
SITE 01	*68	143	17	44	55	66	79	88	100	111	123	157	269	96	85	1.67
JOLIET																
SITE 01	68	22	51	68	91	107	110	120	140	147	151	182	233	125	116	1.48
MIDLOTHIAN																
SITE 01	*68	136	20	46	59	64	77	86	99	116	142	198	329	104	89	1.75
NILES																
SITE 01	*68	129	8	26	41	55	64	71	92	109	132	168	324	89	72	2.00
ORLAND PARK																
SITE 01	*68	140	18	39	58	67	76	87	101	116	143	180	383	102	87	1.77
PALATINE																
SITE 01	*68	138	5	24	33	43	55	64	77	97	109	140	226	76	61	2.01
RIVER FOREST																
SITE 01	*68	132	21	41	57	68	89	98	117	134	151	175	280	107	93	1.74
ROCKFORD																
SITE 01	68	26	32	37	55	58	64	72	85	90	94	130	274	83	74	1.60
SPRINGFIELD																
SITE 01	68	23	35	49	51	59	63	65	71	78	79	95	108	68	66	1.30
WILMETTE																
SITE 01	*68	138	12	29	39	49	58	67	78	88	110	148	790	81	66	1.89
INDIANA																
EAST CHICAGO																
SITE 01	68	26	73	90	95	110	116	134	147	172	182	354	390	161	144	1.57
HAMMOND																
SITE 01	68	26	51	57	62	77	82	86	93	120	134	177	235	104	95	1.52
INDIANAPOLIS																
SITE 01	68	25	65	78	91	111	114	118	135	139	145	187	252	128	122	1.38
SOUTH BEND																
SITE 01	68	24	44	48	60	80	92	113	144	159	175	220	706	146	115	1.93

*Data contributed by state or local agency.

Table 4-1-(continued). SUSPENDED PARTICULATE MATTER, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
IOWA																
CEDAR RAPIDS																
SITE 01	68	26	45	54	62	64	73	89	106	124	148	171	188	100	91	1.54
DES MOINES																
SITE 01	68	26	43	44	67	76	81	84	91	104	122	209	240	100	90	1.60
DUBUQUE																
SITE 01	68	23	15	69	81	90	97	102	126	152	157	192	248	122	108	1.76
KANSAS																
KANSAS CITY																
SITE 01	68	25	39	55	63	67	79	92	101	106	110	135	197	93	87	1.45
TOPEKA																
SITE 01	68	26	13	18	30	56	63	67	69	81	89	103	236	72	61	1.85
WICHITA																
SITE 01	68	25	25	36	41	51	56	64	65	70	70	77	96	60	58	1.37
KENTUCKY																
ASHLAND																
SITE 02	68	23	50	70	75	109	111	121	154	163	177	188	249	132	122	1.53
COVINGTON																
SITE 01	68	25	34	53	55	67	79	87	93	103	121	139	159	90	83	1.50
LEXINGTON																
SITE 01	68	25	30	42	63	69	74	82	89	96	102	134	167	85	79	1.52
LOUISVILLE																
SITE 01	68	25	74	93	111	129	145	159	171	186	191	316	415	176	161	1.54
LOUISIANA																
NEW ORLEANS																
SITE 02	68	26	51	56	66	76	83	88	90	101	103	106	150	87	84	1.28
MAINE																
PORTLAND																
SITE 02	68	22	32	42	48	52	56	59	80	93	125	151	345	93	75	1.85
MARYLAND																
BALTIMORE																
SITE 01	68	26	36	52	74	79	84	90	96	113	149	194	276	110	98	1.60
MASSACHUSETTS																
BOSTON																
SITE 01	68	25	43	56	69	82	88	100	101	109	115	151	176	98	93	1.42
WORCESTER																
SITE 01	68	25	32	38	44	60	62	73	86	97	106	131	211	82	74	1.61
MICHIGAN																
DETROIT																
SITE 01	68	26	42	61	77	90	131	136	169	195	224	283	300	154	134	1.75
FLINT																
SITE 01	68	26	35	38	43	57	61	65	77	85	102	126	192	77	69	1.56
GRAND RAPIDS																
SITE 01	68	26	36	42	45	67	84	100	112	118	140	162	256	104	90	1.73
TRENTON																
SITE 01	68	25	46	65	72	85	89	93	112	144	155	213	251	117	107	1.56
MINNESOTA																
DULUTH																
SITE 01	68	24	18	24	31	42	49	53	80	95	131	203	270	86	64	2.15
MINNEAPOLIS																
SITE 01	68	26	28	43	48	53	63	73	81	88	95	106	361	84	72	1.66
MOORHEAD																
SITE 01	68	26	11	38	49	54	60	64	72	89	106	131	317	81	66	1.92
ST PAUL																
SITE 01	68	26	31	39	54	58	62	66	105	110	127	261	307	104	84	1.89
MISSISSIPPI																
JACKSON																
SITE 02	68	26	28	39	68	68	72	77	84	93	94	112	154	80	75	1.47
MISSOURI																
KANSAS CITY																
SITE 01	68	25	25	49	62	84	88	93	106	114	123	183	242	105	94	1.63
ST LOUIS																
SITE 02	68	155	45	72	90	103	114	127	145	173	196	256	378	148	132	1.60

*Data contributed by state or local agency.

Table 4-1 (continued). SUSPENDED PARTICULATE MATTER, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
MISSOURI																
ST LOUIS																
SITE 07	*68	49	43	64	86	110	137	153	170	191	267	324	605	178	151	1.79
SITE 12	*68	44	28	42	48	63	68	78	97	112	116	126	240	87	78	1.60
MONTANA																
HELENA																
SITE 01	68	24	12	20	25	32	38	40	47	50	64	90	202	52	41	1.93
NEBRASKA																
OMAHA																
SITE 01	68	25	57	79	86	103	108	123	129	174	208	240	353	151	136	1.60
NEVADA																
LAS VEGAS																
SITE 01	68	25	51	60	71	77	80	89	117	133	149	184	190	108	100	1.50
RENO																
SITE 01	68	26	35	45	51	53	65	75	101	137	153	230	253	107	89	1.84
NEW HAMPSHIRE																
CONCORD																
SITE 01	68	25	12	14	16	26	27	35	38	44	55	78	88	39	33	1.79
NEW JERSEY																
BAYONNE																
SITE 01	68	21	27	53	57	68	72	85	92	126	149	154	176	97	86	1.66
BURLINGTON COUNTY																
SITE 02	68	26	15	43	53	62	66	74	89	103	122	145	196	87	76	1.75
CAMDEN																
SITE 01	68	26	67	72	89	102	111	123	128	139	168	223	236	131	123	1.44
GLASSBORO																
SITE 01	68	25	15	39	46	53	56	59	69	82	88	130	138	71	64	1.66
HAMILTON																
SITE 01	68	23	26	47	53	63	67	78	86	93	106	154	209	85	77	1.59
JERSEY CITY																
SITE 01	68	25	31	63	67	88	95	102	114	124	137	172	239	109	101	1.53
NEWARK																
SITE 01	68	24	32	41	58	68	75	90	95	102	116	161	200	93	83	1.60
PATERSON																
SITE 01	68	26	31	40	48	59	71	80	91	104	110	143	241	88	78	1.65
PERTH AMBOY																
SITE 01	68	26	39	49	69	73	79	82	96	103	111	139	210	92	85	1.49
TRENTON																
SITE 01	68	24	28	41	47	52	56	62	65	75	90	99	132	67	62	1.45
NEW MEXICO																
ALBUQUERQUE																
SITE 01	68	26	35	47	57	78	89	90	94	113	121	134	190	94	87	1.53
NEW YORK																
AKRON																
SITE 01	*68	53	23	37	49	57	62	71	86	102	110	125	182	80	72	1.61
ALBANY																
SITE 02	*68	59	27	69	86	98	107	121	135	150	176	196	267	128	117	1.54
BABYLON																
SITE 01	*68	57	6	33	41	49	56	61	68	76	90	115	163	67	59	1.72
BINGHAMTON																
SITE 02	*68	44	33	45	50	60	64	70	74	77	95	115	145	74	70	1.41
SITE 03	*68	58	21	37	46	52	61	65	77	85	94	114	185	73	66	1.57
BUFFALO																
SITE 01	*68	51	47	59	67	75	84	93	97	114	130	193	303	109	98	1.56
SITE 02	*68	59	38	53	61	64	74	80	86	93	116	140	339	92	84	1.49
SITE 03	*68	54	12	78	105	141	152	180	218	226	286	369	523	204	172	1.90
CHEEKTOWAGA NW																
SITE 01	*68	59	30	52	73	82	95	100	110	127	139	199	300	110	100	1.58
COHOES																
SITE 01	*68	52	16	34	46	54	62	70	75	89	102	123	177	75	67	1.67

*Data contributed by state or local agency.

Table 4-1 (continued). SUSPENDED PARTICULATE MATTER, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
NEW YORK COLONIE SITE 01	*68	56	23	35	43	49	60	66	71	80	88	97	152	67	62	1.52
COLUMBIA COUNTY SITE 01	*68	56	8	21	24	27	29	33	38	43	49	64	82	37	34	1.59
DUTCHESS COUNTY SITE 01	*68	57	13	20	26	34	37	39	43	47	61	69	97	43	39	1.58
EAST SYRACUSE SITE 01	*68	57	20	59	63	71	93	112	122	125	137	178	377	111	97	1.72
ELLENVILLE SITE 01	*68	55	17	33	50	57	65	72	80	86	101	114	195	76	68	1.66
ELMIRA SITE 01	*68	56	26	38	42	49	60	64	66	75	79	85	121	63	59	1.42
ENDICOTT SITE 01	*68	48	7	26	40	42	49	59	69	76	90	119	168	65	54	1.93
SITE 02	*68	50	11	23	38	44	53	60	75	87	97	135	244	73	60	1.93
ERIE COUNTY SITE 01	*68	51	33	52	58	62	72	77	82	87	96	121	255	85	78	1.49
SITE 11	*68	61	9	17	21	26	30	35	38	42	48	62	86	36	32	1.66
GARDEN CITY SITE 01	*68	49	22	38	44	51	54	59	61	72	79	103	159	64	59	1.44
GLENS FALLS SITE 01	*68	58	21	30	39	45	51	52	58	66	75	91	225	60	54	1.56
JOHNSON CITY SITE 01	*68	48	14	43	48	54	64	72	78	86	100	106	353	70	69	1.67
JOHNSTOWN SITE 01	*68	56	13	18	30	34	40	42	46	51	60	70	93	44	40	1.59
KINGSTON SITE 01	*68	49	29	39	53	66	70	76	83	93	108	149	171	84	77	1.53
LACAWANNA SITE 01	*68	58	44	83	127	154	178	235	256	299	375	460	508	244	206	1.85
SITE 02	*68	59	30	64	95	107	125	144	177	234	284	342	431	182	153	1.85
LEWISTON SITE 01	*68	61	18	35	44	60	72	79	92	123	141	181	314	99	80	1.96
LOCKPORT SITE 02	*68	57	20	30	41	50	63	68	77	84	99	120	157	71	64	1.64
SITE 04	*68	48	20	35	43	54	65	70	85	100	128	141	187	82	71	1.74
MASSENA SITE 01	*68	56	12	15	21	26	31	34	39	47	60	73	98	40	35	1.70
MONROE COUNTY SITE 01	*68	61	17	35	44	54	58	64	74	88	99	119	163	72	65	1.64
MT VERNON SITE 01	*68	57	33	44	56	59	72	79	94	110	124	141	290	90	81	1.58
NEW PALTZ SITE 01	*68	46	34	50	60	66	70	72	86	91	106	140	247	86	80	1.48
NEW ROCHELLE SITE 02	*68	59	39	54	66	71	75	81	88	107	126	136	199	91	86	1.42
NEW YORK CITY SITE 01	68	53	49	77	93	99	108	117	125	139	176	201	241	127	118	1.45
NIAGARA COUNTY SITE 01	*68	54	20	32	42	53	56	64	80	89	97	112	141	69	63	1.60
NIAGARA FALLS SITE 01	*68	54	35	68	80	91	101	113	140	159	192	201	406	133	119	1.63
SITE 02	*68	54	23	43	78	93	107	115	140	172	201	235	370	138	115	1.92
NORTH TONAWANDA SITE 01	*68	56	35	59	81	91	110	119	140	167	182	267	383	142	122	1.74
SITE 02	*68	53	24	37	45	59	71	85	98	113	128	172	373	100	83	1.84

*Data contributed by state or local agency.

Table 4-1 (continued). SUSPENDED PARTICULATE MATTER, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m3													Std geo dev
				Frequency distribution, percent									Max	Arith mean	Geo mean	
			Min	10	20	30	40	50	60	70	80	90				
NEW YORK																
NORTH TONAWANDA																
SITE 04	*68	54	53	98	123	154	189	206	228	248	307	372	664	222	194	1.71
SITE 05	*68	61	30	60	74	83	88	96	110	121	139	167	298	109	99	1.56
ONONDAGA COUNTY																
SITE 01	*68	50	3	18	25	33	39	44	52	59	69	90	106	49	41	1.98
SITE 02	*68	58	15	33	41	62	74	95	112	133	192	268	374	118	90	2.14
OSSINING																
SITE 01	*68	58	30	34	41	50	57	62	71	89	96	109	141	70	64	1.52
PEEKSKILL																
SITE 01	*68	59	33	42	51	63	71	78	85	96	110	134	295	84	77	1.53
POUGHKEEPSIE																
SITE 01	*68	65	20	27	35	38	42	54	58	65	82	96	135	57	51	1.62
RENSSELAER COUNTY																
SITE 01	*68	61	28	57	66	72	80	87	92	99	105	118	143	86	82	1.40
SITE 11	*68	58	5	12	15	18	22	26	28	37	41	51	87	30	25	1.79
ROCHESTER																
SITE 01	*68	52	38	67	75	81	94	98	113	134	162	181	275	116	105	1.55
SITE 02	*68	61	30	48	58	64	72	77	86	91	95	122	142	80	75	1.42
SITE 03	*68	61	22	48	63	77	81	93	104	112	130	156	201	98	89	1.56
ROCKLAND COUNTY																
SITE 01	*68	60	20	33	44	54	64	67	68	82	87	96	141	68	62	1.57
ROME																
SITE 01	*68	51	21	46	52	57	64	69	77	83	93	114	272	78	70	1.59
RYE																
SITE 01	*68	61	29	36	42	47	53	60	71	80	86	98	122	65	61	1.46
SAUGERTIES																
SITE 01	*68	40	27	45	58	63	74	80	88	92	105	126	513	95	82	1.65
SCHENECTADY																
SITE 01	*68	53	18	36	43	51	55	62	66	79	90	105	133	67	62	1.52
SITE 02	*68	57	15	37	44	53	60	68	75	86	98	121	136	72	65	1.62
SCHENECTADY COUNTY																
SITE 01	*68	53	10	18	23	28	34	41	47	57	69	77	134	45	39	1.78
SITE 11	*68	61	8	26	33	38	40	44	49	55	68	80	117	50	45	1.63
SCHOHARIE COUNTY																
SITE 02	*68	54	17	28	39	51	60	63	84	109	137	152	342	87	70	1.96
SLOAN																
SITE 01	*68	61	19	41	61	76	81	95	104	114	130	225	300	107	91	1.81
SOLVAY																
SITE 01	*68	56	23	37	45	51	54	63	79	93	111	143	289	79	69	1.70
SOUTHAMPTON																
SITE 01	*68	55	17	29	32	38	41	45	48	61	69	80	119	51	46	1.55
SUFFERN																
SITE 01	*68	60	17	25	34	39	45	54	58	64	80	99	113	56	51	1.61
SUFFOLK COUNTY																
SITE 01	*68	59	15	25	32	42	48	54	61	70	79	101	152	58	51	1.66
SITE 02	*68	57	17	26	33	34	38	42	48	56	68	85	115	49	45	1.56
SITE 11	*68	57	21	26	35	40	45	51	55	68	76	106	160	58	52	1.61
SITE 22	*68	53	11	29	39	42	55	61	72	89	100	122	142	68	60	1.75
SYRACUSE																
SITE 01	*68	58	19	62	88	102	123	143	168	195	242	321	692	173	142	1.91
SITE 03	*68	58	5	44	58	75	81	91	102	128	155	200	372	111	92	1.96
SITE 04	*68	56	19	57	67	75	90	97	108	118	130	166	282	105	95	1.60
TROY																
SITE 02	*68	61	14	32	40	46	52	55	58	62	69	84	108	56	52	1.49

*Data contributed by state or local agency.

Table 4-1 (continued). SUSPENDED PARTICULATE MATTER, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Frequency distribution, percent											Max	Arith mean	Geo mean	
			Min	10	20	30	40	50	60	70	80	90				
NEW YORK																
UTICA																
SITE 01	*68	55	29	55	59	74	80	92	96	109	129	161	240	98	90	1.54
WEBSTER																
SITE 01	*68	60	8	16	25	28	32	35	38	49	55	68	86	40	35	1.67
WESTCHESTER COUNTY																
SITE 01	*68	60	20	31	42	46	52	54	62	76	99	104	151	65	59	1.57
YONKERS																
SITE 01	*68	46	68	100	119	139	167	175	185	238	284	328	353	194	177	1.56
NORTH CAROLINA																
CHARLOTTE																
SITE 01	68	25	42	51	65	88	94	98	106	128	186	239	492	130	109	1.78
DURHAM																
SITE 01	68	23	54	75	105	121	131	140	144	174	178	191	261	142	133	1.46
NORTH DAKOTA																
BISMARCK																
SITE 01	68	26	27	32	45	49	58	66	69	94	110	165	256	84	70	1.80
FARGO																
SITE 01	*68	26	10	27	35	39	40	45	53	68	76	146	387	73	53	2.14
MINOT																
SITE 01	*68	26	14	25	35	38	53	56	60	71	83	148	891	117	62	2.54
OHIO																
AKRON																
SITE 01	68	25	28	59	77	89	101	121	131	134	143	207	218	120	109	1.60
CANTON																
SITE 01	*68	25	75	87	96	104	109	122	137	143	150	166	236	128	123	1.32
CINCINNATI																
SITE 01	68	26	31	49	74	77	89	96	114	138	158	183	227	110	99	1.64
SITE 02	68	25	22	37	48	64	71	84	88	102	107	135	193	87	78	1.67
SITE 03	68	159	32	57	68	82	90	102	115	127	146	204	462	115	103	1.58
CLEVELAND																
SITE 01	68	26	50	82	92	101	119	125	146	177	191	218	233	139	129	1.47
COLUMBUS																
SITE 01	68	24	38	55	72	83	87	92	106	112	126	130	147	96	91	1.40
DAYTON																
SITE 01	68	26	32	59	74	91	95	103	109	135	142	179	229	112	103	1.55
HAMILTON																
SITE 01	*68	25	36	56	62	79	91	102	113	135	165	178	250	114	102	1.61
LORAIN																
SITE 01	*68	25	23	37	54	63	69	72	77	92	102	170	218	90	78	1.71
STEUBENVILLE																
SITE 01	*68	26	163	173	221	241	295	340	400	427	442	543	1581	368	331	1.58
TOLEDO																
SITE 01	68	26	38	40	55	61	74	85	98	113	132	141	144	91	83	1.54
YOUNGSTOWN																
SITE 01	68	26	55	57	80	82	93	106	121	133	162	204	320	125	112	1.58
OKLAHOMA																
OKLAHOMA CITY																
SITE 01	68	23	21	27	35	40	47	53	55	59	71	80	105	53	49	1.50
TULSA																
SITE 01	68	26	19	29	33	36	43	45	48	54	58	83	124	50	45	1.53
OREGON																
MEDFORD																
SITE 01	68	25	30	49	59	70	92	111	128	160	173	293	374	137	112	1.93
PORTLAND																
SITE 01	68	26	16	23	40	45	56	61	83	92	107	127	327	79	64	1.94
PENNSYLVANIA																
ALLENTOWN																
SITE 01	68	26	45	51	64	69	71	76	87	108	115	148	197	89	83	1.46
ALTOONA																
SITE 01	68	23	46	51	58	63	71	75	85	95	101	161	273	92	83	1.55

*Data contributed by state or local agency.

Table 4-1 (continued). SUSPENDED PARTICULATE MATTER, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, $\mu g/m^3$													Std geo dev
				Frequency distribution, percent												
			Min	10	20	30	40	50	60	70	80	90	Max	Arith mean	Geo mean	
PENNSYLVANIA																
BETHLEHEM																
SITE 02	68	24	38	59	60	67	79	82	91	105	137	150	210	96	87	1.56
HARRISBURG																
SITE 01	68	26	29	32	43	46	58	59	64	76	80	117	188	67	61	1.58
HAZELTON																
SITE 01	68	24	49	61	73	80	81	98	109	124	158	192	301	117	105	1.60
JOHNSTOWN																
SITE 01	68	24	67	72	98	127	132	144	165	181	222	340	495	174	152	1.67
PHILADELPHIA																
SITE 01	68	26	24	64	79	94	113	114	130	147	161	188	331	125	112	1.68
PITTSBURGH																
SITE 01	68	26	69	90	115	120	135	150	189	219	243	311	385	180	161	1.60
READING																
SITE 01	68	25	62	84	92	98	99	126	138	151	178	214	222	133	125	1.43
SCRANTON																
SITE 01	68	26	85	110	144	170	194	234	286	336	372	446	607	264	232	1.68
WARMINSTER																
SITE 01	68	25	13	28	37	46	53	67	73	85	90	133	202	76	63	1.89
WEST CHESTER																
SITE 01	68	25	31	43	47	55	57	62	63	68	73	81	108	62	60	1.33
WILKES BARRE																
SITE 01	68	25	37	68	78	92	109	131	142	155	164	174	229	125	116	1.52
YORK																
SITE 01	68	25	27	69	86	95	99	113	118	119	130	160	212	112	105	1.50
PUERTO RICO																
BAYAMON																
SITE 01	68	26	53	60	63	69	75	81	91	102	113	132	171	91	86	1.38
CATANO																
SITE 02	68	26	72	77	90	93	106	123	137	142	162	218	317	137	126	1.48
GUAYANILLA																
SITE 01	68	26	16	17	19	21	22	24	29	33	34	43	61	28	26	1.42
PONCE																
SITE 01	68	25	91	112	131	161	182	194	213	242	304	323	342	210	196	1.47
RHODE ISLAND																
EAST PROVIDENCE																
SITE 01	68	26	30	34	41	52	59	61	69	78	88	109	120	67	62	1.48
PROVIDENCE																
SITE 01	68	26	47	59	64	66	71	74	104	116	123	144	167	92	86	1.45
SOUTH CAROLINA																
COLUMBIA																
SITE 01	68	24	30	35	41	53	60	72	85	104	123	213	228	91	76	1.82
GREENVILLE																
SITE 01	68	25	34	52	52	64	65	74	83	126	157	266	410	116	92	1.91
SOUTH DAKOTA																
SIOUX FALLS																
SITE 01	68	23	23	32	40	40	49	52	56	61	67	108	392	69	55	1.76
TENNESSEE																
CHATTANOOGA																
SITE 01	68	25	60	66	70	98	128	142	149	164	167	261	424	153	135	1.67
KNOXVILLE																
SITE 01	68	26	39	46	73	76	86	110	117	145	153	180	260	112	100	1.66
MEMPHIS																
SITE 01	68	25	22	43	46	60	65	73	78	95	104	127	187	81	73	1.58
NASHVILLE																
SITE 01	68	25	43	47	59	73	80	107	112	142	153	209	306	116	101	1.70
TEXAS																
AUSTIN																
SITE 01	*68	24	10	27	53	57	60	63	86	86	91	99	142	70	62	1.77
BAYTOWN																
SITE 01	*68	25	12	18	22	23	25	28	29	31	33	42	51	29	27	1.40

*Data contributed by state or local agency.

Table 4-1 (continued). SUSPENDED PARTICULATE MATTER, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m3													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
TEXAS																
BAYTOWN																
SITE 02	*68	27	26	37	44	56	58	62	64	65	71	90	107	62	58	1.41
CLUTE CITY																
SITE 01	*68	24	33	45	54	58	59	70	82	87	94	118	177	76	71	1.46
CORPUS CHRISTI																
SITE 01	*68	26	36	41	45	48	52	52	56	70	76	91	118	61	58	1.37
SITE 02	*68	26	22	24	31	36	41	42	46	50	53	58	61	42	40	1.35
DALLAS																
SITE 02	68	26	27	40	56	62	65	76	85	87	88	104	152	76	71	1.46
FT WORTH																
SITE 01	*68	26	33	48	52	53	60	70	71	80	85	114	158	74	69	1.44
GALVESTON																
SITE 01	*68	25	23	33	35	36	37	42	43	47	50	62	70	43	42	1.32
HOUSTON																
SITE 01	68	26	49	53	57	58	63	64	72	78	90	127	194	79	74	1.42
LAREDO																
SITE 01	*68	27	13	37	64	95	104	118	128	131	134	146	237	107	92	1.90
LUBBOCK																
SITE 01	*68	26	20	41	50	58	68	74	82	100	108	139	164	80	72	1.66
MCALLEN																
SITE 01	*68	26	24	37	48	62	72	75	86	104	112	130	136	81	73	1.60
ODESSA																
SITE 01	*68	25	42	46	53	57	58	62	73	90	100	119	204	78	72	1.48
ORANGE																
SITE 01	*68	25	30	39	43	52	54	60	65	68	75	95	196	66	60	1.51
PASADENA																
SITE 01	68	26	34	38	42	45	53	55	69	88	92	102	152	68	62	1.50
SAN ANTONIO																
SITE 01	68	26	28	33	44	49	54	56	59	60	68	83	196	63	57	1.52
SITE 01	*68	99	1	39	48	52	55	60	65	75	89	100	182	68	61	1.74
SITE 03	*68	109	8	17	24	27	31	36	40	46	49	62	177	39	34	1.69
SITE 04	*68	111	9	18	21	23	27	29	33	38	43	50	99	32	29	1.54
SITE 05	*68	121	5	22	27	32	37	41	43	47	54	66	117	43	39	1.59
SITE 06	*68	119	8	16	20	24	26	30	34	36	42	57	113	33	29	1.66
SITE 07	*68	118	7	44	59	68	72	78	86	96	118	130	179	85	76	1.69
SITE 08	*68	121	9	23	27	29	34	38	44	52	62	71	119	44	40	1.56
SITE 09	*68	119	3	17	22	24	28	30	34	39	42	47	79	32	29	1.57
SITE 11	*68	119	3	20	26	29	32	35	38	47	51	66	110	39	35	1.61
SITE 12	*68	108	38	72	87	96	107	122	134	152	169	193	312	130	121	1.49
SITE 13	*68	111	12	47	55	62	65	73	76	84	91	99	143	74	70	1.42
SITE 14	*68	114	7	17	23	28	31	35	39	43	49	57	123	37	33	1.63
SITE 15	*68	121	29	47	53	66	72	78	85	90	96	110	264	80	75	1.45
SITE 17	*68	120	7	25	29	36	40	45	52	57	65	77	114	49	44	1.59
SITE 18	*68	121	13	26	34	40	44	50	55	61	64	71	206	52	47	1.54
SITE 19	*68	118	10	20	26	34	40	44	50	55	63	76	107	46	41	1.65
SITE 20	*68	111	6	25	30	35	39	45	52	55	61	72	171	48	43	1.64
SITE 21	*68	110	11	17	22	25	27	29	33	36	42	47	123	33	30	1.53
TEXAS CITY																
SITE 01	*68	26	24	28	37	39	41	44	47	51	53	60	70	44	43	1.31
TYLER																
SITE 01	*68	25	12	29	32	38	43	49	52	60	69	75	109	51	47	1.56
WACO																
SITE 01	*68	26	15	46	57	66	69	69	74	83	86	94	154	74	68	1.55

*Data contributed by state or local agency.

Table 4-1 (continued). SUSPENDED PARTICULATE MATTER, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m3													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
TEXAS																
WICHITA FALLS																
SITE 01	*68	25	33	55	63	79	81	86	88	104	110	176	222	99	90	1.56
UTAH																
OGDEN																
SITE 01	68	25	19	27	37	41	43	51	54	61	67	111	200	62	53	1.72
SALT LAKE CITY																
SITE 01	68	26	23	31	45	48	55	64	69	77	92	166	206	76	65	1.73
VERMONT																
BURLINGTON																
SITE 01	68	24	19	22	24	33	38	42	45	50	63	72	77	44	40	1.53
VIRGINIA																
DANVILLE																
SITE 01	68	25	22	37	44	64	70	77	82	96	101	191	425	99	79	1.91
HAMPTON																
SITE 01	68	26	22	33	43	46	61	63	76	80	85	104	117	66	60	1.58
LYNCHBURG																
SITE 01	68	26	61	67	71	78	99	111	115	152	163	225	259	123	111	1.55
NORFOLK																
SITE 01	68	26	46	50	82	86	91	96	106	116	132	151	172	101	95	1.43
PORTSMOUTH																
SITE 01	68	26	32	46	86	88	116	126	138	141	162	188	243	123	110	1.65
RICHMOND																
SITE 02	68	26	31	51	58	61	75	76	92	102	108	131	158	84	78	1.49
ROANOKE																
SITE 01	68	25	21	38	43	63	73	77	82	96	125	191	249	92	77	1.84
WASHINGTON																
AUBURN																
SITE 01	*68	100	8	21	25	31	38	45	54	65	79	101	166	55	46	1.83
BELLEVUE																
SITE 01	*68	102	13	21	27	32	36	43	48	58	68	79	183	48	42	1.68
BREMERTON																
SITE 01	*68	94	11	22	29	35	39	42	48	52	60	67	151	46	42	1.60
EVERETT																
SITE 01	*68	90	15	23	29	32	35	39	52	62	66	91	227	52	44	1.74
SITE 02	*68	83	15	30	38	42	47	48	57	64	77	98	215	59	52	1.60
MARYSVILLE																
SITE 01	*68	86	14	23	30	35	42	49	58	65	78	97	282	60	50	1.80
OLYMPIA																
SITE 01	*68	100	8	16	22	30	33	40	47	54	62	81	182	48	39	1.89
PIERCE COUNTY																
SITE 01	*68	88	10	24	36	47	57	66	81	104	127	169	309	84	66	2.04
RENTON																
SITE 01	*68	103	9	16	22	28	34	38	46	54	60	84	167	46	38	1.86
SEATTLE																
SITE 01	68	26	30	32	36	39	46	53	64	79	85	131	167	67	58	1.68
SITE 01	*68	84	30	39	46	51	57	65	72	81	96	117	210	75	67	1.57
SITE 02	*68	98	7	30	42	47	50	55	64	71	85	101	222	64	57	1.61
SITE 05	*68	102	34	51	63	82	92	102	111	130	155	193	531	123	104	1.74
SITE 06	*68	100	18	31	36	42	48	53	61	73	86	106	233	63	56	1.62
SITE 07	*68	102	15	31	37	41	47	54	60	66	79	97	285	64	55	1.66
SITE 09	*68	103	18	32	35	40	44	47	52	63	71	84	133	53	49	1.48
SPOKANE																
SITE 01	*68	80	21	33	45	52	62	72	79	83	116	129	348	80	70	1.70
TACOMA																
SITE 01	*68	98	16	30	35	40	49	59	73	90	112	147	273	78	63	1.91
SITE 02	*68	86	11	19	28	31	43	48	57	72	84	120	192	59	48	1.95
SITE 03	*68	90	11	17	24	28	32	40	50	57	72	82	108	47	40	1.78

*Data contributed by state or local agency.

Table 4-1 (continued). SUSPENDED PARTICULATE MATTER, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
WASHINGTON																
TACOMA																
SITE 04	*68	100	8	45	58	66	74	80	101	113	141	183	346	101	87	1.79
VANCOUVER																
SITE 01	*68	99	7	29	39	43	48	54	58	68	85	107	148	60	54	1.64
WEST VIRGINIA																
CHARLESTON																
SITE 01	68	26	43	96	132	135	169	242	392	402	425	510	977	306	239	2.11
WISCONSIN																
EAU CLAIRE																
SITE 01	68	24	8	22	30	36	39	40	45	48	59	72	79	43	39	1.64
KENOSHA																
SITE 01	68	26	29	35	45	50	52	56	71	80	92	120	154	70	64	1.57
MADISON																
SITE 01	68	25	23	30	42	48	52	57	62	71	81	141	282	75	62	1.79
MILWAUKEE																
SITE 01	68	25	49	65	86	93	96	165	179	229	249	272	433	165	139	1.83
SUPERIOR																
SITE 01	68	24	28	41	47	57	61	67	93	96	122	143	186	84	75	1.64
WYOMING																
CASPER																
SITE 01	68	26	19	29	42	44	49	52	64	69	71	119	126	61	55	1.59
CHEYENNE																
SITE 01	68	26	12	14	20	21	28	30	34	34	39	48	99	32	29	1.61

*Data contributed by state or local agency.

Table 4-2. SUSPENDED PARTICULATE MATTER, NONURBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Frequency distribution, percent													
			Min	10	20	30	40	50	60	70	80	90	Max	Arith mean	Geo mean	
ARIZONA GRAND CANYON NAT PK SITE 01	68	25	5	8	10	12	13	16	29	32	40	77	126	31	21	2.36
ARKANSAS MONTGOMERY COUNTY SITE 01	68	25	2	13	17	19	21	24	25	25	33	38	50	24	21	1.92
CALIFORNIA HUMBOLDT COUNTY SITE 01	68	26	20	24	29	39	45	50	58	65	66	87	137	53	48	1.62
COLORADO ARAPAHOE COUNTY SITE 01	* 68	85	7	19	22	30	34	38	43	48	54	71	194	43	37	1.75
MESA VERDE NAT PK SITE 01	68	21	4	5	6	8	9	11	13	15	19	27	50	14	11	1.98
DELAWARE KENT COUNTY SITE 01	68	24	12	23	26	32	37	41	44	48	59	75	83	43	39	1.58
IDAHO BUTTE COUNTY SITE 01	68	24	3	4	5	5	6	7	10	15	16	22	32	11	9	1.94
INDIANA MONROE COUNTY SITE 01	68	24	8	24	31	33	35	38	43	44	48	76	92	42	38	1.62
PARKE COUNTY SITE 01	68	25	9	17	27	29	36	37	42	48	49	54	224	44	37	1.77
MAINE ACADIA NAT PK SITE 01	68	26	4	10	13	14	21	25	30	33	33	43	50	25	22	1.85
MARYLAND CALVERT COUNTY SITE 01	68	23	20	30	32	34	36	38	45	50	57	63	94	44	42	1.43
MISSISSIPPI JACKSON COUNTY SITE 01	68	25	13	14	16	18	20	23	23	28	31	43	45	25	23	1.43
MISSOURI SHANNON COUNTY SITE 01	68	25	12	18	19	23	25	25	28	29	33	39	41	27	26	1.36
MONTANA GLACIER NAT PK SITE 01	68	25	2	5	5	6	6	7	8	12	13	25	36	11	8	2.03
NEBRASKA THOMAS COUNTY SITE 01	68	24	6	10	10	13	16	17	20	23	34	50	63	22	19	1.85
NEVADA WHITE PINE COUNTY SITE 01	68	26	1	2	4	5	7	8	9	13	19	24	29	11	8	2.38
NEW HAMPSHIRE COOS COUNTY SITE 01	68	23	5	9	9	10	12	16	19	22	29	30	42	18	15	1.80
NEW YORK JEFFERSON COUNTY SITE 01	68	26	4	9	9	11	16	22	26	37	44	52	102	28	21	2.26
MONROE COUNTY SITE 02	* 68	61	12	25	26	33	37	42	51	56	65	73	132	47	42	1.63
NIAGARA COUNTY SITE 02	* 68	58	13	30	36	42	48	56	64	75	92	109	155	63	55	1.69
NORTH CAROLINA CAPE HATTERAS SITE 01	68	25	15	22	23	31	39	44	53	61	66	116	226	58	47	1.93
NORTH DAKOTA WARD COUNTY SITE 01	* 68	26	4	10	14	16	16	17	24	28	34	52	69	25	20	1.94
OKLAHOMA CHEROKEE COUNTY SITE 01	68	25	10	13	15	20	23	25	28	30	34	36	54	26	24	1.52

*Data contributed by state or local agency.

Table 4-2 (continued). SUSPENDED PARTICULATE MATTER, NONURBAN FREQUENCY DISTRIBUTIONS.

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
OREGON																
CURRY COUNTY																
SITE 01	68	26	16	25	30	36	42	53	64	72	74	78	123	55	49	1.66
PENNSYLVANIA																
CLARION COUNTY																
SITE 01	68	26	11	24	27	29	30	34	39	41	50	58	76	38	35	1.54
RHODE ISLAND																
WASHINGTON COUNTY																
SITE 01	68	26	3	16	21	25	29	37	42	49	61	102	144	46	35	2.21
SOUTH CAROLINA																
RICHLAND COUNTY																
SITE 01	68	23	11	20	22	29	34	36	37	40	45	55	84	37	34	1.56
SOUTH DAKOTA																
BLACK HILLS NAT FOR																
SITE 01	68	26	3	4	5	5	8	8	9	12	13	16	28	10	8	1.77
TEXAS																
CHAMBERS COUNTY																
SITE 01	* 68	24	8	14	18	23	25	27	31	35	39	42	45	28	26	1.54
SITE 02	* 68	24	17	23	28	33	35	37	41	43	54	56	65	39	37	1.41
MATAGORDA COUNTY																
SITE 01	68	25	5	19	20	23	25	25	27	29	32	36	39	26	25	1.49
VERMONT																
ORANGE COUNTY																
SITE 01	68	26	12	14	19	21	23	26	33	36	42	59	80	32	28	1.66
VIRGINIA																
SHENANDOAH NAT PK																
SITE 01	68	26	10	14	22	24	28	29	33	34	37	43	49	29	27	1.51
WASHINGTON																
KING COUNTY																
SITE 01	* 68	96	2	5	7	8	9	13	19	26	33	54	118	22	15	2.49
WYOMING																
YELLOWSTONE PARK																
SITE 01	68	26	2	3	3	4	5	5	6	8	8	17	58	8	6	2.07

*Data contributed by state or local agency.

Table 4-3. SUSPENDED PARTICULATE MATTER, DATA FROM STATIONS NOT MEETING QUARTERLY SAMPLING CRITERIA FOR VALID ANNUAL AVERAGE[a]

Station location	Year	Number of samples	Minimum value	Maximum value
Alabama				
Birmingham				
Site 02	1968	11	136	421
Site 03	1968	16	97	437
California				
Fresno				
Site 01	1968	6	40	130
Pasadena				
Site 02	1968	6	77	170
Illinois				
Rock Island				
Site 01	1968	16	46	298
Indiana				
Muncie				
Site 01	1968	16	23	104
New Albany				
Site 01	1968	14	83	347
Site 02	1968	21	24	197
Terre Haute				
Site 01	1968	21	45	200
Iowa				
Davenport				
Site 01	1968	23	71	291
Dubuque				
Site 02	1968	5	29	222
Missouri				
St. Louis				
Site 01	1968	24	50	379
New Mexico				
Rio Arriba County				
Site 01	1968	16	7	47
Oregon				
Eugene				
Site 01	1968	23	18	177
Pennsylvania				
Erie				
Site 01	1968	4	37	222
Site 02	1968	21	48	216
Lancaster				
Site 01	1968	15	73	233
Wisconsin				
Door County				
Site 01	1968	23	4	87
Racine				
Site 01	1968	18	8	133

[a]Criteria require 5 samples per quarter with at least 2 of the 3 months being represented by any combination of samples. No sample in 1 month and 1 sample in another month would not meet criteria even if 4 or more samples were collected in the final month.

SECTION 5.
URBAN AND NONURBAN BENZENE-SOLUBLE ORGANIC CONSTITUENTS OF SUSPENDED PARTICULATES

Table 5-1. BENZENE-SOLUBLE ORGANIC CONSTITUENTS, URBAN QUARTERLY AND YEARLY AVERAGES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar	3rd quar.	4th quar.	Yrly avg
ALABAMA						
GADSDEN						
SITE 01	68	16.8	6.6	4.6	4.3	8.1
HUNTSVILLE						
SITE 01	68	9.9	4.5	4.1	4.9	5.9
MOBILE						
SITE 01	68	22.8	8.3	15.3	17.7	16.0
MONTGOMERY						
SITE 01	68	16.6	6.4	6.1	12.3	10.4
ALASKA						
ANCHORAGE						
SITE 03	68	7.4	4.6	4.1	5.5	5.4
FAIRBANKS						
SITE 01	68	10.7	12.1	15.1	14.7	13.2
ARIZONA						
MARICOPA COUNTY						
SITE 01	68	3.0	2.2	1.6	3.1	2.5
PHOENIX						
SITE 02	68	13.8	6.4	6.9	20.5	11.9
TUCSON						
SITE 01	68	3.9	3.0	2.6	4.6	3.5
ARKANSAS						
LITTLE ROCK						
SITE 01	68	7.3	4.7	4.6	5.6	5.6
TEXARKANA						
SITE 01	68	5.9	3.1	3.6	6.5	4.8
WEST MEMPHIS						
SITE 01	68	11.0	4.3	4.1	5.1	6.1
CALIFORNIA						
BURBANK						
SITE 01	68	14.9	4.8	9.6	26.3	13.9
GLENDALE						
SITE 01	68	11.2	5.3	8.7	21.4	11.7
LONG BEACH						
SITE 01	68	18.8	2.3	4.2	27.6	13.2
LOS ANGELES						
SITE 01	68	17.6	8.6	9.9	23.7	15.0
OAKLAND						
SITE 01	68	11.5	3.8	4.8	7.6	6.9
ONTARIO						
SITE 01	68	7.7	4.8	6.7	11.5	7.6
PASADENA						
SITE 01	68	12.1	6.3	11.3	18.7	12.1
RIVERSIDE						
SITE 01	68	10.2	4.9	6.4	16.3	9.5
SACRAMENTO						
SITE 01	68	6.6	3.9	5.1	13.3	7.2
SAN BERNARDINO						
SITE 01	68	6.9	5.1	6.9	8.8	6.8
SAN DIEGO						
SITE 01	68	4.3	2.1	3.4	14.0	6.0
SAN FRANCISCO						
SITE 01	68	10.6	4.6	5.0	10.6	7.7
COLORADO						
BOULDER						
SITE 01	* 68	10.0	4.0	5.9	6.5	6.8
COLORADO SPRINGS						
SITE 03	* 68	8.8	4.1	5.3	7.4	6.6
DENVER						
SITE 01	68	7.4	6.2	6.3	11.0	7.7
SITE 01	* 68	19.9	6.8	9.4	15.3	13.1
SITE 03	* 68	22.5	9.8	8.5	10.9	13.2
DURANGO						
SITE 03	* 68	8.2	3.2	3.3	5.7	5.3
ENGLEWOOD						
SITE 01	* 68	19.3	5.2	6.3	12.0	10.1

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
COLORADO						
FORT COLLINS						
SITE 01	* 68	10.4	3.9	5.8	4.9	6.7
GARFIELD COUNTY						
SITE 01	* 68	9.9	4.3	6.1	8.2	6.1
GLENWOOD SPRINGS						
SITE 01	* 68	5.4	3.8	4.0	4.4	4.5
GRAND JUNCTION						
SITE 03	* 68	9.9	4.4	4.3	6.5	6.5
GREELEY						
SITE 03	* 68	8.7	3.2	4.2	8.6	6.3
LA JUNTA						
SITE 01	* 68	4.9	3.0	3.4	4.9	4.1
LAKEWOOD						
SITE 01	* 68	9.1	4.0	4.7	6.7	6.3
MONTROSE						
SITE 01	* 68	8.9	3.6	4.0	6.9	6.0
PUEBLO						
SITE 01	* 68	10.9	5.6	5.6	8.1	7.6
SITE 03	* 68	11.9	6.5	8.6	11.8	9.6
ROCKY FORD						
SITE 01	* 68	8.9	4.5	4.6	8.0	6.4
STERLING						
SITE 01	* 68	7.0	4.5	4.8	5.3	5.4
TRINIDAD						
SITE 01	* 68	6.2	3.8	4.4	5.0	4.9
CONNECTICUT						
HARTFORD						
SITE 01	68	6.4	3.2	4.0	4.5	4.5
NEW HAVEN						
SITE 01	68	4.9	4.3	4.7	5.9	5.0
DELAWARE						
NEWARK						
SITE 01	68	9.8	3.3	2.7	2.5	4.6
WILMINGTON						
SITE 01	68	11.9	7.3	7.3	8.7	8.8
DC						
WASHINGTON						
SITE 01	68	7.6	6.3	6.4	7.8	7.0
FLORIDA						
JACKSONVILLE						
SITE 02	68	9.9	5.2	6.8	16.0	9.5
TAMPA						
SITE 02	68	14.9	3.6	3.4	3.3	6.2
GEORGIA						
ATLANTA						
SITE 01	68	7.2	5.6	5.6	7.8	6.6
HAWAII						
HONOLULU						
SITE 01	68	2.7	2.3	2.2	3.8	2.8
IDAHO						
BOISE						
SITE 01	68	7.9	3.1	4.5	5.7	5.3
ILLINOIS						
CHICAGO						
SITE 01	68	9.1	7.1	6.4	7.0	7.4
EAST ST LOUIS						
SITE 01	68	6.6	4.9	5.3	10.4	6.8
JOLIET						
SITE 01	68	6.8	5.0	5.6	4.2	5.4
ROCKFORD						
SITE 01	68	4.8	3.7	5.0	3.9	4.4
SPRINGFIELD						
SITE 01	68	3.7	3.6	3.6	3.7	3.7
INDIANA						
EAST CHICAGO						
SITE 01	68	8.2	5.1	7.1	7.0	6.9

Table 5-1 (continued). BENZENE-SOLUBLE ORGANIC CONSTITUENTS. URBAN QUARTERLY AND YEARLY AVERAGES

Station location	Year	Concentration, µg/m³ 1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
INDIANA						
HAMMOND						
SITE 01	68	5.7	4.4	4.5	6.2	5.2
INDIANAPOLIS						
SITE 01	68	7.8	8.0	10.5	8.6	8.7
SOUTH BEND						
SITE 01	68	9.7	13.9	10.4	7.4	10.4
IOWA						
CEDAR RAPIDS						
SITE 01	68	2.9	3.0	5.8	3.4	3.8
DES MOINES						
SITE 01	68	5.1	3.8	4.6	4.0	4.4
DUBUQUE						
SITE 01	68	4.4	4.0	4.2	5.5	4.5
KANSAS						
KANSAS CITY						
SITE 01	68	5.0	4.7	6.1	8.8	6.2
TOPEKA						
SITE 01	68	3.3	3.5	2.9	4.3	3.5
WICHITA						
SITE 01	68	3.4	2.5	3.2	4.6	3.4
KENTUCKY						
ASHLAND						
SITE 02	68	11.3	9.0	8.3	8.0	9.2
COVINGTON						
SITE 01	68	9.0	5.2	5.4	5.6	6.3
LEXINGTON						
SITE 01	68	4.9	2.8	4.9	4.7	4.3
LOUISVILLE						
SITE 01	68	8.9	6.9	6.5	9.1	7.9
LOUISIANA						
NEW ORLEANS						
SITE 02	68	9.0	8.5	9.1	8.2	8.7
MAINE						
PORTLAND						
SITE 02	68	6.1	6.2	4.5	5.6	5.6
MARYLAND						
BALTIMORE						
SITE 01	68	9.0	4.5	7.9	8.1	7.5
MASSACHUSETTS						
BOSTON						
SITE 01	68	8.8	3.9	6.1	4.8	6.4
WORCESTER						
SITE 01	68	7.7	4.7	4.7	6.6	5.9
MICHIGAN						
DETROIT						
SITE 01	68	10.7	4.9	5.5	8.3	7.4
FLINT						
SITE 01	68	3.2	2.9	3.8	3.7	3.4
GRAND RAPIDS						
SITE 01	68	6.9	4.4	4.9	5.0	5.3
TRENTON						
SITE 01	68	5.4	4.3	6.4	4.7	5.2
MINNESOTA						
DULUTH						
SITE 01	68	6.3	5.5	3.8	3.8	4.9
MINNEAPOLIS						
SITE 01	68	4.1	4.3	3.6	4.6	4.2
MOORHEAD						
SITE 01	68	3.0	3.2	3.4	3.0	3.2
ST PAUL						
SITE 01	68	6.9	5.4	4.8	4.9	5.5
MISSISSIPPI						
JACKSON						
SITE 02	68	6.4	5.5	4.6	7.8	6.1
MISSOURI						
KANSAS CITY						
SITE 01	68	6.1	4.0	6.9	9.0	6.5

Station location	Year	Concentration, µg/m³ 1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
MONTANA						
HELENA						
SITE 01	68	5.0	1.3	2.8	2.5	2.9
NEBRASKA						
OMAHA						
SITE 01	68	7.6	9.9	6.8	5.0	7.3
NEVADA						
LAS VEGAS						
SITE 01	68	8.3	4.9	3.5	12.3	7.3
RENO						
SITE 01	68	12.7	3.3	4.3	13.1	8.4
NEW HAMPSHIRE						
CONCORD						
SITE 01	68	5.6	2.6	2.2	2.3	3.2
NEW JERSEY						
BAYONNE						
SITE 01	68	5.3	6.8	4.3	6.9	5.8
BURLINGTON COUNTY						
SITE 02	68	5.9	4.6	3.9	4.0	4.6
CAMDEN						
SITE 01	68	4.4	6.7	6.7	5.9	5.9
GLASSBORO						
SITE 01	68	6.6	2.5	4.4	4.0	4.4
HAMILTON						
SITE 01	68	3.6	3.8	6.6	5.0	4.8
JERSEY CITY						
SITE 01	68	5.5	8.1	5.8	6.4	6.5
NEWARK						
SITE 01	68	9.3	6.8	5.8	6.1	7.1
PATERSON						
SITE 01	68	11.1	8.7	5.5	6.2	7.9
PERTH AMBOY						
SITE 01	68	5.6	4.5	4.9	4.2	4.8
TRENTON						
SITE 01	68	3.4	2.9	4.3	2.6	3.3
NEW MEXICO						
ALBUQUERQUE						
SITE 01	68	6.1	3.3	4.4	12.1	6.5
NEW YORK						
BINGHAMTON						
SITE 02	* 68	4.9	4.3	6.5	4.9	5.0
BUFFALO						
SITE 01	* 68	11.1	10.1	8.0	5.9	8.7
ELMIRA						
SITE 01	* 68	4.7	4.3	5.6	5.6	5.0
GARDEN CITY						
SITE 01	* 68	5.9	4.9	6.0	6.0	5.7
MASSENA						
SITE 01	* 68	4.8	3.8	3.8	2.6	3.8
MT VERNON						
SITE 01	* 68	10.2	8.8	10.2	7.8	9.3
NEW ROCHELLE						
SITE 02	* 68	8.9	9.2	10.3	9.1	9.4
NEW YORK CITY						
SITE 01	* 68	8.9	10.3	9.8	8.5	9.3
NIAGARA FALLS						
SITE 01	* 68	8.4	6.5	5.6	4.0	6.0
POUGHKEEPSIE						
SITE 01	* 68	3.1	3.8	5.5	4.5	4.2
ROCHESTER						
SITE 01	* 68	8.9	9.8	6.9	5.1	7.5
SCHENECTADY						
SITE 01	* 68	6.2	4.8	6.0	5.0	5.4
SYRACUSE						
SITE 01	* 68	12.6	9.0	8.1	6.4	9.2

Table 5-1 (continued). BENZENE-SOLUBLE ORGANIC CONSTITUENTS, URBAN QUARTERLY AND YEARLY AVERAGES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar	Yrly avg
NEW YORK						
TROY						
SITE 02	* 68	4.3	2.9	4.8	4.3	4.0
UTICA						
SITE 01	* 68	7.1	5.3	5.8	5.6	6.0
NORTH CAROLINA						
CHARLOTTE						
SITE 01	68	17.1	4.4	5.1	7.2	8.5
DURHAM						
SITE 01	68	14.9	9.6	7.5	10.3	10.6
NORTH DAKOTA						
BISMARCK						
SITE 01	68	3.8	3.1	2.6	4.0	3.4
OHIO						
AKRON						
SITE 01	68	7.3	7.8	5.4	5.9	6.6
CANTON						
SITE 01	* 68	11.0	7.2	7.3	9.7	8.9
CINCINNATI						
SITE 01	68	12.4	5.9	4.9	4.9	7.0
CLEVELAND						
SITE 01	68	9.4	7.0	8.1	6.1	7.7
COLUMBUS						
SITE 01	68	6.1	5.1	3.7	6.2	5.3
DAYTON						
SITE 01	68	6.9	5.6	6.0	6.6	6.3
HAMILTON						
SITE 01	* 68	9.8	8.6	8.5	9.7	9.1
LORAIN						
SITE 01	* 68	7.3	5.5	4.8	5.7	5.8
STEUBENVILLE						
SITE 01	* 68	17.0	10.7	17.0	13.5	14.7
TOLEDO						
SITE 01	68	4.3	4.4	4.9	6.3	5.0
YOUNGSTOWN						
SITE 01	68	8.1	8.3	5.0	9.8	7.8
OKLAHOMA						
OKLAHOMA CITY						
SITE 01	68	3.7	2.8	2.9	4.7	3.5
TULSA						
SITE 01	68	2.4	2.6	3.6	4.3	3.2
OREGON						
MEDFORD						
SITE 01	68	30.5	10.8	10.9	43.0	23.8
PORTLAND						
SITE 01	68	8.8	3.9	5.1	7.2	6.3
PENNSYLVANIA						
ALLENTOWN						
SITE 01	68	5.6	3.8	3.8	4.2	4.4
ALTOONA						
SITE 01	68	13.9	7.2	4.2	20.0	11.3
BETHLEHEM						
SITE 02	68	5.1	5.2	2.9	4.2	4.4
HARRISBURG						
SITE 01	68	6.5	4.7	3.5	3.8	4.6
HAZELTON						
SITE 01	68	8.3	5.2	5.2	6.9	6.4
JOHNSTOWN						
SITE 01	68	14.4	8.4	6.6	9.1	9.6
PHILADELPHIA						
SITE 01	68	11.8	7.2	7.8	7.0	8.5
PITTSBURGH						
SITE 01	68	11.9	9.8	7.1	8.2	9.3
READING						
SITE 01	68	7.5	6.4	6.7	7.0	6.9

Station location	Year	Concentration, µg/m3				
		1st quar	2nd quar	3rd quar.	4th quar	Yrly avg
PENNSYLVANIA						
SCRANTON						
SITE 01	68	22.8	16.7	13.6	21.8	18.7
WARMINSTER						
SITE 01	68	3.6	3.1	2.9	1.9	2.9
WEST CHESTER						
SITE 01	68	3.3	2.6	3.6	3.1	3.2
WILKES BARRE						
SITE 01	68	7.4	5.5	6.1	6.0	6.3
YORK						
SITE 01	68	7.0	6.0	6.6	5.9	6.4
PUERTO RICO						
BAYAMON						
SITE 01	68	2.1	2.3	3.0	3.0	2.6
CATANO						
SITE 02	68	4.1	4.2	6.0	6.1	5.1
GUAYANILLA						
SITE 01	68	1.9	1.1	1.1	1.1	1.3
PONCE						
SITE 01	68	5.8	4.8	5.4	5.8	5.5
RHODE ISLAND						
EAST PROVIDENCE						
SITE 01	68	5.8	5.2	4.6	5.0	5.2
PROVIDENCE						
SITE 01	68	8.9	6.6	6.1	6.1	6.9
SOUTH CAROLINA						
COLUMBIA						
SITE 01	68	14.0	4.8	4.3	12.9	9.0
GREENVILLE						
SITE 01	68	27.2	8.2	6.6	16.1	14.5
SOUTH DAKOTA						
SIOUX FALLS						
SITE 01	68	5.9	3.3	2.3	2.8	3.6
TENNESSEE						
CHATTANOOGA						
SITE 01	68	13.0	8.1	6.8	15.7	10.9
KNOXVILLE						
SITE 01	68	13.0	6.7	5.9	11.5	9.3
MEMPHIS						
SITE 01	68	6.9	4.2	4.5	3.7	4.8
NASHVILLE						
SITE 01	68	11.6	8.8	7.1	11.2	9.7
TEXAS						
ALSTIN						
SITE 01	* 68	5.2	5.0	4.8	5.3	5.1
BAYTOWN						
SITE 01	* 68	3.9	2.7	2.5	3.5	3.1
SITE 02	* 68	5.4	3.9	4.1	5.4	4.7
CLUTE CITY						
SITE 01	* 68	2.1	2.8	4.6	4.9	3.7
CORPUS CHRISTI						
SITE 01	* 68	4.7	2.9	3.7	4.4	3.9
SITE 02	* 68	2.3	2.2	2.6	2.2	2.3
DALLAS						
SITE 02	68	6.4	3.6	4.6	7.1	5.4
FT WORTH						
SITE 01	* 68	5.8	5.0	4.5	9.0	6.0
GALVESTON						
SITE 01	* 68	4.3	2.6	2.9	3.3	3.4
HOUSTON						
SITE 01	68	4.5	2.7	4.0	8.6	5.0
LAREDO						
SITE 01	* 68	4.2	5.4	4.0	5.8	4.8
LUBBOCK						
SITE 01	* 68	4.8	3.9	4.5	5.4	4.7

Table 5-1 (continued). BENZENE-SOLUBLE ORGANIC CONSTITUENTS, URBAN QUARTERLY AND YEARLY AVERAGES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
TEXAS						
MCALLEN						
SITE 01	* 68	5.4	4.3	3.5	4.2	4.4
ODESSA						
SITE 01	* 68	5.4	4.6	6.9	5.0	5.5
ORANGE						
SITE 01	* 68	7.0	4.6	6.8	6.2	6.3
PASADENA						
SITE 01	68	4.8	2.7	3.9	5.7	4.3
SAN ANTONIO						
SITE 01	68	4.2	3.0	2.9	7.6	4.4
TEXARKANA						
SITE 01	* 68	4.0	4.4	5.7	5.5	4.9
TEXAS CITY						
SITE 01	* 68	3.5	2.8	2.9	3.5	3.2
TYLER						
SITE 01	* 68	5.5	5.3	4.8	5.2	5.2
WACO						
SITE 01	* 68	6.1	5.8	4.1	4.3	5.1
WICHITA FALLS						
SITE 01	* 68	7.9	6.1	4.4	6.9	5.8
UTAH						
OGDEN						
SITE 01	68	5.4	2.0	2.2	4.5	3.5
SALT LAKE CITY						
SITE 01	68	7.9	1.9	2.4	4.5	3.7
VERMONT						
BURLINGTON						
SITE 01	68	3.5	1.9	2.4	2.4	2.6
VIRGINIA						
DANVILLE						
SITE 01	68	14.4	5.4	4.3	5.5	7.4
HAMPTON						
SITE 01	68	6.8	3.4	2.6	4.0	4.2

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
LYNCHBURG						
SITE 01	68	18.3	8.1	6.8	9.2	10.6
NORFOLK						
SITE 01	68	8.2	4.6	3.9	5.8	5.6
PORTSMOUTH						
SITE 01	68	8.8	6.3	4.5	13.9	8.4
RICHMOND						
SITE 01	68	8.4	4.6	5.3	4.5	5.7
ROANOKE						
SITE 01	68	17.2	4.6	4.4	7.9	8.5
WASHINGTON						
SEATTLE						
SITE 01	68	9.3	2.9	5.5	8.0	6.4
WEST VIRGINIA						
CHARLESTON						
SITE 01	68	8.7	5.1	4.3	6.2	6.1
WISCONSIN						
EAU CLAIRE						
SITE 01	68	3.8	2.8	2.5	4.7	3.5
KENOSHA						
SITE 01	68	5.0	3.7	3.3	4.3	4.1
MADISON						
SITE 01	68	4.6	4.3	3.9	4.5	4.3
MILWAUKEE						
SITE 01	68	7.9	6.0	4.8	8.6	6.7
SUPERIOR						
SITE 01	68	5.9	2.5	2.2	4.9	3.9
WYOMING						
CASPER						
SITE 01	68	2.5	2.5	2.8	3.1	2.7
CHEYENNE						
SITE 01	68	2.3	2.1	1.6	2.6	2.2

Table 5-2. BENZENE-SOLUBLE ORGANIC CONSTITUENTS, NONURBAN QUARTERLY AND YEARLY AVERAGES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ARIZONA GRAND CANYON NAT PK SITE 01	68	1.3	1.9	2.2	1.3	1.7
ARKANSAS MONTGOMERY COUNTY SITE 01	68	2.2	1.9	2.7	1.7	2.1
CALIFORNIA HUMBOLDT COUNTY SITE 01	68	2.8	1.6	2.5	2.8	2.4
COLORADO MESA VERDE NAT PK SITE 01	68	1.4	1.1	1.4	.9	1.2
DELAWARE KENT COUNTY SITE 01	68	2.3	2.7	2.7	2.3	2.5
IDAHO BUTTE COUNTY SITE 01	68	1.2	1.0	1.0	.9	1.0
INDIANA MONROE COUNTY SITE 01	68	2.0	2.4	3.1	2.1	2.4
PARKE COUNTY SITE 01	68	1.6	2.2	2.2	2.2	2.1
MAINE ACADIA NAT PK SITE 01	68	.6	1.3	4.0	.7	1.7
MARYLAND CALVERT COUNTY SITE 01	68	2.3	3.0	3.4	2.9	2.9
MISSISSIPPI JACKSON COUNTY SITE 01	68	1.4	1.4	1.8	2.3	1.7
MISSOURI SHANNON COUNTY SITE 01	68	1.6	1.8	1.4	2.1	1.7
MONTANA GLACIER NAT PK SITE 01	68	.8	1.2	1.5	1.1	1.2
NEBRASKA THOMAS COUNTY SITE 01	68	1.4	1.6	1.5	1.2	1.4
NEVADA WHITE PINE COUNTY SITE 01	68	.4	1.2	1.0	.8	.9
NEW HAMPSHIRE COOS COUNTY SITE 01	68	1.3	1.6	2.0	1.3	1.6
NEW YORK JEFFERSON COUNTY SITE 01	68	1.1	1.7	1.4	1.1	1.3
NORTH CAROLINA CAPE HATTERAS SITE 01	68	1.4	1.7	1.4	1.6	1.5
OKLAHOMA CHEROKEE COUNTY SITE 01	68	1.4	1.7	1.4	2.1	1.7
OREGON CURRY COUNTY SITE 01	68	.8	.8	.8	1.1	.9
PENNSYLVANIA CLARION COUNTY SITE 01	68	2.2	2.9	3.0	2.6	2.7
RHODE ISLAND WASHINGTON COUNTY SITE 01	68	1.3	2.9	2.7	2.4	2.3
SOUTH CAROLINA RICHLAND COUNTY SITE 01	68	2.4	1.8	2.2	5.7	3.0
SOUTH DAKOTA BLACK HILLS NAT FOR SITE 01	68	1.2	1.6	1.7	1.3	1.5
TEXAS CHAMBERS COUNTY SITE 01	* 68	3.4	1.7	2.4	2.8	2.6
SITE 02	* 68	4.8	2.2	4.4	4.9	4.2
MATAGORDA COUNTY SITE 01	68	1.4	1.2	1.4	1.5	1.4
VERMONT ORANGE COUNTY SITE 01	68	2.3	2.1	2.0	2.2	2.2
VIRGINIA SHENANDOAH NAT PK SITE 01	68	1.8	1.8	2.3	1.4	1.8
WYOMING YELLOWSTONE PARK SITE 01	68	1.0	.9	.6	.8	.8

Table 5-3. BENZO(a)PYRENE, URBAN QUARTERLY AND YEARLY AVERAGES

Station location	Year	Concentration, ng/m³				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg.
ALABAMA						
GADSDEN						
SITE 01	68	4.56	1.25	1.22	2.45	2.37
HUNTSVILLE						
SITE 01	68	6.55	.90	.94	2.57	2.74
MOBILE						
SITE 01	68	7.16	1.23	2.54	5.76	4.17
MONTGOMERY						
SITE 01	68	4.17	.76	.92	5.88	2.93
ALASKA						
ANCHORAGE						
SITE 03	68	2.32	.75	1.25	2.39	1.68
FAIRBANKS						
SITE 01	68	3.45	1.70	4.51	9.14	4.70
ARIZONA						
MARICOPA COUNTY						
SITE 01	68	.24	.31	.58	.74	.47
PHOENIX						
SITE 02	68	1.66	.69	1.23	4.63	2.05
TUCSON						
SITE 01	68	.64	.40	.70	.95	.67
ARKANSAS						
LITTLE ROCK						
SITE 01	68	.69	.54	.85	1.50	.90
TEXARKANA						
SITE 01	68	.56	.49	1.03	1.10	.80
WEST MEMPHIS						
SITE 01	68	4.57	.61	1.04	2.74	2.24
CALIFORNIA						
BURBANK						
SITE 01	68	1.83	.56	1.50	4.86	2.19
GLENDALE						
SITE 01	68	1.13	.70	1.28	3.08	1.55
LONG BEACH						
SITE 01	68	2.30	.49	.78	4.80	2.09
LOS ANGELES						
SITE 01	68	1.29	.91	1.31	3.83	1.84
OAKLAND						
SITE 01	68	2.33	.66	1.08	2.40	1.62
ONTARIO						
SITE 01	68	.56	.43	.98	1.74	.93
PASADENA						
SITE 01	68	1.38	.76	2.08	5.14	2.34
RIVERSIDE						
SITE 01	68	.95	.46	.90	2.87	1.30
SACRAMENTO						
SITE 01	68	.56	.57	1.03	3.55	1.43
SAN BERNARDINO						
SITE 01	68	1.08	.51	1.12	1.30	1.00
SAN DIEGO						
SITE 01	68	.85	.34	.90	2.78	1.22
SAN FRANCISCO						
SITE 01	68	2.03	.64	1.40	3.24	1.83
COLORADO						
DENVER						
SITE 01	68	1.97	.87	1.64	4.54	2.26
CONNECTICUT						
HARTFORD						
SITE 01	68	1.87	.88	1.10	1.85	1.43
NEW HAVEN						
SITE 01	68	1.17	.97	1.22	2.17	1.38
DELAWARE						
NEWARK						
SITE 01	68	1.43	.54	.78	.95	.93
WILMINGTON						
SITE 01	68	2.57	.96	1.19	2.74	1.87

Station location	Year	Concentration, ng/m³				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg.
DC						
WASHINGTON						
SITE 01	68	2.07	1.03	1.73	2.70	1.88
FLORIDA						
JACKSONVILLE						
SITE 02	68	3.37	.66	1.21	6.52	2.94
TAMPA						
SITE 02	68	3.15	.53	.65	1.52	1.46
GEORGIA						
ATLANTA						
SITE 01	68	2.05	.98	.96	3.35	1.84
HAWAII						
HONOLULU						
SITE 01	68	.39	.46	.40	.94	.55
IDAHO						
BOISE						
SITE 01	68	3.23	.74	1.03	3.04	2.01
ILLINOIS						
CHICAGO						
SITE 01	68	3.74	1.75	2.26	4.66	3.10
EAST ST LOUIS						
SITE 01	68	3.68	1.78	1.86	9.17	4.12
JOLIET						
SITE 01	68	1.12	.71	1.51	1.60	1.24
ROCKFORD						
SITE 01	68	1.09	.66	1.10	1.58	1.11
SPRINGFIELD						
SITE 01	68	1.43	.48	.94	1.40	1.06
INDIANA						
EAST CHICAGO						
SITE 01	68	2.97	4.43	5.60	6.91	4.90
HAMMOND						
SITE 01	68	1.64	1.03	1.83	3.83	2.08
INDIANAPOLIS						
SITE 01	68	4.11	2.96	3.51	5.69	4.07
SOUTH BEND						
SITE 01	68	2.89	2.14	3.30	6.30	3.66
IOWA						
CEDAR RAPIDS						
SITE 01	68	.48	.34	1.07	.91	.70
DES MOINES						
SITE 01	68	1.04	.66	.98	1.82	1.13
DUBUQUE						
SITE 01	68	1.72	.61	.78	2.18	1.32
KANSAS						
KANSAS CITY						
SITE 01	68	.83	.46	.93	2.60	1.21
TOPEKA						
SITE 01	68	.54	.43	.52	1.29	.70
WICHITA						
SITE 01	68	.70	.41	.83	2.22	1.04
KENTUCKY						
ASHLAND						
SITE 02	68	6.83	9.84	8.14	12.39	9.30
COVINGTON						
SITE 01	68	4.07	1.27	1.54	7.40	3.57
LEXINGTON						
SITE 01	68	2.08	.48	.99	8.43	3.00
LOUISVILLE						
SITE 01	68	2.41	.97	2.21	5.20	2.70
LOUISIANA						
NEW ORLEANS						
SITE 02	68	.86	1.23	1.87	2.23	1.55
MAINE						
PORTLAND						
SITE 02	68	3.79	1.63	1.47	2.19	2.27
MARYLAND						
BALTIMORE						
SITE 01	68	2.69	.95	1.94	3.65	2.31

Table 5-3 (continued). BENZO(a)PYRENE, URBAN QUARTERLY AND YEARLY AVERAGES

Station location	Year	Concentration, ng/m³				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg.
MASSACHUSETTS						
BOSTON						
SITE 01	68	3.74	1.97	1.68	1.57	2.24
WORCESTER						
SITE 01	68	2.58	.93	1.13	1.98	1.66
MICHIGAN						
DETROIT						
SITE 01	68	9.91	2.48	2.25	5.88	5.13
FLINT						
SITE 01	68	.67	.54	.92	1.01	.79
GRAND RAPIDS						
SITE 01	68	2.47	1.12	1.21	8.95	3.44
TRENTON						
SITE 01	68	1.58	1.00	1.43	1.74	1.44
MINNESOTA						
DULUTH						
SITE 01	68	4.53	2.86	.96	2.58	2.73
MINNEAPOLIS						
SITE 01	68	1.02	.98	.88	1.69	1.14
MOORHEAD						
SITE 01	68	.61	.61	1.11	1.09	.86
ST PAUL						
SITE 01	68	2.90	2.33	1.07	1.98	1.82
MISSISSIPPI						
JACKSON						
SITE 02	68	1.85	.83	1.29	2.16	1.53
MISSOURI						
KANSAS CITY						
SITE 01	68	1.78	.76	1.40	3.34	1.82
MONTANA						
HELENA						
SITE 01	68	1.21	.67	.83	1.13	.91
NEBRASKA						
OMAHA						
SITE 01	68	2.42	2.32	1.35	1.55	1.91
NEVADA						
LAS VEGAS						
SITE 01	68	2.41	.48	.68	2.17	1.44
RENO						
SITE 01	68	5.52	.78	.94	5.30	3.14
NEW HAMPSHIRE						
CONCORD						
SITE 01	68	1.72	.58	.65	.98	.98
NEW JERSEY						
BAYONNE						
SITE 01	68	1.22	.86	1.49	4.28	1.96
BURLINGTON COUNTY						
SITE 02	68	2.05	.87	.89	1.37	1.30
CAMDEN						
SITE 01	68	.78	1.37	1.44	2.70	1.57
GLASSBORO						
SITE 01	68	1.68	.53	.83	1.76	1.20
HAMILTON						
SITE 01	68	.69	.89	3.16	3.97	2.18
JERSEY CITY						
SITE 01	68	2.81	2.45	1.24	2.90	2.35
NEWARK						
SITE 01	68	3.38	1.31	1.56	2.33	2.15
PATERSON						
SITE 01	68	4.14	1.02	1.02	1.63	1.95
PERTH AMBOY						
SITE 01	68	1.89	.59	1.05	1.15	1.17
TRENTON						
SITE 01	68	1.04	.66	1.65	.83	1.05
NEW MEXICO						
ALBUQUERQUE						
SITE 01	68	1.32	.52	.86	4.39	1.77

Station location	Year	Concentration, ng/m³				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg.
NORTH CAROLINA						
CHARLOTTE						
SITE 01	68	13.41	.77	.99	7.07	5.56
DURHAM						
SITE 01	68	11.99	3.27	1.66	14.91	7.96
NORTH DAKOTA						
BISMARCK						
SITE 01	68	.70	.71	.76	1.26	.86
OHIO						
AKRON						
SITE 01	68	4.10	2.50	1.59	3.82	3.00
CINCINNATI						
SITE 01	68	1.70	1.31	1.47	2.62	1.78
CLEVELAND						
SITE 01	68	3.49	2.59	2.72	3.22	3.01
COLUMBUS						
SITE 01	68	2.76	1.35	1.21	3.54	2.22
DAYTON						
SITE 01	68	3.10	1.44	1.67	3.24	2.36
TOLEDO						
SITE 01	68	1.91	.74	1.13	3.44	1.81
YOUNGSTOWN						
SITE 01	68	1.22	6.53	2.37	12.45	5.64
OKLAHOMA						
OKLAHOMA CITY						
SITE 01	68	.53	.55	.82	1.01	.73
TULSA						
SITE 01	68	.47	.50	.82	1.30	.77
OREGON						
MEDFORD						
SITE 01	68	6.30	12.81	2.45	11.12	8.17
PORTLAND						
SITE 01	68	8.92	1.17	2.46	3.99	4.14
PENNSYLVANIA						
ALLENTOWN						
SITE 01	68	1.40	.81	.88	1.58	1.17
ALTOONA						
SITE 01	68	19.32	7.28	1.41	43.85	17.97
BETHLEHEM						
SITE 02	68	2.66	2.12	.77	2.64	2.05
HARRISBURG						
SITE 01	68	2.60	.77	.74	1.16	1.32
HAZELTON						
SITE 01	68	2.70	1.06	1.42	2.30	1.87
JOHNSTOWN						
SITE 01	68	12.06	6.73	2.86	12.56	8.55
PHILADELPHIA						
SITE 01	68	4.52	1.97	2.32	2.67	2.87
PITTSBURGH						
SITE 01	68	6.78	6.30	4.53	7.64	6.31
READING						
SITE 01	68	1.86	1.23	1.67	4.67	2.36
SCRANTON						
SITE 01	68	6.64	3.00	4.26	10.44	6.09
WARMINSTER						
SITE 01	68	1.10	.80	.85	.92	.92
WEST CHESTER						
SITE 01	68	.92	.68	1.10	1.47	1.04
WILKES BARRE						
SITE 01	68	2.80	.96	1.22	1.35	1.58
YORK						
SITE 01	68	2.54	1.15	1.82	2.15	1.92
PUERTO RICO						
BAYAMON						
SITE 01	68	.57	.41	.76	.64	.60

Table 5-3 (continued). BENZO(a)PYRENE, URBAN QUARTERLY AND YEARLY AVERAGES

Station location	Year	Concentration, ng/m³				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg.
PUERTO RICO						
CATANO						
SITE 02	68	.59	.80	1.04	1.08	.88
GUAYANILLA						
SITE 01	68	.89	.42	.52	.46	.57
PONCE						
SITE 01	68	.84	.93	.92	1.16	.96
RHODE ISLAND						
EAST PROVIDENCE						
SITE 01	68	2.12	.77	.83	.95	1.17
PROVIDENCE						
SITE 01	68	2.93	1.07	1.57	2.23	1.95
SOUTH CAROLINA						
COLUMBIA						
SITE 01	68	8.16	1.08	1.14	14.51	6.22
GREENVILLE						
SITE 01	68	32.47	11.85	1.65	28.25	18.56
SOUTH DAKOTA						
SIOUX FALLS						
SITE 01	68	1.19	.56	.78	1.17	.93
TENNESSEE						
CHATTANOOGA						
SITE 01	68	8.82	2.11	2.28	16.35	7.39
KNOXVILLE						
SITE 01	68	15.29	2.14	1.83	19.77	9.76
MEMPHIS						
SITE 01	68	2.58	.65	.79	1.33	1.34
NASHVILLE						
SITE 01	68	8.49	1.95	1.46	11.95	5.96
TEXAS						
DALLAS						
SITE 02	68	1.91	.56	.89	1.94	1.33
HOUSTON						
SITE 01	68	1.08	.46	.96	1.91	1.10
PASADENA						
SITE 01	68	1.91	.30	.67	1.13	1.00
SAN ANTONIO						
SITE 01	68	.45	.49	.68	1.80	.86
UTAH						
OGDEN						
SITE 01	68	.87	.61	.63	1.17	.82
SALT LAKE CITY						
SITE 01	68	.78	.57	.74	1.79	.97
VERMONT						
BURLINGTON						
SITE 01	68	.68	.62	.77	.79	.72
VIRGINIA						
DANVILLE						
SITE 01	68	4.63	1.05	.83	3.39	2.48
HAMPTON						
SITE 01	68	3.37	.60	.61	1.53	1.53
LYNCHBURG						
SITE 01	68	19.43	4.02	2.03	9.40	8.72
NORFOLK						
SITE 01	68	6.11	1.20	.91	11.38	4.90
PORTSMOUTH						
SITE 01	68	13.20	6.25	.93	22.71	10.77
RICHMOND						
SITE 01	68	5.03	1.04	1.14	2.24	2.36
ROANOKE						
SITE 01	68	20.96	1.74	1.68	6.24	7.66
WASHINGTON						
SEATTLE						
SITE 01	68	3.06	.39	1.08	3.35	1.97
WEST VIRGINIA						
CHARLESTON						
SITE 01	68	5.41	1.10	1.73	10.06	4.58
WISCONSIN						
EAU CLAIRE						
SITE 01	68	3.58	.60	.81	2.24	1.81
KENOSHA						
SITE 01	68	1.40	.78	.88	2.59	1.41
MADISON						
SITE 01	68	1.27	.89	1.07	2.10	1.33
MILWAUKEE						
SITE 01	68	4.30	2.41	1.74	10.17	4.66
SUPERIOR						
SITE 01	68	5.03	.72	.81	6.64	3.30
WYOMING						
CASPER						
SITE 01	68	.55	.50	.91	1.64	.90
CHEYENNE						
SITE 01	68	.42	.50	.52	.97	.60

Table 5-4. BENZO(a)PYRENE, NONURBAN QUARTERLY AND YEARLY AVERAGES

Station location	Year	Concentration, ng/m³				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg.
ARIZONA						
GRAND CANYON NAT PK						
SITE 01	68	.13	.20	.27	.17	.19
ARKANSAS						
MONTGOMERY COUNTY						
SITE 01	68	.27	.15	.35	.16	.23
CALIFORNIA						
HUMBOLDT COUNTY						
SITE 01	68	.27	.22	.26	.49	.31
COLORADO						
MESA VERDE NAT PK						
SITE 01	68	.21	.15	.21	.17	.19
DELAWARE						
KENT COUNTY						
SITE 01	68	.42	.20	.39	.59	.40
IDAHO						
BUTTE COUNTY						
SITE 01	68	.20	.14	.19	.21	.18
INDIANA						
MONROE COUNTY						
SITE 01	68	.86	.34	.36	.59	.54
PARKE COUNTY						
SITE 01	68	.44	.22	.32	.74	.43
MAINE						
ACADIA NAT PK						
SITE 01	68	.13	.12	.88	.20	.33
MARYLAND						
CALVERT COUNTY						
SITE 01	68	.26	.32	.56	.59	.43
MISSISSIPPI						
JACKSON COUNTY						
SITE 01	68	.17	.14	.29	.29	.22
MISSOURI						
SHANNON COUNTY						
SITE 01	68	.19	.16	.16	.20	.18
MONTANA						
GLACIER NAT PK						
SITE 01	68	.16	.29	.66	.41	.38
NEBRASKA						
THOMAS COUNTY						
SITE 01	68	.28	.16	.21	.15	.20

Station location	Year	Concentration, ng/m³				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg.
NEVADA						
WHITE PINE COUNTY						
SITE 01	68	.10	.12	.21	.15	.15
NEW HAMPSHIRE						
COOS COUNTY						
SITE 01	68	.24	.16	.22	.18	.20
NEW YORK						
JEFFERSON COUNTY						
SITE 01	68	.20	.27	.16	.13	.19
NORTH CAROLINA						
CAPE HATTERAS						
SITE 01	68	.20	.17	.29	.21	.22
OKLAHOMA						
CHEROKEE COUNTY						
SITE 01	68	.20	.16	.23	.27	.22
OREGON						
CURRY COUNTY						
SITE 01	68	.15	.09	.23	.08	.14
PENNSYLVANIA						
CLARION COUNTY						
SITE 01	68	.98	.57	1.35	.98	.97
RHODE ISLAND						
WASHINGTON COUNTY						
SITE 01	68	.21	.22	.39	.30	.28
SOUTH CAROLINA						
RICHLAND COUNTY						
SITE 01	68	1.16	.19	.26	1.48	.77
SOUTH DAKOTA						
BLACK HILLS NAT FOR						
SITE 01	68	.16	.16	.25	.20	.19
TEXAS						
MATAGORDA COUNTY						
SITE 01	68	.18	.15	.18	.13	.16
VERMONT						
ORANGE COUNTY						
SITE 01	68	.33	.31	.33	.27	.31
VIRGINIA						
SHENANDOAH NAT PK						
SITE 01	68	.34	.24	.36	.26	.30
WYOMING						
YELLOWSTONE PARK						
SITE 01	68	.13	.17	.18	.10	.15

SECTION 6.
URBAN AND NONURBAN NONMETALLIC INORGANIC CONSTITUENTS OF SUSPENDED PARTICULATES

Table 6-1. AMMONIUM, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
				Frequency distribution, percent									Max	Arith mean	Geo mean	
			Min	10	20	30	40	50	60	70	80	90				
ALABAMA																
GADSDEN																
SITE 01	68	25	.0	.0	.1	.1	.1	.1	.1	.2	.2	.6	.7	.2	.2	2.01
HUNTSVILLE																
SITE 01	68	26	.1	.1	.1	.1	.1	.1	.2	.4	.4	.5	1.5	.3	.2	2.38
MOBILE																
SITE 01	68	24	.0	.0	.1	.1	.1	.1	.1	.1	.2	.2	.6	.1	.1	1.54
MONTGOMERY																
SITE 01	68	26	.1	.1	.1	.1	.1	.2	.3	.3	.5	.7	1.4	.3	.2	2.27
ALASKA																
ANCHORAGE																
SITE 03	68	26	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.6	.1	.1	1.55
FAIRBANKS																
SITE 01	68	24	.0	.0	.0	.0	.1	.1	.1	.1	.1	.2	.3	.1	.1	1.42
ARIZONA																
MARICOPA COUNTY																
SITE 01	68	26	.1	.1	.1	.1	.1	.1	.1	.1	.1	.5	3.6	.3	.1	2.60
PHOENIX																
SITE 02	68	26	.1	.1	.1	.1	.1	.1	.1	.2	.3	.7	3.9	.4	.2	2.85
TUCSON																
SITE 01	68	26	.1	.1	.1	.1	.1	.1	.1	.2	.3	.4	1.6	.2	.2	1.99
ARKANSAS																
LITTLE ROCK																
SITE 01	68	25	.0	.0	.1	.1	.1	.1	.1	.1	.2	.2	1.8	.2	.1	1.85
TEXARKANA																
SITE 01	68	26	.0	.1	.1	.1	.1	.1	.1	.1	.1	.2	.3	.1	.1	1.38
WEST MEMPHIS																
SITE 01	68	26	.1	.1	.1	.1	.1	.1	.2	.4	.4	.6	1.0	.3	.2	2.18
CALIFORNIA																
BURBANK																
SITE 01	68	26	.0	.1	.2	.2	.4	.5	.6	.9	1.3	3.4	9.8	1.3	.5	3.61
GLENDALE																
SITE 01	68	26	.0	.1	.1	.2	.4	.5	.6	.8	1.1	2.1	4.4	.8	.4	3.26
LONG BEACH																
SITE 01	68	26	.0	.1	.1	.1	.4	.8	1.2	2.2	3.0	10.2	30.8	2.8	.7	5.85
LOS ANGELES																
SITE 01	68	26	.1	.2	.2	.4	.6	.8	1.0	1.9	2.0	4.3	8.7	1.6	.8	3.38
OAKLAND																
SITE 01	68	25	.1	.1	.1	.1	.1	.1	.1	.2	.2	.7	3.7	.5	.2	2.87
ONTARIO																
SITE 01	68	24	.1	.1	.2	.2	.4	.4	.7	.8	1.3	4.2	6.3	1.1	.5	3.44
PASADENA																
SITE 01	68	26	.1	.1	.2	.3	.4	.5	.7	1.4	1.9	2.5	8.2	1.1	.5	3.37
RIVERSIDE																
SITE 01	68	26	.0	.1	.2	.2	.5	.6	.8	1.1	1.5	2.8	13.9	1.6	.6	3.93
SACRAMENTO																
SITE 01	68	26	.1	.1	.1	.1	.1	.2	.2	.3	.4	.6	1.2	.3	.2	2.13
SAN BERNARDINO																
SITE 01	68	26	.1	.1	.1	.2	.2	.3	.4	.6	.8	1.3	10.1	.8	.3	3.15
SAN DIEGO																
SITE 01	68	26	.0	.0	.0	.0	.1	.1	.3	.4	.8	1.4	6.0	.6	.3	3.27
SAN FRANCISCO																
SITE 01	68	26	.0	.0	.0	.0	.0	.1	.1	.2	.2	.4	5.7	.4	.2	2.68
COLORADO																
DENVER																
SITE 01	68	25	.0	.0	.0	.1	.1	.1	.2	.2	.2	.4	2.6	.2	.2	2.11
CONNECTICUT																
HARTFORD																
SITE 01	68	26	.0	.1	.2	.5	.7	1.0	1.5	2.1	2.3	2.9	6.2	1.4	.8	3.25
NEW HAVEN																
SITE 01	68	26	.2	.3	.7	.9	1.4	1.9	2.1	2.6	3.1	4.2	5.6	2.0	1.4	2.55

*Data contributed by state or local agency.

Table 6-1 (continued). AMMONIUM, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m3													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
DELAWARE																
NEWARK																
SITE 01	68	25	.2	.3	.4	.9	1.0	1.0	1.2	1.7	1.8	4.9	5.5	1.6	1.1	2.41
WILMINGTON																
SITE 01	68	23	.8	1.4	1.7	2.1	2.3	2.5	2.6	3.0	4.4	5.9	8.5	3.1	2.6	1.76
DC																
WASHINGTON																
SITE 01	68	26	.4	.4	.8	.9	1.3	1.5	1.7	2.3	2.6	3.0	4.0	1.7	1.4	1.98
FLORIDA																
JACKSONVILLE																
SITE 02	68	25	.0	.0	.1	.1	.1	.1	.1	.2	.2	.5	1.0	.2	.2	1.96
TAMPA																
SITE 02	68	24	.0	.0	.1	.1	.1	.1	.1	.1	.1	.2	.6	.1	.1	1.50
GEORGIA																
ATLANTA																
SITE 01	68	26	.0	.0	.1	.1	.1	.1	.2	.2	.3	.7	1.0	.2	.2	2.07
HAWAII																
HONOLULU																
SITE 01	68	26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	1.00
IDAHO																
BOISE																
SITE 01	68	26	.1	.1	.1	.1	.2	.2	.2	.2	.3	.5	.7	.2	.2	1.81
ILLINOIS																
CHICAGO																
SITE 01	68	25	.1	.1	.1	.5	.6	1.1	1.3	1.7	2.0	3.4	10.6	1.6	.8	3.75
EAST ST LOUIS																
SITE 01	68	26	.0	.0	.1	.1	.2	.3	.6	.9	1.0	1.9	3.3	.7	.4	3.17
JOLIET																
SITE 01	68	22	.1	.1	.1	.2	.3	.4	.5	.5	.6	.7	1.7	.5	.3	2.40
ROCKFORD																
SITE 01	68	26	.0	.1	.1	.1	.1	.2	.4	.4	.6	1.3	2.3	.4	.3	2.77
SPRINGFIELD																
SITE 01	68	23	.0	.0	.0	.1	.1	.1	.1	.2	.2	.2	2.7	.3	.2	2.30
INDIANA																
EAST CHICAGO																
SITE 01	68	26	.1	.1	.1	.2	.5	.5	.9	1.4	1.5	2.6	13.1	1.4	.6	3.82
HAMMOND																
SITE 01	68	26	.0	.1	.2	.2	.4	.5	.6	.9	1.2	2.0	3.5	.8	.5	2.96
INDIANAPOLIS																
SITE 01	68	25	.1	.1	.2	.2	.3	.5	.7	.7	.9	2.6	3.0	.8	.5	2.84
SOUTH BEND																
SITE 01	68	24	.0	.1	.1	.1	.2	.2	.7	.8	1.3	1.6	16.4	1.2	.4	3.81
IOWA																
CEDAR RAPIDS																
SITE 01	68	26	.0	.0	.1	.1	.1	.1	.1	.2	.2	.3	1.2	.2	.1	1.79
DES MOINES																
SITE 01	68	26	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.5	.1	.1	1.37
DUBUQUE																
SITE 01	68	23	.0	.1	.1	.1	.1	.1	.2	.2	.4	2.4	2.9	.5	.2	3.19
KANSAS																
KANSAS CITY																
SITE 01	68	25	.0	.0	.0	.1	.1	.1	.1	.1	.1	.2	.3	.1	.1	1.41
TOPEKA																
SITE 01	68	26	.0	.0	.0	.1	.1	.1	.1	.1	.1	.2	.6	.1	.1	1.48
WICHITA																
SITE 01	68	25	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	1.15
KENTUCKY																
ASHLAND																
SITE 02	68	23	.0	.1	.1	.1	.2	.2	.3	1.3	1.5	2.0	3.6	.8	.4	3.51
COVINGTON																
SITE 01	68	25	.0	.1	.1	.2	.2	.5	.6	.7	.9	1.4	1.7	.5	.4	2.69
LEXINGTON																
SITE 01	68	25	.0	.1	.1	.1	.1	.2	.4	.5	.6	2.0	4.7	.7	.3	3.27

•Data contributed by state or local agency.

Table 6-1 (continued). AMMONIUM, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m³												Std geo dev
			Frequency distribution, percent												
			Min	10	20	30	40	50	60	70	80	90	Max	Arith mean	Geo mean	
KENTUCKY LOUISVILLE SITE 01	68	25	.0	.1	.1	.1	.1	.2	.2	.4	.6	1.1	2.7	.4	.2	2.75
LOUISIANA NEW ORLEANS SITE 02	68	26	.0	.0	.0	.0	.0	.0	.1	.1	.1	.2	.2	.1	.1	1.25
MAINE PORTLAND SITE 02	68	21	.0	.1	.1	.3	.5	1.2	1.5	1.9	2.3	3.4	12.6	1.7	.7	4.51
MARYLAND BALTIMORE SITE 01	68	26	.1	.2	.3	.5	.8	1.0	1.3	1.8	2.2	3.8	4.0	1.4	.9	3.02
MASSACHUSETTS BOSTON SITE 01	68	25	.1	.3	.5	.8	1.1	1.7	1.9	2.4	3.0	3.7	5.6	1.9	1.3	2.68
WORCESTER SITE 01	68	25	.1	.1	.1	.4	.4	.6	1.1	1.6	1.9	2.8	5.3	1.2	.6	3.44
MICHIGAN DETROIT SITE 01	68	26	.0	.1	.1	.2	.4	.5	.9	1.0	1.2	2.3	2.8	.8	.5	3.14
FLINT SITE 01	68	26	.0	.0	.0	.0	.0	.1	.1	.1	.1	.6	2.1	.2	.1	2.20
GRAND RAPIDS SITE 01	68	26	.0	.0	.1	.1	.2	.2	.3	.3	.5	1.1	4.1	.5	.3	2.79
TRENTON SITE 01	68	25	.0	.1	.1	.1	.1	.3	.4	.4	1.1	1.7	2.2	.5	.3	3.00
MINNESOTA DLLUTH SITE 01	68	24	.0	.0	.0	.1	.1	.1	.2	.2	.3	.3	.3	.1	.1	1.63
MINNEAPOLIS SITE 01	68	26	.0	.1	.1	.1	.1	.1	.1	.2	.3	1.1	2.0	.3	.2	2.46
MOORHEAD SITE 01	68	26	.0	.1	.1	.1	.1	.1	.1	.1	.1	.2	1.3	.2	.1	1.69
ST PAUL SITE 01	68	26	.1	.1	.1	.1	.1	.2	.3	.3	.3	.6	2.4	.3	.2	2.31
MISSISSIPPI JACKSON SITE 02	68	26	.0	.1	.1	.1	.1	.1	.1	.2	.2	.4	.9	.2	.1	1.87
MISSOURI KANSAS CITY SITE 01	68	25	.0	.0	.1	.1	.1	.1	.1	.1	.1	.3	.8	.1	.1	1.68
MONTANA HELENA SITE 01	68	24	.0	.1	.1	.1	.1	.1	.1	.2	.2	.4	1.1	.2	.1	1.89
NEBRASKA OMAHA SITE 01	68	25	.0	.0	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	1.26
NEVADA LAS VEGAS SITE 01	68	25	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	1.30
RENO SITE 01	68	26	.1	.1	.1	.1	.1	.1	.2	.2	.2	.3	.4	.2	.1	1.56
NEW HAMPSHIRE CONCORD SITE 01	68	25	.1	.1	.1	.1	.2	.2	.3	.4	1.2	1.4	3.8	.6	.3	3.08
NEW JERSEY BAYONNE SITE 01	68	21	.3	.6	.9	1.3	1.6	2.7	3.1	3.8	4.5	6.7	9.0	3.1	2.1	2.55
BURLINGTON COUNTY SITE 02	68	26	.1	.2	.7	.7	1.0	1.2	1.5	1.7	2.4	3.8	4.6	1.6	1.1	2.83
CAMDEN SITE 01	68	26	.3	1.0	1.4	1.9	2.4	2.4	3.3	3.6	4.2	5.5	6.5	2.9	2.4	2.02
GLASSBORO SITE 01	68	25	.1	.2	.3	.5	.6	1.0	1.5	1.8	2.7	3.2	6.0	1.5	.9	3.12

*Data contributed by state or local agency.

Table 6-1 (continued). AMMONIUM, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
NEW JERSEY																
HAMILTON																
SITE 01	68	23	.1	.3	.3	.8	.9	1.1	1.5	1.9	2.4	2.6	3.5	1.4	1.0	2.58
JERSEY CITY																
SITE 01	68	25	.2	.4	.7	1.1	1.1	2.1	2.9	3.6	4.5	5.2	8.4	2.7	1.8	2.79
NEWARK																
SITE 01	68	24	.1	.3	.7	.9	1.2	1.4	2.2	3.2	4.2	5.5	10.5	2.5	1.5	3.16
PATERSON																
SITE 01	68	26	.1	.7	.8	.8	1.0	1.4	2.5	3.1	3.8	5.6	6.3	2.2	1.5	2.66
PERTH AMBOY																
SITE 01	68	26	.3	.6	.8	1.0	1.4	1.4	1.6	2.1	2.2	5.6	6.7	2.2	1.5	2.28
TRENTON																
SITE 01	68	24	.1	.1	.2	.3	.4	.5	.6	.7	1.0	1.4	2.8	.7	.5	2.41
NEW MEXICO																
ALBUQUERQUE																
SITE 01	68	26	.0	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	1.25
NORTH CAROLINA																
CHARLOTTE																
SITE 01	68	25	.1	.2	.2	.4	.4	.6	.6	.7	.9	1.7	3.5	.7	.5	2.40
DURHAM																
SITE 01	68	23	.1	.1	.2	.2	.4	.4	.8	1.2	1.4	1.9	2.2	.8	.5	2.87
NORTH DAKOTA																
BISMARCK																
SITE 01	68	26	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.2	.1	.1	1.15
OHIO																
AKRON																
SITE 01	68	25	.1	.1	.1	.2	.4	.5	.8	1.1	1.5	2.8	4.0	1.0	.5	3.42
CINCINNATI																
SITE 01	68	26	.1	.1	.2	.3	.3	.6	.7	.9	1.1	1.5	3.0	.7	.5	2.57
CLEVELAND																
SITE 01	68	26	.0	.1	.3	.5	.8	.9	1.1	1.6	2.9	4.0	7.4	1.6	.9	3.41
COLUMBUS																
SITE 01	68	24	.1	.1	.1	.1	.1	.2	.4	.6	1.6	2.1	2.5	.6	.3	3.33
DAYTON																
SITE 01	68	26	.0	.0	.1	.1	.1	.1	.2	.6	.9	1.0	2.2	.4	.2	2.88
TOLEDO																
SITE 01	68	26	.0	.1	.1	.1	.2	.4	.6	1.0	1.3	2.5	3.5	.8	.4	3.47
YOUNGSTOWN																
SITE 01	68	25	.1	.1	.2	.4	.4	.6	.9	1.4	2.2	3.1	5.0	1.2	.7	3.35
OKLAHOMA																
OKLAHOMA CITY																
SITE 01	68	23	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	1.0	.1	.1	1.62
TULSA																
SITE 01	68	26	.0	.0	.1	.1	.1	.1	.1	.1	.1	.2	.3	.1	.1	1.32
OREGON																
MEDFORD																
SITE 01	68	25	.1	.1	.2	.2	.3	.3	.4	.4	.5	.7	1.4	.4	.3	2.03
PORTLAND																
SITE 01	68	26	.1	.1	.1	.1	.1	.1	.1	.2	.3	1.2	2.8	.4	.2	2.82
PENNSYLVANIA																
ALLENTOWN																
SITE 01	68	26	.1	.1	.1	.2	.2	.4	.6	1.2	1.4	1.6	2.3	.7	.4	3.02
ALTOONA																
SITE 01	68	23	.1	.3	.5	.6	.8	.9	1.3	1.4	1.6	2.2	3.3	1.1	.9	2.31
BETHLEHEM																
SITE 02	68	24	.1	.1	.1	.3	.4	.5	.9	1.2	1.4	1.8	3.0	.8	.5	3.09
HARRISBURG																
SITE 01	68	26	.1	.1	.1	.2	.2	.3	.5	.9	1.1	2.0	6.3	.8	.4	3.28
HAZELTON																
SITE 01	68	24	.1	.2	.2	.3	.7	.8	1.2	1.4	1.9	2.7	3.4	1.1	.7	2.93
JOHNSTOWN																
SITE 01	68	24	.1	.1	.2	.3	.4	.7	1.4	1.5	1.9	2.2	6.4	1.2	.6	3.38

*Data contributed by state or local agency.

Table 6-1 (continued). AMMONIUM, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m³												Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
PENNSYLVANIA																
PHILADELPHIA																
SITE 01	68	26	.1	.3	.9	1.4	1.7	1.9	3.1	3.9	4.2	6.4	8.8	2.9	1.8	3.06
PITTSBURGH																
SITE 01	68	26	.0	.1	.3	.4	.6	.6	1.0	1.3	1.4	3.7	10.2	1.5	.8	3.27
READING																
SITE 01	68	25	.3	.6	1.1	1.3	1.5	1.6	1.6	2.0	2.1	2.8	3.5	1.7	1.5	1.78
SCRANTON																
SITE 01	68	26	.3	.4	1.0	1.3	1.9	2.1	2.6	5.9	6.0	7.2	8.7	3.4	2.2	2.81
WARMINSTER																
SITE 01	68	25	.1	.1	.1	.2	.2	.4	.6	1.3	1.8	2.5	7.3	1.1	.5	3.77
WEST CHESTER																
SITE 01	68	25	.0	.1	.1	.2	.3	.5	.7	.8	.9	2.0	2.7	.7	.4	2.91
WILKES BARRE																
SITE 01	68	25	.1	.2	.4	.7	1.3	1.7	2.1	2.9	3.3	4.4	4.7	2.0	1.2	3.07
YORK																
SITE 01	68	25	.1	.1	.1	.2	.2	.3	.3	.6	.9	1.5	4.0	.6	.3	2.96
PUERTO RICO																
BAYAMON																
SITE 01	68	26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	1.00
GUAYANILLA																
SITE 01	68	26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.1	.1	1.24
PONCE																
SITE 01	68	25	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.6	.1	.1	1.62
RHODE ISLAND																
EAST PROVIDENCE																
SITE 01	68	26	.1	.1	.2	.4	.4	.9	1.0	1.9	2.0	3.6	4.1	1.2	.7	3.40
PROVIDENCE																
SITE 01	68	26	.1	.2	.3	.5	.6	.8	1.5	1.9	2.2	3.4	4.5	1.4	.9	2.82
SOUTH CAROLINA																
COLUMBIA																
SITE 01	68	24	.0	.2	.2	.3	.4	.5	.7	.8	1.1	1.3	2.0	.7	.5	2.17
GREENVILLE																
SITE 01	68	25	.1	.2	.2	.4	.5	.7	.8	1.1	1.3	1.9	2.6	.9	.6	2.49
SOUTH DAKOTA																
SIOUX FALLS																
SITE 01	68	23	.0	.0	.0	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	1.27
TENNESSEE																
CHATTANOOGA																
SITE 01	68	25	.1	.1	.2	.2	.3	.4	.6	1.0	1.2	1.3	1.6	.6	.4	2.51
KNOXVILLE																
SITE 01	68	26	.0	.1	.2	.2	.2	.3	.5	.8	1.3	1.5	4.8	.7	.4	2.96
MEMPHIS																
SITE 01	68	25	.0	.1	.1	.1	.1	.1	.1	.1	.2	.6	1.3	.2	.1	2.18
NASHVILLE																
SITE 01	68	25	.0	.0	.1	.1	.1	.2	.3	.5	.5	1.0	4.2	.5	.3	2.97
TEXAS																
DALLAS																
SITE 02	68	23	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	1.16
HOUSTON																
SITE 01	68	26	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.00
PASADENA																
SITE 01	68	26	.0	.0	.0	.0	.1	.1	.1	.1	.1	.7	1.3	.2	.1	2.03
SAN ANTONIO																
SITE 01	68	26	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.00
UTAH																
OGDEN																
SITE 01	68	25	.1	.1	.1	.2	.2	.2	.2	.3	.3	.3	.4	.2	.2	1.60
SALT LAKE CITY																
SITE 01	68	26	.1	.1	.1	.1	.1	.1	.2	.3	.3	.5	1.2	.2	.2	2.02

*Data contributed by state or local agency.

Table 6-1 (continued). AMMONIUM, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Frequency distribution, percent													
			Min	10	20	30	40	50	60	70	80	90	Max	Arith mean	Geo mean	
VERMONT																
BURLINGTON																
SITE 01	68	24	.0	.1	.1	.1	.1	.1	.5	.5	1.2	1.4	2.1	.5	.3	3.14
VIRGINIA																
DANVILLE																
SITE 01	68	25	.1	.1	.2	.2	.3	.7	.9	1.0	1.2	2.6	11.0	1.2	.6	3.37
HAMPTON																
SITE 01	68	26	.1	.1	.1	.2	.3	.5	.8	1.0	1.2	1.8	4.4	.8	.5	3.06
LYNCHBURG																
SITE 01	68	26	.1	.1	.2	.2	.3	.3	.6	.8	1.0	1.4	2.6	.6	.4	2.69
NORFOLK																
SITE 01	68	26	.0	.1	.1	.1	.5	.8	.8	1.4	1.6	1.9	4.8	1.0	.5	3.56
PORTSMOUTH																
SITE 01	68	26	.1	.1	.1	.2	.2	.4	.6	.9	1.2	2.1	4.2	.8	.4	3.35
RICHMOND																
SITE 01	68	26	.1	.1	.1	.2	.4	.6	.8	1.3	1.3	1.7	3.3	.8	.5	3.16
ROANOKE																
SITE 01	68	25	.1	.1	.1	.1	.2	.2	.2	.6	.7	1.3	2.3	.5	.3	2.87
WASHINGTON																
SEATTLE																
SITE 01	68	26	.0	.1	.1	.1	.1	.1	.1	.1	.1	.2	.8	.1	.1	1.63
WEST VIRGINIA																
CHARLESTON																
SITE 01	68	26	.1	.2	1.5	2.8	5.3	7.0	13.0	26.2	28.3	34.1	60.2	15.1	5.7	6.12
WISCONSIN																
EAU CLAIRE																
SITE 01	68	24	.1	.1	.1	.1	.1	.1	.1	.2	.2	.4	3.7	.3	.2	2.34
KENOSHA																
SITE 01	68	26	.1	.1	.1	.1	.1	.1	.3	.3	.5	1.3	3.4	.5	.2	3.06
MADISON																
SITE 01	68	25	.1	.1	.1	.1	.1	.1	.1	.2	.2	1.2	1.9	.3	.2	2.53
MILWAUKEE																
SITE 01	68	25	.1	.1	.1	.1	.1	.1	.2	.3	.4	.9	1.6	.3	.2	2.43
SUPERIOR																
SITE 01	68	24	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.9	.2	.1	1.66
WYOMING																
CASPER																
SITE 01	68	26	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1	.1	1.37
CHEYENNE																
SITE 01	68	26	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	1.25

*Data contributed by state or local agency.

Table 6-2. AMMONIUM, NONURBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
ARIZONA GRAND CANYON NAT PK SITE 01	68	25	.0	.0	.0	.1	.1	.1	.1	.1	.1	.2	.5	.1	.1	1.46
ARKANSAS MONTGOMERY COUNTY SITE 01	68	25	.1	.1	.1	.1	.1	.1	.1	.1	.1	.5	.7	.2	.1	1.86
CALIFORNIA HUMBOLDT COUNTY SITE 01	68	26	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.3	.1	.1	1.32
COLORADO MESA VERDE NAT PK SITE 01	68	22	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.00
DELAWARE KENT COUNTY SITE 01	68	24	.1	.1	.1	.2	.3	.4	.5	.8	1.0	2.0	4.2	.8	.4	3.02
IDAHO BUTTE COUNTY SITE 01	68	24	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	1.15
INDIANA MONROE COUNTY SITE 01	68	24	.0	.1	.1	.1	.1	.1	.1	.1	.4	1.8	3.6	.5	.2	3.37
PARKE COUNTY SITE 01	68	25	.0	.0	.1	.1	.1	.1	.1	.1	.2	.6	1.4	.2	.1	2.14
MAINE ACADIA NAT PK SITE 01	68	26	.0	.0	.0	.0	.1	.1	.1	.1	.1	.2	.7	.1	.1	1.55
MARYLAND CALVERT COUNTY SITE 01	68	23	.1	.1	.1	.1	.2	.2	.2	.5	.6	1.6	4.8	.6	.3	3.02
MISSISSIPPI JACKSON COUNTY SITE 01	68	25	.0	.0	.1	.1	.1	.1	.1	.1	.2	.5	1.2	.2	.1	1.99
MISSOURI SHANNON COUNTY SITE 01	68	25	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3	1.5	.2	.1	1.85
MONTANA GLACIER NAT PK SITE 01	68	25	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3	.1	.1	1.25
NEBRASKA THOMAS COUNTY SITE 01	68	24	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.00
NEVADA WHITE PINE COUNTY SITE 01	68	26	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	1.15
NEW HAMPSHIRE COOS COUNTY SITE 01	68	23	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	1.2	.2	.1	1.86
NEW YORK JEFFERSON COUNTY SITE 01	68	26	.0	.1	.1	.1	.1	.1	.1	.2	.2	.5	1.4	.2	.2	2.02
NORTH CAROLINA CAPE HATTERAS SITE 01	68	25	.0	.0	.0	.1	.1	.1	.1	.1	.1	.3	.7	.1	.1	1.70
OKLAHOMA CHEROKEE COUNTY SITE 01	68	25	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	1.15
OREGON CURRY COUNTY SITE 01	68	26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	1.00
PENNSYLVANIA CLARION COUNTY SITE 01	68	26	.1	.1	.1	.1	.1	.1	.1	.3	.5	.7	2.9	.3	.2	2.52
RHODE ISLAND WASHINGTON COUNTY SITE 01	68	26	.1	.1	.1	.1	.2	.3	.7	1.2	2.3	3.7	6.1	1.2	.5	4.16
SOUTH CAROLINA RICHLAND COUNTY SITE 01	68	23	.1	.1	.1	.1	.1	.2	.3	.6	.8	1.1	1.6	.4	.3	2.48

*Data contributed by state or local agency.

Table 6-2 (continued). AMMONIUM, NONURBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m3													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
SOUTH DAKOTA BLACK HILLS NAT FOR SITE 01	68	26	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.00
TEXAS MATAGORDA COUNTY SITE 01	68	25	.0	.0	.0	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	1.30
VERMONT ORANGE COUNTY SITE 01	68	26	.1	.1	.1	.2	.2	.2	.5	.7	1.1	1.6	2.6	.6	.3	2.79
VIRGINIA SHENANDOAH NAT PK SITE 01	68	26	.0	.1	.1	.1	.3	.3	.4	.5	.8	1.4	2.2	.5	.3	2.73
WYOMING YELLOWSTONE PARK SITE 01	68	26	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.2	.1	.1	1.21

•Data contributed by state or local agency.

Table 6-3. FLUORIDE, URBAN ABBREVIATED FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples		Max. conc., ug/m^3
		Collected	Above detect. quan.	
ALABAMA				
GADSDEN				
SITE 01	68	25	0	
HUNTSVILLE				
SITE 01	68	26	0	
MOBILE				
SITE 01	68	24	0	
MONTGOMERY				
SITE 01	68	26	1	0.17
ALASKA				
ANCHORAGE				
SITE 03	68	26	0	
FAIRBANKS				
SITE 01	68	24	1	0.05
ARIZONA				
MARICOPA COUNTY				
SITE 01	68	26	0	
PHOENIX				
SITE 02	68	26	0	
TUCSON				
SITE 01	68	26	0	
ARKANSAS				
LITTLE ROCK				
SITE 01	68	25	2	0.13
TEXARKANA				
SITE 01	68	26	0	
WEST MEMPHIS				
SITE 01	68	26	0	
CALIFORNIA				
BURBANK				
SITE 01	68	26	0	
GLENDALE				
SITE 01	68	26	0	
LONG BEACH				
SITE 01	68	26	0	
LOS ANGELES				
SITE 01	68	26	0	
OAKLAND				
SITE 01	68	25	0	
ONTARIO				
SITE 01	68	24	0	
PASADENA				
SITE 01	68	26	0	
RIVERSIDE				
SITE 01	68	26	0	
SACRAMENTO				
SITE 01	68	26	0	
SAN BERNARDINO				
SITE 01	68	26	0	
SAN DIEGO				
SITE 01	68	26	0	
SAN FRANCISCO				
SITE 01	68	26	0	
COLORADO				
DENVER				
SITE 01	68	25	4	0.19
CONNECTICUT				
HARTFORD				
SITE 01	68	26	0	
CONNECTICUT				
NEW HAVEN				
SITE 01	68	26	0	
DELAWARE				
NEWARK				
SITE 01	68	25	1	0.13
WILMINGTON				
SITE 01	68	23	2	0.23
DC				
WASHINGTON				
SITE 01	68	26	0	
FLORIDA				
JACKSONVILLE				
SITE 02	68	25	0	
TAMPA				
SITE 02	68	24	0	
GEORGIA				
ATLANTA				
SITE 01	68	26	1	0.15
HAWAII				
HONOLULU				
SITE 01	68	26	0	
IDAHO				
BOISE				
SITE 01	68	26	0	
ILLINOIS				
CHICAGO				
SITE 01	68	25	5	0.18
EAST ST LOUIS				
SITE 01	68	26	0	
JOLIET				
SITE 01	68	22	0	
ROCKFORD				
SITE 01	68	26	0	
SPRINGFIELD				
SITE 01	68	23	1	0.09
INDIANA				
EAST CHICAGO				
SITE 01	68	26	8	0.21
HAMMOND				
SITE 01	68	26	2	0.10
INDIANAPOLIS				
SITE 01	68	25	2	0.08
SOUTH BEND				
SITE 01	68	24	1	0.23
IOWA				
CEDAR RAPIDS				
SITE 01	68	26	4	0.20
DES MOINES				
SITE 01	68	26	2	0.17
DUBUQUE				
SITE 01	68	23	0	
KANSAS				
KANSAS CITY				
SITE 01	68	25	0	
TOPEKA				
SITE 01	68	26	0	
WICHITA				
SITE 01	68	25	0	
KENTUCKY				
ASHLAND				
SITE 02	68	23	5	0.48

Table 6-3 (continued). FLUORIDE, URBAN ABBREVIATED FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples		Max. conc., ug/m^3
		Collected	Above detect. quan.	
KENTUCKY				
COVINGTON				
SITE 01	68	25	1	0.08
LEXINGTON				
SITE 01	68	25	0	
LOUISVILLE				
SITE 01	68	25	3	0.48
LOUISIANA				
NEW ORLEANS				
SITE 02	68	26	2	0.17
MAINE				
PORTLAND				
SITE 02	68	21	0	
MARYLAND				
BALTIMORE				
SITE 01	68	26	5	1.65
MASSACHUSETTS				
BOSTON				
SITE 01	68	25	0	
WORCESTER				
SITE 01	68	25	0	
MICHIGAN				
DETROIT				
SITE 01	68	26	4	0.35
FLINT				
SITE 01	68	26	0	
GRAND RAPIDS				
SITE 01	68	26	5	0.29
TRENTON				
SITE 01	68	25	1	0.38
MINNESOTA				
DULUTH				
SITE 01	68	24	3	0.30
MINNEAPOLIS				
SITE 01	68	26	3	0.09
MOORHEAD				
SITE 01	68	26	0	
ST PAUL				
SITE 01	68	26	2	0.20
MISSISSIPPI				
JACKSON				
SITE 02	68	26	2	0.11
MISSOURI				
KANSAS CITY				
SITE 01	68	25	3	0.39
MONTANA				
HELENA				
SITE 01	68	24	0	
NEBRASKA				
OMAHA				
SITE 01	68	25	0	
NEVADA				
LAS VEGAS				
SITE 01	68	25	0	
RENO				
SITE 01	68	26	5	0.37
NEW HAMPSHIRE				
CONCORD				
SITE 01	68	25	0	
NEW JERSEY				
BAYONNE				
SITE 01	68	21	0	

Station location	Year	No. of samples		Max. conc., ug/m^3
		Collected	Above detect. quan.	
NEW JERSEY				
BURLINGTON COUNTY				
SITE 02	68	26	1	0.07
CAMDEN				
SITE 01	68	26	10	0.39
GLASSBORO				
SITE 01	68	25	4	0.11
HAMILTON				
SITE 01	68	23	6	0.66
JERSEY CITY				
SITE 01	68	25	0	
NEWARK				
SITE 01	68	24	0	
PATERSON				
SITE 01	68	26	0	
PERTH AMBOY				
SITE 01	68	26	1	0.06
TRENTON				
SITE 01	68	24	2	0.12
NEW MEXICO				
ALBUQUERQUE				
SITE 01	68	26	0	
NORTH CAROLINA				
CHARLOTTE				
SITE 01	68	25	1	0.06
DURHAM				
SITE 01	68	23	2	0.12
NORTH DAKOTA				
BISMARCK				
SITE 01	68	26	2	0.21
OHIO				
AKRON				
SITE 01	68	25	6	0.26
CINCINNATI				
SITE 01	68	26	4	0.16
CLEVELAND				
SITE 01	68	26	7	0.40
COLUMBUS				
SITE 01	68	24	2	0.19
DAYTON				
SITE 01	68	26	2	0.12
TOLEDO				
SITE 01	68	26	0	
YOUNGSTOWN				
SITE 01	68	25	1	0.15
OKLAHOMA				
OKLAHOMA CITY				
SITE 01	68	23	0	
TULSA				
SITE 01	68	26	0	
OREGON				
MEDFORD				
SITE 01	68	25	0	
PORTLAND				
SITE 01	68	26	15	0.80
PENNSYLVANIA				
ALLENTOWN				
SITE 01	68	26	3	0.35

Table 6-3 (continued). FLUORIDE, URBAN ABBREVIATED FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples		Max. conc., $\mu g/m^3$
		Collected	Above detect. quan.	
PENNSYLVANIA				
ALTOONA				
SITE 01	68	23	8	0.33
BETHLEHEM				
SITE 02	68	24	16	0.83
HARRISBURG				
SITE 01	68	26	20	1.58
HAZELTON				
SITE 01	68	24	17	0.31
JOHNSTOWN				
SITE 01	68	24	18	0.46
PHILADELPHIA				
SITE 01	68	26	7	0.41
PITTSBURGH				
SITE 01	68	26	19	0.80
READING				
SITE 01	68	25	14	0.48
SCRANTON				
SITE 01	68	26	8	0.52
WARMINSTER				
SITE 01	68	25	2	0.07
WEST CHESTER				
SITE 01	68	25	0	
WILKES BARRE				
SITE 01	68	25	2	0.13
YORK				
SITE 01	68	25	2	0.20
PUERTO RICO				
BAYAMON				
SITE 01	68	26	1	0.31
GUAYANILLA				
SITE 01	68	26	0	
PONCE				
SITE 01	68	25	10	1.42
RHODE ISLAND				
EAST PROVIDENCE				
SITE 01	68	26	0	
PROVIDENCE				
SITE 01	68	26	0	
SOUTH CAROLINA				
COLUMBIA				
SITE 01	68	24	3	0.87
GREENVILLE				
SITE 01	68	25	0	
SOUTH DAKOTA				
SIOUX FALLS				
SITE 01	68	23	0	
TENNESSEE				
CHATTANOOGA				
SITE 01	68	25	6	0.20
KNOXVILLE				
SITE 01	68	26	16	1.29
MEMPHIS				
SITE 01	68	25	1	0.07
NASHVILLE				
SITE 01	68	25	10	1.01
TEXAS				
DALLAS				
SITE 02	68	23	0	

Station location	Year	No. of samples		Max. conc., $\mu g/m^3$
		Collected	Above detect. quan.	
TEXAS				
HOUSTON				
SITE 01	68	26	4	0.42
PASADENA				
SITE 01	68	26	3	0.30
SAN ANTONIO				
SITE 01	68	26	0	
UTAH				
OGDEN				
SITE 01	68	25	0	
SALT LAKE CITY				
SITE 01	68	26	1	0.05
VERMONT				
BURLINGTON				
SITE 01	68	24	0	
VIRGINIA				
DANVILLE				
SITE 01	68	25	0	
HAMPTON				
SITE 01	68	26	0	
LYNCHBURG				
SITE 01	68	26	3	0.14
NORFOLK				
SITE 01	68	26	4	0.10
PORTSMOUTH				
SITE 01	68	26	7	0.60
RICHMOND				
SITE 01	68	26	4	0.15
ROANOKE				
SITE 01	68	25	5	0.27
WASHINGTON				
SEATTLE				
SITE 01	68	26	1	0.05
WEST VIRGINIA				
CHARLESTON				
SITE 01	68	26	3	0.92
WISCONSIN				
EAU CLAIRE				
SITE 01	68	24	0	
KENOSHA				
SITE 01	68	26	0	
MADISON				
SITE 01	68	25	0	
MILWAUKEE				
SITE 01	68	25	10	0.23
SUPERIOR				
SITE 01	68	24	1	0.06
WYOMING				
CASPER				
SITE 01	68	26	0	
CHEYENNE				
SITE 01	68	26	0	

Table 6-4. NITRATE, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m3													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
ALABAMA																
GADSDEN																
SITE 01	68	25	.9	1.6	1.7	1.9	2.0	2.3	2.7	2.8	2.9	4.6	7.7	2.7	2.4	1.58
HUNTSVILLE																
SITE 01	68	26	.5	.7	.9	1.1	1.5	1.5	1.8	2.0	2.1	2.6	2.7	1.6	1.4	1.59
MOBILE																
SITE 01	68	24	.9	1.1	1.3	1.6	2.1	2.1	2.4	2.9	2.9	3.7	5.6	2.4	2.1	1.61
MONTGOMERY																
SITE 01	68	26	.1	.3	.6	.7	1.1	1.2	1.4	1.7	2.0	2.5	3.6	1.3	1.0	2.24
ALASKA																
ANCHORAGE																
SITE 03	68	26	.2	.2	.4	.4	.5	.6	.7	.7	.8	1.0	1.1	.6	.5	1.64
FAIRBANKS																
SITE 01	68	24	.2	.3	.3	.5	.5	.6	.8	.9	.9	1.0	1.5	.7	.6	1.75
ARIZONA																
MARICOPA COUNTY																
SITE 01	68	26	.7	1.3	1.8	1.8	2.0	2.2	2.3	2.5	2.7	3.2	3.8	2.2	2.1	1.46
PHOENIX																
SITE 02	68	26	1.6	1.8	2.3	2.5	2.8	2.9	3.4	4.5	5.7	7.1	9.5	3.8	3.4	1.63
TUCSON																
SITE 01	68	26	.7	.7	1.2	1.4	1.5	1.5	1.7	2.0	2.1	2.4	3.1	1.6	1.5	1.49
ARKANSAS																
LITTLE ROCK																
SITE 01	68	25	.8	1.4	1.5	1.7	1.8	2.1	2.2	2.5	2.6	3.2	4.6	2.2	2.1	1.47
TEXARKANA																
SITE 01	68	26	.4	.9	1.0	1.1	1.3	1.5	1.6	1.8	1.9	3.1	4.8	1.7	1.5	1.67
WEST MEMPHIS																
SITE 01	68	26	.3	1.1	1.8	1.9	2.1	2.2	2.4	2.8	3.2	4.0	8.3	2.5	2.2	1.82
CALIFORNIA																
BURBANK																
SITE 01	68	26	1.8	3.1	4.2	5.5	6.1	6.8	7.5	8.5	9.2	13.0	25.6	7.9	6.6	1.80
GLENDALE																
SITE 01	68	26	1.2	2.2	4.5	4.9	5.7	5.8	7.4	8.1	8.8	9.4	21.1	7.1	5.9	1.86
LONG BEACH																
SITE 01	68	26	1.2	3.1	3.8	4.2	5.2	6.1	6.5	7.5	7.8	10.5	18.2	6.5	5.7	1.73
LOS ANGELES																
SITE 01	68	26	1.1	2.9	4.1	6.9	7.7	8.4	10.5	12.6	12.8	16.2	20.5	9.2	7.7	1.98
OAKLAND																
SITE 01	68	25	.7	1.1	1.4	1.8	1.9	2.4	2.6	3.4	3.8	5.7	9.7	3.0	2.5	1.91
ONTARIO																
SITE 01	68	24	3.7	4.6	5.7	6.4	7.3	8.9	9.5	11.5	13.5	14.8	71.8	11.7	9.1	1.84
PASADENA																
SITE 01	68	26	1.2	2.7	5.2	5.6	6.1	6.9	8.0	8.6	9.2	13.3	16.8	7.4	6.4	1.84
RIVERSIDE																
SITE 01	68	26	2.2	4.9	5.9	7.2	8.4	9.3	11.1	15.0	17.3	27.9	37.8	12.9	10.2	2.05
SACRAMENTO																
SITE 01	68	26	.6	1.2	1.8	2.3	2.6	2.7	2.9	3.2	3.4	5.1	7.0	2.9	2.6	1.68
SAN BERNARDINO																
SITE 01	68	26	1.3	1.6	4.7	5.6	7.0	7.9	9.5	11.3	12.6	18.5	21.6	9.1	7.3	2.13
SAN DIEGO																
SITE 01	68	26	.7	1.6	2.0	2.4	3.4	3.6	3.9	4.7	5.0	8.0	10.1	4.0	3.4	1.89
SAN FRANCISCO																
SITE 01	68	26	.9	1.0	1.4	1.5	2.0	2.9	3.7	5.5	5.6	9.9	12.3	3.9	2.9	2.23
COLORADO																
DENVER																
SITE 01	68	25	.6	1.2	1.3	1.7	1.8	2.0	2.2	2.5	2.7	3.7	6.0	2.3	2.0	1.67
CONNECTICUT																
HARTFORD																
SITE 01	68	26	.0	.1	.4	.5	.9	.9	1.2	1.5	1.7	2.1	3.2	1.1	.8	2.71
NEW HAVEN																
SITE 01	68	26	.0	.4	.6	.7	1.0	1.2	1.3	1.7	1.9	2.7	3.6	1.3	1.0	2.23

*Data contributed by state or local agency.

Table 6-4 (continued). NITRATE, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m3													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
DELAWARE																
NEWARK																
SITE 01	68	25	.2	.5	.6	.7	.9	1.3	1.4	1.6	1.7	2.3	2.7	1.3	1.1	1.91
WILMINGTON																
SITE 01	68	23	.6	.9	1.0	1.5	1.8	1.9	2.1	2.4	3.0	3.7	6.3	2.2	1.9	1.77
DC																
WASHINGTON																
SITE 01	68	26	.7	.9	1.3	1.4	1.4	1.5	2.3	2.4	2.5	3.8	4.5	2.0	1.8	1.67
FLORIDA																
JACKSONVILLE																
SITE 02	68	25	.9	1.1	1.3	1.8	2.0	2.4	2.6	2.8	2.9	3.8	7.2	2.5	2.2	1.64
TAMPA																
SITE 02	68	24	.6	.8	1.2	1.4	1.6	1.9	2.1	2.5	2.8	8.2	10.9	2.8	2.0	2.12
GEORGIA																
ATLANTA																
SITE 01	68	26	.5	.6	1.4	1.7	2.1	2.2	2.3	2.4	2.6	2.8	4.6	2.1	1.9	1.72
HAWAII																
HONOLULU																
SITE 01	68	26	.0	.1	.2	.2	.3	.3	.6	.7	1.0	1.5	2.8	.6	.4	2.50
IDAHO																
BOISE																
SITE 01	68	26	.0	.3	.5	.7	.8	.9	1.0	1.2	1.5	1.9	3.5	1.1	.8	2.16
ILLINOIS																
CHICAGO																
SITE 01	68	25	.6	.9	1.0	1.3	1.8	2.0	2.4	3.1	3.5	5.5	8.4	2.7	2.1	2.03
EAST ST LOUIS																
SITE 01	68	26	.7	1.2	1.3	1.5	1.8	2.1	2.5	3.0	3.1	3.7	4.3	2.2	2.0	1.63
JOLIET																
SITE 01	68	22	.8	.9	1.1	1.2	1.4	1.7	2.7	2.9	3.2	3.9	4.9	2.2	1.9	1.79
ROCKFORD																
SITE 01	68	26	.7	.9	1.0	1.0	1.4	1.4	1.7	1.7	2.1	2.8	2.8	1.6	1.5	1.51
SPRINGFIELD																
SITE 01	68	23	.1	.7	1.0	1.1	1.9	2.1	2.2	2.4	2.6	3.0	4.4	2.0	1.5	2.65
INDIANA																
EAST CHICAGO																
SITE 01	68	26	.8	1.1	1.4	1.6	2.3	2.8	3.1	3.3	4.1	5.9	10.6	3.2	2.6	1.94
HAMMOND																
SITE 01	68	26	.8	1.0	1.2	1.4	1.9	2.2	2.6	3.4	3.8	6.8	8.6	2.8	2.2	1.97
INDIANAPOLIS																
SITE 01	68	25	.3	.8	1.6	2.0	2.1	2.2	2.6	3.0	3.4	4.5	5.2	2.5	2.2	1.91
SOUTH BEND																
SITE 01	68	24	.5	.8	1.4	1.9	2.3	2.3	2.7	3.1	5.3	6.5	10.7	3.2	2.4	2.19
IOWA																
CEDAR RAPIDS																
SITE 01	68	26	.1	.1	.6	.7	1.0	1.2	1.8	2.0	2.5	4.6	7.8	1.8	1.1	3.25
DES MOINES																
SITE 01	68	26	.4	.8	1.1	1.1	1.4	1.6	1.8	2.0	2.5	3.4	3.8	1.8	1.6	1.73
DUBUQUE																
SITE 01	68	23	.1	.4	.6	.8	.9	1.4	1.7	1.9	2.0	2.1	2.8	1.3	1.1	2.19
KANSAS																
KANSAS CITY																
SITE 01	68	25	.8	1.3	1.4	1.9	2.0	2.2	2.5	2.7	2.8	3.7	3.9	2.3	2.1	1.52
TOPEKA																
SITE 01	68	26	.2	.6	.7	.9	1.5	1.6	1.9	2.3	2.6	2.9	4.1	1.7	1.4	2.03
WICHITA																
SITE 01	68	25	.6	.7	1.3	1.4	1.5	1.7	1.7	2.0	2.0	2.8	3.8	1.8	1.6	1.58
KENTUCKY																
ASHLAND																
SITE 02	68	23	.5	1.0	1.2	1.6	2.0	2.1	2.3	2.4	2.5	3.1	3.5	2.0	1.8	1.63
COVINGTON																
SITE 01	68	25	.4	.6	.8	1.0	1.1	1.3	1.5	1.6	2.5	2.9	4.7	1.6	1.3	1.84
LEXINGTON																
SITE 01	68	25	.4	.9	1.1	1.5	1.8	2.4	2.5	2.7	2.7	3.0	3.8	2.1	1.8	1.77

*Data contributed by state or local agency.

Table 6-4 (continued). NITRATE; URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m3													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
KENTUCKY LOUISVILLE SITE 01	68	25	.6	2.2	2.5	3.0	3.2	3.6	3.8	4.3	4.8	5.8	8.6	3.8	3.4	1.65
LOUISIANA NEW ORLEANS SITE 02	68	26	1.4	2.4	2.7	2.8	3.5	4.0	4.3	4.8	6.0	6.2	7.0	4.1	3.8	1.54
MAINE PORTLAND SITE 02	68	21	.2	.2	.3	.3	.5	.6	.7	.8	1.3	1.4	2.6	.8	.6	2.24
MARYLAND BALTIMORE SITE 01	68	26	.7	1.2	1.9	2.0	2.5	2.7	3.0	3.3	3.5	4.5	6.0	2.8	2.5	1.63
MASSACHUSETTS BOSTON SITE 01	68	25	.2	.4	.4	.5	.7	1.1	1.1	1.9	2.1	3.2	5.1	1.4	1.0	2.34
WORCESTER SITE 01	68	25	.1	.2	.3	.5	.6	.8	1.1	1.2	1.5	2.7	4.0	1.1	.8	2.57
MICHIGAN DETROIT SITE 01	68	26	.7	1.3	1.9	2.2	3.0	3.1	3.8	5.5	6.8	11.2	13.8	4.7	3.5	2.21
FLINT SITE 01	68	26	.7	1.3	1.6	1.7	2.0	2.2	2.8	3.5	3.8	4.7	5.2	2.7	2.4	1.67
GRAND RAPIDS SITE 01	68	26	.7	.9	1.4	1.7	2.4	2.8	3.3	3.9	4.8	6.7	10.0	3.3	2.6	2.07
TRENTON SITE 01	68	25	1.3	1.7	1.9	3.0	3.2	3.3	3.5	4.7	5.2	7.4	11.9	4.1	3.6	1.75
MINNESOTA DULUTH SITE 01	68	24	.2	.3	.4	.5	.8	1.4	1.8	2.1	2.4	3.0	5.5	1.6	1.1	2.63
MINNEAPOLIS SITE 01	68	26	.1	.4	.6	.8	1.2	1.3	1.7	1.9	2.2	2.5	2.8	1.4	1.1	2.22
MOORHEAD SITE 01	68	26	.3	.5	.8	.8	.9	1.1	1.2	1.4	1.8	2.2	3.0	1.2	1.0	1.75
ST PAUL SITE 01	68	26	.4	.5	1.0	1.2	1.4	1.8	2.2	2.5	2.8	3.2	5.3	2.0	1.7	1.88
MISSISSIPPI JACKSON SITE 02	68	26	.8	.9	1.2	1.4	1.7	1.9	2.1	2.1	2.3	3.1	3.9	1.9	1.7	1.53
MISSOURI KANSAS CITY SITE 01	68	25	.9	1.3	1.7	2.1	2.2	2.4	2.5	3.2	3.7	4.0	6.3	2.7	2.4	1.56
MONTANA HELENA SITE 01	68	24	.1	.2	.3	.4	.5	.6	.7	.8	2.2	3.4	6.3	1.2	.7	2.74
NEBRASKA OMAHA SITE 01	68	25	.5	.7	1.0	1.5	1.7	1.7	2.0	2.4	2.8	4.5	5.2	2.2	1.8	1.89
NEVADA LAS VEGAS SITE 01	68	25	.3	.6	.8	1.5	1.6	2.0	2.2	2.5	2.7	3.4	3.9	2.0	1.7	1.94
RENO SITE 01	68	26	.3	.4	.8	.9	.9	1.0	1.4	1.8	2.5	3.4	5.2	1.6	1.2	2.13
NEW HAMPSHIRE CONCORD SITE 01	68	25	.1	.1	.2	.3	.4	.5	.6	.9	1.3	1.7	2.3	.7	.5	2.71
NEW JERSEY BAYONNE SITE 01	68	21	.3	.4	.6	.7	.7	1.2	1.9	2.0	2.2	2.4	3.6	1.4	1.1	2.09
BURLINGTON COUNTY SITE 02	68	26	.1	.4	.5	.6	.9	1.4	1.4	1.8	1.8	2.3	3.0	1.3	1.0	2.19
CAMDEN SITE 01	68	26	.5	.8	1.0	1.1	1.8	1.9	2.3	2.6	3.0	3.8	7.2	2.3	1.8	1.97
GLASSBORO SITE 01	68	25	.1	.3	.4	.5	.8	1.2	1.3	1.9	2.6	3.8	4.7	1.6	1.1	2.70

*Data contributed by state or local agency.

Table 6-4 (continued). NITRATE, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Frequency distribution, percent										Max	Arith mean	Geo mean	
			Min	10	20	30	40	50	60	70	80	90				
NEW JERSEY																
HAMILTON SITE 01	68	23	.3	1.1	1.1	1.4	1.9	2.0	2.4	3.0	3.5	3.9	4.6	2.3	2.0	1.88
JERSEY CITY SITE 01	68	25	.7	.9	1.0	1.3	1.4	1.5	1.8	2.2	2.9	4.0	5.9	2.0	1.7	1.75
NEWARK SITE 01	68	24	.2	.5	.9	1.3	1.5	1.6	1.8	2.3	2.5	2.6	3.0	1.7	1.4	1.99
PATERSON SITE 01	68	26	.6	.7	.8	.8	1.1	1.3	1.5	1.7	2.0	3.2	5.1	1.6	1.4	1.81
PERTH AMBOY SITE 01	68	26	.2	.7	.8	.9	1.0	1.1	1.2	1.6	2.2	2.5	2.8	1.4	1.1	1.86
TRENTON SITE 01	68	24	.7	.8	.9	1.0	1.1	1.3	1.6	1.8	2.0	2.6	3.2	1.5	1.4	1.56
NEW MEXICO																
ALBUQUERQUE SITE 01	68	26	.1	.9	1.1	1.2	1.3	1.3	1.4	1.5	1.7	2.8	4.3	1.5	1.3	1.93
NORTH CAROLINA																
CHARLOTTE SITE 01	68	25	.1	.4	.7	.8	1.0	1.3	1.5	1.8	2.2	3.0	6.8	1.6	1.2	2.37
DURHAM SITE 01	68	23	.4	.5	.7	1.1	1.2	1.5	1.6	1.9	2.1	2.2	2.8	1.5	1.3	1.76
NORTH DAKOTA																
BISMARCK SITE 01	68	26	.2	.2	.4	.4	.6	.6	.7	.8	.8	1.2	2.2	.7	.6	1.88
OHIO																
AKRON SITE 01	68	25	.1	.8	1.2	1.3	1.4	1.8	2.2	2.4	2.9	3.4	7.6	2.1	1.7	2.24
CINCINNATI SITE 01	68	26	.7	.9	1.3	1.5	2.0	2.3	2.5	3.0	3.6	4.6	6.2	2.5	2.1	1.79
CLEVELAND SITE 01	68	26	.7	1.0	1.3	1.4	1.7	1.8	3.0	3.2	3.3	5.6	7.2	2.6	2.2	1.87
COLUMBUS SITE 01	68	24	.1	1.2	1.3	2.0	2.2	2.4	2.6	2.8	3.0	3.4	7.2	2.6	2.0	2.51
DAYTON SITE 01	68	26	.7	1.0	1.3	1.5	1.6	1.9	2.4	2.9	3.1	5.2	5.5	2.4	2.0	1.78
TOLEDO SITE 01	68	26	.4	.9	1.4	2.2	2.3	2.8	3.3	3.4	3.7	4.5	7.9	2.9	2.4	1.94
YOUNGSTOWN SITE 01	68	25	.4	1.2	1.7	2.1	2.2	2.5	3.1	3.5	3.9	4.8	5.0	2.8	2.4	1.81
OKLAHOMA																
OKLAHOMA CITY SITE 01	68	23	.6	.7	.9	1.3	1.3	1.4	1.6	2.0	2.1	2.4	3.6	1.6	1.5	1.60
TULSA SITE 01	68	26	.4	.8	.9	.9	1.1	1.3	1.8	2.0	2.1	3.8	5.2	1.7	1.5	1.82
OREGON																
MEDFORD SITE 01	68	25	.2	.5	.6	.6	.8	1.0	1.2	2.1	2.6	3.3	10.6	1.8	1.2	2.46
PORTLAND SITE 01	68	26	.7	1.3	1.7	3.1	3.5	4.5	5.0	5.7	6.6	8.9	11.4	4.7	3.8	2.07
PENNSYLVANIA																
ALLENTOWN SITE 01	68	26	1.1	1.4	2.0	2.2	2.7	3.2	3.8	4.2	4.5	5.6	9.0	3.5	3.0	1.73
ALTOONA SITE 01	68	23	.3	.4	.6	1.2	1.4	1.4	1.7	2.2	2.5	3.5	4.7	1.7	1.4	2.12
BETHLEHEM SITE 02	68	24	1.4	1.9	2.4	3.0	3.4	3.7	4.2	4.7	5.2	6.6	8.9	4.0	3.6	1.61
HARRISBURG SITE 01	68	26	.5	.7	1.1	1.3	1.4	1.5	1.9	2.4	3.0	4.3	4.4	2.0	1.7	1.89
HAZELTON SITE 01	68	24	.2	.4	.5	.7	1.0	1.2	1.3	1.6	2.2	2.3	5.4	1.4	1.1	2.15
JOHNSTOWN SITE 01	68	24	.5	1.0	1.4	1.8	2.3	2.3	2.9	3.0	3.2	4.5	7.1	2.6	2.2	1.79

*Data contributed by state or local agency.

Table 6-4 (continued). NITRATE, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
PENNSYLVANIA PHILADELPHIA SITE 01	68	26	.8	1.2	1.5	1.8	2.0	2.1	2.4	2.8	2.9	3.9	4.2	2.3	2.1	1.50
PITTSBURGH SITE 01	68	26	.2	1.2	1.8	2.0	2.1	2.6	3.2	3.2	4.5	5.3	7.1	3.0	2.5	2.11
READING SITE 01	68	25	.1	.7	.8	2.1	2.5	2.9	2.9	4.2	4.4	5.7	6.3	3.0	2.3	2.60
SCRANTON SITE 01	68	26	.5	.5	.7	.9	1.3	1.5	1.9	2.5	2.6	2.9	3.2	1.7	1.4	1.89
WARMINSTER SITE 01	68	25	.4	.6	.9	.9	1.3	1.6	1.9	2.1	2.2	3.3	4.4	1.7	1.4	1.85
WEST CHESTER SITE 01	68	25	.1	.4	.5	.6	.8	1.0	1.3	1.4	1.6	2.0	3.1	1.2	.9	2.16
WILKES BARRE SITE 01	68	25	.4	.6	.8	.9	1.2	1.4	1.6	2.1	2.2	2.6	3.2	1.5	1.3	1.79
YORK SITE 01	68	25	.8	1.5	2.6	2.8	3.1	3.4	3.6	3.7	3.9	4.7	5.6	3.3	3.0	1.54
PUERTO RICO BAYAMON SITE 01	68	26	.4	.6	1.1	1.2	1.5	1.6	1.8	2.0	2.1	2.5	2.7	1.6	1.4	1.65
GUAYANILLA SITE 01	68	26	.3	.4	.6	.6	.8	.8	1.0	1.1	1.3	1.4	2.4	.9	.8	1.63
PONCE SITE 01	68	25	.4	1.0	1.0	1.3	1.3	1.5	1.6	1.8	2.0	3.0	3.6	1.7	1.5	1.61
RHODE ISLAND EAST PROVIDENCE SITE 01	68	26	.4	.5	1.0	1.1	1.2	1.6	1.7	3.0	3.6	4.0	4.2	2.0	1.6	2.04
PROVIDENCE SITE 01	68	26	.4	.6	.8	.9	1.8	2.1	2.3	3.1	3.8	4.5	5.0	2.3	1.8	2.10
SOUTH CAROLINA COLUMBIA SITE 01	68	24	.8	1.3	1.4	2.4	2.6	2.9	3.1	3.4	3.5	3.7	4.5	2.7	2.5	1.58
GREENVILLE SITE 01	68	25	.6	1.0	1.4	2.0	2.1	2.2	2.2	3.1	3.3	3.5	3.7	2.3	2.1	1.62
SOUTH DAKOTA SIOUX FALLS SITE 01	68	23	.1	.5	.9	1.1	1.5	1.6	2.0	2.8	3.0	3.4	9.8	2.2	1.5	2.86
TENNESSEE CHATTANOOGA SITE 01	68	25	1.0	2.1	2.6	3.0	3.1	4.0	4.1	4.3	5.3	5.6	13.0	4.1	3.7	1.65
KNOXVILLE SITE 01	68	26	1.2	1.5	2.1	2.8	3.5	3.5	3.6	3.8	3.9	4.3	5.0	3.2	3.0	1.48
MEMPHIS SITE 01	68	25	1.1	1.2	1.7	2.5	2.7	3.0	3.1	3.4	3.5	3.9	5.1	2.8	2.6	1.50
NASHVILLE SITE 01	68	25	.1	1.7	1.7	2.4	2.8	3.1	3.2	3.3	3.9	4.3	5.5	2.9	2.4	2.27
TEXAS DALLAS SITE 02	68	23	.5	2.0	2.2	2.3	2.8	2.8	3.1	3.4	3.6	4.0	4.5	2.9	2.7	1.56
HOUSTON SITE 01	68	26	1.0	1.6	2.5	2.7	3.0	3.3	3.6	3.9	4.4	5.8	9.7	3.6	3.3	1.62
PASADENA SITE 01	68	26	.6	1.3	1.7	2.1	2.7	3.0	3.1	3.3	3.6	4.7	6.6	2.9	2.6	1.68
SAN ANTONIO SITE 01	68	26	1.6	1.8	2.3	2.5	2.8	2.8	3.1	3.3	3.4	4.0	5.4	3.0	2.8	1.33
UTAH OGDEN SITE 01	68	25	.7	.8	1.4	1.6	1.6	2.0	2.2	2.4	2.7	3.7	9.1	2.4	2.0	1.78
SALT LAKE CITY SITE 01	68	26	.6	1.2	1.6	1.7	1.8	1.9	2.1	2.6	3.8	4.8	7.7	2.5	2.2	1.76

Table 6-4 (continued). NITRATE, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m3													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
VERMONT																
BURLINGTON																
SITE 01	68	24	.1	.4	.5	.6	.7	.7	1.1	1.3	1.7	2.3	3.5	1.1	.8	2.24
VIRGINIA																
DANVILLE																
SITE 01	68	25	.1	.4	.5	.9	1.0	1.0	1.1	1.7	2.1	2.4	4.2	1.4	1.0	2.31
HAMPTON																
SITE 01	68	26	.2	.4	.5	.7	1.0	1.3	1.6	2.0	2.1	2.8	3.5	1.4	1.1	2.19
LYNCHBURG																
SITE 01	68	26	.4	1.0	1.1	1.4	1.7	1.8	2.1	2.4	2.6	3.1	4.2	2.0	1.7	1.67
NORFOLK																
SITE 01	68	26	.2	.8	1.2	1.4	1.5	1.8	2.4	2.5	3.2	4.5	5.1	2.2	1.8	2.02
PORTSMOUTH																
SITE 01	68	26	.5	.9	1.3	1.4	1.7	1.9	2.4	2.9	3.3	3.6	5.6	2.3	2.0	1.73
RICHMOND																
SITE 01	68	26	.4	.6	.7	.8	1.2	1.2	1.6	1.8	2.1	2.9	3.5	1.5	1.3	1.79
ROANOKE																
SITE 01	68	25	.2	.5	.7	1.1	1.2	1.4	1.6	1.8	2.3	2.7	4.1	1.6	1.3	2.03
WASHINGTON																
SEATTLE																
SITE 01	68	26	.8	.9	1.0	1.0	1.2	1.3	1.7	2.2	2.2	2.7	5.6	1.7	1.5	1.63
WEST VIRGINIA																
CHARLESTON																
SITE 01	68	26	.2	.3	.5	.7	1.1	1.2	1.3	1.5	1.6	2.4	4.0	1.3	1.0	2.12
WISCONSIN																
EAU CLAIRE																
SITE 01	68	24	.2	.6	.7	.8	.9	.9	1.1	1.3	1.9	2.2	5.2	1.3	1.1	1.92
KENOSHA																
SITE 01	68	26	.5	.7	.8	.9	1.2	1.6	1.7	2.1	2.9	3.8	5.6	1.9	1.5	1.93
MADISON																
SITE 01	68	25	.4	.6	.7	1.1	1.3	1.5	1.6	2.0	2.1	2.7	4.4	1.6	1.4	1.84
MILWAUKEE																
SITE 01	68	25	.6	.9	1.2	2.2	2.4	3.0	3.5	6.2	6.9	9.9	17.9	4.7	3.2	2.51
SUPERIOR																
SITE 01	68	24	.1	.3	.4	.7	.9	.9	1.7	1.8	2.7	3.3	3.9	1.5	1.0	2.59
WYOMING																
CASPER																
SITE 01	68	26	.3	.3	.4	.4	.5	.5	.6	.8	.8	1.1	1.4	.6	.6	1.57
CHEYENNE																
SITE 01	69	26	.3	.3	.4	.4	.6	.6	.7	.9	1.0	1.4	2.4	.8	.7	1.75

*Data contributed by state or local agency.

Table 6-5. NITRATE, STATE OF NEW YORK FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
NEW YORK																
BINGHAMTON SITE 02	68	44	.1	.4	.7	1.1	1.3	1.3	1.6	1.9	2.1	2.2	3.2	1.4	1.2	2.04
BUFFALO SITE 01	68	49	.4	1.0	1.3	1.7	2.0	2.3	2.7	3.3	3.7	5.4	10.1	2.8	2.2	1.95
ELMIRA SITE 01	68	56	.2	.6	.8	1.0	1.2	1.2	1.5	1.7	2.0	2.5	3.8	1.5	1.3	1.76
GARDEN CITY SITE 01	68	49	.1	.3	.5	.6	.8	1.1	1.2	1.5	2.0	2.4	3.3	1.2	.9	2.13
MASSENA SITE 01	68	56	.1	.4	.5	.6	.8	.9	1.0	1.1	1.6	2.0	4.8	1.1	.9	2.00
MT VERNON SITE 01	68	57	.2	.5	.7	.8	.9	1.1	1.4	1.7	2.2	2.9	4.9	1.5	1.2	1.97
NEW ROCHELLE SITE 02	68	59	.2	.5	.8	1.1	1.4	1.5	1.9	2.3	2.6	3.3	5.9	1.8	1.4	2.05
NEW YORK CITY SITE 01	68	50	.2	.3	.5	.8	.9	1.0	1.1	1.3	1.5	2.2	3.8	1.2	1.0	2.00
NIAGARA FALLS SITE 01	68	54	.8	1.3	1.9	2.4	2.8	3.0	3.7	4.0	4.7	7.1	11.4	3.7	3.1	1.87
POUGHKEEPSIE SITE 01	68	65	.2	.4	.6	.8	1.0	1.2	1.3	1.5	1.7	2.4	5.3	1.3	1.0	1.96
ROCHESTER SITE 01	68	31	.6	1.0	1.0	1.2	1.6	2.1	2.3	2.6	3.2	3.7	7.6	2.3	1.9	1.83
SCHENECTADY SITE 01	68	53	.2	.7	.9	1.0	1.2	1.3	1.4	1.8	2.3	2.8	4.8	1.6	1.3	1.83
SYRACUSE SITE 01	68	43	.2	1.2	1.7	2.0	2.6	2.8	3.3	4.5	4.9	6.3	10.4	3.4	2.7	2.09
TROY SITE 02	68	61	.3	.5	.5	.7	.9	1.1	1.2	1.4	1.8	2.5	5.6	1.3	1.1	1.93
UTICA SITE 01	68	37	.1	.9	1.4	1.6	1.7	1.9	2.2	2.5	2.7	3.7	7.2	2.2	1.8	2.03

*Data contributed by state or local agency.

Table 6-6. NITRATE, NONURBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m3													Std geo dev
			Min	Frequency distribution, percent*									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
ARIZONA GRAND CANYON NAT PK SITE 01	68	25	.2	.2	.2	.3	.4	.5	.6	.7	.8	1.1	1.4	.6	.5	1.84
ARKANSAS MONTGOMERY COUNTY SITE 01	68	25	.2	.3	.5	.6	.7	.8	1.0	1.2	1.2	1.4	1.6	.9	.8	1.81
CALIFORNIA HUMBOLDT COUNTY SITE 01	68	26	.0	.1	.3	.3	.4	.4	.5	.6	.7	1.7	2.4	.6	.4	2.28
COLORADO MESA VERDE NAT PK SITE 01	68	22	.2	.2	.3	.4	.5	.6	.7	.8	1.0	1.7	4.5	.9	.6	2.20
DELAWARE KENT COUNTY SITE 01	68	24	.2	.3	.4	.6	.6	.7	1.0	1.1	1.8	2.1	3.1	1.0	.8	2.12
IDAHO BUTTE COUNTY SITE 01	68	24	.2	.2	.2	.3	.3	.3	.3	.4	.6	.6	1.1	.4	.3	1.57
INDIANA MONROE COUNTY SITE 01	68	24	.2	.2	.5	.7	.7	1.0	1.2	1.6	2.0	2.5	3.4	1.2	.9	2.27
PARKE COUNTY SITE 01	68	25	.2	.3	.4	.4	.5	.5	.6	.8	.9	1.4	3.1	.7	.6	1.86
MAINE ACADIA NAT PK SITE 01	68	26	.0	.2	.3	.4	.5	.6	.8	1.0	1.3	1.7	2.3	.8	.6	2.20
MARYLAND CALVERT COUNTY SITE 01	68	23	.2	.3	.3	.6	.9	.9	1.0	1.5	1.7	1.9	2.9	1.1	.8	2.16
MISSISSIPPI JACKSON COUNTY SITE 01	68	25	.2	.2	.3	.4	.4	.7	.8	.9	.9	1.4	1.5	.7	.6	1.94
MISSOURI SHANNON COUNTY SITE 01	68	25	.2	.3	.5	.7	.9	1.1	1.2	1.5	1.8	1.9	2.5	1.1	1.0	1.94
MONTANA GLACIER NAT PK SITE 01	68	25	.0	.0	.0	.0	.0	.1	.1	.2	.2	.3	.6	.1	.1	1.71
NEBRASKA THOMAS COUNTY SITE 01	68	24	.0	.1	.1	.2	.2	.3	.5	.6	.6	.9	1.2	.4	.3	2.31
NEVADA WHITE PINE COUNTY SITE 01	68	26	.0	.1	.2	.2	.2	.2	.2	.3	.4	1.0	1.3	.3	.2	2.07
NEW HAMPSHIRE COOS COUNTY SITE 01	68	23	.0	.2	.2	.2	.3	.4	.5	.6	.7	1.0	2.1	.5	.4	2.11
NEW YORK JEFFERSON COUNTY SITE 01	68	26	.2	.3	.3	.5	.6	.7	.9	1.2	1.6	2.3	5.8	1.1	.8	2.32
NORTH CAROLINA CAPE HATTERAS SITE 01	68	25	.1	.6	.6	.8	.8	1.0	1.1	1.7	1.8	2.5	2.9	1.2	1.0	2.10
OKLAHOMA CHEROKEE COUNTY SITE 01	68	25	.2	.3	.5	.6	.7	.8	.8	.9	1.1	1.7	1.8	.8	.7	1.77
OREGON CURRY COUNTY SITE 01	68	26	.1	.1	.3	.3	.4	.4	.5	.5	.6	.7	1.1	.4	.4	1.85
PENNSYLVANIA CLARION COUNTY SITE 01	68	26	.2	.3	.5	.6	.8	.9	1.0	1.2	1.5	1.7	3.0	1.0	.8	1.98
RHODE ISLAND WASHINGTON COUNTY SITE 01	68	26	.2	.3	.7	.8	1.0	1.0	1.2	1.4	1.5	2.3	3.7	1.2	1.0	1.98
SOUTH CAROLINA RICHLAND COUNTY SITE 01	68	23	.3	.4	.5	.6	.7	.7	1.1	1.5	1.8	2.4	5.2	1.2	.9	2.06

*Data contributed by state or local agency.

Table 6-6 (continued). NITRATE, NONURBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m³												Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
SOUTH DAKOTA BLACK HILLS NAT FOR SITE 01	68	26	.0	.0	.0	.0	.1	.1	.1	.2	.2	.3	.4	.1	.1	1.55
TEXAS MATAGORDA COUNTY SITE 01	68	25	.2	.3	.4	.5	.6	.7	.9	1.2	1.3	1.5	3.3	1.0	.8	2.01
VERMONT ORANGE COUNTY SITE 01	68	26	.1	.1	.2	.2	.3	.3	.4	.5	.6	1.1	1.2	.4	.3	2.22
VIRGINIA SHENANDOAH NAT PK SITE 01	68	26	.1	.1	.1	.2	.3	.5	.5	.8	1.1	1.2	1.4	.6	.4	2.59
WYOMING YELLOWSTONE PARK SITE 01	68	26	.0	.0	.0	.0	.1	.1	.1	.2	.2	.3	.3	.1	.1	1.92

*Data contributed by state or local agency.

Table 6-7. SULFATE, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
ALABAMA																
GADSDEN																
SITE 01	68	25	2.2	3.2	4.2	5.0	6.8	7.1	8.4	8.9	11.0	13.6	28.7	8.4	7.0	1.82
HUNTSVILLE																
SITE 01	68	26	3.3	3.5	4.7	5.2	6.2	6.8	7.9	8.3	9.3	12.2	14.4	7.2	6.7	1.51
MOBILE																
SITE 01	68	24	3.9	4.3	6.0	6.6	7.9	8.9	12.3	12.9	15.9	17.1	32.4	11.0	9.5	1.73
MONTGOMERY																
SITE 01	68	26	3.3	3.5	4.0	4.2	4.9	5.3	6.0	8.5	9.5	11.6	15.0	6.6	5.9	1.57
ALASKA																
ANCHORAGE																
SITE 03	68	26	.5	.5	.8	.8	1.1	1.1	1.3	1.8	2.2	3.2	7.3	1.6	1.2	1.94
FAIRBANKS																
SITE 01	68	24	.9	1.4	1.6	1.9	2.1	2.2	2.4	2.7	3.2	4.3	5.4	2.5	2.3	1.50
ARIZONA																
MARICOPA COUNTY																
SITE 01	68	26	1.1	1.3	1.5	1.7	1.9	2.2	2.5	3.4	4.2	5.9	12.0	3.1	2.5	1.85
PHOENIX																
SITE 02	68	26	.9	1.9	2.3	2.5	2.6	2.9	3.1	4.3	5.0	6.8	18.4	4.2	3.3	1.87
TUCSON																
SITE 01	68	26	.6	1.4	1.6	1.7	2.1	2.3	3.2	3.3	4.0	6.0	10.1	3.1	2.6	1.87
ARKANSAS																
LITTLE ROCK																
SITE 01	68	25	2.1	2.6	2.6	3.3	3.5	4.6	5.1	6.1	6.2	6.9	14.0	5.0	4.4	1.61
TEXARKANA																
SITE 01	68	26	1.8	2.0	2.5	2.9	3.6	4.4	4.6	5.0	5.2	8.2	12.3	4.6	4.0	1.68
WEST MEMPHIS																
SITE 01	68	26	1.6	2.1	3.2	3.6	5.0	5.2	5.9	7.1	8.5	10.1	15.6	6.0	5.2	1.78
CALIFORNIA																
BURBANK																
SITE 01	68	26	2.4	4.3	5.1	5.6	7.1	10.2	11.8	14.3	15.6	18.3	38.7	11.0	9.0	1.90
GLENDALE																
SITE 01	68	26	2.7	4.3	6.5	6.5	7.5	9.1	11.6	14.2	15.3	17.2	29.3	10.8	9.3	1.73
LONG BEACH																
SITE 01	68	26	4.9	6.4	6.9	7.6	10.7	11.0	13.0	21.3	22.5	29.1	52.2	15.3	12.7	1.83
LOS ANGELES																
SITE 01	68	26	4.7	6.1	6.8	7.5	7.9	8.4	11.0	13.0	19.7	21.5	41.2	12.9	10.8	1.77
OAKLAND																
SITE 01	68	25	3.9	4.3	4.4	4.8	5.2	6.0	7.3	7.8	8.9	10.2	28.0	7.6	6.7	1.61
ONTARIO																
SITE 01	68	24	3.8	5.1	5.6	6.7	7.5	9.1	11.4	12.0	14.9	16.0	18.0	9.9	9.0	1.57
PASADENA																
SITE 01	68	26	3.9	4.1	5.9	6.9	9.2	10.4	13.6	15.2	16.6	19.6	40.7	12.2	10.3	1.82
RIVERSIDE																
SITE 01	68	26	2.1	3.4	5.4	7.0	7.4	8.8	10.1	11.5	12.5	13.4	36.5	9.8	8.3	1.80
SACRAMENTO																
SITE 01	68	26	1.1	1.5	1.9	2.2	3.8	4.0	4.3	4.7	6.1	7.8	10.5	4.2	3.5	1.83
SAN BERNARDINO																
SITE 01	68	26	2.8	3.6	4.8	5.4	6.6	7.0	10.0	11.2	14.0	16.2	35.8	9.8	8.0	1.87
SAN DIEGO																
SITE 01	68	26	2.8	3.5	4.9	5.3	5.6	6.4	9.2	11.0	12.2	17.9	29.0	9.1	7.6	1.80
SAN FRANCISCO																
SITE 01	68	26	3.0	3.9	5.3	5.7	6.0	7.2	8.3	9.1	9.8	17.4	28.5	8.8	7.6	1.69
COLORADO																
DENVER																
SITE 01	68	25	1.8	2.6	2.8	3.6	3.7	4.5	4.7	5.2	5.4	6.6	8.6	4.5	4.2	1.46
CONNECTICUT																
HARTFORD																
SITE 01	68	26	3.9	5.7	7.8	9.0	10.4	12.0	13.4	14.7	15.1	18.8	48.1	12.9	11.3	1.66
NEW HAVEN																
SITE 01	68	26	4.9	10.3	11.7	12.3	13.5	16.1	17.4	19.1	20.6	26.6	38.6	17.0	15.4	1.59

*Data contributed by state or local agency.

Table 6-7 (continued). SULFATE, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
DELAWARE																
NEWARK																
SITE 01	68	25	5.3	6.3	7.3	8.4	8.6	9.4	10.0	11.8	13.3	20.1	28.0	11.2	10.3	1.50
WILMINGTON																
SITE 01	68	23	8.8	12.2	14.7	15.2	17.2	18.0	19.7	22.6	23.8	30.0	47.9	20.3	18.9	1.46
DC																
WASHINGTON																
SITE 01	68	26	5.6	8.1	9.1	11.6	13.9	14.6	16.3	19.1	19.8	23.9	29.3	15.4	14.3	1.52
FLORIDA																
JACKSONVILLE																
SITE 02	68	25	3.4	5.5	7.7	9.2	9.6	10.7	11.7	16.8	16.9	26.5	34.5	13.3	11.5	1.74
TAMPA																
SITE 02	68	24	2.7	5.2	7.2	8.0	9.3	11.6	12.4	13.1	17.2	19.0	28.5	11.6	10.2	1.73
GEORGIA																
ATLANTA																
SITE 01	68	26	3.4	4.2	5.1	6.4	7.1	7.5	7.8	9.1	9.1	10.0	12.6	7.4	7.1	1.39
HAWAII																
HONOLULU																
SITE 01	68	26	1.8	2.2	2.4	2.4	2.8	3.0	3.5	4.5	5.1	7.8	18.1	4.3	3.6	1.73
IDAHO																
BOISE																
SITE 01	68	26	.5	.5	.8	.8	.9	1.0	1.2	2.1	2.4	2.9	5.7	1.6	1.3	1.99
ILLINOIS																
CHICAGO																
SITE 01	68	25	.3	5.5	8.8	10.3	10.5	11.4	11.7	17.3	20.6	22.1	28.4	13.4	10.7	2.44
EAST ST LOUIS																
SITE 01	68	26	3.5	5.6	7.3	9.7	10.1	10.4	11.8	14.0	14.4	16.9	19.0	11.2	10.4	1.54
JOLIET																
SITE 01	68	22	4.5	5.9	7.6	10.1	10.8	11.7	13.0	13.5	14.6	18.1	25.4	12.0	11.0	1.55
ROCKFORD																
SITE 01	68	26	3.5	4.3	5.7	6.3	7.5	7.7	8.4	8.8	10.0	12.0	19.5	8.3	7.7	1.48
SPRINGFIELD																
SITE 01	68	23	2.2	3.8	5.0	6.0	6.2	6.9	7.1	7.3	8.3	8.4	19.0	7.0	6.4	1.50
INDIANA																
EAST CHICAGO																
SITE 01	68	26	7.1	9.2	10.0	10.4	13.5	13.7	15.7	16.2	19.0	29.3	32.7	15.7	14.4	1.51
HAMMOND																
SITE 01	68	26	5.3	6.3	6.9	7.9	10.1	10.8	12.2	15.0	15.7	18.7	34.9	12.3	11.1	1.57
INDIANAPOLIS																
SITE 01	68	25	7.4	7.9	8.7	9.0	9.5	10.4	11.7	14.3	15.0	18.6	26.0	12.2	11.6	1.40
SOUTH BEND																
SITE 01	68	24	4.2	4.5	5.4	7.6	9.1	11.4	13.5	14.5	15.1	17.5	110.9	14.6	10.7	1.97
IOWA																
CEDAR RAPIDS																
SITE 01	68	26	.5	2.0	2.4	2.9	3.4	4.1	5.4	6.1	10.4	12.2	15.8	5.7	4.4	2.20
DES MOINES																
SITE 01	68	26	1.4	2.1	3.1	3.6	3.9	4.0	4.2	4.6	5.7	10.9	13.7	4.8	4.2	1.70
DUBUQUE																
SITE 01	68	23	.8	2.9	3.4	3.7	4.9	5.6	5.8	6.3	10.6	14.2	21.2	6.8	5.4	2.03
KANSAS																
KANSAS CITY																
SITE 01	68	25	2.5	3.7	4.3	5.0	5.3	5.4	5.4	6.7	6.9	8.4	10.3	5.8	5.5	1.37
TOPEKA																
SITE 01	68	26	.8	1.3	2.1	2.2	3.2	3.3	3.6	4.2	4.4	7.0	12.3	3.8	3.2	1.85
WICHITA																
SITE 01	68	25	1.6	1.6	2.1	2.7	2.8	3.1	3.6	4.1	4.8	6.0	6.1	3.6	3.3	1.53
KENTUCKY																
ASHLAND																
SITE 02	68	23	2.9	7.8	8.8	9.5	10.0	11.3	13.5	17.7	19.0	21.2	26.0	13.3	12.0	1.62
COVINGTON																
SITE 01	68	25	3.0	5.2	6.3	7.0	7.4	8.5	10.0	10.6	12.1	13.0	15.9	9.0	8.4	1.49
LEXINGTON																
SITE 01	68	25	1.4	3.3	5.1	6.3	6.4	7.2	7.4	8.3	9.6	14.6	22.3	8.2	7.0	1.79

*Data contributed by state or local agency.

Table 6-7 (continued). SULFATE, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
KENTUCKY																
LOUISVILLE																
SITE 01	68	25	6.6	7.6	11.3	12.0	13.2	14.5	14.6	19.5	21.6	25.1	31.0	16.0	14.7	1.52
LOUISIANA																
NEW ORLEANS																
SITE 02	68	26	3.4	4.1	5.1	5.5	7.1	7.4	7.7	8.9	10.1	12.1	17.8	7.8	7.2	1.50
MAINE																
PORTLAND																
SITE 02	68	21	4.0	4.5	6.0	8.4	11.3	14.9	16.2	17.4	31.7	36.6	66.7	19.0	13.7	2.30
MARYLAND																
BALTIMORE																
SITE 01	68	26	3.2	5.5	7.3	8.4	9.6	9.9	13.4	14.1	14.8	22.6	28.9	12.5	10.9	1.72
MASSACHUSETTS																
BOSTON																
SITE 01	68	25	8.8	9.1	10.5	12.2	14.6	16.3	17.0	18.2	22.0	27.0	32.2	17.2	16.0	1.48
WORCESTER																
SITE 01	68	25	3.8	5.2	6.8	8.9	9.5	11.3	11.4	14.3	15.1	16.4	23.3	11.4	10.4	1.58
MICHIGAN																
DETROIT																
SITE 01	68	26	3.4	5.9	7.6	9.5	11.0	14.5	16.3	17.8	20.6	24.8	33.4	14.6	12.5	1.82
FLINT																
SITE 01	68	26	2.4	3.4	3.9	4.3	5.1	5.8	6.9	7.0	7.8	13.0	21.2	6.9	6.0	1.67
GRAND RAPIDS																
SITE 01	68	26	3.4	4.6	5.6	6.1	7.6	9.0	11.4	15.0	17.0	19.0	33.4	11.6	9.6	1.89
TRENTON																
SITE 01	68	25	5.1	6.5	7.3	9.4	9.7	10.6	12.9	15.2	18.3	21.8	23.5	12.6	11.4	1.58
MINNESOTA																
DULUTH																
SITE 01	68	24	.9	2.2	2.3	4.4	4.5	5.1	5.7	6.3	8.7	10.8	15.1	5.8	4.8	1.92
MINNEAPOLIS																
SITE 01	68	26	2.0	2.1	2.9	3.0	4.1	4.3	4.7	5.6	8.0	11.0	14.0	5.5	4.6	1.76
MOORHEAD																
SITE 01	68	26	1.6	2.5	2.8	3.0	3.5	3.6	4.4	5.4	5.9	7.0	15.1	4.6	4.0	1.66
ST PAUL																
SITE 01	68	26	.4	1.9	3.1	3.7	5.0	6.0	6.8	8.5	10.0	11.7	17.7	6.7	5.3	2.21
MISSISSIPPI																
JACKSON																
SITE 02	68	26	1.9	2.9	3.8	3.9	4.0	4.3	4.9	5.9	6.1	8.0	11.8	5.1	4.7	1.50
MISSOURI																
KANSAS CITY																
SITE 01	68	25	1.7	4.0	4.3	4.7	5.5	5.8	6.0	6.2	7.1	8.8	18.0	6.2	5.7	1.58
MONTANA																
HELENA																
SITE 01	68	24	.0	.6	1.1	1.5	1.6	1.9	2.4	3.2	4.9	9.2	10.9	3.2	2.0	3.00
NEBRASKA																
OMAHA																
SITE 01	68	25	.9	2.6	2.7	4.2	4.8	5.5	6.1	6.5	7.4	10.2	14.1	5.8	5.0	1.81
NEVADA																
LAS VEGAS																
SITE 01	68	25	.9	1.0	1.9	2.4	2.8	3.8	4.0	4.5	4.9	5.7	6.7	3.5	3.1	1.81
RENO																
SITE 01	68	26	1.3	1.3	1.6	1.6	2.1	2.2	2.6	3.4	4.6	7.2	13.0	3.4	2.7	1.89
NEW HAMPSHIRE																
CONCORD																
SITE 01	68	25	2.3	3.1	3.7	4.7	5.3	6.0	7.0	8.2	9.2	12.1	21.2	7.1	6.2	1.70
NEW JERSEY																
BAYONNE																
SITE 01	68	21	10.9	11.8	13.2	13.7	15.7	16.4	19.8	23.4	26.5	35.6	42.0	20.6	18.9	1.52
BURLINGTON COUNTY																
SITE 02	68	26	4.5	6.0	8.3	9.1	10.7	10.9	15.1	16.8	17.3	21.2	25.4	13.1	11.9	1.58
CAMDEN																
SITE 01	68	26	12.4	12.8	15.0	15.8	17.6	18.8	20.7	22.7	26.1	32.3	36.4	20.8	19.8	1.39
GLASSBORO																
SITE 01	68	25	3.9	6.2	7.7	8.9	9.4	11.6	13.0	14.5	18.7	23.5	31.3	13.4	11.8	1.68

*Data contributed by state or local agency.

Table 6-7 (continued). SULFATE, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
NEW JERSEY																
HAMILTON SITE 01	68	23	4.4	6.9	7.5	9.0	12.2	13.5	14.1	16.5	17.5	19.0	32.9	13.5	12.2	1.58
JERSEY CITY SITE 01	68	25	5.2	6.8	10.7	12.0	13.0	18.8	20.0	22.2	25.2	27.1	34.2	17.8	15.8	1.69
NEWARK SITE 01	68	24	3.6	6.3	8.0	10.6	12.8	13.3	16.3	17.2	23.4	26.5	36.1	15.1	13.2	1.74
PATERSON SITE 01	68	26	5.6	6.3	8.4	11.0	14.7	15.3	17.2	20.4	22.0	26.6	33.5	16.2	14.5	1.65
PERTH AMBOY SITE 01	68	26	8.4	9.1	10.4	10.6	11.1	11.6	14.8	16.8	19.2	28.5	29.6	15.1	13.9	1.49
TRENTON SITE 01	68	24	3.0	5.1	6.2	7.3	8.0	9.0	10.0	10.4	11.9	16.6	20.9	9.7	8.7	1.62
NEW MEXICO																
ALBUQUERQUE SITE 01	68	26	1.5	1.4	2.0	2.7	3.2	3.2	3.7	4.4	5.1	8.0	14.0	4.1	3.5	1.77
NEW YORK																
BINGHAMTON SITE 02	*68	44	.6	3.8	4.4	4.9	5.3	5.6	6.5	7.3	8.9	10.8	23.4	6.8	5.9	1.78
BUFFALO SITE 01	*68	48	1.9	5.0	5.6	7.7	10.0	10.5	11.4	14.1	18.3	20.1	34.4	12.4	10.5	1.81
ELMIRA SITE 01	*68	56	.4	3.5	4.3	4.7	5.4	5.9	6.5	7.9	8.9	11.9	21.7	7.0	6.1	1.81
GARDEN CITY SITE 01	*68	49	3.0	4.8	6.1	7.1	8.2	9.6	10.6	12.0	12.9	17.1	28.0	10.3	9.2	1.62
MASSENA SITE 01	*68	56	.1	2.6	3.3	4.2	4.8	5.3	6.3	7.5	10.3	13.4	25.5	7.0	5.3	2.42
MT VERNON SITE 01	*68	57	4.3	6.6	7.9	9.1	10.2	12.0	14.5	15.7	16.4	19.5	61.1	13.7	12.0	1.65
NEW ROCHELLE SITE 02	*68	59	3.4	7.5	8.0	8.9	9.9	10.9	12.0	15.3	17.3	23.0	34.1	12.9	11.6	1.59
NEW YORK CITY SITE 01	*68	50	5.5	8.4	13.7	15.1	17.2	18.5	20.6	23.5	26.5	34.0	53.0	21.0	18.6	1.67
NIAGARA FALLS SITE 01	*68	54	3.9	5.9	6.6	9.8	10.9	12.6	15.5	17.2	19.3	21.5	36.1	14.0	12.3	1.69
POUGHKEEPSIE SITE 01	*68	65	3.5	4.6	5.0	5.9	6.6	8.1	9.9	11.5	13.7	19.6	25.6	10.0	8.6	1.71
ROCHESTER SITE 01	*68	31	3.4	6.0	7.5	8.0	9.8	10.3	11.0	12.1	13.9	18.6	22.9	11.2	10.2	1.56
SCHENECTADY SITE 01	*68	53	3.1	3.9	4.7	5.2	5.9	6.9	8.2	9.4	11.5	14.0	29.2	8.4	7.3	1.65
SYRACUSE SITE 01	*68	43	1.6	5.9	6.2	6.8	8.3	8.7	9.8	11.1	13.3	15.7	20.9	9.9	8.9	1.61
TROY SITE 02	*68	61	3.3	4.7	5.2	6.6	7.2	8.3	9.1	10.2	13.1	16.4	32.4	9.6	8.4	1.64
UTICA SITE 01	*68	37	3.6	5.3	5.6	6.4	7.0	7.8	8.5	9.5	10.2	11.0	17.8	8.1	7.6	1.43
NORTH CAROLINA																
CHARLOTTE SITE 01	68	25	3.8	4.7	5.9	6.7	7.3	8.2	8.3	10.1	10.7	11.4	12.0	8.2	7.7	1.40
DURHAM SITE 01	68	23	3.3	4.1	5.3	6.0	6.8	7.6	8.1	9.5	10.2	12.9	20.3	8.4	7.5	1.57
NORTH DAKOTA																
BISMARCK SITE 01	68	26	.3	.9	2.2	2.6	2.7	3.0	3.2	3.7	4.0	5.0	7.3	3.1	2.6	2.01
OHIO																
AKRON SITE 01	68	25	4.4	5.4	7.9	9.5	10.2	11.5	14.4	16.9	18.0	23.4	29.9	13.6	12.0	1.71
CINCINNATI SITE 01	68	26	4.3	5.4	7.5	8.5	8.9	9.4	9.8	11.5	14.6	16.9	19.0	10.4	9.7	1.48
CLEVELAND SITE 01	68	26	6.5	9.4	11.6	12.7	13.5	16.5	17.8	20.1	20.9	25.7	39.3	17.2	15.9	1.51

*Data contributed by state or local agency.

Table 6-7 (continued). SULFATE, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Frequency distribution percent										Max	Arith mean	Geo mean	
			Min	10	20	30	40	50	60	70	80	90				
OHIO																
COLUMBUS																
SITE 01	68	24	4.1	5.1	6.2	6.8	7.1	8.1	9.8	11.2	13.5	17.4	19.5	9.6	8.8	1.56
DAYTON																
SITE 01	68	26	3.3	3.9	4.9	6.0	7.7	8.1	9.0	10.9	11.6	15.3	19.0	9.0	8.1	1.62
TOLEDO																
SITE 01	68	26	4.9	6.0	6.8	7.7	8.7	11.3	12.7	14.1	16.6	21.0	27.7	12.1	10.8	1.61
YOUNGSTOWN																
SITE 01	68	25	5.7	7.6	7.8	9.9	10.3	12.7	13.6	15.5	17.8	22.3	42.1	14.3	12.8	1.60
OKLAHOMA																
OKLAHOMA CITY																
SITE 01	68	23	1.1	1.3	1.5	1.9	2.2	2.5	3.3	3.8	4.0	5.2	6.9	3.0	2.6	1.70
TULSA																
SITE 01	68	26	1.4	2.2	2.5	2.8	3.5	4.0	4.4	4.7	4.9	7.3	14.7	4.4	3.8	1.62
OREGON																
MEDFORD																
SITE 01	68	25	.9	1.3	1.7	2.1	2.2	2.5	3.0	3.9	5.5	6.5	15.1	3.8	2.9	2.03
PORTLAND																
SITE 01	68	26	1.0	1.5	3.6	3.8	4.4	6.7	9.3	10.5	11.7	14.1	25.0	8.0	6.0	2.29
PENNSYLVANIA																
ALLENTOWN																
SITE 01	68	26	5.4	7.1	8.5	10.0	11.4	11.9	13.0	14.2	15.5	18.5	22.2	12.3	11.6	1.42
ALTOONA																
SITE 01	68	23	4.3	5.4	8.0	9.4	10.9	11.9	13.4	14.6	15.8	19.3	20.8	12.2	11.2	1.54
BETHLEHEM																
SITE 02	68	24	5.5	6.7	8.7	12.2	12.9	13.6	16.0	16.6	20.5	26.1	35.2	15.2	13.6	1.62
HARRISBURG																
SITE 01	68	26	3.7	3.9	5.8	6.4	7.2	7.6	9.7	11.7	12.6	16.5	34.9	9.8	8.4	1.72
HAZELTON																
SITE 01	68	24	4.6	6.0	8.7	9.7	10.0	11.2	14.3	14.6	16.1	18.1	18.9	11.9	11.1	1.50
JOHNSTOWN																
SITE 01	68	24	7.1	9.1	9.3	11.0	11.3	13.5	15.8	16.1	19.1	19.6	33.1	14.6	13.7	1.43
PHILADELPHIA																
SITE 01	68	26	6.7	10.4	12.4	15.4	16.1	18.6	19.7	22.8	27.4	32.1	40.9	20.2	18.4	1.56
PITTSBURGH																
SITE 01	68	26	2.9	6.0	8.7	10.5	12.4	13.7	16.9	20.4	21.8	33.5	52.4	17.4	14.2	1.92
READING																
SITE 01	68	25	7.9	11.6	13.1	13.7	14.1	15.0	16.3	18.4	21.4	26.2	35.3	17.1	16.3	1.38
SCRANTON																
SITE 01	68	26	10.4	11.8	14.4	15.9	19.5	19.6	23.2	28.9	29.4	31.5	34.7	21.6	20.3	1.44
WARMINSTER																
SITE 01	68	25	2.7	5.0	5.8	6.6	9.2	10.6	12.0	13.7	15.4	18.3	36.8	11.6	9.9	1.76
WEST CHESTER																
SITE 01	68	25	2.5	3.9	4.9	5.6	6.8	8.9	9.4	11.1	13.9	15.8	17.5	9.1	8.1	1.69
WILKES BARRE																
SITE 01	68	25	4.9	6.7	8.2	10.0	14.3	15.2	15.5	18.5	19.7	21.0	24.6	14.5	13.2	1.59
YORK																
SITE 01	68	25	6.0	9.7	10.7	11.6	12.9	14.5	15.5	18.1	19.0	21.3	25.4	15.1	14.3	1.41
PUERTO RICO																
BAYAMON																
SITE 01	68	26	.6	3.3	4.6	5.3	6.5	7.9	9.3	13.3	16.9	18.1	21.2	9.7	7.8	2.19
GUAYANILLA																
SITE 01	68	26	.5	.7	1.2	1.4	1.6	1.7	2.0	2.7	3.7	5.6	7.3	2.5	1.9	2.02
PONCE																
SITE 01	68	25	1.9	3.0	3.1	4.0	4.8	5.3	5.6	5.9	6.4	8.2	9.0	5.2	4.9	1.46
RHODE ISLAND																
EAST PROVIDENCE																
SITE 01	68	26	3.9	4.7	5.8	6.8	8.4	9.9	11.0	12.2	15.6	22.6	24.3	11.0	9.7	1.69
PROVIDENCE																
SITE 01	68	26	4.2	7.3	9.4	10.3	11.8	13.8	14.4	16.0	18.2	22.6	27.9	14.0	12.9	1.54

*Data contributed by state or local agency.

Table 6-7 (continued). SULFATE, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
SOUTH CAROLINA																
COLUMBIA SITE 01	68	24	3.1	3.5	3.8	4.9	5.5	6.8	8.0	8.9	10.8	13.9	23.7	7.8	6.8	1.70
GREENVILLE SITE 01	68	25	2.7	4.4	5.4	5.7	6.0	6.2	6.3	7.3	8.4	11.0	15.0	7.0	6.6	1.45
SOUTH DAKOTA																
SIOUX FALLS SITE 01	68	23	.1	.7	1.1	1.6	1.8	2.0	2.0	2.4	2.7	3.7	18.7	2.7	1.8	2.54
TENNESSEE																
CHATTANOOGA SITE 01	68	25	2.4	4.5	5.2	6.3	6.7	9.2	10.1	12.0	12.4	15.6	22.0	9.4	8.2	1.72
KNOXVILLE SITE 01	68	26	3.3	4.7	7.0	7.2	7.8	7.9	9.3	11.0	13.0	14.7	19.3	9.5	8.7	1.54
MEMPHIS SITE 01	68	25	2.2	3.2	3.4	4.0	4.1	4.4	4.7	5.8	7.6	9.0	13.4	5.6	5.0	1.61
NASHVILLE SITE 01	68	25	5.2	5.7	6.1	6.5	6.8	7.9	8.2	8.5	14.0	16.9	23.0	9.5	8.6	1.53
TEXAS																
DALLAS SITE 02	68	23	1.0	1.5	1.9	2.1	2.6	3.3	4.1	4.5	4.7	5.3	10.6	3.7	3.2	1.76
HOUSTON SITE 01	68	26	1.4	2.2	2.7	2.8	4.0	4.6	5.9	7.2	7.5	11.3	24.1	6.0	4.8	1.95
PASADENA SITE 01	68	26	2.6	3.4	3.6	4.7	6.0	6.6	7.3	8.9	9.4	13.7	16.3	7.5	6.6	1.67
SAN ANTONIO SITE 01	68	26	1.6	2.0	2.2	2.4	2.8	2.9	3.1	3.7	4.2	4.7	6.5	3.2	3.0	1.43
UTAH																
OGDEN SITE 01	68	25	1.1	1.3	1.6	1.8	2.1	2.3	2.7	3.0	3.4	5.3	9.2	2.9	2.5	1.73
SALT LAKE CITY SITE 01	68	26	1.4	1.7	2.3	2.6	3.0	3.7	4.1	5.2	8.7	11.6	20.6	5.2	4.0	2.02
VERMONT																
BURLINGTON SITE 01	68	24	2.1	3.1	3.5	4.5	4.7	5.2	6.5	7.5	9.9	13.5	14.5	6.6	5.8	1.70
VIRGINIA																
DANVILLE SITE 01	68	25	3.2	3.4	6.0	6.8	7.9	8.9	9.5	10.5	11.6	12.3	22.8	9.3	8.3	1.65
HAMPTON SITE 01	68	26	4.0	5.2	6.1	7.4	8.0	8.7	10.1	11.0	11.2	15.3	22.9	9.8	8.9	1.52
LYNCHBURG SITE 01	68	26	4.4	5.5	7.0	7.9	8.3	9.8	10.4	11.1	11.6	14.0	20.8	9.9	9.3	1.44
NORFOLK SITE 01	68	26	6.3	7.0	8.2	9.1	10.8	11.4	12.4	13.7	17.2	22.4	25.3	12.9	11.9	1.50
PORTSMOUTH SITE 01	68	26	.6	4.5	7.7	9.1	10.8	11.7	13.1	16.3	19.4	23.1	49.0	13.6	10.6	2.32
RICHMOND SITE 01	68	26	4.7	6.0	6.6	7.0	7.8	9.1	10.4	10.7	11.7	14.7	18.5	9.6	9.0	1.40
ROANOKE SITE 01	68	25	3.4	5.4	5.6	6.4	7.1	8.7	9.4	10.9	13.0	15.6	23.3	9.8	8.8	1.59
WASHINGTON																
SEATTLE SITE 01	68	26	3.1	3.9	4.6	4.8	5.1	5.8	6.3	7.3	8.5	9.3	17.3	6.5	6.0	1.46
WEST VIRGINIA																
CHARLESTON SITE 01	68	26	6.4	9.2	18.3	20.5	26.6	33.8	54.8	81.0	82.8	99.9	156.2	48.7	36.1	2.35
WISCONSIN																
EAU CLAIRE SITE 01	68	24	1.7	1.7	2.5	2.9	3.6	4.1	4.5	4.8	6.8	10.2	19.1	5.0	4.1	1.86
KENOSHA SITE 01	68	26	2.0	2.6	4.1	4.7	5.2	6.1	7.5	9.4	10.7	14.3	23.7	7.6	6.4	1.86
MADISON SITE 01	68	25	1.9	2.9	3.7	4.7	5.0	5.5	5.6	6.9	7.1	11.7	14.4	6.1	5.5	1.62

*Data contributed by state or local agency.

Table 6-7 (continued). SULFATE, URBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
WISCONSIN																
MILWAUKEE																
SITE 01	68	25	3.3	4.3	5.9	7.3	7.7	12.5	12.6	13.7	16.2	22.0	32.1	11.9	10.1	1.83
SUPERIOR																
SITE 01	68	24	1.4	2.8	4.9	5.7	6.0	6.7	7.7	8.8	10.2	12.1	15.0	7.3	6.4	1.77
WYOMING																
CASPER																
SITE 01	68	26	2.1	2.1	2.4	2.6	2.9	3.0	3.4	4.2	4.5	6.3	8.2	3.6	3.4	1.46
CHEYENNE																
SITE 01	68	26	.5	1.0	1.2	1.3	1.4	1.6	1.6	1.8	2.7	3.6	5.2	1.9	1.7	1.65

*Data contributed by state or local agency.

Table 6-8. SULFATES, STATE OF WASHINGTON FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m3													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
WASHINGTON BELLINGHAM SITE 01	68	31	.7	1.8	2.1	2.6	2.8	3.4	3.5	5.0	8.1	10.8	12.2	4.7	3.7	2.13
BREMERTON SITE 01	68	94	.6	3.0	4.7	5.0	5.9	6.1	6.9	7.4	9.2	11.0	70.0	7.4	6.1	1.80
EVERETT SITE 02	68	83	.0	4.0	5.3	6.0	6.6	7.0	7.9	8.5	9.0	10.0	13.7	7.1	6.5	1.81
OLYMPIA SITE 01	68	100	.0	1.4	2.6	3.0	3.8	4.3	5.0	5.2	6.4	7.1	15.0	4.4	3.7	1.97
SEATTLE SITE 02	68	98	2.6	3.2	4.6	5.2	5.9	6.0	7.0	7.9	9.1	10.0	70.0	7.2	6.3	1.60
SPOKANE SITE 01	68	80	.0	1.9	3.0	3.1	4.0	4.3	5.0	6.1	8.0	10.1	17.0	5.4	4.2	2.38
TACOMA SITE 01	68	98	1.1	2.8	4.3	5.0	5.9	6.5	7.0	8.2	9.0	9.7	18.7	6.7	6.0	1.65
VANCOUVER SITE 01	68	99	.0	2.7	3.3	4.0	4.8	5.2	6.0	6.8	8.0	10.0	15.2	5.8	5.0	1.86

*Data contributed by state or local agency.

Table 6-9. SULFATE, NONURBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
ARIZONA GRAND CANYON NAT PK SITE 01	68	25	.3	.3	.5	.6	.9	1.2	1.6	1.9	2.4	3.3	7.5	1.7	1.2	2.42
ARKANSAS MONTGOMERY COUNTY SITE 01	68	25	.7	1.3	2.0	2.7	3.0	3.3	3.7	4.3	4.8	8.2	10.6	3.9	3.3	1.86
CALIFORNIA HUMBOLDT COUNTY SITE 01	68	26	.2	1.6	2.0	2.0	2.3	2.5	3.6	3.8	4.0	4.5	7.1	3.0	2.6	1.97
COLORADO MESA VERDE NAT PK SITE 01	68	22	.6	.6	.8	1.1	1.2	1.2	1.5	1.6	1.9	2.2	4.0	1.5	1.3	1.65
DELAWARE KENT COUNTY SITE 01	68	24	4.2	5.7	5.8	6.8	7.4	7.7	8.2	12.1	13.6	13.9	20.7	9.5	8.7	1.52
IDAHO BUTTE COUNTY SITE 01	68	24	.3	.6	.6	.8	.9	1.0	1.1	1.2	1.7	1.8	2.2	1.1	1.0	1.62
INDIANA MONROE COUNTY SITE 01	68	24	3.2	3.7	5.2	5.9	7.1	8.9	9.9	10.6	13.4	15.6	27.5	9.7	8.4	1.73
PARKE COUNTY SITE 01	68	25	2.5	3.6	4.4	5.6	5.6	6.3	7.0	8.5	8.9	10.4	15.2	6.9	6.4	1.53
MAINE ACADIA NAT PK SITE 01	68	26	.3	1.9	3.0	3.3	3.4	4.0	6.8	7.1	8.1	10.6	18.0	5.8	4.4	2.33
MARYLAND CALVERT COUNTY SITE 01	68	23	6.2	7.6	8.0	9.8	12.4	12.8	13.7	14.8	15.7	22.6	37.5	14.1	12.7	1.57
MISSISSIPPI JACKSON COUNTY SITE 01	68	25	2.3	2.6	2.8	3.3	3.6	4.2	4.5	5.6	9.0	10.8	14.3	5.6	4.8	1.76
MISSOURI SHANNON COUNTY SITE 01	68	25	1.6	2.4	3.1	3.5	3.6	3.9	4.4	4.9	6.5	8.6	10.4	4.7	4.2	1.59
MONTANA GLACIER NAT PK SITE 01	68	25	.0	.6	.6	.7	.8	1.0	1.1	1.3	1.4	1.9	7.0	1.4	1.0	2.24
NEBRASKA THOMAS COUNTY SITE 01	68	24	.7	.8	1.0	1.1	1.4	1.7	1.8	1.9	2.2	2.3	5.0	1.7	1.5	1.59
NEVADA WHITE PINE COUNTY SITE 01	68	26	.0	.3	.4	.5	.8	.9	1.1	1.5	2.0	2.3	4.6	1.2	.9	2.43
NEW HAMPSHIRE COOS COUNTY SITE 01	68	23	2.2	3.3	3.7	4.2	5.2	5.5	6.5	8.4	11.1	14.0	19.5	7.3	6.2	1.78
NEW YORK JEFFERSON COUNTY SITE 01	68	26	2.0	2.7	3.6	4.5	5.4	6.8	7.9	10.9	16.1	24.1	36.5	10.0	7.3	2.21
NORTH CAROLINA CAPE HATTERAS SITE 01	68	25	3.4	4.2	4.5	6.3	6.9	8.7	9.7	10.5	11.0	18.0	24.0	9.4	8.2	1.70
OKLAHOMA CHEROKEE COUNTY SITE 01	68	25	.9	1.6	1.8	2.2	2.3	3.3	3.4	4.7	4.8	5.4	8.8	3.4	3.0	1.72
OREGON CURRY COUNTY SITE 01	68	26	1.7	2.1	2.6	2.9	3.2	3.8	4.2	4.7	5.0	5.7	6.7	3.8	3.6	1.43
PENNSYLVANIA CLARION COUNTY SITE 01	68	26	6.0	6.3	7.2	7.5	7.8	9.0	10.4	11.0	11.4	13.2	23.4	9.8	9.3	1.37
RHODE ISLAND WASHINGTON COUNTY SITE 01	68	26	1.8	3.9	5.6	5.9	7.2	7.3	9.9	13.8	14.7	17.8	32.8	10.5	8.6	1.92
SOUTH CAROLINA RICHLAND COUNTY SITE 01	68	23	2.5	5.0	5.4	5.7	7.0	7.1	7.9	8.5	8.7	9.7	14.8	7.4	6.9	1.45

*Data contributed by state or local agency.

Table 6-9 (continued). SULFATE, NONURBAN FREQUENCY DISTRIBUTIONS

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
SOUTH DAKOTA BLACK HILLS NAT FOR SITE 01	68	26	.0	.6	.6	.6	.7	.9	.9	1.0	1.0	1.5	2.4	.9	.8	1.79
TEXAS MATAGORDA COUNTY SITE 01	68	25	.1	1.4	2.1	2.6	2.8	3.2	3.8	4.2	5.5	7.4	8.1	3.8	3.1	2.39
VERMONT ORANGE COUNTY SITE 01	68	26	1.9	3.3	4.2	5.0	5.5	5.7	7.8	9.2	11.7	12.8	16.8	7.5	6.6	1.72
VIRGINIA SHENANDOAH NAT PK SITE 01	68	26	1.8	4.2	5.2	6.2	6.8	7.5	8.5	9.6	10.9	14.1	15.5	8.1	7.3	1.66
WYOMING YELLOWSTONE PARK SITE 01	68	26	.5	.7	1.0	1.0	1.5	1.5	1.7	1.8	2.0	2.2	2.9	1.5	1.4	1.58

*Data contributed by state or local agency.

SECTION 7.
URBAN AND NONURBAN METALS IN SUSPENDED PARTICULATES

Table 7-1. ANTIMONY, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ALABAMA						
BIRMINGHAM						
SITE 01	66	.00	.00	.00	.00	.00
	67					
GADSDEN						
SITE 01	66	.00	.00	.00	.00	.00
HUNTSVILLE						
SITE 01	67	.00	.00	.00	.00	.00
MOBILE						
SITE 01	66	.00	.00	.00	.00	.00
MONTGOMERY						
SITE 01	67	.00	.00	.00	.00	.00
ALASKA						
ANCHORAGE						
SITE 02	66	.00	.00	.00	.00	.00
SITE 03	67	.00	.00	.00	.00	.00
FAIRBANKS						
SITE 01	67	.00	.00	.00	.00	.00
ARIZONA						
MARICOPA COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
PHOENIX						
SITE 02	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
TUCSON						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
ARKANSAS						
LITTLE ROCK						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
WEST MEMPHIS						
SITE 01	66	.00	.00	.00	.00	.00
CALIFORNIA						
BURBANK						
SITE 02	66	.00	.00	.00	.00	.00
GLENDALE						
SITE 01	67	.00	.00	.00	.00	.00
LONG BEACH						
SITE 01	67	.00	.00	.00	.00	.00
LOS ANGELES						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
OAKLAND						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
PASADENA						
SITE 01	66	.00	.00	.00	.00	.00
SAN DIEGO						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
SAN FRANCISCO						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
COLORADO						
DENVER						
SITE 01	66	.00	.00	.00	.00	.00
CONNECTICUT						
HARTFORD						
SITE 01	66	.00	.00	.00	.00	.00
NEW HAVEN						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
DELAWARE						
NEWARK						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
WILMINGTON						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
DISTRICT OF COLUMBIA						
WASHINGTON						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
GEORGIA						
ATLANTA						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
HAWAII						
HONOLULU						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
IDAHO						
BOISE						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
ILLINOIS						
CHICAGO						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
EAST ST LOUIS						
SITE 01	67	.00	.00	.00	.00	.00
ROCKFORD						
SITE 01	67	.00	.00	.00	.00	.00
SPRINGFIELD						
SITE 01	67	.00	.00	.00	.00	.00
INDIANA						
EAST CHICAGO						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
HAMMOND						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
INDIANAPOLIS						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
MUNCIE						
SITE 01	66	.00	.00	.00	.00	.01
	67	.00	.00	.00	.00	.00
NEW ALBANY						
SITE 02	67	.00	.00	.00	.00	.00
SOUTH BEND						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
TERRE HAUTE						
SITE 01	67	.00	.00	.00	.00	.00
IOWA						
CEDAR RAPIDS						
SITE 01	67	.00	.00	.00	.00	.00
DAVENPORT						
SITE 01	66	.00	.00	.00	.00	.00
DES MOINES						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
DUBUQUE						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
KANSAS						
KANSAS CITY						
SITE 01	66	.00	.00	.00	.00	.00
TOPEKA						
SITE 01	67	.00	.00	.00	.00	.00
WICHITA						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
KENTUCKY						
ASHLAND						
SITE 01	66	.00	.00	.00	.00	.00
COVINGTON						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00

Table 7-1 (continued). ANTIMONY, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, ng/m³ 1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
KENTUCKY						
LEXINGTON						
SITE 01	67	.00	.00	.00	.00	.00
LOUISVILLE						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
LOUISIANA						
NEW ORLEANS						
SITE 02	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
MARYLAND						
BALTIMORE						
SITE 01	66	.00	.00	.00	.05	.01
	67	.00	.00	.00	.00	.00
MICHIGAN						
DETROIT						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
FLINT						
SITE 01	67	.00	.00	.00	.00	.00
GRAND RAPIDS						
SITE 01	67	.00	.00	.00	.00	.00
MINNESOTA						
DULUTH						
SITE 01	66	.00	.00	.00	.00	.00
MINNEAPOLIS						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
MOORHEAD						
SITE 01	66	.00	.00	.00	.00	.00
ST PAUL						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
MISSISSIPPI						
JACKSON						
SITE 01	66	.00	.00	.00	.00	.00
MISSOURI						
KANSAS CITY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
ST LOUIS						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
MONTANA						
HELENA						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
NEBRASKA						
OMAHA						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.04	.00	.00	.01
NEVADA						
LAS VEGAS						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
RENO						
SITE 01	67	.00	.00	.00	.00	.00
NEW HAMPSHIRE						
CONCORD						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
NEW JERSEY						
BAYONNE						
SITE 01	67	.00	.00	.00	.00	.00
BURLINGTON COUNTY						
SITE 02	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
CAMDEN						
SITE 01	66	.00	.00	.00	.00	.00
GLASSBORO						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00

Station location	Year	Concentration, µg/m³ 1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
NEW JERSEY						
JERSEY CITY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
NEWARK						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
PATERSON						
SITE 01	67	.00	.00	.00	.00	.00
PERTH AMBOY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
TRENTON						
SITE 01	66	.00	.00	.00	.00	.00
NEW MEXICO						
ALBUQUERQUE						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
NEW YORK						
NEW YORK CITY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
NORTH CAROLINA						
CHARLOTTE						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
OHIO						
AKRON						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
CINCINNATI						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
CLEVELAND						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
COLUMBUS						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
DAYTON						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
TOLEDO						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
YOUNGSTOWN						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
OKLAHOMA						
OKLAHOMA CITY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
TULSA						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
OREGON						
EUGENE						
SITE 01	67	.00	.00	.00	.00	.00
MEDFORD						
SITE 01	67	.00	.00	.00	.00	.00
PORTLAND						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
PENNSYLVANIA						
ALLENTOWN						
SITE 01	67	.00	.00	.00	.00	.00
ALTOONA						
SITE 01	67	.00	.00	.00	.00	.00
BETHLEHEM						
SITE 01	67	.00	.00	.00	.00	.00

Table 7-1 (continued). ANTIMONY, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
PENNSYLVANIA						
LANCASTER						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
PHILADELPHIA						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
PITTSBURGH						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
READING						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
WARMINSTER						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
WEST CHESTER						
SITE 01	67	.00	.00	.00	.00	.00
YORK						
SITE 01	67	.00	.00	.00	.00	.00
PUERTO RICO						
BAYAMON						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
CATANO						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
GUAYANILLA						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
PONCE						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
RHODE ISLAND						
EAST PROVIDENCE						
SITE 01	67	.00	.00	.00	.00	.00
PROVIDENCE						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
SOUTH CAROLINA						
COLUMBIA						
SITE 01	67	.00	.00	.00	.00	.00
GREENVILLE						
SITE 01	66	.00	.00	.00	.00	.00
SOUTH DAKOTA						
SIOUX FALLS						
SITE 01	66	.00	.00	.00	.00	.00
TENNESSEE						
CHATTANOOGA						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
KNOXVILLE						
SITE 01	67	.00	.00	.00	.00	.00
MEMPHIS						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
NASHVILLE						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
TEXAS						
DALLAS						
SITE 01	66	.00	.00	.00	.00	.00
HOUSTON						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
PASADENA						
SITE 01	67	.00	.00	.00	.00	.00
SAN ANTONIO						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
UTAH						
OGDEN						
SITE 01	66	.00	.00	.00	.00	.00
SALT LAKE CITY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
VERMONT						
BURLINGTON						
SITE 01	66	.00	.00	.00	.00	.00
VIRGINIA						
DANVILLE						
SITE 01	66	.00	.00	.00	.00	.00
HAMPTON						
SITE 01	67	.00	.00	.00	.00	.00
LYNCHBURG						
SITE 01	67	.00	.00	.00	.00	.00
NORFOLK						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
PORTSMOUTH						
SITE 01	67	.00	.00	.00	.00	.00
RICHMOND						
SITE 01	67	.00	.00	.00	.00	.00
ROANOKE						
SITE 01	67	.00	.00	.00	.00	.00
WASHINGTON						
SEATTLE						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
WEST VIRGINIA						
CHARLESTON						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
WISCONSIN						
KENOSHA						
SITE 01	67	.00	.00	.00	.00	.00
MADISON						
SITE 01	67	.00	.00	.00	.00	.00
MILWAUKEE						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
WYOMING						
CASPER						
SITE 01	67	.00	.00	.00	.00	.00
CHEYENNE						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00

Table 7-2. ANTIMONY, NONURBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3 1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ARIZONA						
GRAND CANYON NAT PK						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
ARKANSAS						
MONTGOMERY COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
CALIFORNIA						
HUMBOLDT COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
COLORADO						
MESA VERDE NAT PK						
SITE 01	66	.00	.00	.00	.00	.00
	67	.02	.00	.00	.00	.00
DELAWARE						
KENT COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
IDAHO						
BUTTE COUNTY						
SITE 01	67	.00	.00	.00	.00	.00
INDIANA						
MONROE COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
PARKE COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
MAINE						
ACADIA NAT PK						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
MARYLAND						
CALVERT COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
MISSISSIPPI						
JACKSON COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
MISSOURI						
SHANNON COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
MONTANA						
GLACIER NAT PK						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
NEBRASKA						
THOMAS COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
NEVADA						
WHITE PINE COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
NEW HAMPSHIRE						
COOS COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00

Station location	Year	Concentration, µg/m3 1st quar	2nd quar.	3rd quar.	4th quar.	Yrly avg
NEW MEXICO						
RIO ARRIBA COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
NEW YORK						
JEFFERSON COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
NORTH CAROLINA						
CAPE HATTERAS						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
OKLAHOMA						
CHEROKEE COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
OREGON						
CURRY COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
PENNSYLVANIA						
CLARION COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
RHODE ISLAND						
WASHINGTON COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
SOUTH CAROLINA						
RICHLAND COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
SOUTH DAKOTA						
BLACK HILLS NAT FOR						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
TEXAS						
MATAGORDA COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
VERMONT						
ORANGE COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
VIRGINIA						
SHENANDOAH NAT PK						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
WISCONSIN						
DOOR COUNTY						
SITE 01	67	.00	.00	.00	.00	.00
WYOMING						
YELLOWSTONE PARK						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00

Table 7-3. BERYLLIUM, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ALABAMA						
BIRMINGHAM						
SITE 01	66	.0002	.0002	.0000	.0004	.0002
GADSDEN						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
HUNTSVILLE						
SITE 01	67	.0000	.0000	.0000	.0000	.0000
MOBILE						
SITE 01	66	.0000	.0000	.0002	.0000	.0000
MONTGOMERY						
SITE 01	67	.0000	.0000	.0000	.0000	.0000
ALASKA						
ANCHORAGE						
SITE 02	66	.0000	.0000	.0000	.0000	.0000
SITE 03	67	.0000	.0000	.0000	.0000	.0000
FAIRBANKS						
SITE 01	67	.0000	.0000	.0000	.0000	.0000
ARIZONA						
MARICOPA COUNTY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
PHOENIX						
SITE 02	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
TUCSON						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
ARKANSAS						
LITTLE ROCK						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
WEST MEMPHIS						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
CALIFORNIA						
BURBANK						
SITE 02	66	.0000	.0000	.0000	.0000	.0000
GLENDALE						
SITE 01	67	.0000	.0000	.0000	.0000	.0000
LONG BEACH						
SITE 01	67	.0000	.0000	.0000	.0000	.0000
LOS ANGELES						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
OAKLAND						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
PASADENA						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
SAN DIEGO						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
SAN FRANCISCO						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
COLORADO						
DENVER						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
CONNECTICUT						
HARTFORD						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
NEW HAVEN						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
DELAWARE						
NEWARK						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
WILMINGTON						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
DISTRICT OF COLUMBIA						
WASHINGTON						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
GEORGIA						
ATLANTA						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
HAWAII						
HONOLULU						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
IDAHO						
BOISE						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
ILLINOIS						
CHICAGO						
SITE 01	66	.0003	.0000	.0003	.0002	.0002
	67	.0003	.0000	.0000	.0003	.0001
EAST ST LOUIS						
SITE 01	67	.0000	.0000	.0003	.0000	.0001
ROCKFORD						
SITE 01	67	.0000	.0000	.0000	.0000	.0000
SPRINGFIELD						
SITE 01	67	.0000	.0000	.0003	.0000	.0001
INDIANA						
EAST CHICAGO						
SITE 01	66	.0003	.0002	.0004	.0007	.0004
	67	.0004	.0003	.0006	.0002	.0004
HAMMOND						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0004	.0003	.0000	.0002
INDIANAPOLIS						
SITE 01	66	.0000	.0000	.0004	.0005	.0002
	67	.0004	.0005	.0003	.0002	.0003
MUNCIE						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
NEW ALBANY						
SITE 02	67	.0000	.0000	.0000	.0000	.0000
SOUTH BEND						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
TERRE HAUTE						
SITE 01	67	.0003	.0002	.0003	.0000	.0002
IOWA						
CEDAR RAPIDS						
SITE 01	67	.0003	.0005	.0000	.0000	.0002
DAVENPORT						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
DES MOINES						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
DUBUQUE						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
KANSAS						
KANSAS CITY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
TOPEKA						
SITE 01	67	.0000	.0000	.0000	.0000	.0000
WICHITA						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
KENTUCKY						
ASHLAND						
SITE 01	66	.0000	.0002	.0003	.0004	.0002
COVINGTON						
SITE 01	66	.0005	.0000	.0002	.0002	.0002
	67	.0000	.0002	.0002	.0000	.0001

Table 7-3 (continued). BERYLLIUM, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m³ 1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
KENTUCKY						
LEXINGTON						
SITE 01	67	.0003	.0002	.0000	.0000	.0001
LOUISVILLE						
SITE 01	66	.0000	.0003	.0000	.0000	.0001
	67	.0004	.0000	.0002	.0000	.0001
LOUISIANA						
NEW ORLEANS						
SITE 02	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
MARYLAND						
BALTIMORE						
SITE 01	66	.0000	.0000	.0000	.0003	.0001
	67	.0000	.0000	.0000	.0000	.0000
MICHIGAN						
DETROIT						
SITE 01	66	.0000	.0003	.0002	.0005	.0002
	67	.0005	.0005	.0005	.0003	.0004
FLINT						
SITE 01	67	.0000	.0000	.0000	.0000	.0000
GRAND RAPIDS						
SITE 01	67	.0000	.0000	.0000	.0000	.0000
MINNESOTA						
DULUTH						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
MINNEAPOLIS						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0002	.0000	.0000	.0000	.0000
MOORHEAD						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
ST PAUL						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
MISSISSIPPI						
JACKSON						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
MISSOURI						
KANSAS CITY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0002	.0000	.0000	.0000	.0000
ST LOUIS						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
MONTANA						
HELENA						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
NEBRASKA						
OMAHA						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
NEVADA						
LAS VEGAS						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
RENO						
SITE 01	67	.0000	.0000	.0000	.0000	.0000
NEW HAMPSHIRE						
CONCORD						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
NEW JERSEY						
BAYONNE						
SITE 01	67	.0003	.0000	.0000	.0000	.0001
BURLINGTON COUNTY						
SITE 02	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0002	.0000	.0000
CAMDEN						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
GLASSBORO						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000

Station location	Year	Concentration, µg/m³ 1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
NEW JERSEY						
JERSEY CITY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0003	.0000	.0000	.0001
NEWARK						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0002	.0000	.0000	.0000	.0000
PATERSON						
SITE 01	67	.0000	.0000	.0000	.0000	.0000
PERTH AMBOY						
SITE 01	66	.0000	.0000	.0002	.0000	.0000
	67	.0002	.0000	.0002	.0000	.0001
TRENTON						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
NEW MEXICO						
ALBUQUERQUE						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
NEW YORK						
NEW YORK CITY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0002	.0006	.0000	.0002
NORTH CAROLINA						
CHARLOTTE						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
OHIO						
AKRON						
SITE 01	66	.0000	.0002	.0003	.0004	.0002
	67	.0005	.0004	.0003	.0000	.0003
CINCINNATI						
SITE 01	66	.0000	.0003	.0000	.0002	.0001
	67	.0015	.0000	.0004	.0000	.0005
CLEVELAND						
SITE 01	66	.0002	.0002	.0002	.0000	.0001
	67	.0005	.0004	.0002	.0000	.0003
COLUMBUS						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0004	.0000	.0002	.0000	.0001
DAYTON						
SITE 01	66	.0002	.0002	.0000	.0002	.0001
	67	.0008	.0007	.0004	.0003	.0005
TOLEDO						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0002	.0002	.0006	.0000	.0002
YOUNGSTOWN						
SITE 01	66	.0002	.0006	.0009	.0002	.0004
	67	.0006	.0007	.0003	.0000	.0004
OKLAHOMA						
OKLAHOMA CITY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
TULSA						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
OREGON						
EUGENE						
SITE 01	67	.0000	.0000	.0000	.0000	.0000
MEDFORD						
SITE 01	67	.0000	.0000	.0000	.0000	.0000
PORTLAND						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
PENNSYLVANIA						
ALLENTOWN						
SITE 01	67	.0000	.0003	.0000	.0000	.0001
ALTOONA						
SITE 01	67	.0000	.0002	.0000	.0000	.0000
BETHLEHEM						
SITE 01	67	.0000	.0000	.0000	.0000	.0000

Table 7-3 (continued). BERYLLIUM, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
PENNSYLVANIA						
LANCASTER						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0003	.0000	.0000	.0000	.0001
PHILADELPHIA						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0002	.0002	.0000	.0000	.0001
PITTSBURGH						
SITE 01	66	.0000	.0000	.0002	.0000	.0000
	67	.0002	.0004	.0002	.0000	.0002
READING						
SITE 01	66	.0006	.0000	.0005	.0016	.0006
	67	.0005	.0000	.0002	.0000	.0002
WARMINSTER						
SITE 01	66	.0003	.0000	.0000	.0000	.0001
	67	.0002	.0000	.0000	.0000	.0000
WEST CHESTER						
SITE 01	67	.0000	.0000	.0000	.0000	.0000
YORK						
SITE 01	67	.0000	.0000	.0000	.0000	.0000
PUERTO RICO						
BAYAMON						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
CATANO						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
GUAYANILLA						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
PONCE						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
RHODE ISLAND						
EAST PROVIDENCE						
SITE 01	67	.0000	.0000	.0000	.0000	.0000
PROVIDENCE						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
SOUTH CAROLINA						
COLUMBIA						
SITE 01	67	.0000	.0000	.0000	.0000	.0000
GREENVILLE						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
SOUTH DAKOTA						
SIOUX FALLS						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
TENNESSEE						
CHATTANOOGA						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
KNOXVILLE						
SITE 01	67	.0004	.0000	.0000	.0000	.0001
MEMPHIS						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
NASHVILLE						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0002	.0000	.0000	.0000	.0000

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
TEXAS						
DALLAS						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
HOUSTON						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
PASADENA						
SITE 01	67	.0000	.0000	.0000	.0000	.0000
SAN ANTONIO						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
UTAH						
OGDEN						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
SALT LAKE CITY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
VERMONT						
BURLINGTON						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
VIRGINIA						
DANVILLE						
SITE 01	66	.0002	.0000	.0000	.0000	.0000
HAMPTON						
SITE 01	67	.0000	.0000	.0000	.0000	.0000
LYNCHBURG						
SITE 01	67	.0000	.0000	.0000	.0000	.0000
NORFOLK						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0002	.0000	.0000	.0000
PORTSMOUTH						
SITE 01	67	.0000	.0000	.0000	.0000	.0000
RICHMOND						
SITE 01	67	.0000	.0000	.0000	.0000	.0000
ROANOKE						
SITE 01	67	.0000	.0000	.0000	.0000	.0000
WASHINGTON						
SEATTLE						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
WEST VIRGINIA						
CHARLESTON						
SITE 01	66	.0004	.0006	.0006	.0007	.0005
	67	.0008	.0010	.0011	.0000	.0007
WISCONSIN						
KENOSHA						
SITE 01	67	.0000	.0000	.0000	.0000	.0000
MADISON						
SITE 01	67	.0000	.0000	.0000	.0000	.0000
MILWAUKEE						
SITE 01	66	.0000	.0000	.0003	.0000	.0001
	67	.0000	.0003	.0000	.0000	.0001
WYOMING						
CASPER						
SITE 01	67	.0000	.0000	.0000	.0000	.0000
CHEYENNE						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000

Table 7-4. BERYLLIUM, NONURBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, $\mu g/m^3$				
		1st quarter	2nd quarter	3rd quarter	2nd quarter	Yearly average
Arizona						
Grand Canyon Nat Pk						
Site 01	1966	0.00000	0.0000	0.00000	0.00000	0.00000
	1967	0.00000	0.0000	0.00000	0.00000	0.00000
Arkansas						
Montgomery County						
Site 01	1966	0.00000	0.0000	0.00000	0.00000	0.00000
	1967	0.00000	0.0000	0.00000	0.00000	0.00000
California						
Humboldt County						
Site 01	1966	0.00000	0.00000	0.00000	0.00000	0.00000
	1967	0.00000	0.00000	0.00000	0.00000	0.00000
Colorado						
Mesa Verde Nat Pk						
Site 01	1966	0.00000	0.00000	0.00000	0.00000	0.00000
	1967	0.00000	0.00000	0.00000	0.00000	0.00000
Delaware						
Kent County						
Site 01	1966	0.00010	0.00000	0.00000	0.00013	0.00006
	1967	0.00000	0.00000	0.00000	0.00000	0.00000
Idaho						
Butte County						
Site 01	1967	0.00000	0.00000	0.00000	0.00000	0.00000
Indiana						
Monroe County						
Site 01	1966	0.00000	0.00000	0.00000	0.00009	0.00002
	1967	0.00000	0.00000	0.00000	0.00000	0.00000
Parke County						
Site 01	1966	0.00010	0.00000	0.00000	0.00019	0.00007
	1967	0.00000	0.00000	0.00000	0.00000	0.00000
Maine						
Acadia Nat Pk						
Site 01	1966	0.00000	0.00000	0.00000	0.00000	0.00000
	1967	0.00000	0.00000	0.00000	0.00000	0.00000
Maryland						
Calvert County						
Site 01	1966	0.00007	0.00000	0.00000	0.00000	0.00002
	1967	0.00007	0.00000	0.00000	0.00000	0.00002
Mississippi						
Jackson County						
Site 01	1966	0.00009	0.00000	0.00000	0.00000	0.00002
	1967	0.00000	0.00000	0.00000	0.00000	0.00000
Missouri						
Shannon County						
Site 01	1966	0.00000	0.00000	0.00000	0.00000	0.00000
	1967	0.00000	0.00000	0.00000	0.00000	0.00000

Table 7-4 (continued). BERYLLIUM, NONURBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m³ 1st quarter	2nd quarter	3rd quarter	4th quarter	Yearly average
Montana						
Glacier Nat Pk						
Site 01	1966	0.00000	0.00000	0.00000	0.00000	0.00000
	1967	0.00000	0.00000	0.00000	0.00000	0.00000
Nebraska						
Thomas County						
Site 01	1966	0.00000	0.00000	0.00000	0.00000	0.00000
	1967	0.00000	0.00000	0.00000	0.00000	0.00000
Nevada						
White Pine County						
Site 01	1966	0.00000	0.00000	0.00000	0.00000	0.00000
	1967	0.00000	0.00000	0.00000	0.00000	0.00000
New Hampshire						
Coos County						
Site 01	1966	0.00000	0.00000	0.00010	0.00000	0.00002
	1967	0.00000	0.00000	0.00000	0.00000	0.00000
New Mexico						
Rio Arriba County						
Site 01	1966	0.00000	0.00000	0.00000	0.00000	0.00000
	1967	0.00000	0.00000	0.00000	0.00000	0.00000
New York						
Jefferson County						
Site 01	1966	0.00000	0.00000	0.00009	0.00000	0.00002
	1967	0.00000	0.00000	0.00000	0.00000	0.00000
North Carolina						
Cape Hatteras						
Site 01	1966	0.00000	0.00000	0.00000	0.00000	0.00000
	1967	0.00000	0.00000	0.00000	0.00000	0.00000
Oklahoma						
Cherokee County						
Site 01	1966	0.00000	0.00000	0.00000	0.00000	0.00000
	1967	0.00000	0.00000	0.00000	0.00000	0.00000
Oregon						
Curry County						
Site 01	1966	0.00000	0.00000	0.00000	0.00000	0.00000
	1967	0.00000	0.00000	0.00000	0.00000	0.00000
Pennsylvania						
Clarion County						
Site 01	1966	0.00000	0.00000	0.00000	0.00000	0.00000
	1967	0.00000	0.00000	0.00000	0.00007	0.00002
Rhode Island						
Washington County						
Site 01	1966	0.00000	0.00000	0.00000	0.00000	0.00000
	1967	0.00000	0.00000	0.00000	0.00000	0.00000
South Carolina						
Richland County						
Site 01	1966	0.00000	0.00000	0.00000	0.00000	0.00000
	1967	0.00000	0.00000	0.00000	0.00007	0.00002

Table 7-4 (continued). BERYLLIUM, NONURBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, $\mu g/m^3$				
		1st quarter	2nd quarter	3rd quarter	4th quarter	Yearly average
South Dakota						
Black Hills Nat For						
Site 01	1966	0.00000	0.00000	0.00000	0.00000	0.00000
	1967	0.00000	0.00000	0.00000	0.00000	0.00000
Texas						
Matagorda County						
Site 01	1966	0.00000	0.00000	0.00000	0.00000	0.00000
	1967	0.00000	0.00000	0.00000	0.00000	0.00000
Vermont						
Orange County						
Site 01	1966	0.00000	0.00000	0.00000	0.00000	0.00000
	1967	0.00000	0.00000	0.00000	0.00000	0.00000
Virginia						
Shenandoah Nat Pk						
Site 01	1966	0.00000	0.00000	0.00000	0.00000	0.00000
	1967	0.00000	0.00000	0.00000	0.00000	0.00000
Wisconsin						
Door County						
Site 01	1967	0.00000	0.00000	0.00000	0.00000	0.00000
Wyoming						
Yellowstone Park						
Site 01	1966	0.00000	0.00000	0.00000	0.00000	0.00000
	1967	0.00000	0.00000	0.00000	0.00000	0.00000

Table 7-5 (continued). BISMUTH, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m³				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ALABAMA						
BIRMINGHAM						
SITE 01	66	.000	.000	.001	.000	.000
GADSDEN						
SITE 01	66	.000	.000	.000	.000	.000
HUNTSVILLE						
SITE 01	67	.000	.000	.000	.000	.000
MOBILE						
SITE 01	66	.000	.000	.000	.000	.000
MONTGOMERY						
SITE 01	67	.000	.000	.000	.000	.000
ALASKA						
ANCHORAGE						
SITE 02	66	.000	.000	.000	.000	.000
SITE 03	67	.000	.000	.000	.000	.000
FAIRBANKS						
SITE 01	67	.000	.000	.000	.000	.000
ARIZONA						
MARICOPA COUNTY						
SITE 01	66	.002	.001	.001	.003	.002
	67	.002	.000	.000	.001	.001
PHOENIX						
SITE 02	66	.001	.000	.000	.003	.001
	67	.002	.001	.000	.000	.001
TUCSON						
SITE 01	66	.001	.000	.000	.002	.001
	67	.002	.000	.000	.000	.000
ARKANSAS						
LITTLE ROCK						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
WEST MEMPHIS						
SITE 01	66	.000	.000	.000	.000	.000
CALIFORNIA						
BURBANK						
SITE 02	66	.000	.000	.000	.000	.000
GLENDALE						
SITE 01	67	.000	.000	.000	.000	.000
LONG BEACH						
SITE 01	67	.000	.000	.000	.000	.000
LOS ANGELES						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
OAKLAND						
SITE 01	66	.002	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PASADENA						
SITE 01	66	.000	.000	.000	.000	.000
SAN DIEGO						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
SAN FRANCISCO						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
COLORADO						
DENVER						
SITE 01	66	.000	.000	.000	.000	.000
CONNECTICUT						
HARTFORD						
SITE 01	66	.000	.000	.000	.000	.000
NEW HAVEN						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
DELAWARE						
NEWARK						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
WILMINGTON						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000

Station location	Year	Concentration, µg/m³				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
DISTRICT OF COLUMBIA						
WASHINGTON						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
GEORGIA						
ATLANTA						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
HAWAII						
HONOLULU						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
IDAHO						
BOISE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
ILLINOIS						
CHICAGO						
SITE 01	66	.001	.000	.002	.002	.001
	67	.001	.000	.000	.000	.000
EAST ST LOUIS						
SITE 01	67	.000	.000	.000	.000	.000
ROCKFORD						
SITE 01	67	.000	.000	.000	.000	.000
SPRINGFIELD						
SITE 01	67	.000	.000	.000	.000	.000
INDIANA						
EAST CHICAGO						
SITE 01	66	.001	.001	.001	.001	.001
	67	.001	.002	.003	.003	.002
HAMMOND						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
INDIANAPOLIS						
SITE 01	66	.000	.000	.001	.000	.000
	67	.000	.000	.000	.000	.000
MUNCIE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEW ALBANY						
SITE 02	67	.002	.000	.000	.000	.000
SOUTH BEND						
SITE 01	66	.000	.001	.000	.000	.000
	67	.000	.000	.000	.000	.000
TERRE HAUTE						
SITE 01	67	.000	.000	.000	.000	.000
IOWA						
CEDAR RAPIDS						
SITE 01	67	.000	.000	.000	.000	.000
DAVENPORT						
SITE 01	66	.000	.000	.000	.000	.000
DES MOINES						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
DUBUQUE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
KANSAS						
KANSAS CITY						
SITE 01	66	.000	.000	.000	.000	.000
TOPEKA						
SITE 01	67	.000	.000	.000	.000	.000
WICHITA						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
KENTUCKY						
ASHLAND						
SITE 01	66	.002	.002	.001	.013	.004
COVINGTON						
SITE 01	66	.001	.000	.001	.000	.000
	67	.000	.000	.000	.000	.000

Table 7-5 (continued). BISMUTH, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
KENTUCKY						
LEXINGTON						
SITE 01	67	.000	.000	.000	.000	.000
LOUISVILLE						
SITE 01	66	.005	.013	.005	.003	.006
	67	.003	.000	.004	.000	.002
LOUISIANA						
NEW ORLEANS						
SITE 02	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
MARYLAND						
BALTIMORE						
SITE 01	66	.000	.000	.000	.001	.000
	67	.000	.000	.000	.000	.000
MICHIGAN						
DETROIT						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.001	.000	.000	.000
FLINT						
SITE 01	67	.000	.000	.000	.000	.000
GRAND RAPIDS						
SITE 01	67	.000	.000	.000	.000	.000
MINNESOTA						
DULUTH						
SITE 01	66	.000	.000	.000	.000	.000
MINNEAPOLIS						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
MOORHEAD						
SITE 01	66	.000	.000	.000	.000	.000
ST PAUL						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
MISSISSIPPI						
JACKSON						
SITE 01	66	.000	.000	.000	.000	.000
MISSOURI						
KANSAS CITY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
ST LOUIS						
SITE 01	66	.002	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
MONTANA						
HELENA						
SITE 01	66	.002	.000	.000	.001	.001
	67	.001	.000	.000	.000	.000
NEBRASKA						
OMAHA						
SITE 01	66	.000	.250	.014	.000	.066
	67	.000	.002	.000	.000	.000
NEVADA						
LAS VEGAS						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
RENO						
SITE 01	67	.000	.000	.000	.000	.000
NEW HAMPSHIRE						
CONCORD						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEW JERSEY						
BAYONNE						
SITE 01	67	.002	.000	.000	.000	.000
BURLINGTON COUNTY						
SITE 02	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
CAMDEN						
SITE 01	66	.000	.000	.000	.000	.000
GLASSBORO						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
NEW JERSEY						
JERSEY CITY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.001	.001	.000	.000	.000
NEWARK						
SITE 01	66	.001	.000	.000	.000	.000
	67	.002	.000	.000	.000	.000
PATERSON						
SITE 01	67	.000	.000	.000	.000	.000
PERTH AMBOY						
SITE 01	66	.000	.001	.002	.002	.001
	67	.003	.004	.001	.000	.002
TRENTON						
SITE 01	66	.000	.000	.000	.000	.000
NEW MEXICO						
ALBUQUERQUE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEW YORK						
NEW YORK CITY						
SITE 01	66	.000	.000	.002	.000	.000
	67	.002	.001	.000	.000	.001
NORTH CAROLINA						
CHARLOTTE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
OHIO						
AKRON						
SITE 01	66	.000	.000	.000	.002	.000
	67	.000	.000	.000	.000	.000
CINCINNATI						
SITE 01	66	.000	.001	.002	.000	.001
	67	.000	.000	.000	.000	.000
CLEVELAND						
SITE 01	66	.000	.000	.000	.000	.000
	67	.001	.000	.000	.000	.000
COLUMBUS						
SITE 01	66	.000	.003	.010	.004	.004
	67	.004	.000	.004	.000	.002
DAYTON						
SITE 01	66	.001	.002	.000	.001	.001
	67	.000	.000	.000	.000	.000
TOLEDO						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
YOUNGSTOWN						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
OKLAHOMA						
OKLAHOMA CITY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
TULSA						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
OREGON						
EUGENE						
SITE 01	67	.000	.000	.000	.000	.000
MEDFORD						
SITE 01	67	.000	.000	.000	.000	.000
PORTLAND						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PENNSYLVANIA						
ALLENTOWN						
SITE 01	67	.000	.000	.000	.000	.000
ALTOONA						
SITE 01	67	.000	.000	.000	.000	.000
BETHLEHEM						
SITE 01	67	.000	.000	.000	.000	.000

Table 7-5 (continued). BISMUTH, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
PENNSYLVANIA						
LANCASTER						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PHILADELPHIA						
SITE 01	66	.000	.000	.000	.000	.000
	67	.002	.000	.000	.000	.000
PITTSBURGH						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
READING						
SITE 01	66	.001	.000	.000	.002	.001
	67	.000	.000	.000	.000	.000
WARMINSTER						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
WEST CHESTER						
SITE 01	67	.000	.000	.000	.001	.000
YORK						
SITE 01	67	.000	.000	.000	.001	.000
PUERTO RICO						
BAYAMON						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
CATANO						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
GUAYANILLA						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PONCE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
RHODE ISLAND						
EAST PROVIDENCE						
SITE 01	67	.000	.000	.000	.000	.000
PROVIDENCE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
SOUTH CAROLINA						
COLUMBIA						
SITE 01	67	.000	.000	.000	.000	.000
GREENVILLE						
SITE 01	66	.000	.000	.000	.000	.000
SOUTH DAKOTA						
SIOUX FALLS						
SITE 01	66	.000	.000	.000	.000	.000
TENNESSEE						
CHATTANOOGA						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
KNOXVILLE						
SITE 01	67	.000	.000	.000	.000	.000
MEMPHIS						
SITE 01	66	.000	.000	.000	.001	.000
	67	.000	.000	.001	.000	.000
NASHVILLE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar	3rd quar.	4th quar.	Yrly avg
TEXAS						
DALLAS						
SITE 01	66	.000	.000	.000	.000	.000
HOUSTON						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PASADENA						
SITE 01	67	.000	.000	.000	.000	.000
SAN ANTONIO						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
UTAH						
OGDEN						
SITE 01	66	.000	.000	.000	.001	.000
SALT LAKE CITY						
SITE 01	66	.001	.001	.000	.002	.001
	67	.002	.000	.000	.000	.000
VERMONT						
BURLINGTON						
SITE 01	66	.000	.000	.000	.000	.000
VIRGINIA						
DANVILLE						
SITE 01	66	.000	.000	.000	.000	.000
HAMPTON						
SITE 01	67	.000	.000	.000	.000	.000
LYNCHBURG						
SITE 01	67	.000	.000	.000	.000	.000
NORFOLK						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PORTSMOUTH						
SITE 01	67	.000	.000	.000	.000	.000
RICHMOND						
SITE 01	67	.000	.000	.000	.000	.000
ROANOKE						
SITE 01	67	.000	.000	.000	.000	.000
WASHINGTON						
SEATTLE						
SITE 01	66	.002	.001	.002	.002	.002
	67	.006	.000	.000	.000	.001
WEST VIRGINIA						
CHARLESTON						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
WISCONSIN						
KENOSHA						
SITE 01	67	.000	.001	.000	.000	.000
MADISON						
SITE 01	67	.000	.000	.000	.000	.000
MILWAUKEE						
SITE 01	66	.000	.000	.001	.000	.000
	67	.000	.001	.000	.000	.000
WYOMING						
CASPER						
SITE 01	67	.000	.000	.000	.000	.000
CHEYENNE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000

Table 7-6. BISMUTH, NONURBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar	2nd quar.	3rd quar.	4th quar.	Yrly avg
ARIZONA						
GRAND CANYON NAT PK						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
ARKANSAS						
MONTGOMERY COUNTY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
CALIFORNIA						
HUMBOLDT COUNTY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
COLORADO						
MESA VERDE NAT PK						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
DELAWARE						
KENT COUNTY						
SITE 01	66	.0004	.0000	.0000	.0004	.0002
	67	.0000	.0000	.0000	.0000	.0000
IDAHO						
BUTTE COUNTY						
SITE 01	67	.0000	.0000	.0000	.0000	.0000
INDIANA						
MONROE COUNTY						
SITE 01	66	.0004	.0000	.0000	.0000	.0001
	67	.0000	.0000	.0000	.0000	.0000
PARKE COUNTY						
SITE 01	66	.0013	.0010	.0000	.0000	.0006
	67	.0000	.0000	.0000	.0000	.0000
MAINE						
ACADIA NAT PK						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
MARYLAND						
CALVERT COUNTY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
MISSISSIPPI						
JACKSON COUNTY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
MISSOURI						
SHANNON COUNTY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
MONTANA						
GLACIER NAT PK						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
NEBRASKA						
THOMAS COUNTY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
NEVADA						
WHITE PINE COUNTY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
NEW HAMPSHIRE						
COOS COUNTY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
NEW MEXICO						
RIO ARRIBA COUNTY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
NEW YORK						
JEFFERSON COUNTY						
SITE 01	66	.0005	.0004	.0000	.0000	.0002
	67	.0000	.0000	.0000	.0000	.0000
NORTH CAROLINA						
CAPE HATTERAS						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
OKLAHOMA						
CHEROKEE COUNTY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
OREGON						
CURRY COUNTY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
PENNSYLVANIA						
CLARION COUNTY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
RHODE ISLAND						
WASHINGTON COUNTY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
SOUTH CAROLINA						
RICHLAND COUNTY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
SOUTH DAKOTA						
BLACK HILLS NAT FOR						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
TEXAS						
MATAGORDA COUNTY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
VERMONT						
ORANGE COUNTY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
VIRGINIA						
SHENANDOAH NAT PK						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
WISCONSIN						
DOOR COUNTY						
SITE 01	67	.0000	.0005	.0000	.0000	.0001
WYOMING						
YELLOWSTONE PARK						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000

Table 7-7. CADMIUM, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ALABAMA						
BIRMINGHAM						
SITE 01	66	.02	.00	.01	.00	.01
GADSDEN						
SITE 01	66	.00	.00	.00	.00	.00
HUNTSVILLE						
SITE 01	67	.00	.00	.00	.00	.00
MOBILE						
SITE 01	66	.00	.00	.01	.02	.01
MONTGOMERY						
SITE 01	67	.00	.00	.00	.00	.00
ALASKA						
ANCHORAGE						
SITE 02	66	.00	.00	.00	.00	.00
SITE 03	67	.00	.00	.00	.00	.00
FAIRBANKS						
SITE 01	67	.02	.00	.01	.00	.01
ARIZONA						
MARICOPA COUNTY						
SITE 01	66	.00	.00	.00	.01	.00
	67	.00	.00	.00	.00	.00
PHOENIX						
SITE 02	66	.01	.01	.02	.03	.02
	67	.00	.00	.00	.00	.00
TUCSON						
SITE 01	66	.01	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
ARKANSAS						
LITTLE ROCK						
SITE 01	66	.00	.01	.00	.00	.00
	67	.00	.00	.00	.00	.00
WEST MEMPHIS						
SITE 01	66	.00	.00	.00	.00	.00
CALIFORNIA						
BURBANK						
SITE 02	66	.00	.00	.01	.00	.00
GLENDALE						
SITE 01	67	.00	.00	.00	.00	.00
LONG BEACH						
SITE 01	67	.01	.00	.00	.00	.00
LOS ANGELES						
SITE 01	66	.01	.00	.02	.00	.01
	67	.00	.00	.00	.00	.00
OAKLAND						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
PASADENA						
SITE 01	66	.19	.00	.01	.00	.05
SAN DIEGO						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
SAN FRANCISCO						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
COLORADO						
DENVER						
SITE 01	66	.01	.00	.01	.00	.00
CONNECTICUT						
HARTFORD						
SITE 01	66	.00	.00	.00	.01	.00
NEW HAVEN						
SITE 01	66	.06	.01	.00	.01	.02
	67	.01	.01	.00	.00	.00
DELAWARE						
NEWARK						
SITE 01	66	.03	.05	.03	.01	.03
	67	.02	.00	.03	.00	.01
WILMINGTON						
SITE 01	66	.00	.00	.00	.01	.00
	67	.01	.00	.02	.00	.01

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
DISTRICT OF COLUMBIA						
WASHINGTON						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
GEORGIA						
ATLANTA						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
HAWAII						
HONOLULU						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
IDAHO						
BOISE						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
ILLINOIS						
CHICAGO						
SITE 01	66	.04	.00	.02	.05	.03
	67	.00	.02	.02	.00	.01
EAST ST LOUIS						
SITE 01	67	.01	.03	.03	.01	.02
ROCKFORD						
SITE 01	67	.01	.00	.03	.12	.04
SPRINGFIELD						
SITE 01	67	.00	.00	.00	.00	.00
INDIANA						
EAST CHICAGO						
SITE 01	66	.01	.01	.01	.01	.01
	67	.01	.00	.02	.00	.01
HAMMOND						
SITE 01	66	.00	.01	.00	.00	.00
	67	.03	.01	.00	.00	.01
INDIANAPOLIS						
SITE 01	66	.00	.00	.03	.02	.01
	67	.01	.01	.01	.01	.01
MUNCIE						
SITE 01	66	.00	.00	.01	.00	.00
	67	.00	.00	.00	.00	.00
NEW ALBANY						
SITE 02	67	.00	.00	.00	.00	.00
SOUTH BEND						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
TERRE HAUTE						
SITE 01	67	.00	.01	.00	.00	.00
IOWA						
CEDAR RAPIDS						
SITE 01	67	.00	.00	.00	.00	.00
DAVENPORT						
SITE 01	66	.00	.00	.02	.00	.00
DES MOINES						
SITE 01	66	.00	.00	.00	.00	.00
	67	.02	.00	.00	.00	.00
DUBUQUE						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.01	.00	.00
KANSAS						
KANSAS CITY						
SITE 01	66	.00	.00	.00	.00	.00
TOPEKA						
SITE 01	67	.01	.00	.00	.00	.00
WICHITA						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.04	.00	.01
KENTUCKY						
ASHLAND						
SITE 01	66	.00	.00	.00	.00	.00
COVINGTON						
SITE 01	66	.01	.00	.01	.00	.00
	67	.00	.00	.01	.00	.00

Table 7-7 (continued). CADMIUM, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
KENTUCKY						
LEXINGTON						
SITE 01	67	.00	.00	.00	.00	.00
LOUISVILLE						
SITE 01	66	.00	.01	.00	.02	.01
	67	.02	.01	.01	.00	.01
LOUISIANA						
NEW ORLEANS						
SITE 02	66	.00	.00	.00	.00	.00
	67	.00	.00	.01	.00	.00
MARYLAND						
BALTIMORE						
SITE 01	66	.00	.00	.01	.02	.01
	67	.02	.02	.00	.00	.01
MICHIGAN						
DETROIT						
SITE 01	66	.00	.00	.00	.00	.00
	67	.02	.02	.01	.01	.01
FLINT						
SITE 01	67	.01	.00	.00	.00	.00
GRAND RAPIDS						
SITE 01	67	.02	.01	.00	.00	.01
MINNESOTA						
DULUTH						
SITE 01	66	.00	.00	.00	.00	.00
MINNEAPOLIS						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
MOORHEAD						
SITE 01	66	.00	.00	.00	.00	.00
ST PAUL						
SITE 01	66	.00	.00	.02	.00	.00
	67	.03	.00	.01	.00	.01
MISSISSIPPI						
JACKSON						
SITE 01	66	.00	.00	.01	.00	.00
MISSOURI						
KANSAS CITY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.01	.00	.01	.01	.01
ST LOUIS						
SITE 01	66	.01	.00	.02	.00	.01
	67	.03	.02	.03	.01	.02
MONTANA						
HELENA						
SITE 01	66	.01	.00	.00	.00	.00
	67	.03	.00	.00	.00	.01
NEBRASKA						
OMAHA						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.03	.00	.00	.01
NEVADA						
LAS VEGAS						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
RENO						
SITE 01	67	.00	.00	.00	.00	.00
NEW HAMPSHIRE						
CONCORD						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
NEW JERSEY						
BAYONNE						
SITE 01	67	.08	.02	.01	.09	.05
BURLINGTON COUNTY						
SITE 02	66	.03	.00	.01	.00	.01
	67	.03	.01	.02	.00	.01
CAMDEN						
SITE 01	66	.00	.00	.02	.01	.01
GLASSBORO						
SITE 01	66	.01	.00	.00	.00	.00
	67	.02	.01	.00	.00	.01

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
NEW JERSEY						
JERSEY CITY						
SITE 01	66	.00	.00	.02	.01	.01
	67	.02	.08	.00	.00	.02
NEWARK						
SITE 01	66	.00	.01	.14	.02	.06
	67	.05	.20	.01	.00	.00
PATERSON						
SITE 01	67	.01	.03	.01	.00	.01
PERTH AMBOY						
SITE 01	66	.02	.00	.04	.03	.02
	67	.04	.00	.03	.00	.02
TRENTON						
SITE 01	66	.02	.00	.01	.01	.01
NEW MEXICO						
ALBUQUERQUE						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
NEW YORK						
NEW YORK CITY						
SITE 01	66	.00	.00	.02	.01	.01
	67	.02	.03	.02	.00	.02
NORTH CAROLINA						
CHARLOTTE						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.01	.00	.00
OHIO						
AKRON						
SITE 01	66	.00	.00	.00	.00	.00
	67	.01	.00	.01	.00	.00
CINCINNATI						
SITE 01	66	.00	.04	.01	.02	.02
	67	.01	.00	.00	.00	.00
CLEVELAND						
SITE 01	66	.03	.02	.03	.00	.02
	67	.19	.04	.05	.00	.07
COLUMBUS						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
DAYTON						
SITE 01	66	.00	.02	.00	.00	.00
	67	.01	.00	.01	.00	.00
TOLEDO						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.01	.01	.00	.00
YOUNGSTOWN						
SITE 01	66	.01	.03	.02	.00	.01
	67	.01	.03	.02	.11	.04
OKLAHOMA						
OKLAHOMA CITY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
TULSA						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
OREGON						
EUGENE						
SITE 01	67	.00	.00	.00	.00	.00
MEDFORD						
SITE 01	67	.00	.00	.00	.00	.00
PORTLAND						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
PENNSYLVANIA						
ALLENTOWN						
SITE 01	67	.01	.04	.02	.00	.02
ALTOONA						
SITE 01	67	.00	.00	.00	.00	.00
BETHLEHEM						
SITE 01	67	.01	.02	.07	.02	.03

Table 7-7 (continued). CADMIUM, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
PENNSYLVANIA						
LANCASTER						
SITE 01	66	.00	.00	.01	.00	.00
	67	.01	.01	.00	.00	.00
PHILADELPHIA						
SITE 01	66	.02	.00	.01	.02	.01
	67	.02	.01	.01	.00	.01
PITTSBURGH						
SITE 01	66	.01	.00	.00	.00	.00
	67	.02	.02	.02	.00	.01
READING						
SITE 01	66	.00	.00	.01	.04	.01
	67	.02	.00	.01	.00	.01
WARMINSTER						
SITE 01	66	.01	.01	.02	.00	.01
	67	.04	.01	.00	.00	.01
WEST CHESTER						
SITE 01	67	.05	.02	.00	.00	.02
YORK						
SITE 01	67	.00	.00	.00	.00	.00
PUERTO RICO						
BAYAMON						
SITE 01	66	.00	.00	.00	.00	.00
	67	.01	.00	.00	.00	.00
CATANO						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
GUAYANILLA						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
PONCE						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
RHODE ISLAND						
EAST PROVIDENCE						
SITE 01	67	.02	.01	.00	.00	.01
PROVIDENCE						
SITE 01	66	.00	.01	.00	.00	.00
	67	.00	.01	.00	.00	.00
SOUTH CAROLINA						
COLUMBIA						
SITE 01	67	.00	.01	.00	.00	.00
GREENVILLE						
SITE 01	66	.00	.00	.00	.00	.00
SOUTH DAKOTA						
SIOUX FALLS						
SITE 01	66	.00	.00	.00	.00	.00
TENNESSEE						
CHATTANOOGA						
SITE 01	66	.02	.00	.01	.00	.01
	67	.01	.00	.01	.00	.00
KNOXVILLE						
SITE 01	67	.02	.00	.00	.00	.00
MEMPHIS						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
NASHVILLE						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.01	.00	.00	.00

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar	Yrly avg
TEXAS						
DALLAS						
SITE 01	66	.00	.01	.00	.02	.01
HOUSTON						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
PASADENA						
SITE 01	67	.00	.00	.00	.00	.00
SAN ANTONIO						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
UTAH						
OGDEN						
SITE 01	66	.00	.00	.00	.00	.00
SALT LAKE CITY						
SITE 01	66	.00	.00	.00	.01	.00
	67	.00	.00	.00	.00	.00
VERMONT						
BURLINGTON						
SITE 01	66	.00	.00	.00	.00	.00
VIRGINIA						
DANVILLE						
SITE 01	66	.00	.00	.00	.00	.00
HAMPTON						
SITE 01	67	.00	.00	.00	.00	.00
LYNCHBURG						
SITE 01	67	.00	.02	.00	.00	.00
NORFOLK						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
PORTSMOUTH						
SITE 01	67	.00	.00	.00	.00	.00
RICHMOND						
SITE 01	67	.00	.00	.00	.00	.00
ROANOKE						
SITE 01	67	.01	.00	.02	.00	.01
WASHINGTON						
SEATTLE						
SITE 01	66	.00	.00	.00	.00	.00
	67	.02	.00	.00	.00	.00
WEST VIRGINIA						
CHARLESTON						
SITE 01	66	.00	.00	.00	.00	.00
	67	.01	.01	.00	.00	.00
WISCONSIN						
KENOSHA						
SITE 01	67	.03	.01	.01	.00	.01
MADISON						
SITE 01	67	.01	.00	.00	.00	.00
MILWAUKEE						
SITE 01	66	.00	.00	.02	.00	.00
	67	.00	.06	.00	.01	.02
WYOMING						
CASPER						
SITE 01	67	.00	.00	.00	.00	.00
CHEYENNE						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00

Table 7-8. CADMIUM, NONURBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ARIZONA						
GRAND CANYON NAT PK						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
ARKANSAS						
MONTGOMERY COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
CALIFORNIA						
HUMBOLDT COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
COLORADO						
MESA VERDE NAT PK						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
DELAWARE						
KENT COUNTY						
SITE 01	66	.010	.000	.005	.035	.012
	67	.000	.000	.000	.000	.000
IDAHO						
BUTTE COUNTY						
SITE 01	67	.000	.000	.000	.000	.000
INDIANA						
PERRY COUNTY						
SITE 01	66	.005	.005	.000	.008	.004
	67	.000	.000	.000	.000	.000
PARKE COUNTY						
SITE 01	66	.004	.000	.000	.000	.001
	67	.000	.000	.000	.000	.000
MAINE						
ACADIA NAT PK						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
MARYLAND						
CALVERT COUNTY						
SITE 01	66	.004	.000	.000	.000	.001
	67	.017	.000	.000	.000	.004
MISSISSIPPI						
JACKSON COUNTY						
SITE 01	66	.005	.000	.000	.000	.001
	67	.000	.000	.000	.000	.000
MISSOURI						
SHANNON COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
MONTANA						
GLACIER NAT PK						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEBRASKA						
THOMAS COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEVADA						
WHITE PINE COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEW HAMPSHIRE						
COOS COUNTY						
SITE 01	66	.000	.000	.000	.004	.001
	67	.000	.000	.000	.000	.000

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
NEW MEXICO						
RIO ARRIBA COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEW YORK						
JEFFERSON COUNTY						
SITE 01	66	.000	.005	.006	.004	.004
	67	.000	.000	.000	.000	.000
NORTH CAROLINA						
CAPE HATTERAS						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
OKLAHOMA						
CHEROKEE COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
OREGON						
CURRY COUNTY						
SITE 01	66	.003	.000	.000	.000	.001
	67	.000	.000	.000	.000	.000
PENNSYLVANIA						
CLARION COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.010	.002
RHODE ISLAND						
WASHINGTON COUNTY						
SITE 01	66	.004	.000	.000	.000	.001
	67	.000	.000	.000	.000	.000
SOUTH CAROLINA						
RICHLAND COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
SOUTH DAKOTA						
BLACK HILLS NAT FOR						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
TEXAS						
MATAGORDA COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
VERMONT						
ORANGE COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
VIRGINIA						
SHENANDOAH NAT PK						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
WISCONSIN						
DOOR COUNTY						
SITE 01	67	.000	.000	.000	.000	.000
WYOMING						
YELLOWSTONE PARK						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000

Table 7-9. CHROMIUM, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m³ 1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ALABAMA						
BIRMINGHAM						
SITE 01	66	.012	.021	.023	.040	.023
GADSDEN						
SITE 01	66	.009	.000	.012	.000	.003
HUNTSVILLE						
SITE 01	67	.000	.000	.000	.000	.000
MOBILE						
SITE 01	66	.006	.014	.010	.025	.014
MONTGOMERY						
SITE 01	67	.000	.000	.011	.000	.003
ALASKA						
ANCHORAGE						
SITE 02	66	.000	.007	.010	.000	.004
SITE 03	67	.000	.000	.000	.000	.000
FAIRBANKS						
SITE 01	67	.000	.000	.007	.000	.002
ARIZONA						
MARICOPA COUNTY						
SITE 01	66	.000	.000	.007	.000	.002
	67	.000	.000	.000	.000	.000
PHOENIX						
SITE 02	66	.006	.000	.006	.013	.006
	67	.000	.000	.000	.000	.000
TUCSON						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
ARKANSAS						
LITTLE ROCK						
SITE 01	66	.000	.010	.000	.000	.002
	67	.000	.000	.000	.000	.000
WEST MEMPHIS						
SITE 01	66	.000	.006	.007	.000	.003
CALIFORNIA						
BURBANK						
SITE 02	66	.000	.006	.027	.006	.010
GLENDALE						
SITE 01	67	.000	.000	.000	.000	.000
LONG BEACH						
SITE 01	67	.000	.000	.000	.000	.000
LOS ANGELES						
SITE 01	66	.030	.000	.026	.012	.017
	67	.008	.000	.012	.013	.008
OAKLAND						
SITE 01	66	.000	.000	.000	.006	.001
	67	.007	.000	.006	.000	.003
PASADENA						
SITE 01	66	.000	.000	.014	.000	.003
SAN DIEGO						
SITE 01	66	.000	.012	.000	.011	.006
	67	.009	.008	.025	.000	.010
SAN FRANCISCO						
SITE 01	66	.000	.000	.011	.021	.009
	67	.000	.000	.000	.000	.000
COLORADO						
DENVER						
SITE 01	66	.000	.000	.000	.000	.000
CONNECTICUT						
HARTFORD						
SITE 01	66	.012	.000	.000	.013	.006
NEW HAVEN						
SITE 01	66	.006	.081	.018	.032	.034
	67	.008	.000	.000	.000	.002
DELAWARE						
NEWARK						
SITE 01	66	.000	.000	.009	.000	.002
	67	.007	.000	.000	.000	.002
WILMINGTON						
SITE 01	66	.000	.000	.000	.008	.002
	67	.036	.000	.010	.000	.004

Station location	Year	Concentration, µg/m³ 1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
DISTRICT OF COLUMBIA						
WASHINGTON						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.006	.000	.001
GEORGIA						
ATLANTA						
SITE 01	66	.000	.000	.021	.000	.005
	67	.000	.015	.017	.000	.008
HAWAII						
HONOLULU						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.013	.003
IDAHO						
BOISE						
SITE 01	66	.000	.000	.013	.000	.003
	67	.000	.000	.000	.000	.000
ILLINOIS						
CHICAGO						
SITE 01	66	.000	.011	.009	.013	.008
	67	.000	.000	.010	.010	.005
EAST ST LOUIS						
SITE 01	67	.000	.000	.016	.008	.006
ROCKFORD						
SITE 01	67	.000	.000	.017	.000	.004
SPRINGFIELD						
SITE 01	67	.000	.000	.000	.000	.000
INDIANA						
EAST CHICAGO						
SITE 01	66	.008	.026	.013	.011	.014
	67	.011	.015	.029	.018	.018
HAMMOND						
SITE 01	66	.000	.009	.000	.000	.002
	67	.000	.021	.011	.010	.010
INDIANAPOLIS						
SITE 01	66	.000	.000	.018	.000	.004
	67	.000	.000	.007	.000	.002
MUNCIE						
SITE 01	66	.000	.007	.000	.000	.002
	67	.000	.000	.000	.000	.000
NEW ALBANY						
SITE 02	67	.000	.000	.000	.000	.000
SOUTH BEND						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
TERRE HAUTE						
SITE 01	67	.000	.000	.000	.000	.000
IOWA						
CEDAR RAPIDS						
SITE 01	67	.000	.000	.000	.000	.000
DAVENPORT						
SITE 01	66	.000	.000	.000	.000	.000
DES MOINES						
SITE 01	66	.000	.000	.006	.000	.001
	67	.000	.006	.000	.000	.001
DUBUQUE						
SITE 01	66	.000	.000	.007	.000	.002
	67	.000	.000	.007	.000	.002
KANSAS						
KANSAS CITY						
SITE 01	66	.000	.000	.000	.000	.000
TOPEKA						
SITE 01	67	.000	.000	.000	.000	.000
WICHITA						
SITE 01	66	.000	.008	.008	.007	.006
	67	.000	.000	.000	.000	.000
KENTUCKY						
ASHLAND						
SITE 01	66	.007	.000	.014	.008	.007
COVINGTON						
SITE 01	66	.023	.000	.017	.007	.012
	67	.000	.000	.006	.000	.001

Table 7-9 (continued). CHROMIUM, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
KENTUCKY						
LEXINGTON						
SITE 01	67	.000	.000	.000	.000	.000
LOUISVILLE						
SITE 01	66	.000	.025	.000	.027	.013
	67	.039	.020	.021	.000	.020
LOUISIANA						
NEW ORLEANS						
SITE 02	66	.000	.000	.000	.000	.000
	67	.000	.000	.007	.000	.002
MARYLAND						
BALTIMORE						
SITE 01	66	.130	.048	.042	.180	.100
	67	.072	.120	.067	.045	.076
MICHIGAN						
DETROIT						
SITE 01	66	.000	.013	.000	.009	.005
	67	.008	.022	.025	.043	.024
FLINT						
SITE 01	67	.000	.000	.000	.000	.000
GRAND RAPIDS						
SITE 01	67	.000	.000	.000	.000	.000
MINNESOTA						
DULUTH						
SITE 01	66	.000	.000	.000	.000	.000
MINNEAPOLIS						
SITE 01	66	.000	.007	.000	.000	.002
	67	.006	.000	.000	.000	.001
MOORHEAD						
SITE 01	66	.000	.000	.000	.000	.000
ST PAUL						
SITE 01	66	.000	.000	.000	.000	.000
	67	.011	.000	.006	.000	.004
MISSISSIPPI						
JACKSON						
SITE 01	66	.000	.000	.000	.000	.000
MISSOURI						
KANSAS CITY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.008	.009	.000	.000	.004
ST LOUIS						
SITE 01	66	.000	.000	.015	.000	.004
	67	.006	.012	.000	.000	.004
MONTANA						
HELENA						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEBRASKA						
OMAHA						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.007	.010	.000	.004
NEVADA						
LAS VEGAS						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
RENO						
SITE 01	67	.000	.000	.000	.000	.000
NEW HAMPSHIRE						
CONCORD						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.002
NEW JERSEY						
BAYONNE						
SITE 01	67	.040	.011	.013	.008	.018
BURLINGTON COUNTY						
SITE 02	66	.006	.000	.007	.000	.003
	67	.015	.007	.012	.000	.008
CAMDEN						
SITE 01	66	.000	.000	.008	.000	.002
GLASSBORO						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.006	.000	.001

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
NEW JERSEY						
JERSEY CITY						
SITE 01	66	.021	.016	.013	.007	.014
	67	.055	.041	.017	.034	.037
NEWARK						
SITE 01	66	.014	.000	.060	.006	.015
	67	.028	.013	.017	.000	.014
PATERSON						
SITE 01	67	.006	.022	.000	.000	.007
PERTH AMBOY						
SITE 01	66	.000	.000	.018	.000	.004
	67	.022	.009	.007	.000	.009
TRENTON						
SITE 01	66	.000	.000	.000	.000	.000
NEW MEXICO						
ALBUQUERQUE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEW YORK						
NEW YORK CITY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.040	.049	.031	.000	.030
NORTH CAROLINA						
CHARLOTTE						
SITE 01	66	.000	.000	.003	.009	.002
	67	.000	.000	.012	.000	.003
OHIO						
AKRON						
SITE 01	66	.000	.000	.000	.020	.005
	67	.024	.008	.010	.000	.010
CINCINNATI						
SITE 01	66	.000	.031	.032	.000	.016
	67	.019	.000	.032	.010	.015
CLEVELAND						
SITE 01	66	.000	.000	.009	.000	.002
	67	.017	.013	.006	.000	.009
COLUMBUS						
SITE 01	66	.000	.000	.000	.000	.000
	67	.008	.000	.000	.000	.002
DAYTON						
SITE 01	66	.006	.007	.000	.000	.003
	67	.015	.015	.012	.006	.012
TOLEDO						
SITE 01	66	.000	.000	.000	.000	.000
	67	.007	.008	.012	.000	.007
YOUNGSTOWN						
SITE 01	66	.008	.025	.079	.016	.032
	67	.032	.029	.010	.000	.018
OKLAHOMA						
OKLAHOMA CITY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
TULSA						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
OREGON						
EUGENE						
SITE 01	67	.000	.000	.000	.000	.000
MEDFORD						
SITE 01	67	.000	.000	.000	.000	.000
PORTLAND						
SITE 01	66	.000	.000	.006	.005	.003
	67	.000	.016	.009	.000	.006
PENNSYLVANIA						
ALLENTOWN						
SITE 01	67	.000	.011	.006	.000	.004
ALTOONA						
SITE 01	67	.000	.006	.007	.000	.003
BETHLEHEM						
SITE 01	67	.007	.013	.000	.000	.005

Table 7-9 (continued). CHROMIUM, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar	2nd quar	3rd quar.	4th quar.	Yrly avg
PENNSYLVANIA						
LANCASTER						
SITE 01	66	.000	.000	.000	.000	.000
	67	.006	.003	.000	.000	.001
PHILADELPHIA						
SITE 01	66	.009	.000	.003	.001	.002
	67	.009	.013	.000	.000	.005
PITTSBURGH						
SITE 01	66	.013	.010	.036	.009	.017
	67	.024	.042	.038	.007	.028
READING						
SITE 01	66	.027	.022	.011	.002	.038
	67	.027	.000	.000	.000	.007
WARMINSTER						
SITE 01	66	.023	.000	.000	.001	.006
	67	.006	.000	.000	.000	.001
WEST CHESTER						
SITE 01	67	.000	.000	.000	.000	.000
YORK						
SITE 01	67	.007	.000	.000	.000	.002
PUERTO RICO						
BAYAMON						
SITE 01	66	.000	.000	.000	.000	.000
	67	.006	.000	.000	.000	.001
CATANO						
SITE 01	66	.000	.000	.028	.000	.007
	67	.018	.013	.000	.000	.008
GUAYANILLA						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PONCE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.001	.000	.000	.000
RHODE ISLAND						
EAST PROVIDENCE						
SITE 01	67	.000	.000	.000	.000	.000
PROVIDENCE						
SITE 01	66	.000	.007	.000	.000	.002
	67	.000	.000	.000	.000	.000
SOUTH CAROLINA						
COLUMBIA						
SITE 01	67	.000	.000	.000	.000	.000
GREENVILLE						
SITE 01	66	.008	.008	.007	.000	.006
SOUTH DAKOTA						
SIOUX FALLS						
SITE 01	66	.008	.008	.000	.006	.005
TENNESSEE						
CHATTANOOGA						
SITE 01	66	.006	.000	.000	.000	.001
	67	.000	.000	.000	.000	.000
KNOXVILLE						
SITE 01	67	.000	.000	.000	.000	.000
MEMPHIS						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NASHVILLE						
SITE 01	66	.000	.000	.006	.006	.003
	67	.000	.017	.000	.000	.004

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
TEXAS						
DALLAS						
SITE 01	66	.000	.007	.000	.000	.002
HOUSTON						
SITE 01	66	.000	.000	.000	.000	.000
	67	.006	.000	.000	.000	.001
PASADENA						
SITE 01	67	.000	.000	.000	.000	.000
SAN ANTONIO						
SITE 01	66	.000	.006	.000	.000	.001
	67	.000	.000	.000	.000	.000
UTAH						
OGDEN						
SITE 01	66	.000	.000	.000	.000	.000
SALT LAKE CITY						
SITE 01	66	.000	.000	.006	.006	.003
	67	.024	.006	.000	.000	.007
VERMONT						
BURLINGTON						
SITE 01	66	.000	.000	.000	.000	.000
VIRGINIA						
DANVILLE						
SITE 01	66	.010	.000	.007	.000	.004
HAMPTON						
SITE 01	67	.000	.006	.000	.000	.001
LYNCHBURG						
SITE 01	67	.000	.000	.000	.000	.000
NORFOLK						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PORTSMOUTH						
SITE 01	67	.000	.000	.000	.000	.000
RICHMOND						
SITE 01	67	.000	.000	.000	.000	.000
ROANOKE						
SITE 01	67	.000	.000	.000	.000	.000
WASHINGTON						
SEATTLE						
SITE 01	66	.000	.000	.000	.013	.003
	67	.013	.000	.000	.000	.003
WEST VIRGINIA						
CHARLESTON						
SITE 01	66	.018	.014	.007	.000	.010
	67	.017	.033	.007	.000	.014
WISCONSIN						
KENOSHA						
SITE 01	67	.000	.000	.000	.000	.000
MADISON						
SITE 01	67	.000	.000	.000	.000	.000
MILWAUKEE						
SITE 01	66	.000	.000	.016	.000	.004
	67	.000	.029	.000	.000	.007
WYOMING						
CASPER						
SITE 01	67	.000	.000	.000	.000	.000
CHEYENNE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000

Table 7-10. CHROMIUM, NONURBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ARIZONA						
GRAND CANYON NAT PK						
SITE 01	66	.000	.003	.000	.000	.001
	67	.000	.000	.000	.000	.000
ARKANSAS						
MONTGOMERY COUNTY						
SITE 01	66	.002	.000	.002	.005	.002
	67	.000	.000	.000	.000	.000
CALIFORNIA						
HUMBOLDT COUNTY						
SITE 01	66	.008	.000	.004	.002	.003
	67	.000	.000	.000	.000	.000
COLORADO						
MESA VERDE NAT PK						
SITE 01	66	.002	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
DELAWARE						
KENT COUNTY						
SITE 01	66	.007	.000	.004	.007	.004
	67	.004	.000	.000	.005	.002
IDAHO						
BUTTE COUNTY						
SITE 01	67	.000	.000	.000	.000	.000
INDIANA						
PERRCE COUNTY						
SITE 01	66	.000	.000	.000	.004	.001
	67	.000	.000	.000	.003	.001
PARKE COUNTY						
SITE 01	66	.005	.004	.000	.005	.003
	67	.000	.000	.000	.000	.000
MAINE						
ACADIA NAT PK						
SITE 01	66	.005	.004	.010	.008	.007
	67	.013	.000	.000	.032	.011
MARYLAND						
CALVERT COUNTY						
SITE 01	66	.015	.009	.006	.004	.008
	67	.000	.000	.000	.005	.001
MISSISSIPPI						
JACKSON COUNTY						
SITE 01	66	.020	.020	.013	.006	.015
	67	.000	.000	.000	.000	.000
MISSOURI						
SHANNON COUNTY						
SITE 01	66	.000	.000	.050	.003	.013
	67	.000	.000	.000	.000	.000
MONTANA						
GLACIER NAT PK						
SITE 01	66	.000	.004	.007	.003	.003
	67	.000	.000	.000	.000	.000
NEBRASKA						
THOMAS COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEVADA						
WHITE PINE COUNTY						
SITE 01	66	.000	.005	.000	.000	.001
	67	.000	.000	.000	.000	.000
NEW HAMPSHIRE						
COOS COUNTY						
SITE 01	66	.003	.007	.016	.012	.009
	67	.000	.000	.000	.003	.001

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
NEW MEXICO						
RIO ARRIBA COUNTY						
SITE 01	66	.000	.003	.000	.007	.002
	67	.000	.000	.000	.000	.000
NEW YORK						
JEFFERSON COUNTY						
SITE 01	66	.002	.003	.010	.000	.004
	67	.002	.002	.000	.004	.002
NORTH CARCLINA						
CAPE HATTERAS						
SITE 01	66	.000	.000	.000	.027	.007
	67	.002	.000	.000	.000	.000
OKLAHOMA						
CHEROKEE COUNTY						
SITE 01	66	.000	.000	.006	.008	.003
	67	.000	.000	.000	.000	.000
OREGON						
CURRY COUNTY						
SITE 01	66	.003	.000	.000	.000	.001
	67	.000	.000	.000	.003	.001
PENNSYLVANIA						
CLARION COUNTY						
SITE 01	66	.000	.000	.006	.003	.002
	67	.009	.005	.007	.016	.009
RHODE ISLAND						
WASHINGTON COUNTY						
SITE 01	66	.004	.005	.000	.000	.002
	67	.000	.004	.005	.009	.004
SOUTH CARCLINA						
RICHLAND COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.011	.014	.007	.003	.009
SOUTH DAKOTA						
BLACK HILLS NAT FOR						
SITE 01	66	.000	.003	.000	.000	.001
	67	.004	.000	.000	.003	.002
TEXAS						
MATAGORDA COUNTY						
SITE 01	66	.000	.005	.000	.000	.001
	67	.000	.000	.000	.000	.000
VERMONT						
ORANGE COUNTY						
SITE 01	66	.000	.006	.000	.000	.001
	67	.005	.003	.000	.000	.002
VIRGINIA						
SHENANDOAH NAT PK						
SITE 01	66	.000	.005	.005	.000	.002
	67	.000	.000	.000	.003	.001
WISCONSIN						
DOOR COUNTY						
SITE 01	67	.013	.003	.002	.000	.004
WYOMING						
YELLOWSTONE PARK						
SITE 01	66	.000	.000	.004	.000	.001
	67	.009	.000	.000	.003	.003

Table 7-11. COBALT, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ALABAMA						
BIRMINGHAM						
SITE 01	66	.000	.000	.000	.000	.000
GADSDEN						
SITE 01	66	.000	.000	.000	.000	.000
HUNTSVILLE						
SITE 01	67	.000	.000	.000	.000	.000
MOBILE						
SITE 01	66	.000	.000	.000	.000	.000
MONTGOMERY						
SITE 01	67	.000	.000	.000	.000	.000
ALASKA						
ANCHORAGE						
SITE 02	66	.000	.000	.000	.000	.000
SITE 03	67	.000	.000	.000	.000	.000
FAIRBANKS						
SITE 01	67	.000	.000	.000	.000	.000
ARIZONA						
MARICOPA COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PHOENIX						
SITE 02	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
TUCSON						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
ARKANSAS						
LITTLE ROCK						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
WEST MEMPHIS						
SITE 01	66	.000	.000	.000	.000	.000
CALIFORNIA						
BURBANK						
SITE 02	66	.000	.000	.000	.000	.000
GLENDALE						
SITE 01	67	.000	.000	.000	.000	.000
LONG BEACH						
SITE 01	67	.000	.000	.000	.000	.000
LOS ANGELES						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
OAKLAND						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PASADENA						
SITE 01	66	.000	.000	.000	.000	.000
SAN DIEGO						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
SAN FRANCISCO						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
COLORADO						
DENVER						
SITE 01	66	.000	.000	.000	.000	.000
CONNECTICUT						
HARTFORD						
SITE 01	66	.000	.000	.000	.000	.000
NEW HAVEN						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
DELAWARE						
NEWARK						
SITE 01	66	.000	.000	.000	.008	.002
	67	.008	.000	.000	.000	.002
WILMINGTON						
SITE 01	66	.000	.000	.000	.000	.000
	67	.180	.000	.000	.000	.045

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
DISTRICT OF COLUMBIA						
WASHINGTON						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
GEORGIA						
ATLANTA						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
HAWAII						
HONOLULU						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
IDAHO						
BOISE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
ILLINOIS						
CHICAGO						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
EAST ST LOUIS						
SITE 01	67	.000	.000	.000	.000	.000
ROCKFORD						
SITE 01	67	.000	.000	.000	.000	.000
SPRINGFIELD						
SITE 01	67	.000	.000	.000	.000	.000
INDIANA						
EAST CHICAGO						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
HAMMOND						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
INDIANAPOLIS						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
MUNCIE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEW ALBANY						
SITE 02	67	.000	.000	.000	.000	.000
SOUTH BEND						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
TERRE HAUTE						
SITE 01	67	.000	.000	.000	.000	.000
IOWA						
CEDAR RAPIDS						
SITE 01	67	.000	.000	.000	.000	.000
DAVENPORT						
SITE 01	66	.000	.000	.000	.000	.000
DES MOINES						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
DUBUQUE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
KANSAS						
KANSAS CITY						
SITE 01	66	.000	.000	.000	.000	.000
TOPEKA						
SITE 01	67	.000	.000	.000	.000	.000
WICHITA						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
KENTUCKY						
ASHLAND						
SITE 01	66	.000	.000	.000	.010	.002
COVINGTON						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000

Table 7-11 (continued). COBALT, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar	Yrly avg
KENTUCKY						
LEXINGTON						
SITE 01	67	.000	.000	.000	.000	.000
LOUISVILLE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
LOUISIANA						
NEW ORLEANS						
SITE 02	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
MARYLAND						
BALTIMORE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
MICHIGAN						
DETROIT						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
FLINT						
SITE 01	67	.000	.000	.000	.000	.000
GRAND RAPIDS						
SITE 01	67	.000	.000	.000	.000	.000
MINNESOTA						
DULUTH						
SITE 01	66	.000	.000	.000	.000	.000
MINNEAPOLIS						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
MOORHEAD						
SITE 01	66	.000	.000	.000	.000	.000
ST PAUL						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
MISSISSIPPI						
JACKSON						
SITE 01	66	.000	.000	.000	.000	.000
MISSOURI						
KANSAS CITY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
ST LOUIS						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
MONTANA						
HELENA						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEBRASKA						
OMAHA						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEVADA						
LAS VEGAS						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
RENO						
SITE 01	67	.000	.000	.000	.000	.000
NEW HAMPSHIRE						
CONCORD						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEW JERSEY						
BAYONNE						
SITE 01	67	.000	.000	.000	.000	.000
BURLINGTON COUNTY						
SITE 02	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
CAMDEN						
SITE 01	66	.000	.000	.000	.000	.000
GLASSBORO						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000

Station location	Year	Concentration, µg/m3				
		1st quar	2nd quar.	3rd quar.	4th quar.	Yrly avg
NEW JERSEY						
JERSEY CITY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEWARK						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PATERSON						
SITE 01	67	.000	.000	.000	.000	.000
PERTH AMBOY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
TRENTON						
SITE 01	66	.000	.000	.000	.000	.000
NEW MEXICO						
ALBUQUERQUE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEW YORK						
NEW YORK CITY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.007	.000	.002
NORTH CAROLINA						
CHARLOTTE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
OHIO						
AKRON						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
CINCINNATI						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
CLEVELAND						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
COLUMBUS						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
DAYTON						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
TOLEDO						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
YOUNGSTOWN						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
OKLAHOMA						
OKLAHOMA CITY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
TULSA						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
OREGON						
EUGENE						
SITE 01	67	.000	.000	.000	.000	.000
MEDFORD						
SITE 01	67	.000	.000	.000	.000	.000
PORTLAND						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PENNSYLVANIA						
ALLENTOWN						
SITE 01	67	.000	.000	.000	.000	.000
ALTOONA						
SITE 01	67	.000	.000	.000	.000	.000
BETHLEHEM						
SITE 01	67	.000	.000	.000	.000	.000

Table 7-11 (continued). COBALT, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
PENNSYLVANIA						
LANCASTER						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PHILADELPHIA						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PITTSBURGH						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
READING						
SITE 01	66	.000	.000	.000	.010	.002
	67	.000	.000	.000	.000	.000
WARMINSTER						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
WEST CHESTER						
SITE 01	67	.000	.000	.000	.000	.000
YORK						
SITE 01	67	.000	.000	.000	.000	.000
PUERTO RICO						
BAYAMON						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
CATANO						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
GUAYANILLA						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PONCE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
RHODE ISLAND						
EAST PROVIDENCE						
SITE 01	67	.000	.000	.000	.000	.000
PROVIDENCE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
SOUTH CAROLINA						
COLUMBIA						
SITE 01	67	.000	.000	.000	.000	.000
GREENVILLE						
SITE 01	66	.000	.000	.000	.000	.000
SOUTH DAKOTA						
SIOUX FALLS						
SITE 01	66	.000	.000	.000	.000	.000
TENNESSEE						
CHATTANOOGA						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
KNOXVILLE						
SITE 01	67	.000	.000	.000	.000	.000
MEMPHIS						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NASHVILLE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
TEXAS						
DALLAS						
SITE 01	66	.000	.000	.000	.000	.000
HOUSTON						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PASADENA						
SITE 01	67	.000	.000	.000	.000	.000
SAN ANTONIO						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
UTAH						
OGDEN						
SITE 01	66	.000	.000	.000	.000	.000
SALT LAKE CITY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
VERMONT						
BURLINGTON						
SITE 01	66	.000	.000	.000	.000	.000
VIRGINIA						
DANVILLE						
SITE 01	66	.000	.000	.000	.000	.000
HAMPTON						
SITE 01	67	.000	.000	.000	.000	.000
LYNCHBURG						
SITE 01	67	.000	.000	.000	.000	.000
NORFOLK						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PORTSMOUTH						
SITE 01	67	.000	.000	.000	.000	.000
RICHMOND						
SITE 01	67	.000	.000	.000	.000	.000
ROANOKE						
SITE 01	67	.000	.000	.000	.000	.000
WASHINGTON						
SEATTLE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
WEST VIRGINIA						
CHARLESTON						
SITE 01	66	.000	.000	.000	.007	.002
	67	.008	.013	.000	.000	.005
WISCONSIN						
KENOSHA						
SITE 01	67	.000	.000	.000	.000	.000
MADISON						
SITE 01	67	.000	.000	.000	.000	.000
MILWAUKEE						
SITE 01	65	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
WYOMING						
CASPER						
SITE 01	67	.000	.000	.000	.000	.000
CHEYENNE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000

Table 7-12. COBALT, NONURBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ARIZONA						
GRAND CANYON NAT PK						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
ARKANSAS						
MONTGOMERY COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
CALIFORNIA						
HUMBOLDT COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
COLORADO						
MESA VERDE NAT PK						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
DELAWARE						
KENT COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
IDAHO						
BUTTE COUNTY						
SITE 01	67	.000	.000	.000	.000	.000
INDIANA						
PENRCE COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PARKE COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
MAINE						
ACADIA NAT PK						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
MARYLAND						
CALVERT COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
MISSISSIPPI						
JACKSON COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
MISSOURI						
SHANNON COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
MONTANA						
GLACIER NAT PK						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEBRASKA						
THOMAS COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEVADA						
WHITE PINE COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEW HAMPSHIRE						
COOS COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
NEW MEXICO						
RIO ARRIBA COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEW YORK						
JEFFERSON COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NORTH CAROLINA						
CAPE HATTERAS						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
OKLAHOMA						
CHEROKEE COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
OREGON						
CURRY COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PENNSYLVANIA						
CLARION COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
RHODE ISLAND						
WASHINGTON COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
SOUTH CAROLINA						
RICHLAND COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
SOUTH DAKOTA						
BLACK HILLS NAT FOR						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
TEXAS						
MATAGORDA COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
VERMONT						
ORANGE COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
VIRGINIA						
SHENANDOAH NAT PK						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
WISCONSIN						
DOOR COUNTY						
SITE 01	67	.000	.000	.000	.000	.000
WYOMING						
YELLOWSTONE PARK						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000

Table 7-13. COPPER, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ALABAMA						
BIRMINGHAM						
SITE 01	66	.19	.10	.06	.09	.11
GADSDEN						
SITE 01	66	.04	.05	.06	.06	.05
HUNTSVILLE						
SITE 01	67	.05	.14	.15	.14	.12
MOBILE						
SITE 01	66	.06	.06	.16	.18	.11
MONTGOMERY						
SITE 01	67	.12	.02	.06	.03	.06
ALASKA						
ANCHORAGE						
SITE 02	66	.10	.04	.07	.10	.08
SITE 03	67	.11	.05	.08	.02	.06
FAIRBANKS						
SITE 01	67	.56	1.10	.55	.21	.60
ARIZONA						
MARICOPA COUNTY						
SITE 01	66	.10	.05	.07	.07	.07
	67	.06	.04	.10	.04	.06
PHOENIX						
SITE 02	66	.06	.09	.39	.55	.27
	67	.31	.37	.58	.26	.38
TUCSON						
SITE 01	66	.64	.28	.50	.61	.51
	67	.27	.31	.22	.43	.31
ARKANSAS						
LITTLE ROCK						
SITE 01	66	.07	.07	.03	.03	.05
	67	.04	.06	.12	.09	.07
WEST MEMPHIS						
SITE 01	66	.03	.04	.07	.02	.04
CALIFORNIA						
BURBANK						
SITE 02	66	.14	.12	.68	.07	.25
GLENDALE						
SITE 01	67	.19	.13	.16	.06	.13
LONG BEACH						
SITE 01	67	.06	.06	.09	.03	.06
LOS ANGELES						
SITE 01	66	.20	.09	.16	.08	.13
	67	.09	.06	.16	.09	.10
OAKLAND						
SITE 01	66	.14	.08	.10	.16	.12
	67	.19	.07	.06	.06	.09
PASADENA						
SITE 01	66	.23	.11	.27	.14	.19
SAN DIEGO						
SITE 01	66	.21	.16	.10	.15	.15
	67	.07	.13	.12	.15	.12
SAN FRANCISCO						
SITE 01	66	.11	.07	.11	.27	.14
	67	.19	.09	.07	.15	.12
COLORADO						
DENVER						
SITE 01	66	.08	.06	.06	.08	.07
CONNECTICUT						
HARTFORD						
SITE 01	66	.65	.18	.07	.16	.26
NEW HAVEN						
SITE 01	66	.15	.39	.17	.13	.21
	67	.19	.20	.16	.14	.17
DELAWARE						
NEWARK						
SITE 01	66	.36	.38	.57	.22	.38
	67	.45	.87	.63	.38	.58
WILMINGTON						
SITE 01	66	.11	.10	.09	.24	.16
	67	.35	.17	.61	.12	.31

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
DISTRICT OF COLUMBIA						
WASHINGTON						
SITE 01	66	.16	.13	.18	.11	.14
	67	.09	.43	.53	.26	.53
GEORGIA						
ATLANTA						
SITE 01	66	.07	.05	.04	.02	.04
	67	.07	.09	.10	.07	.08
HAWAII						
HONOLULU						
SITE 01	66	.14	.06	.08	.09	.10
	67	.12	.09	.06	.08	.09
IDAHO						
BOISE						
SITE 01	66	.16	.10	.15	.08	.12
	67	.09	.13	.27	.20	.17
ILLINOIS						
CHICAGO						
SITE 01	66	.07	.05	.10	.09	.08
	67	.09	.06	.12	.09	.09
EAST ST LOUIS						
SITE 01	67	.08	.16	.15	.23	.15
ROCKFORD						
SITE 01	67	.04	.06	.42	.04	.14
SPRINGFIELD						
SITE 01	67	.09	.06	.06	.07	.07
INDIANA						
EAST CHICAGO						
SITE 01	66	.18	.16	.14	.14	.15
	67	.10	.16	.20	.26	.18
HAMMOND						
SITE 01	66	.07	.06	.11	.04	.07
	67	.08	.17	.41	.07	.18
INDIANAPOLIS						
SITE 01	66	.25	.20	2.11	.63	.79
	67	.34	.55	.27	.25	.35
MUNCIE						
SITE 01	66	.06	.12	.09	.06	.08
	67	.06	.15	.12	.13	.16
NEW ALBANY						
SITE 02	67	.04	.03	.04	.06	.04
SOUTH BEND						
SITE 01	66	.06	.06	.05	.13	.07
	67	.06	.09	.09	.05	.12
TERRE HAUTE						
SITE 01	67	.04	.05	.07	.02	.04
IOWA						
CEDAR RAPIDS						
SITE 01	67	.06	.15	.18	.07	.11
DAVENPORT						
SITE 01	66	.08	.13	.13	.07	.09
DES MOINES						
SITE 01	66	.08	.07	.04	.04	.06
	67	.09	.17	.18	.09	.13
DUBUQUE						
SITE 01	66	.10	.15	.17	.08	.12
	67	.17	.20	.38	.09	.21
KANSAS						
KANSAS CITY						
SITE 01	66	.03	.05	.02	.04	.03
TOPEKA						
SITE 01	67	.10	.15	.59	.02	.21
WICHITA						
SITE 01	66	.08	.08	.18	.16	.12
	67	.40	.11	.32	.27	.27
KENTUCKY						
ASHLAND						
SITE 01	66	.06	.14	.14	.10	.11
COVINGTON						
SITE 01	66	.13	.05	.08	.07	.08
	67	.07	.08	.13	.05	.08

Table 7-13 (continued). COPPER, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
KENTUCKY						
LEXINGTON						
SITE 01	67	.08	.14	.15	.37	.11
LOUISVILLE						
SITE 01	66	.12	.22	.19	.77	.32
	67	.52	.20	.25	.09	.26
LOUISIANA						
NEW ORLEANS						
SITE 02	66	.02	.02	.02	.02	.02
	67	.03	.04	.09	.02	.05
MARYLAND						
BALTIMORE						
SITE 01	66	.20	.12	.21	.53	.26
	67	.21	.23	.47	.27	.29
MICHIGAN						
DETROIT						
SITE 01	66	.04	.07	.38	.07	.06
	67	.14	.09	.51	.08	.20
FLINT						
SITE 01	67	.07	.13	.08	.33	.08
GRAND RAPIDS						
SITE 01	67	.39	.61	.24	.07	.33
MINNESOTA						
DULUTH						
SITE 01	66	.03	.05	.03	.06	.04
MINNEAPOLIS						
SITE 01	66	.09	.16	.09	.13	.12
	67	.15	.14	.23	.04	.14
MOORHEAD						
SITE 01	66	.00	.00	.02	.02	.01
ST PAUL						
SITE 01	66	.05	.04	.06	.05	.05
	67	.14	.07	.06	.06	.08
MISSISSIPPI						
JACKSON						
SITE 01	66	.09	.03	.07	.04	.06
MISSOURI						
KANSAS CITY						
SITE 01	66	.04	.03	.03	.03	.03
	67	.06	.07	.05	.02	.05
ST LOUIS						
SITE 01	66	.27	.11	.33	.13	.21
	67	.26	.29	.15	.23	.23
MONTANA						
HELENA						
SITE 01	66	.04	.02	.02	.04	.03
	67	.18	.09	.17	.08	.13
NEBRASKA						
OMAHA						
SITE 01	66	.04	.06	.06	.07	.06
	67	.11	.16	.14	.06	.12
NEVADA						
LAS VEGAS						
SITE 01	66	.15	.08	.07	.07	.09
	67	.11	.11	.07	.02	.08
RENO						
SITE 01	67	.11	.04	.06	.02	.06
NEW HAMPSHIRE						
CONCORD						
SITE 01	66	.06	.06	.15	.12	.10
	67	.18	.18	.13	.10	.15
NEW JERSEY						
BAYONNE						
SITE 01	67	.77	.22	.37	.79	.51
BURLINGTON COUNTY						
SITE 02	66	.10	.05	.15	.04	.08
	67	.11	.16	.10	.11	.12
CAMDEN						
SITE 01	66	.10	.04	.11	.11	.09
GLASSBORO						
SITE 01	66	.08	.09	.41	.14	.18
	67	.45	.53	.36	.09	.35

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
NEW JERSEY						
JERSEY CITY						
SITE 01	66	.10	.06	.16	.15	.12
	67	.14	.47	.09	.04	.18
NEWARK						
SITE 01	66	.13	.08	.15	.12	.12
	67	.20	.28	.20	.04	.18
PATERSON						
SITE 01	67	.31	.33	.08	.03	.19
PERTH AMBOY						
SITE 01	66	.23	.31	1.30	.51	.59
	67	1.10	.85	.65	.27	.67
TRENTON						
SITE 01	66	.17	.10	.18	.18	.16
NEW MEXICO						
ALBUQUERQUE						
SITE 01	66	.15	.15	.07	.07	.11
	67	.37	.35	.25	.06	.26
NEW YORK						
NEW YORK CITY						
SITE 01	66	.06	.08	.14	.12	.10
	67	.23	.67	.45	.15	.37
NORTH CAROLINA						
CHARLOTTE						
SITE 01	66	.03	.03	.08	.10	.06
	67	.08	.14	.08	.12	.08
OHIO						
AKRON						
SITE 01	66	.03	.03	.06	.05	.04
	67	.17	.10	.09	.03	.10
CINCINNATI						
SITE 01	66	.10	.27	.15	.13	.16
	67	.13	.11	.33	.14	.18
CLEVELAND						
SITE 01	66	.09	.16	.20	.43	.22
	67	1.20	.91	.40	.04	.64
COLUMBUS						
SITE 01	66	.03	.05	.05	.04	.04
	67	.24	.16	.10	.03	.13
DAYTON						
SITE 01	66	.05	.06	.04	.05	.05
	67	.35	.18	.15	.04	.18
TOLEDO						
SITE 01	66	.07	.11	.04	.04	.06
	67	.08	.11	.15	.02	.09
YOUNGSTOWN						
SITE 01	66	.05	.09	.14	.06	.08
	67	.19	.12	.12	.08	.13
OKLAHOMA						
OKLAHOMA CITY						
SITE 01	66	.07	.04	.08	.04	.06
	67	.15	.12	.07	.00	.08
TULSA						
SITE 01	66	.03	.03	.05	.09	.05
	67	.28	.12	.04	.00	.11
OREGON						
EUGENE						
SITE 01	67	.04	.08	.06	.00	.04
MEDFORD						
SITE 01	67	.08	.06	.04	.02	.05
PORTLAND						
SITE 01	66	.06	.05	.07	.07	.06
	67	.07	.15	.10	.04	.09
PENNSYLVANIA						
ALLENTOWN						
SITE 01	67	.51	.40	.55	.08	.38
ALTOONA						
SITE 01	67	.71	.84	.60	.11	.56
BETHLEHEM						
SITE 01	67	.13	.19	.13	.05	.12

Table 7-13 (continued). COPPER, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
PENNSYLVANIA						
LANCASTER						
SITE 01	66	.10	.04	.26	.25	.16
	67	.47	.56	.69	.07	.45
PHILADELPHIA						
SITE 01	66	.16	.12	.20	.23	.18
	67	.26	.30	.24	.23	.26
PITTSBURGH						
SITE 01	66	.08	.05	.09	.05	.07
	67	.11	.11	.14	.09	.11
READING						
SITE 01	66	.24	.20	.10	.38	.23
	67	.18	.10	.07	.07	.10
WARMINSTER						
SITE 01	66	.21	.15	.08	.05	.12
	67	.33	.14	.07	.06	.16
WEST CHESTER						
SITE 01	67	.47	.44	.20	.14	.31
YORK						
SITE 01	67	.06	.04	.04	.03	.04
PUERTO RICO						
BAYAMON						
SITE 01	66	.02	.00	.02	.00	.01
	67	.05	.04	.02	.00	.03
CATANO						
SITE 01	66	.04	.05	.07	.02	.04
	67	.06	.05	.03	.07	.05
GUAYANILLA						
SITE 01	66	.05	.02	.03	.02	.03
	67	.07	.03	.03	.00	.03
PONCE						
SITE 01	66	.03	.02	.02	.02	.02
	67	.03	.02	.02	.00	.02
RHODE ISLAND						
EAST PROVIDENCE						
SITE 01	67	.07	.08	.09	.05	.07
PROVIDENCE						
SITE 01	66	.07	.11	.08	.09	.09
	67	.14	.16	.10	.07	.12
SOUTH CAROLINA						
COLUMBIA						
SITE 01	67	.17	.61	.37	.35	.37
GREENVILLE						
SITE 01	66	.06	.02	.04	.03	.04
SOUTH DAKOTA						
SIOUX FALLS						
SITE 01	66	.06	.09	.10	.15	.10
TENNESSEE						
CHATTANOOGA						
SITE 01	66	.11	.06	.26	.13	.14
	67	.21	.12	.37	.09	.20
KNOXVILLE						
SITE 01	67	.14	.08	.04	.02	.07
MEMPHIS						
SITE 01	66	.08	.06	.06	.12	.08
	67	.07	.17	.04	.04	.08
NASHVILLE						
SITE 01	66	.15	.13	.16	.13	.14
	67	.11	.19	.10	.08	.12

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
TEXAS						
DALLAS						
SITE 01	66	.06	.05	.03	.03	.04
HOUSTON						
SITE 01	66	.17	.16	.15	.08	.14
	67	.16	.07	.11	.05	.10
PASADENA						
SITE 01	67	.03	.04	.03	.00	.02
SAN ANTONIO						
SITE 01	66	.02	.04	.02	.03	.03
	67	.03	.06	.03	.02	.03
UTAH						
OGDEN						
SITE 01	66	.08	.04	.08	.34	.13
SALT LAKE CITY						
SITE 01	66	.09	.11	.07	.09	.09
	67	.08	.08	.09	.09	.08
VERMONT						
BURLINGTON						
SITE 01	66	.06	.07	.07	.03	.06
VIRGINIA						
DANVILLE						
SITE 01	66	.14	.12	.41	.18	.21
HAMPTON						
SITE 01	67	.18	.21	.16	.13	.17
LYNCHBURG						
SITE 01	67	.50	.23	.32	.21	.31
NORFOLK						
SITE 01	66	.05	.10	.03	.04	.05
	67	.08	.06	.05	.03	.05
PORTSMOUTH						
SITE 01	67	.07	.15	.11	.02	.09
RICHMOND						
SITE 01	67	.14	.14	.12	.05	.11
ROANOKE						
SITE 01	67	.16	.23	.15	.08	.15
WASHINGTON						
SEATTLE						
SITE 01	66	.05	.04	.04	.06	.05
	67	.10	.06	.03	.03	.05
WEST VIRGINIA						
CHARLESTON						
SITE 01	66	.11	.07	.06	.06	.07
	67	.13	.17	.15	.04	.12
WISCONSIN						
KENOSHA						
SITE 01	67	.07	.10	.05	.07	.07
MADISON						
SITE 01	67	.07	.04	.07	.03	.05
MILWAUKEE						
SITE 01	66	.06	.10	.39	.18	.18
	67	.12	.22	.18	.15	.17
WYOMING						
CASPER						
SITE 01	67	.04	.12	.07	.07	.07
CHEYENNE						
SITE 01	66	.03	.06	.05	.03	.04
	67	.11	.14	.09	.03	.09

Table 7-14. COPPER, NONURBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ARIZONA						
GRAND CANYON NAT PK						
SITE 01	66	.042	.077	.068	.082	.067
	67	.047	.047	.034	.064	.048
ARKANSAS						
MONTGOMERY COUNTY						
SITE 01	66	.038	.159	.048	.045	.072
	67	.014	.020	.021	.032	.022
CALIFORNIA						
HUMBOLDT COUNTY						
SITE 01	66	.057	.054	.033	.057	.050
	67	.042	.180	.120	.140	.120
COLORADO						
MESA VERDE NAT PK						
SITE 01	66	.031	.017	.015	.020	.022
	67	.000	.009	.008	.050	.017
DELAWARE						
KENT COUNTY						
SITE 01	66	.057	.040	.052	.053	.050
	67	.023	.015	.013	.021	.015
IDAHO						
BUTTE COUNTY						
SITE 01	67	.032	.018	.023	.047	.030
INDIANA						
PEARCE COUNTY						
SITE 01	66	.073	.141	.057	.057	.082
	67	.012	.011	.016	.015	.013
PARKE COUNTY						
SITE 01	66	.051	.040	.027	.064	.045
	67	.018	.027	.046	.052	.036
MAINE						
ACADIA NAT PK						
SITE 01	66	.035	.026	.125	.056	.061
	67	.420	.280	.150	.029	.220
MARYLAND						
CALVERT COUNTY						
SITE 01	66	.076	.088	.033	.035	.058
	67	.350	.210	.046	.037	.161
MISSISSIPPI						
JACKSON COUNTY						
SITE 01	66	.033	.028	.053	.183	.074
	67	.220	.170	.510	.062	.240
MISSOURI						
SHANNON COUNTY						
SITE 01	66	.019	.022	.015	.013	.017
	67	.047	.067	.120	.020	.063
MONTANA						
GLACIER NAT PK						
SITE 01	66	.176	.065	.162	.057	.115
	67	.190	.200	.230	.054	.168
NEBRASKA						
THOMAS COUNTY						
SITE 01	66	.016	.018	.024	.016	.018
	67	.012	.044	.016	.027	.025
NEVADA						
WHITE PINE COUNTY						
SITE 01	66	.021	.016	.033	.032	.025
	67	.057	.034	.023	.059	.043
NEW HAMPSHIRE						
COOS COUNTY						
SITE 01	66	.061	.098	.055	.045	.062
	67	.051	.055	.062	.089	.064

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
NEW MEXICO						
RIO ARRIBA COUNTY						
SITE 01	66	.054	.316	.242	.112	.181
	67	.140	.200	.302	.098	.185
NEW YORK						
JEFFERSON COUNTY						
SITE 01	66	.177	.104	.161	.104	.136
	67	.065	.120	.730	.150	.266
NORTH CAROLINA						
CAPE HATTERAS						
SITE 01	66	.018	.039	.022	.025	.026
	67	.015	.019	.026	.055	.029
OKLAHOMA						
CHEROKEE COUNTY						
SITE 01	66	.041	.081	.056	.062	.060
	67	.073	.044	.033	.110	.065
OREGON						
CURRY COUNTY						
SITE 01	66	.400	.050	.040	.050	.135
	67	.040	.041	.035	.028	.036
PENNSYLVANIA						
CLARION COUNTY						
SITE 01	66	.132	.182	.100	.125	.135
	67	.120	.240	.630	.470	.365
RHODE ISLAND						
WASHINGTON COUNTY						
SITE 01	66	.061	.061	.126	.088	.084
	67	.130	.380	.330	.450	.322
SOUTH CAROLINA						
RICHLAND COUNTY						
SITE 01	66	.038	.028	.027	.027	.030
	67	.052	.025	.040	.025	.035
SOUTH DAKOTA						
BLACK HILLS NAT FOR						
SITE 01	66	.008	.015	.016	.010	.012
	67	.017	.016	.030	.080	.036
TEXAS						
MATAGORDA COUNTY						
SITE 01	66	.038	.116	.158	.032	.086
	67	.049	.082	.200	.150	.120
VERMONT						
ORANGE COUNTY						
SITE 01	66	.014	.018	.026	.014	.018
	67	.015	.023	.019	.019	.019
VIRGINIA						
SHENANDOAH NAT PK						
SITE 01	66	.163	.283	.208	.079	.183
	67	.057	.290	.200	.280	.207
WISCONSIN						
DOOR COUNTY						
SITE 01	67	.048	.028	.039	.013	.032
WYOMING						
YELLOWSTONE PARK						
SITE 01	66	.015	.011	.037	.024	.022
	67	.023	.046	.000	.028	.024

Table 7-15. IRON, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3 1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ALABAMA						
BIRMINGHAM						
SITE 01	66	3.8	4.9	5.8	4.7	4.8
GADSDEN						
SITE 01	66	1.0	1.3	1.8	1.0	1.3
HUNTSVILLE						
SITE 01	67	.4	.5	.7	.5	.5
MOBILE						
SITE 01	66	1.7	2.6	2.8	2.5	2.4
MONTGOMERY						
SITE 01	67	.6	.7	1.2	.7	.8
ALASKA						
ANCHORAGE						
SITE 02	66	.2	5.2	4.3	3.4	3.3
SITE 03	67	.3	3.4	1.9	.9	1.6
FAIRBANKS						
SITE 01	67	.3	2.3	6.7	3.4	3.2
ARIZONA						
MARICOPA COUNTY						
SITE 01	66	.4	.5	3.2	.6	1.2
	67	1.1	.5	1.9	.4	1.0
PHOENIX						
SITE 02	66	3.6	3.2	2.7	.4	2.5
	67	3.2	2.6	3.5	3.1	3.1
TUCSON						
SITE 01	66	1.0	1.2	.5	2.0	1.2
	67	1.0	1.2	.3	.8	.8
ARKANSAS						
LITTLE ROCK						
SITE 01	66	1.4	2.9	.5	.5	1.3
	67	.5	.9	1.4	.8	.9
WEST MEMPHIS						
SITE 01	66	1.2	1.6	1.6	.3	1.2
CALIFORNIA						
BURBANK						
SITE 02	66	1.8	1.6	3.9	1.4	2.2
GLENDALE						
SITE 01	67	1.2	.5	.7	.0	.6
LONG BEACH						
SITE 01	67	1.3	.9	1.4	.5	1.0
LOS ANGELES						
SITE 01	66	2.6	1.1	2.4	1.1	1.8
	67	1.9	.9	1.8	1.1	1.4
OAKLAND						
SITE 01	66	.9	1.2	1.1	1.3	1.1
	67	1.4	1.9	1.6	1.1	1.5
PASADENA						
SITE 01	66	1.2	1.0	3.1	1.1	1.6
SAN DIEGO						
SITE 01	66	.7	.4	.3	.9	.6
	67	.7	.5	.8	.3	.6
SAN FRANCISCO						
SITE 01	66	.7	.4	.7	1.1	.7
	67	.8	.3	.5	1.1	.7
COLORADO						
DENVER						
SITE 01	66	1.9	.9	1.4	1.8	1.5
CONNECTICUT						
HARTFORD						
SITE 01	66	1.8	.6	.4	1.9	1.2
NEW HAVEN						
SITE 01	66	.5	1.9	.7	.7	.9
	67	1.9	1.9	.7	.7	1.3
DELAWARE						
NEWARK						
SITE 01	66	1.0	2.1	3.4	1.1	1.9
	67	2.5	1.7	1.8	1.3	1.8
WILMINGTON						
SITE 01	66	.7	.7	.5	1.4	.8
	67	1.9	.8	2.0	1.3	1.5

Station location	Year	Concentration, µg/m3 1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
DISTRICT OF COLUMBIA						
WASHINGTON						
SITE 01	66	.5	.3	.6	.5	.5
	67	1.3	.8	1.9	.8	1.2
GEORGIA						
ATLANTA						
SITE 01	66	1.7	1.4	1.3	.4	1.2
	67	1.4	3.5	3.1	.9	2.2
HAWAII						
HONOLULU						
SITE 01	66	.4	.3	.3	.3	.3
	67	.3	.8	.5	.3	.5
IDAHO						
BOISE						
SITE 01	66	.7	.8	2.3	.5	1.1
	67	.6	.4	1.0	.2	.8
ILLINOIS						
CHICAGO						
SITE 01	66	2.0	1.9	3.7	2.0	2.4
	67	1.6	1.9	4.1	3.1	2.7
EAST ST LOUIS						
SITE 01	67	1.3	2.5	4.9	1.7	2.6
ROCKFORD						
SITE 01	67	1.1	.5	3.7	.5	1.4
SPRINGFIELD						
SITE 01	67	.8	.8	2.4	.3	1.1
INDIANA						
EAST CHICAGO						
SITE 01	66	2.6	4.7	3.7	5.2	4.0
	67	3.5	5.9	5.4	2.5	4.3
HAMMOND						
SITE 01	66	.7	4.8	3.4	.8	2.4
	67	2.1	6.4	4.6	1.8	3.7
INDIANAPOLIS						
SITE 01	66	.8	1.4	4.0	2.2	2.1
	67	1.7	2.2	2.5	1.2	1.9
MUNCIE						
SITE 01	66	.3	1.6	1.1	.6	.9
	67	.4	1.0	1.2	.5	.8
NEW ALBANY						
SITE 02	67	1.1	.8	1.0	1.1	1.0
SOUTH BEND						
SITE 01	66	1.0	1.1	1.4	1.2	1.4
	67	.6	1.9	2.4	.8	1.4
TERRE HAUTE						
SITE 01	67	1.5	1.6	3.1	.2	1.6
IOWA						
CEDAR RAPIDS						
SITE 01	67	1.2	2.5	1.9	.4	1.5
DAVENPORT						
SITE 01	66	.5	.6	1.8	.4	.8
DES MOINES						
SITE 01	66	1.6	1.1	2.5	.8	1.5
	67	1.9	3.0	3.8	.8	2.4
DUBUQUE						
SITE 01	66	1.0	1.1	2.9	1.8	1.7
	67	1.0	2.3	3.0	.5	1.7
KANSAS						
KANSAS CITY						
SITE 01	66	.7	.8	.8	.8	.8
TOPEKA						
SITE 01	67	1.4	1.1	1.5	.9	1.0
WICHITA						
SITE 01	66	1.0	1.1	1.4	1.5	1.2
	67	2.0	1.1	1.3	.3	1.2
KENTUCKY						
ASHLAND						
SITE 01	66	1.8	3.2	4.0	3.6	3.1
COVINGTON						
SITE 01	66	3.4	1.8	3.3	3.0	2.9
	67	.5	1.5	2.7	1.4	1.5

Table 7-15 (continued). IRON, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
KENTUCKY						
LEXINGTON						
SITE 01	67	.9	1.2	1.9	.3	1.1
LOUISVILLE						
SITE 01	66	1.2	2.7	1.8	3.0	2.2
	67	3.6	2.5	2.8	.6	2.4
LOUISIANA						
NEW ORLEANS						
SITE 02	66	.7	.3	.5	.5	.5
	67	.6	.6	1.1	.6	.7
MARYLAND						
BALTIMORE						
SITE 01	66	2.3	1.1	2.5	3.4	2.3
	67	2.2	2.3	1.5	.9	1.7
MICHIGAN						
DETROIT						
SITE 01	66	1.3	2.7	3.2	3.8	2.7
	67	3.5	3.3	3.7	2.2	3.2
FLINT						
SITE 01	67	.8	1.6	1.2	.3	1.0
GRAND RAPIDS						
SITE 01	67	1.0	1.4	1.8	.4	1.1
MINNESOTA						
DULUTH						
SITE 01	66	.2	1.4	.8	1.0	.8
MINNEAPOLIS						
SITE 01	66	.7	1.8	.7	.7	1.0
	67	1.4	.7	1.5	.4	1.0
MOORHEAD						
SITE 01	66	.0	.2	.3	.0	.1
ST PAUL						
SITE 01	66	.7	.6	1.1	.6	.7
	67	1.4	1.6	1.4	.7	1.3
MISSISSIPPI						
JACKSON						
SITE 01	66	.3	.4	.5	.4	.4
MISSOURI						
KANSAS CITY						
SITE 01	66	.6	.8	.5	.9	.7
	67	2.5	3.7	1.9	.4	2.1
ST LOUIS						
SITE 01	66	2.0	1.3	3.7	1.0	2.0
	67	2.9	3.1	1.3	.5	1.9
MONTANA						
HELENA						
SITE 01	66	.2	.0	.2	.3	.2
	67	1.1	.6	2.3	.0	1.0
NEBRASKA						
OMAHA						
SITE 01	66	.4	.9	.5	.7	.6
	67	1.3	2.0	2.1	.6	1.5
NEVADA						
LAS VEGAS						
SITE 01	66	.4	.4	.6	.5	.5
	67	1.0	1.3	.5	.3	.8
RENO						
SITE 01	67	4.5	2.0	3.9	1.1	2.9
NEW HAMPSHIRE						
CONCORD						
SITE 01	66	.0	.2	.7	.4	.3
	67	1.1	.6	.9	.3	.7
NEW JERSEY						
BAYONNE						
SITE 01	67	3.9	.8	2.0	5.4	3.0
BURLINGTON COUNTY						
SITE 02	66	1.1	.9	1.7	.3	1.0
	67	3.0	2.0	3.0	.4	2.3
CAMDEN						
SITE 01	66	1.1	.9	3.0	.9	1.7
GLASSBORO						
SITE 01	66	.4	.4	.8	.5	.5
	67	.8	1.0	.9	.0	.7

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
NEW JERSEY						
JERSEY CITY						
SITE 01	66	.5	.6	1.9	.8	.9
	67	1.7	3.7	1.7	.3	1.8
NEWARK						
SITE 01	66	1.0	.9	2.1	.6	1.1
	67	2.5	2.2	2.8	.2	1.9
PATERSON						
SITE 01	67	2.3	3.1	.8	.2	1.6
PERTH AMBOY						
SITE 01	66	.4	.9	2.5	.7	1.1
	67	2.9	1.0	3.2	.2	2.0
TRENTON						
SITE 01	66	.4	.4	.4	2.7	1.0
NEW MEXICO						
ALBUQUERQUE						
SITE 01	66	.4	.0	.3	1.1	.7
	67	3.3	1.9	1.2	.3	1.7
NEW YORK						
NEW YORK CITY						
SITE 01	66	.8	.7	1.3	.8	.9
	67	3.1	4.4	5.5	.5	3.4
NORTH CAROLINA						
CHARLOTTE						
SITE 01	66	.8	1.0	1.4	3.3	1.6
	67	1.1	.7	2.5	.3	1.1
OHIO						
AKRON						
SITE 01	66	1.8	2.8	4.1	3.7	3.1
	67	3.7	3.7	4.3	.5	3.0
CINCINNATI						
SITE 01	66	1.2	4.2	3.4	3.3	3.0
	67	3.3	1.5	3.9	3.2	3.0
CLEVELAND						
SITE 01	66	2.0	1.9	2.7	1.1	1.9
	67	3.9	.4	1.8	.9	1.7
COLUMBUS						
SITE 01	66	1.0	1.1	1.8	.9	1.2
	67	2.0	1.5	1.8	.2	1.4
DAYTON						
SITE 01	66	1.4	3.0	1.2	1.8	1.8
	67	3.4	3.5	3.8	2.9	3.4
TOLEDO						
SITE 01	66	.4	1.3	.8	.8	.8
	67	1.0	1.8	3.6	.2	1.4
YOUNGSTOWN						
SITE 01	66	.8	5.2	14.0	4.6	6.1
	67	5.5	7.4	5.8	2.1	5.2
OKLAHOMA						
OKLAHOMA CITY						
SITE 01	66	.9	.5	.5	.0	.5
	67	1.3	1.4	.3	.0	.7
TULSA						
SITE 01	66	.3	.3	.5	.3	.3
	67	.7	.4	.4	.0	.4
OREGON						
EUGENE						
SITE 01	67	.3	1.1	3.6	.0	1.2
MEDFORD						
SITE 01	67	.5	.6	1.7	.2	.7
PORTLAND						
SITE 01	66	.5	.6	1.2	.5	.7
	67	.9	2.3	3.1	.4	1.7
PENNSYLVANIA						
ALLENTOWN						
SITE 01	67	.8	3.8	2.9	.2	1.9
ALTOONA						
SITE 01	67	1.9	3.4	4.7	.6	2.6
BETHLEHEM						
SITE 01	67	2.8	4.4	1.8	1.0	2.5

Table 7-15 (continued). IRON, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
PENNSYLVANIA						
LANCASTER						
SITE 01	66	1.3	.4	2.3	1.3	1.3
	67	3.7	.9	.7	.4	1.4
PHILADELPHIA						
SITE 01	66	1.5	1.2	1.6	1.0	1.3
	67	3.1	3.5	1.2	.7	2.1
PITTSBURGH						
SITE 01	66	1.9	1.9	3.5	1.7	2.2
	67	3.7	6.2	3.7	2.8	4.1
READING						
SITE 01	66	1.7	1.6	1.1	3.8	2.0
	67	2.3	.8	.9	.7	1.2
WARMINSTER						
SITE 01	66	1.9	1.8	1.5	.3	1.4
	67	2.0	1.5	.6	.9	1.2
WEST CHESTER						
SITE 01	67	1.8	2.5	.3	.3	1.2
YORK						
SITE 01	67	2.9	1.5	.9	.5	1.4
PUERTO RICO						
BAYAMON						
SITE 01	66	.7	.4	.9	.2	.5
	67	3.2	.8	.6	.0	1.1
CATANO						
SITE 01	66	1.7	.7	1.2	.3	1.0
	67	1.6	.7	.6	.2	.8
GUAYANILLA						
SITE 01	66	.0	.0	.4	.0	.1
	67	.2	.5	.3	.0	.2
PONCE						
SITE 01	66	1.9	.9	1.1	1.8	1.4
	67	2.7	1.2	1.7	.7	1.6
RHODE ISLAND						
EAST PROVIDENCE						
SITE 01	67	.7	.7	.4	.0	.4
PROVIDENCE						
SITE 01	66	1.3	1.5	.6	.8	1.0
	67	.7	1.0	.4	.3	.6
SOUTH CAROLINA						
COLUMBIA						
SITE 01	67	1.3	1.0	.5	.5	.8
GREENVILLE						
SITE 01	66	2.2	.6	.9	.5	1.0
SOUTH DAKOTA						
SIOUX FALLS						
SITE 01	66	.7	.8	.7	1.0	.8
TENNESSEE						
CHATTANOOGA						
SITE 01	66	1.2	.9	1.6	2.4	1.5
	67	2.9	.8	1.5	1.4	1.6
KNOXVILLE						
SITE 01	67	1.1	.9	.6	.2	.7
MEMPHIS						
SITE 01	66	.6	.5	.3	.6	.5
	67	.3	.7	.3	.5	.4
NASHVILLE						
SITE 01	66	.5	.8	.8	1.2	.8
	67	1.7	3.1	.6	.4	1.4

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
TEXAS						
DALLAS						
SITE 01	66	2.4	1.4	.7	.7	1.3
HOUSTON						
SITE 01	66	1.0	.7	1.1	.7	.9
	67	1.0	.4	1.2	.4	1.0
PASADENA						
SITE 01	67	.7	.6	.4	.0	.4
SAN ANTONIO						
SITE 01	66	.3	.7	.7	.4	.5
	67	.5	1.0	.4	.2	.5
UTAH						
OGDEN						
SITE 01	66	1.3	.3	.8	.6	.7
SALT LAKE CITY						
SITE 01	66	.3	.6	1.0	.7	.9
	67	1.8	1.5	.4	.3	1.0
VERMONT						
BURLINGTON						
SITE 01	66	.6	1.2	1.0	.3	.8
VIRGINIA						
DANVILLE						
SITE 01	66	2.2	.2	1.4	.4	1.0
HAMPTON						
SITE 01	67	1.1	.9	.8	.0	.7
LYNCHBURG						
SITE 01	67	.8	.8	.8	.5	.7
NORFOLK						
SITE 01	66	.2	.5	.3	.7	.4
	67	.8	1.2	.6	.4	.7
PORTSMOUTH						
SITE 01	67	.5	1.8	1.4	.0	.9
RICHMOND						
SITE 01	67	.7	.8	.5	.2	.5
ROANOKE						
SITE 01	67	2.1	1.0	1.9	.5	1.4
WASHINGTON						
SEATTLE						
SITE 01	66	.8	.5	.6	.9	.7
	67	.9	.5	.5	.2	.5
WEST VIRGINIA						
CHARLESTON						
SITE 01	66	1.4	1.1	1.0	.8	1.1
	67	1.8	1.8	1.7	.3	1.4
WISCONSIN						
KENOSHA						
SITE 01	67	1.1	.7	1.0	.7	.9
MADISON						
SITE 01	67	.9	.4	.4	.3	.5
MILWAUKEE						
SITE 01	66	.9	.7	4.3	1.7	1.9
	67	.9	4.9	1.7	1.7	2.3
WYOMING						
CASPER						
SITE 01	67	.4	.9	.3	.2	.4
CHEYENNE						
SITE 01	66	.2	.2	.2	.0	.1
	67	.3	.3	.2	.0	.2

Table 7-16. IRON, NONURBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ARIZONA						
GRAND CANYON NAT PK						
SITE 01	66	.14	.99	.37	.47	.49
	67	.00	.11	.08	.09	.07
ARKANSAS						
MONTGOMERY COUNTY						
SITE 01	66	.67	.30	.32	.45	.43
	67	.00	.17	.00	.17	.08
CALIFORNIA						
HUMBOLDT COUNTY						
SITE 01	66	.33	.00	.42	.30	.26
	67	.00	.07	.18	.16	.10
COLORADO						
MESA VERDE NAT PK						
SITE 01	66	.15	.30	.22	.23	.22
	67	.00	.14	.00	.07	.05
DELAWARE						
KENT COUNTY						
SITE 01	66	1.21	.27	.73	1.16	.84
	67	.47	.27	.12	.56	.35
IDAHO						
BUTTE COUNTY						
SITE 01	67	.00	.05	.24	.00	.07
INDIANA						
MONROE COUNTY						
SITE 01	66	.49	.33	.27	.73	.45
	67	.15	.27	.30	.25	.24
PARKE COUNTY						
SITE 01	66	.60	.46	.28	.97	.58
	67	.20	.28	.28	.23	.25
MAINE						
ACADIA NAT PK						
SITE 01	66	.16	.05	.23	.13	.14
	67	.16	.06	.14	.25	.15
MARYLAND						
CALVERT COUNTY						
SITE 01	66	.59	.62	.48	.24	.48
	67	2.00	.16	.12	.39	.67
MISSISSIPPI						
JACKSON COUNTY						
SITE 01	66	1.63	.61	.55	.23	.76
	67	.05	.00	.28	.11	.11
MISSOURI						
SHANNON COUNTY						
SITE 01	66	.20	.25	.43	.21	.27
	67	.07	.30	.14	.14	.16
MONTANA						
GLACIER NAT PK						
SITE 01	66	.00	.27	.46	.00	.18
	67	.00	.00	.24	.00	.06
NEBRASKA						
THOMAS COUNTY						
SITE 01	66	.00	.22	.40	.17	.20
	67	.00	.20	.00	.11	.08
NEVADA						
WHITE PINE COUNTY						
SITE 01	66	.05	.33	.21	.20	.20
	67	.13	.00	.00	.00	.03
NEW HAMPSHIRE						
COOS COUNTY						
SITE 01	66	.00	.44	.77	.57	.44
	67	.06	.00	.12	.16	.08

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
NEW MEXICO						
RIO ARRIBA COUNTY						
SITE 01	66	.64	.89	.49	.51	.63
	67	.41	.13	.00	.11	.16
NEW YORK						
JEFFERSON COUNTY						
SITE 01	66	.48	.40	1.12	.40	.60
	67	.28	.43	.25	.52	.37
NORTH CAROLINA						
CAPE HATTERAS						
SITE 01	66	.46	.24	.23	.66	.40
	67	.07	.16	.15	.10	.12
OKLAHOMA						
CHEROKEE COUNTY						
SITE 01	66	.66	.32	.81	.85	.66
	67	.10	.22	.18	.13	.16
OREGON						
CURRY COUNTY						
SITE 01	66	.50	.20	.40	.20	.32
	67	.08	.08	.12	.08	.09
PENNSYLVANIA						
CLARION COUNTY						
SITE 01	66	.66	.40	.89	.68	.66
	67	1.30	1.70	1.60	1.20	1.45
RHODE ISLAND						
WASHINGTON COUNTY						
SITE 01	66	.51	.81	.52	.23	.52
	67	.10	.26	.65	.16	.29
SOUTH CAROLINA						
RICHLAND COUNTY						
SITE 01	66	.38	.28	.08	.23	.24
	67	.38	.87	.11	.26	.40
SOUTH DAKOTA						
BLACK HILLS NAT FOR						
SITE 01	66	.00	.00	.00	.00	.00
	67	.08	.00	.14	.52	.18
TEXAS						
MATAGORDA COUNTY						
SITE 01	66	.19	.22	.21	.00	.15
	67	.00	.05	.00	.00	.01
VERMONT						
ORANGE COUNTY						
SITE 01	66	.33	1.16	1.04	.28	.70
	67	.31	1.00	.45	.28	.51
VIRGINIA						
SHENANDOAH NAT PK						
SITE 01	66	.34	.62	.78	.47	.55
	67	.19	.16	.00	.38	.18
WISCONSIN						
DOOR COUNTY						
SITE 01	67	.27	.61	.34	.00	.30
WYOMING						
YELLOWSTONE PARK						
SITE 01	66	.00	.06	.39	.00	.11
	67	.11	.00	.13	.00	.06

Table 7-17. LEAD, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ALABAMA						
BIRMINGHAM						
SITE 01	66	1.3	1.0	2.2	2.6	1.8
GADSDEN						
SITE 01	66	.8	.6	.7	.9	.7
HUNTSVILLE						
SITE 01	67	.6	.6	.8	1.3	.8
MOBILE						
SITE 01	66	.8	.8	1.3	3.6	1.6
MONTGOMERY						
SITE 01	67	.7	.5	.4	.7	.6
ALASKA						
ANCHORAGE						
SITE 02	66	1.0	.4	.6	.8	.7
SITE 03	67	1.2	.6	.4	.8	.7
FAIRBANKS						
SITE 01	67	2.9	1.6	1.6	2.4	2.1
ARIZONA						
MARICOPA COUNTY						
SITE 01	66	.1	.2	.2	.2	.2
	67	.5	.1	.2	.3	.3
PHOENIX						
SITE 02	66	2.5	1.1	1.0	8.1	3.2
	67	3.0	1.3	1.3	1.3	1.9
TUCSON						
SITE 01	66	.8	.6	.7	1.3	.8
	67	.7	.7	.5	1.0	.7
ARKANSAS						
LITTLE ROCK						
SITE 01	66	.0	1.2	1.0	1.2	.8
	67	.9	1.1	2.4	1.3	1.4
WEST MEMPHIS						
SITE 01	66	.6	.8	.8	.4	.6
CALIFORNIA						
BURBANK						
SITE 02	66	3.2	2.1	3.4	6.0	3.7
GLENDALE						
SITE 01	67	4.2	2.9	3.2	.8	2.8
LONG BEACH						
SITE 01	67	4.6	1.5	3.0	1.4	2.6
LOS ANGELES						
SITE 01	66	11.0	2.0	3.6	3.6	5.0
	67	3.6	1.7	1.7	5.4	3.1
OAKLAND						
SITE 01	66	2.9	1.1	1.2	5.0	2.5
	67	2.9	1.7	1.5	2.2	2.1
PASADENA						
SITE 01	66	4.3	2.1	4.0	4.1	3.6
SAN DIEGO						
SITE 01	66	1.9	.5	.7	1.1	1.0
	67	2.1	1.5	1.1	2.6	1.8
SAN FRANCISCO						
SITE 01	66	2.0	.9	2.3	3.0	2.0
	67	2.3	1.2	.7	3.7	2.0
COLORADO						
DENVER						
SITE 01	66	1.5	.7	1.1	1.0	1.1
CONNECTICUT						
HARTFORD						
SITE 01	66	1.5	.8	1.1	2.2	1.4
NEW HAVEN						
SITE 01	66	1.1	1.1	.9	1.6	1.2
	67	1.3	1.1	.8	1.9	1.0
DELAWARE						
NEWARK						
SITE 01	66	.7	.5	.6	.9	.7
	67	1.1	.5	.7	.8	.8
WILMINGTON						
SITE 01	66	.9	.8	.6	1.4	.9
	67	1.6	.7	1.6	.8	1.2

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
DISTRICT OF COLUMBIA						
WASHINGTON						
SITE 01	66	.6	.5	.7	.8	.6
	67	1.0	1.0	1.3	.6	1.0
GEORGIA						
ATLANTA						
SITE 01	66	1.4	1.1	1.3	.7	1.1
	67	1.3	1.5	2.2	1.8	1.7
HAWAII						
HONOLULU						
SITE 01	66	.8	.5	.3	.8	.6
	67	.8	1.0	.8	.8	.8
IDAHO						
BOISE						
SITE 01	66	.5	.4	1.0	.8	.7
	67	.5	.9	1.0	.9	.6
ILLINOIS						
CHICAGO						
SITE 01	66	1.4	1.2	2.1	2.0	1.6
	67	1.2	1.1	1.4	1.0	1.2
EAST ST LOUIS						
SITE 01	67	.6	1.0	2.1	1.2	1.2
ROCKFORD						
SITE 01	67	.9	.7	1.5	.6	.9
SPRINGFIELD						
SITE 01	67	.4	.9	.9	.8	.7
INDIANA						
EAST CHICAGO						
SITE 01	66	.9	.9	1.1	1.2	1.0
	67	1.4	1.0	1.7	.8	1.2
HAMMOND						
SITE 01	66	.7	.9	1.1	.5	.8
	67	1.4	1.4	1.3	.9	1.2
INDIANAPOLIS						
SITE 01	66	.9	1.4	2.2	2.0	1.6
	67	1.5	1.6	1.7	1.3	1.5
MUNCIE						
SITE 01	66	.8	1.9	2.0	.9	1.4
	67	1.0	1.3	1.3	1.1	1.2
NEW ALBANY						
SITE 02	67	.7	.6	.7	.8	.7
SOUTH BEND						
SITE 01	66	.8	.7	.8	1.0	.8
	67	.8	1.2	1.2	.9	1.0
TERRE HAUTE						
SITE 01	67	.9	1.0	1.0	.3	.8
IOWA						
CEDAR RAPIDS						
SITE 01	67	.6	.7	.8	.5	.6
DAVENPORT						
SITE 01	66	.5	.4	.9	.6	.6
DES MOINES						
SITE 01	66	.7	.5	.7	.3	.5
	67	1.1	.7	.5	.5	.7
DUBUQUE						
SITE 01	66	.6	.8	.9	.5	.7
	67	.7	.9	.8	.5	.7
KANSAS						
KANSAS CITY						
SITE 01	66	.5	.5	.4	.4	.4
TOPEKA						
SITE 01	67	.6	.6	.5	.2	.5
WICHITA						
SITE 01	66	.7	.5	.8	1.4	.8
	67	.8	.5	.8	.9	.7
KENTUCKY						
ASHLAND						
SITE 01	66	.6	.7	1.0	2.1	1.1
COVINGTON						
SITE 01	66	.8	.7	1.8	1.2	1.1
	67	.9	1.0	1.0	.8	.9

Table 7-17 (continued). LEAD, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m³ 1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
KENTUCKY						
LEXINGTON						
SITE 01	67	1.0	1.2	1.2	.5	1.0
LOUISVILLE						
SITE 01	66	.8	1.0	1.3	1.5	1.1
	67	2.0	2.4	2.2	.9	1.9
LOUISIANA						
NEW ORLEANS						
SITE 02	66	.7	.6	.8	1.2	.8
	67	1.2	1.3	1.5	.7	1.2
MARYLAND						
BALTIMORE						
SITE 01	66	1.3	.9	1.3	3.1	1.6
	67	2.1	2.7	.8	1.3	1.7
MICHIGAN						
DETROIT						
SITE 01	66	.7	1.2	1.5	1.2	1.1
	67	2.5	3.0	3.2	1.0	2.4
FLINT						
SITE 01	67	1.5	1.2	1.0	.5	1.0
GRAND RAPIDS						
SITE 01	67	1.9	1.7	2.0	.9	1.6
MINNESOTA						
DULUTH						
SITE 01	66	.2	.3	.4	.5	.3
MINNEAPOLIS						
SITE 01	66	.4	.7	.4	.7	.5
	67	1.0	.4	1.3	.6	.8
MOORHEAD						
SITE 01	66	.3	.2	.2	.4	.3
ST PAUL						
SITE 01	66	.8	.5	.9	.7	.7
	67	2.3	.8	1.3	1.1	1.4
MISSISSIPPI						
JACKSON						
SITE 01	66	.4	.4	.6	.8	.5
MISSOURI						
KANSAS CITY						
SITE 01	66	.7	.5	.6	.7	.6
	67	1.4	2.6	1.4	1.0	1.6
ST LOUIS						
SITE 01	66	1.3	.6	1.3	.6	.9
	67	1.6	1.6	1.3	.8	1.3
MONTANA						
HELENA						
SITE 01	66	.4	.1	.1	.4	.2
	67	.8	.3	.5	.2	.4
NEBRASKA						
OMAHA						
SITE 01	66	.5	1.1	.5	2.4	1.1
	67	2.5	5.9	1.5	1.2	2.8
NEVADA						
LAS VEGAS						
SITE 01	66	.9	.5	.7	.9	.7
	67	2.9	1.4	.9	.8	1.5
RENO						
SITE 01	67	3.3	1.3	1.6	1.1	1.8
NEW HAMPSHIRE						
CONCORD						
SITE 01	66	.3	.2	.6	1.1	.5
	67	1.7	.7	.6	.6	.9
NEW JERSEY						
BAYONNE						
SITE 01	67	2.6	.9	1.4	.9	1.4
BURLINGTON COUNTY						
SITE 02	66	1.2	.7	1.4	.6	1.0
	67	2.6	2.3	2.8	.6	2.1
CAMDEN						
SITE 01	66	.8	.4	1.1	1.1	.8
GLASSBORO						
SITE 01	66	.4	.3	.5	.6	.4
	67	.8	.8	.6	.4	.6

Station location	Year	Concentration, µg/m³ 1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
NEW JERSEY						
JERSEY CITY						
SITE 01	66	.9	.5	1.4	1.0	.9
	67	1.8	2.6	1.2	.6	1.5
NEWARK						
SITE 01	66	1.4	.7	.3	1.1	.9
	67	3.2	2.3	1.3	.7	1.9
PATERSON						
SITE 01	67	2.3	2.0	1.3	.7	1.6
PERTH AMBOY						
SITE 01	66	.6	.8	1.1	1.0	.9
	67	2.5	1.4	2.5	.5	1.7
TRENTON						
SITE 01	66	.6	.3	.6	1.5	.7
NEW MEXICO						
ALBUQUERQUE						
SITE 01	66	.4	.3	.3	1.2	.5
	67	3.2	1.3	.8	.4	1.4
NEW YORK						
NEW YORK CITY						
SITE 01	66	.7	.7	.9	1.1	.8
	67	1.8	2.8	2.2	.8	1.9
NORTH CAROLINA						
CHARLOTTE						
SITE 01	66	.7	.7	.9	1.9	1.0
	67	1.4	1.0	2.9	.9	1.5
OHIO						
AKRON						
SITE 01	66	1.2	1.0	1.3	1.4	1.2
	67	1.8	1.4	2.2	.4	1.4
CINCINNATI						
SITE 01	66	.9	2.2	1.3	2.3	1.6
	67	1.2	.9	1.9	.8	1.2
CLEVELAND						
SITE 01	66	1.2	.8	1.8	.8	1.1
	67	1.3	2.4	1.2	.6	1.4
COLUMBUS						
SITE 01	66	.9	1.0	1.9	.9	1.2
	67	1.2	1.2	1.1	.4	1.0
DAYTON						
SITE 01	66	1.2	1.3	.9	1.0	1.1
	67	1.9	.5	2.2	1.2	1.3
TOLEDO						
SITE 01	66	.6	.7	.6	.9	.7
	67	1.1	1.2	1.1	.4	.9
YOUNGSTOWN						
SITE 01	66	.8	1.1	1.8	.7	1.1
	67	1.6	1.4	1.1	.8	1.2
OKLAHOMA						
OKLAHOMA CITY						
SITE 01	66	1.2	.4	.7	.4	.7
	67	2.2	1.3	.6	.3	1.1
TULSA						
SITE 01	66	.3	.3	.4	.7	.4
	67	1.0	.8	.4	.0	.5
OREGON						
EUGENE						
SITE 01	67	1.3	1.1	1.9	.6	1.2
MEDFORD						
SITE 01	67	.7	.6	.4	.5	.5
PORTLAND						
SITE 01	66	.8	.6	.8	1.5	.9
	67	1.9	1.8	1.5	.9	1.3
PENNSYLVANIA						
ALLENTOWN						
SITE 01	67	.9	1.6	1.2	.3	1.0
ALTOONA						
SITE 01	67	.7	1.0	1.1	.4	.8
BETHLEHEM						
SITE 01	67	1.8	1.0	1.0	.3	1.0

Table 7-17 (continued). LEAD, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
PENNSYLVANIA						
LANCASTER						
SITE 01	66	1.6	.5	1.6	2.8	1.6
	67	2.1	1.2	.9	.6	1.2
PHILADELPHIA						
SITE 01	66	1.3	1.1	1.2	1.3	1.2
	67	3.6	2.0	1.2	.8	1.9
PITTSBURGH						
SITE 01	66	.8	.5	1.2	.6	.8
	67	1.7	2.2	1.2	.8	1.5
READING						
SITE 01	66	1.1	.7	.8	3.2	1.4
	67	1.6	1.1	.9	.9	1.1
WARMINSTER						
SITE 01	66	.6	.6	.6	.5	.6
	67	1.2	.7	.8	.7	.8
WEST CHESTER						
SITE 01	67	1.8	.8	.3	.6	.9
YORK						
SITE 01	67	1.5	.9	.9	.8	1.0
PUERTO RICO						
BAYAMON						
SITE 01	66	.3	.2	.3	.3	.3
	67	.8	.4	.3	.3	.4
CATANO						
SITE 01	66	.7	.4	.4	.3	.4
	67	.7	.2	.8	.3	.5
GUAYANILLA						
SITE 01	66	.0	.0	.1	.0	.0
	67	.0	.0	.0	.0	.0
PONCE						
SITE 01	66	.8	.6	.5	.7	.6
	67	.9	.5	.5	.3	.5
RHODE ISLAND						
EAST PROVIDENCE						
SITE 01	67	1.4	.9	.8	.4	.9
PROVIDENCE						
SITE 01	66	1.4	1.3	1.1	1.7	1.4
	67	3.1	1.2	1.0	.8	1.5
SOUTH CAROLINA						
COLUMBIA						
SITE 01	67	1.2	1.1	.7	.7	.9
GREENVILLE						
SITE 01	66	2.1	.9	1.3	1.2	1.4
SOUTH DAKOTA						
SIOUX FALLS						
SITE 01	66	.5	.5	.4	.6	.5
TENNESSEE						
CHATTANOOGA						
SITE 01	66	.9	.5	.7	1.4	.9
	67	1.4	1.1	.8	.9	1.0
KNOXVILLE						
SITE 01	67	1.3	2.0	.9	.6	1.2
MEMPHIS						
SITE 01	66	.8	.6	.6	1.5	.9
	67	1.0	1.3	.6	.8	.9
NASHVILLE						
SITE 01	66	.5	.7	.6	.9	.7
	67	.9	1.5	.7	.6	.9

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
TEXAS						
DALLAS						
SITE 01	66	3.5	3.5	1.4	1.1	2.4
HOUSTON						
SITE 01	66	1.2	1.2	1.4	2.4	1.5
	67	3.4	1.3	1.3	.7	1.7
PASADENA						
SITE 01	67	1.2	.9	1.0	.3	.8
SAN ANTONIO						
SITE 01	66	.9	.7	1.0	1.1	.9
	67	1.0	.8	.7	.6	1.0
UTAH						
OGDEN						
SITE 01	66	.9	.3	.8	1.0	.7
SALT LAKE CITY						
SITE 01	66	.5	.5	1.0	2.1	1.0
	67	1.3	.8	1.0	.8	1.0
VERMONT						
BURLINGTON						
SITE 01	66	.7	.7	.8	.4	.6
VIRGINIA						
DANVILLE						
SITE 01	66	.9	.3	.7	.8	.7
HAMPTON						
SITE 01	67	.7	.5	.6	.4	.5
LYNCHBURG						
SITE 01	67	1.2	1.3	.8	.7	1.0
NORFOLK						
SITE 01	66	.3	.4	.5	.6	.4
	67	.5	.5	.5	.6	.5
PORTSMOUTH						
SITE 01	67	.6	.6	.5	.2	.5
RICHMOND						
SITE 01	67	.8	1.1	.8	.7	.8
ROANOKE						
SITE 01	67	1.3	.9	1.2	.5	1.0
WASHINGTON						
SEATTLE						
SITE 01	66	1.8	1.3	1.0	2.3	1.6
	67	1.4	1.3	1.1	.8	1.1
WEST VIRGINIA						
CHARLESTON						
SITE 01	66	1.1	.5	.5	.7	.7
	67	.9	1.1	.8	.6	.8
WISCONSIN						
KENOSHA						
SITE 01	67	.8	.7	.7	.8	.7
MADISON						
SITE 01	67	1.1	.7	.7	.7	.8
MILWAUKEE						
SITE 01	66	.6	.4	1.9	1.2	1.0
	67	.8	1.6	1.0	.8	1.0
WYOMING						
CASPER						
SITE 01	67	.1	.4	.2	.3	.2
CHEYENNE						
SITE 01	66	.2	.1	.1	.2	.1
	67	.2	.2	.2	.1	.2

Table 7-18. LEAD, NONURBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3 1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ARIZONA						
GRAND CANYON NAT PK						
SITE 01	66	.06	.17	.35	.20	.19
	67	.05	.10	.00	.04	.05
ARKANSAS						
MONTGOMERY COUNTY						
SITE 01	66	.05	.04	.04	.06	.05
	67	.03	.04	.00	.07	.03
CALIFORNIA						
HUMBOLDT COUNTY						
SITE 01	66	.03	.03	.06	.10	.05
	67	.08	.05	.08	.24	.11
COLORADO						
MESA VERDE NAT PK						
SITE 01	66	.00	.00	.03	.03	.01
	67	.00	.00	.00	.00	.00
DELAWARE						
KENT COUNTY						
SITE 01	66	.24	.09	.23	.42	.24
	67	.11	.06	.10	.21	.12
IDAHO						
BLYTE COUNTY						
SITE 01	67	.00	.00	.00	.00	.00
INDIANA						
MONROE COUNTY						
SITE 01	66	.18	.09	.09	.18	.13
	67	.03	.06	.10	.10	.07
PARKE COUNTY						
SITE 01	66	.13	.10	.15	.11	.12
	67	.03	.05	.07	.10	.06
MAINE						
ACADIA NAT PK						
SITE 01	66	.04	.04	.07	.12	.07
	67	.15	.17	.40	.04	.19
MARYLAND						
CALVERT COUNTY						
SITE 01	66	.18	.09	.13	.22	.15
	67	.82	.33	.30	.30	.44
MISSISSIPPI						
JACKSON COUNTY						
SITE 01	66	.08	.08	.06	.09	.08
	67	.17	.09	.21	.10	.14
MISSOURI						
SHANNON COUNTY						
SITE 01	66	.04	.00	.04	.07	.04
	67	.09	.22	.15	.04	.12
MONTANA						
GLACIER NAT PK						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.03	.00	.01
NEBRASKA						
THOMAS COUNTY						
SITE 01	66	.00	.00	.03	.00	.01
	67	.00	.00	.00	.00	.00
NEVADA						
WHITE PINE COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
NEW HAMPSHIRE						
COOS COUNTY						
SITE 01	66	.03	.05	.04	.11	.06
	67	.04	.00	.07	.07	.04

Station location	Year	Concentration, µg/m3 1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
NEW MEXICO						
RIO ARRIBA COUNTY						
SITE 01	66	.00	.00	.00	.03	.01
	67	.00	.00	.00	.04	.01
NEW YORK						
JEFFERSON COUNTY						
SITE 01	66	.17	.06	.17	.14	.13
	67	.10	.11	.09	.17	.12
NORTH CAROLINA						
CAPE HATTERAS						
SITE 01	66	.06	.04	.08	.08	.06
	67	.03	.03	.06	.08	.05
OKLAHOMA						
CHEROKEE COUNTY						
SITE 01	66	.11	.04	.09	.07	.08
	67	.07	.04	.06	.07	.06
OREGON						
CURRY COUNTY						
SITE 01	66	.02	.02	.05	.03	.03
	67	.00	.00	.00	.25	.06
PENNSYLVANIA						
CLARION COUNTY						
SITE 01	66	.10	.07	.08	.13	.09
	67	.18	.11	.19	.22	.17
RHODE ISLAND						
WASHINGTON COUNTY						
SITE 01	66	.30	.12	.16	.20	.19
	67	.25	.19	.40	.21	.26
SOUTH CAROLINA						
RICHLAND COUNTY						
SITE 01	66	.16	.09	.06	.06	.09
	67	.15	.08	.05	.20	.12
SOUTH DAKOTA						
BLACK HILLS NAT FOR						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.05	.01
TEXAS						
MATAGORDA COUNTY						
SITE 01	66	.10	.03	.00	.03	.04
	67	.03	.00	.04	.03	.02
VERMONT						
ORANGE COUNTY						
SITE 01	66	.12	.05	.08	.14	.10
	67	.19	.19	.09	.19	.16
VIRGINIA						
SHENANDOAH NAT PK						
SITE 01	66	.09	.10	.10	.15	.11
	67	.10	.12	.09	.23	.13
WISCONSIN						
DOOR COUNTY						
SITE 01	67	.03	.08	.12	.07	.07
WYOMING						
YELLOWSTONE PARK						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00

Table 7-19. LEAD, STATE OF GEORGIA DATA

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
GEORGIA						
ALBANY						
SITE 01	67	1.4	.6	.3	1.2	.9
AUGUSTA						
SITE 01	67	1.5	.8	.6	1.4	1.0
BRUNSWICK						
SITE 01	67	.5	.3	.3	.6	.4
COLUMBUS						
SITE 01	67	.9	.6	.5	.8	.7
GAINESVILLE						
SITE 01	67	.8	.3	.4	.7	.5
LYONS						
SITE 01	67	.6	.3	.3	.5	.4
MACON						
SITE 01	67	1.9	1.7	.7	1.6	1.5
ROME						
SITE 01	67	.7	.6	.6	1.0	.7
ROSSVILLE						
SITE 01	67	1.0	.6	1.0	1.0	.9
SAVANNAH						
SITE 01	67	.9	.6	.5	1.0	.7
VALDOSTA						
SITE 01	67	1.1	.8	.7	1.2	.9

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg

Table 7-20. MANGANESE, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ALABAMA						
BIRMINGHAM						
SITE 01	66	.26	.03	.29	.72	.32
GADSDEN						
SITE 01	66	.05	.05	.08	.05	.06
HUNTSVILLE						
SITE 01	67	.03	.03	.05	.06	.04
MOBILE						
SITE 01	66	.05	.06	.04	.08	.06
MONTGOMERY						
SITE 01	67	.02	.02	.08	.04	.04
ALASKA						
ANCHORAGE						
SITE 02	66	.10	.09	.12	.10	.08
SITE 03	67	.00	.09	.04	.03	.04
FAIRBANKS						
SITE 01	67	.00	.05	.09	.04	.04
ARIZONA						
MARICOPA COUNTY						
SITE 01	66	.01	.03	.07	.02	.03
	67	.04	.02	.05	.02	.03
PHOENIX						
SITE 02	66	.05	.07	.05	.13	.08
	67	.08	.06	.07	.06	.07
TUCSON						
SITE 01	66	.03	.04	.01	.05	.03
	67	.03	.03	.01	.03	.02
ARKANSAS						
LITTLE ROCK						
SITE 01	66	.00	.09	.03	.03	.04
	67	.02	.02	.05	.03	.03
WEST MEMPHIS						
SITE 01	66	.10	.08	.08	.02	.07
CALIFORNIA						
BURBANK						
SITE 02	66	.03	.02	.05	.03	.03
GLENDALE						
SITE 01	67	.02	.02	.02	.00	.01
LONG BEACH						
SITE 01	67	.04	.02	.03	.01	.02
LOS ANGELES						
SITE 01	66	.06	.02	.05	.03	.04
	67	.03	.02	.05	.03	.03
OAKLAND						
SITE 01	66	.03	.04	.02	.03	.03
	67	.05	.03	.04	.02	.03
PASADENA						
SITE 01	66	.03	.03	.05	.02	.03
SAN DIEGO						
SITE 01	66	.02	.01	.00	.01	.01
	67	.01	.00	.02	.01	.01
SAN FRANCISCO						
SITE 01	66	.02	.00	.02	.05	.02
	67	.02	.00	.01	.03	.01
COLORADO						
DENVER						
SITE 01	66	.05	.03	.05	.04	.04
CONNECTICUT						
HARTFORD						
SITE 01	66	.06	.02	.02	.05	.04
NEW HAVEN						
SITE 01	66	.03	.03	.02	.02	.02
	67	.06	.03	.01	.01	.03
DELAWARE						
NEWARK						
SITE 01	66	.06	.06	.13	.06	.08
	67	.07	.04	.05	.04	.05
WILMINGTON						
SITE 01	66	.03	.03	.03	.08	.04
	67	.10	.02	.04	.05	.05

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
DISTRICT OF COLUMBIA						
WASHINGTON						
SITE 01	66	.01	.01	.02	.02	.01
	67	.05	.02	.06	.05	.04
GEORGIA						
ATLANTA						
SITE 01	66	.07	.08	.05	.03	.06
	67	.06	.14	.11	.14	.09
HAWAII						
HONOLULU						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.01	.01	.00	.00
IDAHO						
BOISE						
SITE 01	66	.02	.02	.06	.01	.03
	67	.02	.01	.05	.00	.02
ILLINOIS						
CHICAGO						
SITE 01	66	.08	.06	.13	.07	.08
	67	.06	.04	.12	.10	.08
EAST ST LOUIS						
SITE 01	67	.03	.05	.10	.06	.06
ROCKFORD						
SITE 01	67	.06	.05	.13	.11	.09
SPRINGFIELD						
SITE 01	67	.03	.04	.05	.03	.04
INDIANA						
EAST CHICAGO						
SITE 01	66	.10	.12	.13	.12	.12
	67	.13	.14	.24	.09	.15
HAMMOND						
SITE 01	66	.05	.12	.13	.05	.09
	67	.14	.23	.19	.09	.16
INDIANAPOLIS						
SITE 01	66	.05	.05	.08	.09	.07
	67	.06	.11	.07	.07	.08
MUNCIE						
SITE 01	66	.02	.07	.06	.04	.05
	67	.05	.04	.04	.06	.05
NEW ALBANY						
SITE 02	67	.06	.03	.04	.06	.05
SOUTH BEND						
SITE 01	66	.10	.05	.06	.09	.07
	67	.02	.16	.09	.09	.09
TERRE HAUTE						
SITE 01	67	.04	.06	.05	.02	.04
IOWA						
CEDAR RAPIDS						
SITE 01	67	.05	.09	.06	.04	.06
DAVENPORT						
SITE 01	66	.03	.02	.10	.02	.04
DES MOINES						
SITE 01	66	.04	.05	.07	.03	.05
	67	.05	.07	.09	.05	.06
DUBUQUE						
SITE 01	66	.02	.04	.06	.03	.04
	67	.05	.08	.08	.02	.06
KANSAS						
KANSAS CITY						
SITE 01	66	.03	.02	.01	.02	.02
TOPEKA						
SITE 01	67	.04	.03	.06	.00	.03
WICHITA						
SITE 01	66	.02	.05	.05	.03	.04
	67	.04	.04	.04	.01	.03
KENTUCKY						
ASHLAND						
SITE 01	66	.11	.08	.19	.29	.17
COVINGTON						
SITE 01	66	.22	.10	.43	.18	.23
	67	.02	.06	.19	.13	.10

Table 7-20 (continued). MANGANESE, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
KENTUCKY						
LEXINGTON						
SITE 01	67	.07	.06	.06	.05	.06
LOUISVILLE						
SITE 01	66	.03	.06	.05	.15	.07
	67	.09	.16	.07	.03	.09
LOUISIANA						
NEW ORLEANS						
SITE 02	66	.02	.01	.01	.03	.02
	67	.02	.02	.04	.02	.03
MARYLAND						
BALTIMORE						
SITE 01	66	.12	.06	.08	.18	.11
	67	.18	.16	.07	.10	.13
MICHIGAN						
DETROIT						
SITE 01	66	.07	.11	.11	.13	.10
	67	.20	.25	.19	.13	.19
FLINT						
SITE 01	67	.10	.09	.04	.03	.06
GRAND RAPIDS						
SITE 01	67	.36	.04	.06	.03	.12
MINNESOTA						
DULUTH						
SITE 01	66	.03	.03	.03	.03	.02
MINNEAPOLIS						
SITE 01	66	.02	.05	.04	.06	.04
	67	.05	.04	.08	.04	.05
MOORHEAD						
SITE 01	66	.00	.01	.01	.00	.00
ST PAUL						
SITE 01	66	.03	.02	.05	.03	.03
	67	.05	.05	.07	.05	.05
MISSISSIPPI						
JACKSON						
SITE 01	66	.02	.01	.04	.03	.02
MISSOURI						
KANSAS CITY						
SITE 01	66	.01	.02	.03	.03	.02
	67	.05	.15	.09	.02	.08
ST LOUIS						
SITE 01	66	.05	.06	.10	.03	.06
	67	.05	.09	.05	.03	.05
MONTANA						
HELENA						
SITE 01	66	.00	.00	.00	.01	.00
	67	.03	.02	.06	.00	.03
NEBRASKA						
OMAHA						
SITE 01	66	.01	.05	.02	.03	.03
	67	.05	.06	.06	.04	.05
NEVADA						
LAS VEGAS						
SITE 01	66	.01	.01	.01	.01	.01
	67	.02	.03	.02	.00	.02
RENO						
SITE 01	67	.07	.04	.07	.03	.05
NEW HAMPSHIRE						
CONCORD						
SITE 01	66	.00	.01	.02	.02	.01
	67	.03	.02	.03	.00	.02
NEW JERSEY						
BAYONNE						
SITE 01	67	.15	.02	.04	.07	.08
BURLINGTON COUNTY						
SITE 02	66	.08	.03	.07	.01	.05
	67	.08	.06	.06	.02	.05
CAMDEN						
SITE 01	66	.10	.03	.14	.26	.13
GLASSBORO						
SITE 01	66	.04	.02	.03	.03	.03
	67	.04	.04	.02	.01	.03

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
NEW JERSEY						
JERSEY CITY						
SITE 01	66	.02	.01	.03	.02	.02
	67	.05	.07	.05	.01	.04
NEWARK						
SITE 01	66	.05	.02	.06	.03	.04
	67	.08	.04	.05	.01	.05
PATERSON						
SITE 01	67	.05	.05	.03	.02	.04
PERTH AMBOY						
SITE 01	66	.02	.02	.07	.02	.03
	67	.10	.05	.05	.02	.05
TRENTON						
SITE 01	66	.02	.02	.03	.13	.05
NEW MEXICO						
ALBUQUERQUE						
SITE 01	66	.02	.03	.03	.04	.02
	67	.08	.04	.03	.02	.04
NEW YORK						
NEW YORK CITY						
SITE 01	66	.02	.02	.02	.02	.02
	67	.04	.07	.09	.02	.05
NORTH CAROLINA						
CHARLOTTE						
SITE 01	66	.04	.02	.04	.06	.04
	67	.04	.04	.07	.02	.04
OHIO						
AKRON						
SITE 01	66	.06	.10	.07	.14	.09
	67	.19	.20	.21	.05	.16
CINCINNATI						
SITE 01	66	.08	.47	.48	.33	.34
	67	.13	.15	.22	.45	.24
CLEVELAND						
SITE 01	66	.12	.08	.08	.06	.08
	67	.21	.16	.05	.09	.13
COLUMBUS						
SITE 01	66	.04	.04	.08	.05	.05
	67	.08	.07	.05	.01	.05
DAYTON						
SITE 01	66	.07	.11	.08	.10	.09
	67	.08	.08	.18	.07	.10
TOLEDO						
SITE 01	66	.03	.06	.04	.05	.04
	67	.05	.07	.09	.02	.06
YOUNGSTOWN						
SITE 01	66	.12	.20	.47	.11	.22
	67	.23	.25	.14	.08	.17
OKLAHOMA						
OKLAHOMA CITY						
SITE 01	66	.03	.02	.01	.01	.01
	67	.03	.04	.02	.01	.02
TULSA						
SITE 01	66	.01	.02	.03	.02	.02
	67	.03	.02	.02	.00	.02
OREGON						
EUGENE						
SITE 01	67	.04	.04	.09	.02	.05
MEDFORD						
SITE 01	67	.04	.05	.07	.03	.05
PORTLAND						
SITE 01	66	.05	.12	.08	.06	.08
	67	.03	.12	.10	.04	.07
PENNSYLVANIA						
ALLENTOWN						
SITE 01	67	.21	.43	.10	.03	.29
ALTOONA						
SITE 01	67	.06	.07	.07	.02	.05
BETHLEHEM						
SITE 01	67	.30	.66	.12	.11	.30

Table 7-20 (continued). MANGANESE, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
PENNSYLVANIA						
LANCASTER						
SITE 01	66	.16	.04	.13	.08	.09
	67	.21	.06	.03	.03	.08
PHILADELPHIA						
SITE 01	66	.45	.19	.36	.79	.45
	67	.57	.64	.14	.61	.49
PITTSBURGH						
SITE 01	66	.09	.07	.21	.00	.09
	67	.27	.35	.22	.11	.24
READING						
SITE 01	66	.38	.13	.10	.48	.27
	67	.79	.15	.13	.11	.29
WARMINSTER						
SITE 01	66	.15	.05	.05	.02	.07
	67	.10	.05	.04	.05	.06
WEST CHESTER						
SITE 01	67	.07	.06	.01	.02	.04
YORK						
SITE 01	67	.08	.05	.05	.03	.05
PUERTO RICO						
BAYAMON						
SITE 01	66	.01	.01	.02	.00	.01
	67	.04	.02	.01	.00	.02
CATANO						
SITE 01	66	.02	.01	.03	.02	.02
	67	.04	.03	.02	.00	.02
GUAYANILLA						
SITE 01	66	.00	.00	.01	.00	.00
	67	.00	.01	.00	.00	.00
PONCE						
SITE 01	66	.04	.02	.02	.04	.03
	67	.04	.02	.03	.02	.03
RHODE ISLAND						
EAST PROVIDENCE						
SITE 01	67	.04	.02	.01	.01	.02
PROVIDENCE						
SITE 01	66	.03	.04	.03	.03	.03
	67	.04	.03	.01	.01	.02
SOUTH CAROLINA						
COLUMBIA						
SITE 01	67	.03	.04	.02	.02	.03
GREENVILLE						
SITE 01	66	.05	.02	.02	.01	.02
SOUTH DAKOTA						
SIOUX FALLS						
SITE 01	66	.05	.05	.04	.05	.05
TENNESSEE						
CHATTANOOGA						
SITE 01	66	.13	.15	.16	.15	.14
	67	.18	.13	.08	.11	.12
KNOXVILLE						
SITE 01	67	1.00	1.50	.25	.48	.81
MEMPHIS						
SITE 01	66	.28	.24	.03	.06	.28
	67	.05	.03	.03	.10	.05
NASHVILLE						
SITE 01	66	.02	.03	.03	.05	.03
	67	.06	.10	.02	.02	.05

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
TEXAS						
DALLAS						
SITE 01	66	.05	.04	.02	.02	.03
HOUSTON						
SITE 01	66	.04	.03	.06	.06	.05
	67	.12	.03	.09	.07	.07
PASADENA						
SITE 01	67	.10	.05	.09	.04	.09
SAN ANTONIO						
SITE 01	66	.00	.02	.02	.01	.01
	67	.03	.03	.02	.01	.02
UTAH						
OGDEN						
SITE 01	66	.01	.00	.01	.02	.01
SALT LAKE CITY						
SITE 01	66	.01	.01	.03	.02	.02
	67	.05	.04	.01	.01	.03
VERMONT						
BURLINGTON						
SITE 01	66	.02	.04	.03	.02	.03
VIRGINIA						
DANVILLE						
SITE 01	66	.07	.02	.04	.02	.04
HAMPTON						
SITE 01	67	.06	.04	.02	.01	.03
LYNCHBURG						
SITE 01	67	.20	.05	.72	.08	.49
NORFOLK						
SITE 01	66	.01	.01	.01	.02	.01
	67	.03	.03	.02	.02	.02
PORTSMOUTH						
SITE 01	67	.02	.05	.02	.00	.02
RICHMOND						
SITE 01	67	.02	.03	.01	.01	.02
ROANOKE						
SITE 01	67	.12	.09	.12	.05	.09
WASHINGTON						
SEATTLE						
SITE 01	66	.03	.04	.04	.05	.04
	67	.05	.03	.03	.02	.03
WEST VIRGINIA						
CHARLESTON						
SITE 01	66	.30	.19	.19	.04	.18
	67	.08	.30	.13	.05	.14
WISCONSIN						
KENOSHA						
SITE 01	67	.05	.04	.02	.04	.04
MADISON						
SITE 01	67	.03	.02	.02	.01	.02
MILWAUKEE						
SITE 01	66	.09	.05	.18	.08	.10
	67	.05	.24	.06	.12	.12
WYOMING						
CASPER						
SITE 01	67	.01	.02	.00	.00	.01
CHEYENNE						
SITE 01	66	.00	.00	.00	.00	.00
	67	.01	.01	.00	.00	.00

Table 7-21. MANGANESE, NONURBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ARIZONA						
GRAND CANYON NAT PK						
SITE 01	66	.004	.020	.010	.004	.009
	67	.004	.006	.008	.000	.004
ARKANSAS						
MONTGOMERY COUNTY						
SITE 01	66	.016	.011	.013	.014	.013
	67	.005	.013	.004	.007	.007
CALIFORNIA						
HUMBOLDT COUNTY						
SITE 01	66	.004	.004	.008	.004	.005
	67	.000	.000	.005	.006	.003
COLORADO						
MESA VERDE NAT PK						
SITE 01	66	.000	.008	.005	.007	.005
	67	.000	.005	.000	.004	.002
DELAWARE						
KENT COUNTY						
SITE 01	66	.038	.019	.031	.042	.032
	67	.022	.012	.016	.000	.012
IDAHO						
BUTTE COUNTY						
SITE 01	67	.000	.000	.007	.000	.002
INDIANA						
POINCE COUNTY						
SITE 01	66	.032	.014	.012	.042	.025
	67	.010	.010	.014	.013	.012
PARKE COUNTY						
SITE 01	66	.024	.032	.014	.025	.024
	67	.013	.009	.015	.011	.012
MAINE						
ACADIA NAT PK						
SITE 01	66	.005	.005	.007	.000	.004
	67	.019	.014	.026	.010	.017
MARYLAND						
CALVERT COUNTY						
SITE 01	66	.017	.016	.017	.012	.015
	67	.050	.048	.030	.018	.036
MISSISSIPPI						
JACKSON COUNTY						
SITE 01	66	.033	.011	.013	.015	.018
	67	.016	.000	.031	.007	.013
MISSOURI						
SHANNON COUNTY						
SITE 01	66	.006	.008	.014	.007	.009
	67	.025	.045	.034	.014	.029
MONTANA						
GLACIER NAT PK						
SITE 01	66	.000	.004	.014	.000	.004
	67	.000	.000	.026	.000	.006
NEBRASKA						
THOMAS COUNTY						
SITE 01	66	.000	.004	.007	.005	.004
	67	.000	.004	.004	.004	.003
NEVADA						
WHITE PINE COUNTY						
SITE 01	66	.000	.006	.000	.000	.001
	67	.000	.000	.000	.000	.000
NEW HAMPSHIRE						
COOS COUNTY						
SITE 01	66	.007	.019	.021	.017	.016
	67	.007	.004	.005	.011	.008

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
NEW MEXICO						
RIO ARRIBA COUNTY						
SITE 01	66	.008	.015	.012	.009	.011
	67	.011	.006	.000	.000	.004
NEW YORK						
JEFFERSON COUNTY						
SITE 01	66	.040	.025	.048	.018	.033
	67	.016	.016	.023	.023	.019
NORTH CAROLINA						
CAPE HATTERAS						
SITE 01	66	.011	.007	.009	.026	.013
	67	.006	.006	.005	.011	.007
OKLAHOMA						
CHEROKEE COUNTY						
SITE 01	66	.014	.012	.022	.023	.018
	67	.007	.011	.010	.007	.009
OREGON						
CURRY COUNTY						
SITE 01	66	.050	.000	.004	.000	.013
	67	.000	.000	.004	.000	.001
PENNSYLVANIA						
CLARION COUNTY						
SITE 01	66	.047	.026	.031	.019	.031
	67	.051	.047	.054	.053	.051
RHODE ISLAND						
WASHINGTON COUNTY						
SITE 01	66	.019	.015	.011	.010	.014
	67	.016	.019	.019	.011	.016
SOUTH CAROLINA						
RICHLAND COUNTY						
SITE 01	66	.010	.007	.004	.006	.007
	67	.016	.019	.004	.010	.012
SOUTH DAKOTA						
BLACK HILLS NAT FOR						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.009	.020	.007
TEXAS						
MATAGORDA COUNTY						
SITE 01	66	.006	.005	.000	.000	.003
	67	.004	.004	.005	.005	.004
VERMONT						
ORANGE COUNTY						
SITE 01	66	.011	.029	.023	.017	.020
	67	.022	.032	.017	.012	.021
VIRGINIA						
SHENANDOAH NAT PK						
SITE 01	66	.018	.023	.024	.014	.020
	67	.015	.014	.006	.018	.013
WISCONSIN						
DOOR COUNTY						
SITE 01	67	.007	.018	.014	.008	.012
WYOMING						
YELLOWSTONE PARK						
SITE 01	66	.000	.000	.006	.000	.001
	67	.000	.000	.000	.000	.000

Table 7-22. MOLYBDENUM, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ALABAMA						
BIRMINGHAM						
SITE 01	66	.000	.006	.000	.000	.001
GADSDEN						
SITE 01	66	.000	.000	.000	.000	.000
HUNTSVILLE						
SITE 01	67	.000	.000	.000	.000	.000
MOBILE						
SITE 01	66	.000	.000	.002	.000	.000
MONTGOMERY						
SITE 01	67	.000	.000	.000	.000	.000
ALASKA						
ANCHORAGE						
SITE 02	66	.002	.000	.000	.000	.000
SITE 03	67	.000	.000	.000	.000	.000
FAIRBANKS						
SITE 01	67	.000	.000	.000	.000	.000
ARIZONA						
MARICOPA COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PHOENIX						
SITE 02	66	.000	.000	.000	.003	.001
	67	.003	.000	.000	.000	.001
TUCSON						
SITE 01	66	.002	.000	.000	.000	.000
	67	.002	.000	.000	.000	.000
ARKANSAS						
LITTLE ROCK						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
WEST MEMPHIS						
SITE 01	66	.000	.000	.000	.000	.000
CALIFORNIA						
BURBANK						
SITE 02	66	.000	.000	.000	.000	.000
GLENDALE						
SITE 01	67	.000	.000	.000	.000	.000
LONG BEACH						
SITE 01	67	.000	.000	.000	.001	.000
LOS ANGELES						
SITE 01	66	.002	.000	.000	.000	.000
	67	.000	.000	.000	.001	.000
OAKLAND						
SITE 01	66	.003	.000	.000	.000	.000
	67	.006	.000	.000	.000	.001
PASADENA						
SITE 01	66	.000	.000	.000	.000	.000
SAN DIEGO						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
SAN FRANCISCO						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
COLORADO						
DENVER						
SITE 01	66	.010	.007	.012	.012	.010
CONNECTICUT						
HARTFORD						
SITE 01	66	.000	.000	.000	.000	.000
NEW HAVEN						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
DELAWARE						
NEWARK						
SITE 01	66	.000	.000	.002	.000	.000
	67	.000	.000	.000	.000	.000
WILMINGTON						
SITE 01	66	.000	.000	.000	.003	.001
	67	.000	.000	.000	.016	.001

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
DISTRICT OF COLUMBIA						
WASHINGTON						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
GEORGIA						
ATLANTA						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
HAWAII						
HONOLULU						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
IDAHO						
BOISE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
ILLINOIS						
CHICAGO						
SITE 01	66	.004	.000	.005	.004	.003
	67	.005	.004	.004	.004	.005
EAST ST LOUIS						
SITE 01	67	.000	.002	.003	.003	.002
ROCKFORD						
SITE 01	67	.000	.000	.002	.000	.001
SPRINGFIELD						
SITE 01	67	.000	.000	.002	.000	.000
INDIANA						
EAST CHICAGO						
SITE 01	66	.013	.018	.057	.019	.027
	67	.007	.040	.006	.012	.039
HAMMOND						
SITE 01	66	.001	.006	.004	.000	.002
	67	.002	.012	.000	.000	.006
INDIANAPOLIS						
SITE 01	66	.000	.000	.003	.003	.001
	67	.003	.006	.000	.000	.002
MUNCIE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEW ALBANY						
SITE 02	67	.000	.000	.000	.002	.000
SOUTH BEND						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.002	.000	.000	.000
TERRE HAUTE						
SITE 01	67	.002	.000	.002	.000	.000
IOWA						
CEDAR RAPIDS						
SITE 01	67	.000	.003	.000	.000	.001
DAVENPORT						
SITE 01	66	.000	.000	.005	.000	.001
DES MOINES						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
DUBUQUE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.002	.000	.000	.000	.000
KANSAS						
KANSAS CITY						
SITE 01	66	.000	.000	.000	.000	.000
TOPEKA						
SITE 01	67	.000	.000	.000	.000	.000
WICHITA						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
KENTUCKY						
ASHLAND						
SITE 01	66	.003	.000	.006	.121	.007
COVINGTON						
SITE 01	66	.005	.000	.005	.005	.004
	67	.000	.000	.000	.000	.000

Table 7-22 (continued). MOLYBDENUM, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
KENTUCKY						
LEXINGTON						
SITE 01	67	.000	.000	.000	.000	.000
LOUISVILLE						
SITE 01	66	.010	.010	.010	.010	.010
	67	.014	.004	.005	.000	.006
LOUISIANA						
NEW ORLEANS						
SITE 02	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
MARYLAND						
BALTIMORE						
SITE 01	66	.006	.008	.004	.008	.006
	67	.008	.004	.004	.000	.004
MICHIGAN						
DETROIT						
SITE 01	66	.000	.002	.002	.004	.002
	67	.003	.003	.003	.000	.002
FLINT						
SITE 01	67	.000	.000	.000	.000	.000
GRAND RAPIDS						
SITE 01	67	.000	.000	.000	.000	.000
MINNESOTA						
DULUTH						
SITE 01	66	.000	.000	.000	.000	.000
MINNEAPOLIS						
SITE 01	66	.003	.000	.000	.000	.001
	67	.004	.000	.000	.000	.001
MOORHEAD						
SITE 01	66	.000	.000	.000	.000	.000
ST PAUL						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
MISSISSIPPI						
JACKSON						
SITE 01	66	.000	.000	.000	.000	.000
MISSOURI						
KANSAS CITY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
ST LOUIS						
SITE 01	66	.006	.002	.007	.003	.004
	67	.003	.005	.000	.000	.002
MONTANA						
HELENA						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEBRASKA						
OMAHA						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEVADA						
LAS VEGAS						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
RENO						
SITE 01	67	.000	.000	.000	.000	.000
NEW HAMPSHIRE						
CONCORD						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEW JERSEY						
BAYONNE						
SITE 01	67	.007	.000	.000	.000	.002
BURLINGTON COUNTY						
SITE 02	66	.000	.000	.000	.000	.000
	67	.002	.000	.000	.000	.000
CAMDEN						
SITE 01	66	.002	.002	.003	.001	.002
GLASSBORO						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
NEW JERSEY						
JERSEY CITY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.002	.005	.002	.000	.002
NEWARK						
SITE 01	66	.003	.000	.003	.004	.002
	67	.004	.000	.004	.000	.002
PATERSON						
SITE 01	67	.005	.005	.000	.000	.002
PERTH AMBOY						
SITE 01	66	.000	.000	.003	.000	.001
	67	.006	.000	.000	.000	.001
TRENTON						
SITE 01	66	.000	.000	.000	.000	.000
NEW MEXICO						
ALBUQUERQUE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEW YORK						
NEW YORK CITY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.004	.005	.006	.000	.004
NORTH CAROLINA						
CHARLOTTE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
OHIO						
AKRON						
SITE 01	66	.000	.003	.002	.008	.003
	67	.000	.005	.010	.000	.004
CINCINNATI						
SITE 01	66	.005	.003	.002	.000	.002
	67	.005	.000	.003	.002	.002
CLEVELAND						
SITE 01	66	.003	.002	.002	.000	.002
	67	.005	.004	.003	.000	.003
COLUMBUS						
SITE 01	66	.002	.000	.000	.000	.000
	67	.004	.002	.003	.000	.002
DAYTON						
SITE 01	66	.000	.000	.000	.000	.000
	67	.002	.003	.000	.000	.001
TOLEDO						
SITE 01	66	.000	.000	.000	.000	.000
	67	.002	.000	.004	.000	.001
YOUNGSTOWN						
SITE 01	66	.005	.008	.011	.007	.008
	67	.010	.010	.003	.004	.007
OKLAHOMA						
OKLAHOMA CITY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
TULSA						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
OREGON						
EUGENE						
SITE 01	67	.000	.000	.000	.000	.000
MEDFORD						
SITE 01	67	.000	.000	.000	.000	.000
PORTLAND						
SITE 01	66	.003	.003	.010	.000	.004
	67	.000	.003	.002	.000	.001
PENNSYLVANIA						
ALLENTOWN						
SITE 01	67	.002	.006	.002	.000	.002
ALTOONA						
SITE 01	67	.004	.002	.006	.000	.003
BETHLEHEM						
SITE 01	67	.004	.006	.003	.008	.005

Table 7-22 (continued). MOLYBDENUM, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
PENNSYLVANIA						
LANCASTER						
SITE 01	66	.005	.000	.003	.000	.002
	67	.004	.000	.000	.000	.001
PHILADELPHIA						
SITE 01	66	.002	.000	.002	.000	.001
	67	.004	.005	.000	.006	.004
PITTSBURGH						
SITE 01	66	.018	.085	.352	.046	.050
	67	.071	.100	.047	.100	.079
READING						
SITE 01	66	.038	.008	.008	.092	.036
	67	.046	.000	.003	.008	.014
WARMINSTER						
SITE 01	66	.003	.000	.000	.000	.001
	67	.004	.000	.000	.000	.001
WEST CHESTER						
SITE 01	67	.003	.004	.000	.000	.002
YORK						
SITE 01	67	.005	.000	.000	.000	.001
PUERTO RICO						
BAYAMON						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
CATANO						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
GUAYANILLA						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PONCE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
RHODE ISLAND						
EAST PROVIDENCE						
SITE 01	67	.000	.000	.000	.000	.000
PROVIDENCE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
SOUTH CAROLINA						
COLUMBIA						
SITE 01	67	.000	.000	.000	.000	.000
GREENVILLE						
SITE 01	66	.000	.000	.000	.000	.000
SOUTH DAKOTA						
SIOUX FALLS						
SITE 01	66	.000	.000	.000	.000	.000
TENNESSEE						
CHATTANOOGA						
SITE 01	66	.000	.000	.000	.000	.001
	67	.000	.000	.000	.000	.001
KNOXVILLE						
SITE 01	67	.000	.000	.000	.000	.000
MEMPHIS						
SITE 01	66	.000	.000	.000	.005	.001
	67	.000	.000	.000	.000	.000
NASHVILLE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
TEXAS						
DALLAS						
SITE 01	66	.000	.000	.000	.000	.000
HOUSTON						
SITE 01	66	.000	.000	.000	.002	.000
	67	.000	.000	.000	.000	.000
PASADENA						
SITE 01	67	.000	.000	.000	.000	.000
SAN ANTONIO						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
UTAH						
OGDEN						
SITE 01	66	.000	.000	.000	.002	.000
SALT LAKE CITY						
SITE 01	66	.000	.000	.000	.006	.001
	67	.004	.002	.000	.000	.001
VERMONT						
BURLINGTON						
SITE 01	66	.000	.000	.000	.000	.000
VIRGINIA						
DANVILLE						
SITE 01	66	.000	.000	.000	.000	.000
HAMPTON						
SITE 01	67	.000	.000	.000	.000	.000
LYNCHBURG						
SITE 01	67	.000	.000	.000	.000	.000
NORFOLK						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PORTSMOUTH						
SITE 01	67	.000	.000	.000	.000	.000
RICHMOND						
SITE 01	67	.000	.000	.000	.000	.000
ROANOKE						
SITE 01	67	.000	.000	.000	.000	.000
WASHINGTON						
SEATTLE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
WEST VIRGINIA						
CHARLESTON						
SITE 01	66	.000	.000	.000	.000	.000
	67	.002	.004	.004	.000	.002
WISCONSIN						
KENOSHA						
SITE 01	67	.003	.000	.000	.000	.001
MADISON						
SITE 01	67	.000	.000	.000	.000	.000
MILWAUKEE						
SITE 01	66	.000	.000	.004	.000	.001
	67	.000	.006	.002	.000	.002
WYOMING						
CASPER						
SITE 01	67	.000	.000	.000	.000	.000
CHEYENNE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000

Table 7-23. MOLYBDENUM, NONURBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ARIZONA						
GRAND CANYON NAT PK						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
ARKANSAS						
MONTGOMERY COUNTY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
CALIFORNIA						
HUMBOLDT COUNTY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
COLORADO						
MESA VERDE NAT PK						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
DELAWARE						
KENT COUNTY						
SITE 01	66	.0016	.0000	.0014	.0000	.0007
	67	.0011	.0000	.0000	.0016	.0007
IDAHO						
BUTTE COUNTY						
SITE 01	67	.0000	.0000	.0000	.0000	.0000
INDIANA						
MONROE COUNTY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
PARKE COUNTY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
MAINE						
ACADIA NAT PK						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
MARYLAND						
CALVERT COUNTY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0022	.0000	.0000	.0000	.0005
MISSISSIPPI						
JACKSON COUNTY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
MISSOURI						
SHANNON COUNTY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
MONTANA						
GLACIER NAT PK						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
NEBRASKA						
THOMAS COUNTY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
NEVADA						
WHITE PINE COUNTY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
NEW HAMPSHIRE						
COOS COUNTY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
NEW MEXICO						
RIO ARRIBA COUNTY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
NEW YORK						
JEFFERSON COUNTY						
SITE 01	66	.0000	.0000	.0000	.0009	.0002
	67	.0000	.0000	.0000	.0000	.0000
NORTH CAROLINA						
CAPE HATTERAS						
SITE 01	66	.0000	.0000	.0000	.0011	.0003
	67	.0000	.0000	.0000	.0000	.0000
OKLAHOMA						
CHEROKEE COUNTY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
OREGON						
CURRY COUNTY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
PENNSYLVANIA						
CLARION COUNTY						
SITE 01	66	.0018	.0000	.0009	.0019	.0011
	67	.0027	.0027	.0022	.0044	.0030
RHODE ISLAND						
WASHINGTON COUNTY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
SOUTH CAROLINA						
RICHLAND COUNTY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
SOUTH DAKOTA						
BLACK HILLS NAT FOR						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
TEXAS						
MATAGORDA COUNTY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
VERMONT						
ORANGE COUNTY						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000
VIRGINIA						
SHENANDOAH NAT PK						
SITE 01	66	.0000	.0000	.0009	.0000	.0002
	67	.0000	.0000	.0000	.0009	.0002
WISCONSIN						
DOOR COUNTY						
SITE 01	67	.0000	.0000	.0000	.0000	.0000
WYOMING						
YELLOWSTONE PARK						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0000	.0000	.0000	.0000	.0000

Table 7-24. NICKEL, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ALABAMA						
BIRMINGHAM						
SITE 01	66	.014	.014	.014	.022	.016
GADSDEN						
SITE 01	66	.006	.006	.011	.006	.007
HUNTSVILLE						
SITE 01	67	.000	.000	.000	.000	.000
MOBILE						
SITE 01	66	.013	.014	.014	.012	.013
MONTGOMERY						
SITE 01	67	.000	.000	.021	.000	.005
ALASKA						
ANCHORAGE						
SITE 02	66	.000	.020	.026	.023	.017
SITE 03	67	.000	.020	.018	.007	.010
FAIRBANKS						
SITE 01	67	.000	.008	.019	.009	.009
ARIZONA						
MARICOPA COUNTY						
SITE 01	66	.000	.000	.010	.000	.002
	67	.000	.000	.000	.000	.000
PHOENIX						
SITE 02	66	.014	.010	.011	.010	.013
	67	.014	.013	.009	.010	.011
TUCSON						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
ARKANSAS						
LITTLE ROCK						
SITE 01	66	.000	.012	.000	.000	.003
	67	.000	.000	.000	.000	.000
WEST MEMPHIS						
SITE 01	66	.000	.011	.014	.000	.006
CALIFORNIA						
BURBANK						
SITE 02	66	.052	.020	.030	.015	.029
GLENDALE						
SITE 01	67	.031	.013	.010	.009	.016
LONG BEACH						
SITE 01	67	.062	.019	.021	.000	.025
LOS ANGELES						
SITE 01	66	.090	.017	.025	.029	.039
	67	.039	.014	.015	.027	.024
OAKLAND						
SITE 01	66	.023	.019	.017	.029	.022
	67	.044	.026	.025	.030	.031
PASADENA						
SITE 01	66	.055	.013	.019	.014	.025
SAN DIEGO						
SITE 01	66	.026	.014	.016	.037	.023
	67	.033	.014	.023	.017	.022
SAN FRANCISCO						
SITE 01	66	.042	.006	.011	.057	.029
	67	.045	.000	.000	.027	.018
COLORADO						
DENVER						
SITE 01	66	.011	.000	.006	.007	.006
CONNECTICUT						
HARTFORD						
SITE 01	66	.047	.026	.015	.068	.039
NEW HAVEN						
SITE 01	66	.120	.110	.029	.058	.079
	67	.160	.080	.020	.110	.092
DELAWARE						
NEWARK						
SITE 01	66	.028	.020	.028	.021	.024
	67	.033	.019	.012	.021	.021
WILMINGTON						
SITE 01	66	.047	.037	.014	.052	.037
	67	.056	.038	.023	.044	.040

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
DISTRICT OF COLUMBIA						
WASHINGTON						
SITE 01	66	.025	.011	.012	.021	.017
	67	.032	.018	.020	.043	.028
GEORGIA						
ATLANTA						
SITE 01	66	.011	.000	.000	.000	.002
	67	.006	.008	.011	.013	.009
HAWAII						
HONOLULU						
SITE 01	66	.052	.021	.023	.026	.030
	67	.022	.027	.023	.037	.026
IDAHO						
BOISE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.010	.000	.002
ILLINOIS						
CHICAGO						
SITE 01	66	.038	.030	.015	.034	.029
	67	.035	.019	.014	.058	.031
EAST ST LOUIS						
SITE 01	67	.006	.009	.017	.015	.012
ROCKFORD						
SITE 01	67	.011	.000	.013	.000	.006
SPRINGFIELD						
SITE 01	67	.000	.000	.009	.000	.002
INDIANA						
EAST CHICAGO						
SITE 01	66	.031	.048	.019	.046	.036
	67	.050	.030	.025	.037	.035
HAMMOND						
SITE 01	66	.012	.022	.013	.010	.014
	67	.022	.035	.021	.028	.026
INDIANAPOLIS						
SITE 01	66	.016	.011	.023	.024	.018
	67	.015	.024	.019	.017	.019
MUNCIE						
SITE 01	66	.000	.011	.000	.000	.003
	67	.000	.000	.000	.007	.002
NEW ALBANY						
SITE 02	67	.015	.009	.011	.025	.015
SOUTH BEND						
SITE 01	66	.041	.000	.010	.015	.016
	67	.024	.006	.006	.000	.009
TERRE HAUTE						
SITE 01	67	.007	.008	.010	.000	.006
IOWA						
CEDAR RAPIDS						
SITE 01	67	.007	.011	.000	.000	.004
DAVENPORT						
SITE 01	66	.006	.000	.018	.000	.006
DES MOINES						
SITE 01	66	.009	.000	.010	.000	.005
	67	.007	.009	.013	.000	.006
DUBUQUE						
SITE 01	66	.000	.006	.009	.009	.006
	67	.007	.008	.012	.000	.007
KANSAS						
KANSAS CITY						
SITE 01	66	.000	.000	.000	.000	.000
TOPEKA						
SITE 01	67	.000	.000	.000	.000	.000
WICHITA						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
KENTUCKY						
ASHLAND						
SITE 01	66	.011	.016	.022	.019	.017
COVINGTON						
SITE 01	66	.017	.006	.012	.010	.011
	67	.000	.000	.008	.000	.002

Table 7-24 (continued). NICKEL, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
KENTUCKY						
LEXINGTON						
SITE 01	67	.007	.006	.009	.000	.005
LOUISVILLE						
SITE 01	66	.016	.044	.018	.046	.031
	67	.042	.036	.029	.010	.029
LOUISIANA						
NEW ORLEANS						
SITE 02	66	.013	.000	.006	.012	.008
	67	.015	.006	.017	.013	.012
MARYLAND						
BALTIMORE						
SITE 01	66	.066	.048	.039	.130	.071
	67	.062	.036	.031	.042	.043
MICHIGAN						
DETROIT						
SITE 01	66	.014	.046	.016	.021	.024
	67	.016	.020	.028	.043	.027
FLINT						
SITE 01	67	.000	.007	.006	.000	.003
GRAND RAPIDS						
SITE 01	67	.009	.006	.013	.006	.008
MINNESOTA						
DULUTH						
SITE 01	66	.000	.000	.000	.000	.000
MINNEAPOLIS						
SITE 01	66	.013	.000	.000	.007	.005
	67	.012	.000	.011	.000	.006
MOORHEAD						
SITE 01	66	.000	.000	.000	.000	.000
ST PAUL						
SITE 01	66	.014	.000	.000	.000	.003
	67	.025	.011	.000	.011	.009
MISSISSIPPI						
JACKSON						
SITE 01	66	.000	.000	.000	.000	.000
MISSOURI						
KANSAS CITY						
SITE 01	66	.006	.000	.000	.009	.004
	67	.011	.012	.010	.000	.008
ST LOUIS						
SITE 01	66	.016	.006	.016	.007	.011
	67	.014	.012	.006	.007	.010
MONTANA						
HELENA						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEBRASKA						
OMAHA						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.008	.011	.000	.005
NEVADA						
LAS VEGAS						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
RENO						
SITE 01	67	.087	.025	.040	.025	.044
NEW HAMPSHIRE						
CONCORD						
SITE 01	66	.012	.006	.014	.015	.012
	67	.027	.014	.014	.018	.018
NEW JERSEY						
BAYONNE						
SITE 01	67	.130	.033	.052	.082	.074
BURLINGTON COUNTY						
SITE 02	66	.025	.076	.016	.061	.044
	67	.040	.022	.023	.011	.024
CAMDEN						
SITE 01	66	.054	.017	.033	.030	.033
GLASSBORO						
SITE 01	66	.015	.006	.013	.012	.011
	67	.013	.014	.017	.000	.011

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
NEW JERSEY						
JERSEY CITY						
SITE 01	66	.073	.022	.051	.044	.052
	67	.076	.150	.037	.038	.075
NEWARK						
SITE 01	66	.071	.024	.064	.041	.050
	67	.140	.073	.068	.031	.078
PATERSON						
SITE 01	67	.100	.160	.027	.034	.080
PERTH AMBOY						
SITE 01	66	.035	.025	.076	.040	.044
	67	.120	.065	.068	.020	.068
TRENTON						
SITE 01	66	.025	.027	.029	.030	.028
NEW MEXICO						
ALBUQUERQUE						
SITE 01	66	.008	.010	.000	.000	.002
	67	.011	.000	.007	.000	.004
NEW YORK						
NEW YORK CITY						
SITE 01	66	.089	.042	.041	.060	.058
	67	.200	.240	.240	.070	.187
NORTH CAROLINA						
CHARLOTTE						
SITE 01	66	.000	.000	.010	.016	.009
	67	.007	.000	.014	.000	.005
OHIO						
AKRON						
SITE 01	66	.006	.011	.013	.018	.012
	67	.016	.014	.020	.000	.012
CINCINNATI						
SITE 01	66	.008	.016	.014	.012	.012
	67	.021	.009	.021	.008	.015
CLEVELAND						
SITE 01	66	.011	.012	.013	.006	.010
	67	.020	.021	.011	.006	.014
COLUMBUS						
SITE 01	66	.010	.015	.020	.023	.017
	67	.016	.023	.013	.008	.015
DAYTON						
SITE 01	66	.010	.012	.000	.009	.008
	67	.015	.013	.015	.015	.014
TOLEDO						
SITE 01	66	.006	.015	.007	.006	.008
	67	.012	.010	.024	.006	.013
YOUNGSTOWN						
SITE 01	66	.017	.025	.045	.018	.026
	67	.023	.023	.021	.011	.019
OKLAHOMA						
OKLAHOMA CITY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.006	.000	.000	.001
TULSA						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.008	.000	.002
OREGON						
EUGENE						
SITE 01	67	.011	.011	.020	.000	.010
MEDFORD						
SITE 01	67	.008	.007	.016	.000	.008
PORTLAND						
SITE 01	66	.041	.031	.031	.049	.038
	67	.028	.070	.041	.027	.041
PENNSYLVANIA						
ALLENTOWN						
SITE 01	67	.031	.033	.018	.006	.022
ALTOONA						
SITE 01	67	.011	.013	.012	.000	.009
BETHLEHEM						
SITE 01	67	.035	.030	.018	.007	.022

Table 7-24 (continued). NICKEL, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
PENNSYLVANIA						
LANCASTER						
SITE 01	66	.015	.009	.019	.020	.016
	67	.033	.015	.007	.009	.016
PHILADELPHIA						
SITE 01	66	.052	.025	.030	.040	.037
	67	.110	.084	.026	.031	.063
PITTSBURGH						
SITE 01	66	.019	.019	.032	.020	.022
	67	.026	.031	.035	.019	.028
READING						
SITE 01	66	.068	.033	.024	.031	.039
	67	.093	.020	.017	.024	.038
WARMINSTER						
SITE 01	66	.055	.013	.009	.011	.022
	67	.035	.018	.012	.016	.020
WEST CHESTER						
SITE 01	67	.018	.018	.000	.010	.011
YORK						
SITE 01	67	.031	.018	.013	.019	.020
PUERTO RICO						
BAYAMON						
SITE 01	66	.017	.016	.015	.008	.014
	67	.033	.014	.015	.014	.034
CATANO						
SITE 01	66	.027	.020	.060	.031	.034
	67	.013	.035	.031	.007	.021
GUAYANILLA						
SITE 01	66	.000	.000	.008	.008	.004
	67	.000	.018	.014	.000	.008
PONCE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.008	.000	.007	.000	.004
RHODE ISLAND						
EAST PROVIDENCE						
SITE 01	67	.029	.019	.016	.012	.019
PROVIDENCE						
SITE 01	66	.120	.058	.014	.043	.059
	67	.053	.046	.017	.034	.037
SOUTH CAROLINA						
COLUMBIA						
SITE 01	67	.000	.000	.000	.000	.000
GREENVILLE						
SITE 01	66	.012	.000	.000	.000	.003
SOUTH DAKOTA						
SIOUX FALLS						
SITE 01	66	.000	.000	.000	.000	.000
TENNESSEE						
CHATTANOOGA						
SITE 01	66	.013	.009	.007	.017	.011
	67	.017	.000	.009	.018	.011
KNOXVILLE						
SITE 01	67	.006	.006	.000	.000	.003
MEMPHIS						
SITE 01	66	.000	.000	.000	.008	.002
	67	.000	.000	.000	.000	.000
NASHVILLE						
SITE 01	66	.007	.006	.006	.007	.006
	67	.007	.013	.000	.000	.005

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
TEXAS						
DALLAS						
SITE 01	66	.000	.008	.000	.000	.002
HOUSTON						
SITE 01	66	.011	.000	.011	.009	.008
	67	.012	.000	.010	.000	.005
PASADENA						
SITE 01	67	.000	.033	.006	.000	.010
SAN ANTONIO						
SITE 01	66	.000	.009	.000	.000	.002
	67	.000	.000	.000	.000	.000
UTAH						
OGDEN						
SITE 01	66	.000	.000	.000	.000	.000
SALT LAKE CITY						
SITE 01	66	.000	.000	.006	.000	.001
	67	.010	.007	.000	.000	.004
VERMONT						
BURLINGTON						
SITE 01	66	.017	.030	.032	.031	.027
VIRGINIA						
DANVILLE						
SITE 01	66	.013	.000	.008	.000	.005
HAMPTON						
SITE 01	67	.012	.013	.006	.000	.008
LYNCHBURG						
SITE 01	67	.007	.006	.000	.000	.003
NORFOLK						
SITE 01	66	.007	.007	.013	.015	.010
	67	.019	.012	.018	.012	.015
PORTSMOUTH						
SITE 01	67	.012	.018	.009	.000	.010
RICHMOND						
SITE 01	67	.019	.012	.007	.012	.012
ROANOKE						
SITE 01	67	.007	.000	.007	.000	.003
WASHINGTON						
SEATTLE						
SITE 01	66	.039	.026	.020	.061	.036
	67	.043	.023	.014	.030	.027
WEST VIRGINIA						
CHARLESTON						
SITE 01	66	.019	.010	.013	.010	.013
	67	.012	.017	.013	.007	.012
WISCONSIN						
KENOSHA						
SITE 01	67	.019	.000	.000	.000	.002
MADISON						
SITE 01	67	.000	.000	.000	.000	.000
MILWAUKEE						
SITE 01	66	.007	.000	.018	.009	.008
	67	.007	.019	.008	.009	.011
WYOMING						
CASPER						
SITE 01	67	.000	.000	.000	.000	.000
CHEYENNE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000

Table 7-25. NICKEL, NONURBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ARIZONA						
GRAND CANYON NAT PK						
SITE 01	66	.002	.006	.004	.003	.004
	67	.000	.000	.000	.000	.000
ARKANSAS						
MONTGOMERY COUNTY						
SITE 01	66	.005	.004	.003	.004	.004
	67	.000	.000	.000	.000	.000
CALIFORNIA						
HUMBOLDT COUNTY						
SITE 01	66	.006	.004	.005	.004	.005
	67	.000	.000	.000	.003	.001
COLORADO						
MESA VERDE NAT PK						
SITE 01	66	.003	.004	.005	.004	.004
	67	.000	.000	.000	.000	.000
DELAWARE						
KENT COUNTY						
SITE 01	66	.019	.006	.009	.018	.013
	67	.008	.005	.004	.008	.006
IDAHO						
BLTTE COUNTY						
SITE 01	67	.000	.000	.000	.000	.000
INDIANA						
MONROE COUNTY						
SITE 01	66	.004	.003	.002	.004	.003
	67	.000	.000	.002	.002	.001
PARKE COUNTY						
SITE 01	66	.008	.004	.003	.008	.006
	67	.002	.003	.006	.003	.003
MAINE						
ACADIA NAT PK						
SITE 01	66	.009	.007	.007	.006	.007
	67	.033	.016	.014	.025	.022
MARYLAND						
CALVERT COUNTY						
SITE 01	66	.005	.006	.004	.007	.006
	67	.022	.012	.012	.007	.013
MISSISSIPPI						
JACKSON COUNTY						
SITE 01	66	.012	.014	.007	.003	.009
	67	.006	.000	.009	.002	.004
MISSOURI						
SHANNON COUNTY						
SITE 01	66	.000	.000	.003	.002	.001
	67	.000	.000	.000	.000	.000
MONTANA						
GLACIER NAT PK						
SITE 01	66	.000	.002	.003	.000	.001
	67	.000	.000	.000	.000	.000
NEBRASKA						
THOMAS COUNTY						
SITE 01	66	.000	.000	.002	.000	.000
	67	.000	.000	.000	.000	.000
NEVADA						
WHITE PINE COUNTY						
SITE 01	66	.000	.003	.002	.000	.001
	67	.002	.000	.002	.000	.001
NEW HAMPSHIRE						
COOS COUNTY						
SITE 01	66	.004	.006	.008	.008	.006
	67	.005	.000	.003	.003	.003

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
NEW MEXICO						
RIO ARRIBA COUNTY						
SITE 01	66	.004	.005	.004	.003	.004
	67	.000	.003	.000	.000	.001
NEW YORK						
JEFFERSON COUNTY						
SITE 01	66	.006	.004	.007	.004	.005
	67	.004	.005	.004	.005	.004
NORTH CAROLINA						
CAPE HATTERAS						
SITE 01	66	.004	.003	.002	.015	.006
	67	.004	.002	.002	.003	.003
OKLAHOMA						
CHEROKEE COUNTY						
SITE 01	66	.004	.003	.004	.005	.004
	67	.000	.000	.000	.000	.000
OREGON						
CURRY COUNTY						
SITE 01	66	.006	.002	.003	.003	.003
	67	.000	.000	.000	.000	.000
PENNSYLVANIA						
CLARION COUNTY						
SITE 01	66	.005	.003	.005	.005	.004
	67	.006	.005	.005	.007	.006
RHODE ISLAND						
WASHINGTON COUNTY						
SITE 01	66	.014	.008	.006	.007	.009
	67	.013	.011	.009	.006	.010
SOUTH CAROLINA						
RICHLAND COUNTY						
SITE 01	66	.003	.003	.000	.003	.002
	67	.006	.004	.000	.010	.005
SOUTH DAKOTA						
BLACK HILLS NAT FOR						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.005	.001
TEXAS						
MATAGORDA COUNTY						
SITE 01	66	.003	.004	.000	.000	.002
	67	.002	.000	.000	.000	.000
VERMONT						
ORANGE COUNTY						
SITE 01	66	.008	.008	.005	.007	.007
	67	.012	.010	.004	.011	.009
VIRGINIA						
SHENANDOAH NAT PK						
SITE 01	66	.003	.003	.004	.003	.003
	67	.000	.000	.000	.003	.001
WISCONSIN						
DOOR COUNTY						
SITE 01	67	.004	.004	.000	.000	.002
WYOMING						
YELLOWSTONE PARK						
SITE 01	66	.000	.000	.003	.000	.001
	67	.000	.000	.000	.000	.000

Table 7-26. TIN, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ALABAMA						
BIRMINGHAM						
SITE 01	66	.005	.009	.010	.010	.008
GADSDEN						
SITE 01	66	.000	.000	.000	.000	.000
HUNTSVILLE						
SITE 01	67	.000	.000	.000	.000	.000
MOBILE						
SITE 01	66	.001	.004	.006	.003	.003
MONTGOMERY						
SITE 01	67	.000	.000	.002	.000	.000
ALASKA						
ANCHORAGE						
SITE 02	66	.000	.002	.000	.000	.000
SITE 03	67	.000	.000	.003	.000	.001
FAIRBANKS						
SITE 01	67	.001	.000	.000	.000	.000
ARIZONA						
MARICOPA COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PHOENIX						
SITE 02	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
TUCSON						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
ARKANSAS						
LITTLE ROCK						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
WEST MEMPHIS						
SITE 01	66	.000	.000	.000	.000	.000
CALIFORNIA						
BURBANK						
SITE 02	66	.001	.002	.004	.001	.002
GLENDALE						
SITE 01	67	.000	.001	.001	.000	.000
LONG BEACH						
SITE 01	67	.000	.000	.001	.001	.000
LOS ANGELES						
SITE 01	66	.006	.003	.005	.003	.004
	67	.000	.002	.005	.003	.002
OAKLAND						
SITE 01	66	.008	.007	.003	.007	.006
	67	.003	.004	.007	.001	.004
PASADENA						
SITE 01	66	.002	.002	.004	.005	.003
SAN DIEGO						
SITE 01	66	.000	.000	.001	.000	.000
	67	.000	.000	.000	.000	.000
SAN FRANCISCO						
SITE 01	66	.009	.000	.004	.009	.005
	67	.001	.000	.001	.001	.000
COLORADO						
DENVER						
SITE 01	66	.001	.000	.001	.001	.001
CONNECTICUT						
HARTFORD						
SITE 01	66	.000	.013	.001	.014	.007
NEW HAVEN						
SITE 01	66	.004	.000	.004	.008	.006
	67	.008	.010	.004	.001	.006
DELAWARE						
NEWARK						
SITE 01	66	.007	.005	.003	.003	.004
	67	.007	.002	.001	.002	.003
WILMINGTON						
SITE 01	66	.002	.002	.000	.010	.003
	67	.002	.001	.007	.004	.003

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
DISTRICT OF COLUMBIA						
WASHINGTON						
SITE 01	66	.003	.005	.004	.004	.004
	67	.004	.003	.000	.001	.004
GEORGIA						
ATLANTA						
SITE 01	66	.018	.005	.007	.003	.008
	67	.007	.013	.010	.005	.009
HAWAII						
HONOLULU						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
IDAHO						
BOISE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
ILLINOIS						
CHICAGO						
SITE 01	66	.010	.012	.009	.007	.009
	67	.013	.016	.025	.005	.015
EAST ST LOUIS						
SITE 01	67	.003	.006	.007	.003	.004
ROCKFORD						
SITE 01	67	.003	.001	.001	.001	.004
SPRINGFIELD						
SITE 01	67	.000	.000	.001	.001	.000
INDIANA						
EAST CHICAGO						
SITE 01	66	.020	.012	.006	.021	.014
	67	.007	.022	.007	.005	.014
HAMMOND						
SITE 01	66	.006	.013	.007	.002	.007
	67	.009	.014	.013	.003	.010
INDIANAPOLIS						
SITE 01	66	.003	.004	.010	.006	.006
	67	.004	.005	.005	.003	.004
MUNCIE						
SITE 01	66	.001	.005	.000	.004	.002
	67	.005	.002	.000	.000	.002
NEW ALBANY						
SITE 02	67	.004	.000	.001	.001	.001
SOUTH BEND						
SITE 01	66	.012	.006	.001	.015	.008
	67	.002	.009	.007	.007	.006
TERRE HAUTE						
SITE 01	67	.000	.001	.001	.000	.000
IOWA						
CEDAR RAPIDS						
SITE 01	67	.000	.000	.000	.000	.000
DAVENPORT						
SITE 01	66	.000	.000	.000	.000	.000
DES MOINES						
SITE 01	66	.000	.000	.002	.000	.000
	67	.001	.001	.000	.001	.000
DUBUQUE						
SITE 01	66	.002	.008	.006	.003	.006
	67	.006	.001	.003	.000	.002
KANSAS						
KANSAS CITY						
SITE 01	66	.000	.000	.000	.000	.000
TOPEKA						
SITE 01	67	.000	.000	.000	.000	.000
WICHITA						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.001	.000	.000
KENTUCKY						
ASHLAND						
SITE 01	66	.000	.000	.001	.001	.000
COVINGTON						
SITE 01	66	.003	.002	.011	.010	.006
	67	.006	.004	.006	.003	.004

Table 7-26 (continued). TIN URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
KENTUCKY						
LEXINGTON						
SITE 01	67	.004	.001	.002	.000	.002
LOUISVILLE						
SITE 01	66	.001	.000	.001	.013	.003
	67	.004	.005	.003	.000	.003
LOUISIANA						
NEW ORLEANS						
SITE 02	66	.000	.003	.000	.001	.001
	67	.005	.006	.003	.001	.003
MARYLAND						
BALTIMORE						
SITE 01	66	.003	.005	.003	.005	.004
	67	.010	.007	.003	.002	.005
MICHIGAN						
DETROIT						
SITE 01	66	.007	.011	.009	.014	.010
	67	.013	.017	.017	.007	.013
FLINT						
SITE 01	67	.006	.005	.001	.000	.002
GRAND RAPIDS						
SITE 01	67	.025	.004	.013	.008	.012
MINNESOTA						
DULUTH						
SITE 01	66	.001	.000	.000	.000	.000
MINNEAPOLIS						
SITE 01	66	.001	.002	.000	.004	.002
	67	.005	.000	.004	.000	.002
MOORHEAD						
SITE 01	66	.000	.000	.000	.000	.000
ST PAUL						
SITE 01	66	.003	.002	.003	.000	.001
	67	.007	.000	.001	.000	.002
MISSISSIPPI						
JACKSON						
SITE 01	66	.000	.001	.000	.000	.000
MISSOURI						
KANSAS CITY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.001	.001	.000	.000	.000
ST LOUIS						
SITE 01	66	.008	.006	.005	.005	.006
	67	.008	.013	.010	.012	.011
MONTANA						
HELENA						
SITE 01	66	.003	.000	.000	.000	.001
	67	.000	.000	.001	.000	.000
NEBRASKA						
OMAHA						
SITE 01	66	.000	.006	.003	.018	.007
	67	.006	.007	.003	.002	.004
NEVADA						
LAS VEGAS						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
RENO						
SITE 01	67	.010	.000	.000	.000	.000
NEW HAMPSHIRE						
CONCORD						
SITE 01	66	.001	.000	.001	.003	.001
	67	.003	.001	.003	.000	.002
NEW JERSEY						
BAYONNE						
SITE 01	67	.012	.013	.020	.055	.025
BURLINGTON COUNTY						
SITE 02	66	.012	.001	.000	.000	.018
	67	.012	.007	.007	.001	.007
CAMDEN						
SITE 01	66	.003	.006	.003	.003	.004
GLASSBORO						
SITE 01	66	.004	.001	.003	.003	.002
	67	.005	.003	.003	.000	.003

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
NEW JERSEY						
JERSEY CITY						
SITE 01	66	.010	.006	.006	.001	.006
	67	.015	.003	.010	.003	.008
NEWARK						
SITE 01	66	.013	.006	.004	.011	.008
	67	.011	.004	.007	.001	.008
PATERSON						
SITE 01	67	.012	.011	.006	.001	.007
PERTH AMBOY						
SITE 01	66	.000	.002	.001	.003	.003
	67	.004	.004	.002	.002	.004
TRENTON						
SITE 01	66	.003	.003	.006	.011	.005
NEW MEXICO						
ALBUQUERQUE						
SITE 01	66	.001	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEW YORK						
NEW YORK CITY						
SITE 01	66	.009	.001	.002	.005	.006
	67	.007	.010	.008	.004	.007
NORTH CAROLINA						
CHARLOTTE						
SITE 01	66	.000	.000	.001	.000	.000
	67	.000	.002	.000	.000	.000
OHIO						
AKRON						
SITE 01	66	.011	.002	.003	.011	.007
	67	.010	.004	.007	.000	.005
CINCINNATI						
SITE 01	66	.002	.013	.010	.011	.009
	67	.016	.003	.002	.002	.008
CLEVELAND						
SITE 01	66	.013	.004	.005	.008	.007
	67	.016	.003	.007	.005	.008
COLUMBUS						
SITE 01	66	.000	.000	.002	.000	.000
	67	.000	.000	.001	.000	.000
DAYTON						
SITE 01	66	.004	.004	.002	.004	.003
	67	.002	.003	.007	.012	.006
TOLEDO						
SITE 01	66	.001	.003	.001	.009	.003
	67	.000	.000	.011	.004	.003
YOUNGSTOWN						
SITE 01	66	.001	.008	.010	.003	.005
	67	.007	.006	.004	.002	.005
OKLAHOMA						
OKLAHOMA CITY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.001	.000	.000
TULSA						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
OREGON						
EUGENE						
SITE 01	67	.000	.000	.002	.000	.000
MEDFORD						
SITE 01	67	.000	.000	.000	.000	.000
PORTLAND						
SITE 01	66	.003	.000	.000	.003	.001
	67	.003	.000	.003	.000	.001
PENNSYLVANIA						
ALLENTOWN						
SITE 01	67	.000	.006	.003	.000	.002
ALTOONA						
SITE 01	67	.003	.001	.003	.000	.001
BETHLEHEM						
SITE 01	67	.002	.008	.001	.000	.003

Table 7-26 (continued). TIN, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
PENNSYLVANIA						
LANCASTER						
SITE 01	66	.006	.002	.006	.005	.005
	67	.002	.000	.001	.002	.001
PHILADELPHIA						
SITE 01	66	.015	.013	.018	.010	.014
	67	.006	.007	.007	.001	.005
PITTSBURGH						
SITE 01	66	.003	.001	.007	.002	.004
	67	.013	.006	.006	.002	.006
READING						
SITE 01	66	.010	.007	.005	.021	.011
	67	.002	.000	.002	.011	.004
WARMINSTER						
SITE 01	66	.000	.000	.000	.005	.001
	67	.001	.001	.006	.001	.002
WEST CHESTER						
SITE 01	67	.002	.002	.000	.001	.001
YORK						
SITE 01	67	.006	.008	.000	.003	.004
PUERTO RICO						
BAYAMON						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
CATANO						
SITE 01	66	.000	.000	.001	.000	.000
	67	.001	.000	.000	.000	.000
GUAYANILLA						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PONCE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
RHODE ISLAND						
EAST PROVIDENCE						
SITE 01	67	.009	.005	.000	.000	.003
PROVIDENCE						
SITE 01	66	.010	.010	.006	.000	.006
	67	.007	.009	.003	.004	.006
SOUTH CAROLINA						
COLUMBIA						
SITE 01	67	.000	.000	.000	.000	.000
GREENVILLE						
SITE 01	66	.000	.000	.000	.000	.000
SOUTH DAKOTA						
SIOUX FALLS						
SITE 01	66	.000	.000	.000	.000	.000
TENNESSEE						
CHATTANOOGA						
SITE 01	66	.000	.003	.013	.005	.004
	67	.012	.003	.000	.006	.005
KNOXVILLE						
SITE 01	67	.001	.001	.000	.000	.000
MEMPHIS						
SITE 01	66	.002	.000	.002	.000	.000
	67	.000	.001	.000	.000	.000
NASHVILLE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.002	.001	.000	.000	.001

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
TEXAS						
DALLAS						
SITE 01	66	.005	.008	.001	.000	.003
HOLSTON						
SITE 01	66	.004	.000	.003	.014	.005
	67	.004	.000	.000	.007	.003
PASADENA						
SITE 01	67	.004	.006	.001	.001	.005
SAN ANTONIO						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
UTAH						
OGDEN						
SITE 01	66	.000	.000	.001	.001	.001
SALT LAKE CITY						
SITE 01	66	.000	.000	.000	.008	.002
	67	.004	.000	.000	.000	.001
VERMONT						
BURLINGTON						
SITE 01	66	.000	.000	.001	.000	.000
VIRGINIA						
DANVILLE						
SITE 01	66	.001	.000	.002	.000	.001
HAMPTON						
SITE 01	67	.004	.001	.001	.001	.001
LYNCHBURG						
SITE 01	67	.003	.014	.001	.002	.005
NORFOLK						
SITE 01	66	.000	.000	.000	.000	.000
	67	.001	.002	.001	.000	.001
PORTSMOUTH						
SITE 01	67	.001	.001	.000	.000	.000
RICHMOND						
SITE 01	67	.001	.007	.001	.001	.002
ROANOKE						
SITE 01	67	.006	.003	.002	.000	.003
WASHINGTON						
SEATTLE						
SITE 01	66	.003	.001	.001	.005	.002
	67	.006	.001	.000	.000	.002
WEST VIRGINIA						
CHARLESTON						
SITE 01	66	.001	.000	.001	.000	.000
	67	.006	.004	.000	.000	.002
WISCONSIN						
KENOSHA						
SITE 01	67	.006	.004	.001	.003	.003
MADISON						
SITE 01	67	.000	.000	.000	.000	.000
MILWAUKEE						
SITE 01	66	.000	.000	.000	.003	.005
	67	.005	.000	.001	.005	.005
WYOMING						
CASPER						
SITE 01	67	.000	.000	.000	.000	.000
CHEYENNE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000

Table 7-27. TIN, NONURBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ARIZONA						
GRAND CANYON NAT PK						
SITE 01	66	.0003	.0011	.0008	.0012	.0008
	67	.0000	.0000	.0000	.0004	.0001
ARKANSAS						
MONTGOMERY COUNTY						
SITE 01	66	.0006	.0000	.0010	.0011	.0007
	67	.0000	.0000	.0000	.0003	.0001
CALIFORNIA						
HUMBOLDT COUNTY						
SITE 01	66	.0011	.0008	.0011	.0006	.0009
	67	.0000	.0010	.0000	.0025	.0009
COLORADO						
MESA VERDE NAT PK						
SITE 01	66	.0010	.0003	.0007	.0006	.0006
	67	.0000	.0000	.0000	.0000	.0000
DELAWARE						
KENT COUNTY						
SITE 01	66	.0048	.0015	.0042	.0063	.0042
	67	.0022	.0006	.0009	.0021	.0014
IDAHO						
BLTTE COUNTY						
SITE 01	67	.0000	.0000	.0000	.0000	.0000
INDIANA						
MONROE COUNTY						
SITE 01	66	.0023	.0011	.0012	.0022	.0017
	67	.0000	.0003	.0006	.0009	.0005
PARKE COUNTY						
SITE 01	66	.0023	.0019	.0014	.0022	.0019
	67	.0003	.0003	.0005	.0010	.0005
MAINE						
ACADIA NAT PK						
SITE 01	66	.0015	.0005	.0021	.0024	.0016
	67	.0043	.0036	.0040	.0020	.0035
MARYLAND						
CALVERT COUNTY						
SITE 01	66	.0025	.0019	.0023	.0035	.0025
	67	.0009	.0037	.0019	.0034	.0025
MISSISSIPPI						
JACKSON COUNTY						
SITE 01	66	.0020	.0014	.0021	.0013	.0017
	67	.0009	.0000	.0000	.0005	.0003
MISSOURI						
SHANNON COUNTY						
SITE 01	66	.0003	.0000	.0008	.0009	.0005
	67	.0000	.0008	.0020	.0004	.0008
MONTANA						
GLACIER NAT PK						
SITE 01	66	.0010	.0007	.0004	.0004	.0006
	67	.0010	.0000	.0000	.0005	.0004
NEBRASKA						
THOMAS COUNTY						
SITE 01	66	.0000	.0000	.0007	.0004	.0003
	67	.0000	.0000	.0000	.0000	.0000
NEVADA						
WHITE PINE COUNTY						
SITE 01	66	.0008	.0013	.0004	.0009	.0008
	67	.0006	.0000	.0000	.0003	.0002
NEW HAMPSHIRE						
COOS COUNTY						
SITE 01	66	.0016	.0017	.0026	.0032	.0023
	67	.0012	.0005	.0010	.0014	.0010

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
NEW MEXICO						
RIO ARRIBA COUNTY						
SITE 01	66	.0006	.0006	.0003	.0008	.0006
	67	.0000	.0000	.0000	.0000	.0000
NEW YORK						
JEFFERSON COUNTY						
SITE 01	66	.0040	.0022	.0048	.0024	.0033
	67	.0011	.0016	.0013	.0022	.0015
NORTH CAROLINA						
CAPE HATTERAS						
SITE 01	66	.0010	.0000	.0007	.0016	.0008
	67	.0000	.0000	.0004	.0007	.0003
OKLAHOMA						
CHEROKEE COUNTY						
SITE 01	66	.0000	.0003	.0010	.0009	.0005
	67	.0003	.0000	.0000	.0000	.0001
OREGON						
CURRY COUNTY						
SITE 01	66	.0003	.0000	.0000	.0000	.0001
	67	.0000	.0000	.0000	.0006	.0001
PENNSYLVANIA						
CLARION COUNTY						
SITE 01	66	.0021	.0012	.0024	.0029	.0021
	67	.0032	.0014	.0027	.0038	.0028
RHODE ISLAND						
WASHINGTON COUNTY						
SITE 01	66	.0048	.0037	.0018	.0027	.0032
	67	.0020	.0026	.0040	.0032	.0029
SOUTH CAROLINA						
RICHLAND COUNTY						
SITE 01	66	.0000	.0005	.0000	.0000	.0001
	67	.0011	.0007	.0000	.0013	.0008
SOUTH DAKOTA						
BLACK HILLS NAT FOR						
SITE 01	66	.0000	.0000	.0000	.0000	.0000
	67	.0003	.0000	.0000	.0006	.0002
TEXAS						
MATAGORDA COUNTY						
SITE 01	66	.0011	.0005	.0003	.0000	.0005
	67	.0004	.0000	.0000	.0000	.0001
VERMONT						
ORANGE COUNTY						
SITE 01	66	.0016	.0008	.0006	.0014	.0011
	67	.0019	.0015	.0009	.0011	.0012
VIRGINIA						
SHENANDOAH NAT PK						
SITE 01	66	.0011	.0019	.0021	.0015	.0016
	67	.0006	.0003	.0000	.0015	.0006
WISCONSIN						
DOOR COUNTY						
SITE 01	67	.0017	.0011	.0012	.0015	.0014
WYOMING						
YELLOWSTONE PARK						
SITE 01	66	.0004	.0000	.0009	.0004	.0004
	67	.0005	.0000	.0000	.0004	.0002

Table 7-28. TITANIUM, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ALABAMA						
BIRMINGHAM						
SITE 01	66	.03	.02	.00	.03	.02
GADSDEN						
SITE 01	66	.00	.00	.00	.00	.00
HUNTSVILLE						
SITE 01	67	.00	.00	.00	.00	.00
MOBILE						
SITE 01	66	.01	.03	.03	.03	.02
MONTGOMERY						
SITE 01	67	.00	.00	.00	.00	.00
ALASKA						
ANCHORAGE						
SITE 02	66	.11	.16	.20	.15	.13
SITE 03	67	.00	.15	.07	.04	.06
FAIRBANKS						
SITE 01	67	.00	.08	.24	.13	.11
ARIZONA						
MARICOPA COUNTY						
SITE 01	66	.01	.01	.08	.01	.03
	67	.02	.00	.05	.00	.02
PHOENIX						
SITE 02	66	.10	.07	.09	.15	.10
	67	.09	.06	.07	.06	.07
TUCSON						
SITE 01	66	.10	.11	.00	.02	.06
	67	.00	.01	.00	.01	.00
ARKANSAS						
LITTLE ROCK						
SITE 01	66	.01	.09	.00	.00	.02
	67	.00	.00	.02	.01	.01
WEST MEMPHIS						
SITE 01	66	.00	.00	.00	.00	.00
CALIFORNIA						
BURBANK						
SITE 02	66	.06	.03	.10	.03	.05
GLENDALE						
SITE 01	67	.02	.00	.02	.00	.01
LONG BEACH						
SITE 01	67	.03	.02	.03	.02	.02
LOS ANGELES						
SITE 01	66	.04	.02	.05	.00	.03
	67	.03	.02	.06	.01	.03
OAKLAND						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.01	.01	.00
PASADENA						
SITE 01	66	.03	.02	.10	.02	.04
SAN DIEGO						
SITE 01	66	.01	.00	.00	.02	.01
	67	.00	.00	.00	.00	.00
SAN FRANCISCO						
SITE 01	66	.00	.00	.01	.01	.00
	67	.00	.00	.00	.01	.00
COLORADO						
DENVER						
SITE 01	66	.01	.01	.01	.01	.01
CONNECTICUT						
HARTFORD						
SITE 01	66	.02	.00	.00	.02	.01
NEW HAVEN						
SITE 01	66	.00	.02	.00	.00	.00
	67	.03	.03	.00	.01	.02
DELAWARE						
NEWARK						
SITE 01	66	.01	.02	.03	.00	.01
	67	.02	.02	.02	.01	.02
WILMINGTON						
SITE 01	66	.02	.00	.00	.01	.01
	67	.01	.00	.06	.03	.02

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
DISTRICT OF COLUMBIA						
WASHINGTON						
SITE 01	66	.00	.00	.00	.00	.00
	67	.01	.00	.02	.00	.01
GEORGIA						
ATLANTA						
SITE 01	66	.04	.03	.03	.01	.02
	67	.04	.10	.04	.02	.05
HAWAII						
HONOLULU						
SITE 01	66	.02	.01	.02	.02	.02
	67	.01	.06	.04	.02	.03
IDAHO						
BOISE						
SITE 01	66	.01	.03	.10	.01	.04
	67	.01	.00	.05	.00	.01
ILLINOIS						
CHICAGO						
SITE 01	66	.02	.00	.01	.00	.01
	67	.02	.02	.02	.03	.02
EAST ST LOUIS						
SITE 01	67	.01	.02	.05	.02	.02
ROCKFORD						
SITE 01	67	.00	.00	.02	.00	.00
SPRINGFIELD						
SITE 01	67	.00	.00	.02	.00	.00
INDIANA						
EAST CHICAGO						
SITE 01	66	.01	.02	.03	.03	.02
	67	.02	.04	.04	.00	.02
HAMMOND						
SITE 01	66	.00	.01	.01	.00	.00
	67	.00	.05	.03	.00	.02
INDIANAPOLIS						
SITE 01	66	.00	.00	.02	.02	.01
	67	.02	.03	.02	.01	.02
MUNCIE						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
NEW ALBANY						
SITE 02	67	.01	.00	.00	.02	.01
SOUTH BEND						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.02	.01	.00	.01
TERRE HAUTE						
SITE 01	67	.03	.03	.07	.00	.03
IOWA						
CEDAR RAPIDS						
SITE 01	67	.04	.03	.02	.00	.02
DAVENPORT						
SITE 01	66	.00	.00	.00	.00	.00
DES MOINES						
SITE 01	66	.00	.00	.00	.00	.00
	67	.02	.03	.03	.00	.02
DUBUQUE						
SITE 01	66	.00	.00	.02	.01	.01
	67	.03	.02	.03	.00	.02
KANSAS						
KANSAS CITY						
SITE 01	66	.00	.00	.00	.00	.00
TOPEKA						
SITE 01	67	.00	.00	.00	.00	.00
WICHITA						
SITE 01	66	.00	.00	.00	.00	.00
	67	.02	.02	.00	.00	.01
KENTUCKY						
ASHLAND						
SITE 01	66	.02	.03	.03	.06	.03
COVINGTON						
SITE 01	66	.05	.00	.03	.03	.03
	67	.00	.02	.03	.00	.01

Table 7-28 (continued). TITANIUM, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
KENTUCKY						
LEXINGTON						
SITE 01	67	.00	.02	.02	.01	.01
LOUISVILLE						
SITE 01	66	.00	.03	.03	.04	.02
	67	.07	.03	.03	.00	.03
LOUISIANA						
NEW ORLEANS						
SITE 02	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
MARYLAND						
BALTIMORE						
SITE 01	66	.03	.03	.03	.05	.03
	67	.04	.04	.04	.00	.03
MICHIGAN						
DETROIT						
SITE 01	66	.02	.02	.04	.06	.03
	67	.07	.06	.06	.02	.05
FLINT						
SITE 01	67	.01	.02	.00	.00	.01
GRAND RAPIDS						
SITE 01	67	.00	.02	.02	.00	.01
MINNESOTA						
DULUTH						
SITE 01	66	.00	.04	.03	.02	.02
MINNEAPOLIS						
SITE 01	66	.01	.02	.00	.00	.01
	67	.04	.01	.01	.00	.01
MOORHEAD						
SITE 01	66	.00	.00	.00	.00	.00
ST PAUL						
SITE 01	66	.00	.00	.00	.00	.00
	67	.02	.02	.02	.00	.01
MISSISSIPPI						
JACKSON						
SITE 01	66	.00	.00	.00	.00	.00
MISSOURI						
KANSAS CITY						
SITE 01	66	.00	.00	.00	.02	.00
	67	.03	.01	.00	.00	.01
ST LOUIS						
SITE 01	66	.01	.00	.10	.02	.03
	67	.06	.03	.01	.00	.02
MONTANA						
HELENA						
SITE 01	66	.00	.00	.00	.00	.00
	67	.02	.02	.05	.00	.02
NEBRASKA						
OMAHA						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.02	.00	.00	.00
NEVADA						
LAS VEGAS						
SITE 01	66	.00	.00	.00	.00	.00
	67	.02	.02	.00	.00	.01
RENO						
SITE 01	67	.16	.07	.13	.02	.09
NEW HAMPSHIRE						
CONCORD						
SITE 01	66	.00	.00	.00	.00	.00
	67	.02	.00	.01	.00	.01
NEW JERSEY						
BAYONNE						
SITE 01	67	.05	.00	.03	.00	.02
BURLINGTON COUNTY						
SITE 02	66	.00	.00	.00	.00	.00
	67	.04	.02	.05	.00	.03
CAMDEN						
SITE 01	66	.02	.02	.03	.02	.02
GLASSBORO						
SITE 01	66	.00	.00	.01	.00	.00
	67	.00	.02	.02	.03	.01

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
NEW JERSEY						
JERSEY CITY						
SITE 01	66	.03	.00	.01	.00	.00
	67	.03	.11	.03	.00	.04
NEWARK						
SITE 01	66	.00	.01	.03	.03	.02
	67	.03	.02	.05	.00	.02
PATERSON						
SITE 01	67	.02	.04	.03	.00	.01
PERTH AMBOY						
SITE 01	66	.03	.02	.05	.01	.02
	67	.10	.05	.20	.01	.09
TRENTON						
SITE 01	66	.00	.00	.00	.00	.00
NEW MEXICO						
ALBUQUERQUE						
SITE 01	66	.00	.01	.00	.04	.01
	67	.04	.04	.00	.00	.02
NEW YORK						
NEW YORK CITY						
SITE 01	66	.01	.00	.01	.00	.00
	67	.03	.10	.13	.00	.06
NORTH CAROLINA						
CHARLOTTE						
SITE 01	66	.02	.16	.01	.10	.07
	67	.04	.02	.06	.01	.03
OHIO						
AKRON						
SITE 01	66	.00	.01	.03	.03	.02
	67	.06	.06	.07	.00	.05
CINCINNATI						
SITE 01	66	.02	.02	.02	.01	.02
	67	.14	.02	.06	.00	.05
CLEVELAND						
SITE 01	66	.01	.02	.02	.00	.01
	67	.07	.04	.01	.00	.03
COLUMBUS						
SITE 01	66	.01	.00	.02	.00	.01
	67	.02	.01	.02	.00	.01
DAYTON						
SITE 01	66	.02	.03	.00	.03	.02
	67	.07	.09	.02	.06	.06
TOLEDO						
SITE 01	66	.00	.00	.00	.00	.00
	67	.01	.02	.06	.00	.02
YOUNGSTOWN						
SITE 01	66	.02	.05	.11	.02	.05
	67	.06	.11	.03	.00	.05
OKLAHOMA						
OKLAHOMA CITY						
SITE 01	66	.00	.00	.01	.00	.00
	67	.00	.00	.00	.00	.00
TULSA						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
OREGON						
EUGENE						
SITE 01	67	.00	.02	.15	.00	.04
MEDFORD						
SITE 01	67	.01	.01	.10	.00	.03
PORTLAND						
SITE 01	66	.01	.02	.04	.00	.02
	67	.02	.06	.14	.01	.06
PENNSYLVANIA						
ALLENTOWN						
SITE 01	67	.00	.03	.03	.00	.01
ALTOONA						
SITE 01	67	.00	.02	.04	.00	.01
BETHLEHEM						
SITE 01	67	.03	.04	.00	.00	.02

Table 7-28 (continued). TITANIUM, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
PENNSYLVANIA						
LANCASTER						
SITE 01	66	.02	.00	.01	.00	.01
	67	.03	.00	.00	.00	.01
PHILADELPHIA						
SITE 01	66	.00	.01	.01	.00	.00
	67	.05	.06	.00	.00	.03
PITTSBURGH						
SITE 01	66	.02	.02	.03	.02	.02
	67	.06	.10	.03	.03	.05
READING						
SITE 01	66	.02	.01	.00	.02	.01
	67	.03	.00	.00	.00	.01
WARMINSTER						
SITE 01	66	.06	.02	.01	.00	.02
	67	.03	.01	.00	.00	.01
WEST CHESTER						
SITE 01	67	.07	.10	.00	.00	.04
YORK						
SITE 01	67	.04	.03	.00	.00	.02
PUERTO RICO						
BAYAMON						
SITE 01	66	.00	.01	.01	.00	.00
	67	.11	.02	.01	.00	.03
CATANO						
SITE 01	66	.01	.00	.00	.00	.00
	67	.03	.03	.00	.00	.01
GUAYANILLA						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.01	.00	.00	.00
PONCE						
SITE 01	66	.06	.00	.03	.06	.04
	67	.10	.04	.03	.02	.05
RHODE ISLAND						
EAST PROVIDENCE						
SITE 01	67	.01	.02	.00	.00	.01
PROVIDENCE						
SITE 01	66	.03	.02	.02	.00	.02
	67	.01	.02	.00	.00	.01
SOUTH CAROLINA						
COLUMBIA						
SITE 01	67	.02	.00	.00	.00	.00
GREENVILLE						
SITE 01	66	.10	.00	.01	.01	.03
SOUTH DAKOTA						
SIOUX FALLS						
SITE 01	66	.00	.00	.00	.00	.00
TENNESSEE						
CHATTANOOGA						
SITE 01	66	.02	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
KNOXVILLE						
SITE 01	67	.00	.00	.00	.00	.00
MEMPHIS						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
NASHVILLE						
SITE 01	66	.00	.00	.00	.01	.00
	67	.01	.03	.00	.00	.01

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
TEXAS						
DALLAS						
SITE 01	66	.00	.00	.00	.00	.00
HOUSTON						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
PASADENA						
SITE 01	67	.00	.00	.00	.00	.00
SAN ANTONIO						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
UTAH						
OGDEN						
SITE 01	66	.00	.00	.01	.01	.00
SALT LAKE CITY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00
VERMONT						
BURLINGTON						
SITE 01	66	.00	.00	.00	.00	.00
VIRGINIA						
DANVILLE						
SITE 01	66	.03	.00	.03	.00	.01
HAMPTON						
SITE 01	67	.01	.02	.01	.00	.01
LYNCHBURG						
SITE 01	67	.00	.00	.00	.00	.00
NORFOLK						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.01	.01	.00	.00
PORTSMOUTH						
SITE 01	67	.00	.02	.01	.00	.01
RICHMOND						
SITE 01	67	.01	.00	.00	.00	.00
ROANOKE						
SITE 01	67	.00	.00	.00	.00	.00
WASHINGTON						
SEATTLE						
SITE 01	66	.00	.00	.00	.01	.00
	67	.00	.00	.00	.00	.00
WEST VIRGINIA						
CHARLESTON						
SITE 01	66	.09	.09	.10	.10	.09
	67	.12	.13	.14	.02	.10
WISCONSIN						
KENOSHA						
SITE 01	67	.02	.00	.00	.01	.01
MADISON						
SITE 01	67	.00	.00	.00	.00	.00
MILWAUKEE						
SITE 01	66	.01	.00	.00	.01	.01
	67	.00	.00	.01	.01	.00
WYOMING						
CASPER						
SITE 01	67	.00	.00	.00	.00	.00
CHEYENNE						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.00	.00

Table 7-29. TITANIUM, NONURBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ARIZONA						
GRAND CANYON NAT PK						
SITE 01	66	.000	.024	.000	.014	.009
	67	.000	.000	.000	.000	.000
ARKANSAS						
MONTGOMERY COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
CALIFORNIA						
HUMBOLDT COUNTY						
SITE 01	66	.005	.000	.000	.000	.001
	67	.000	.000	.000	.000	.000
COLORADO						
MESA VERDE NAT PK						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
DELAWARE						
KENT COUNTY						
SITE 01	66	.027	.000	.012	.017	.014
	67	.010	.000	.000	.014	.006
IDAHO						
BUTTE COUNTY						
SITE 01	67	.000	.004	.024	.000	.007
INDIANA						
PORTER COUNTY						
SITE 01	66	.000	.000	.000	.004	.001
	67	.005	.000	.000	.000	.001
PARKE COUNTY						
SITE 01	66	.000	.000	.000	.015	.005
	67	.000	.000	.000	.000	.000
MAINE						
ACADIA NAT PK						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
MARYLAND						
CALVERT COUNTY						
SITE 01	66	.004	.004	.000	.000	.002
	67	.010	.000	.000	.000	.002
MISSISSIPPI						
JACKSON COUNTY						
SITE 01	66	.030	.006	.000	.000	.009
	67	.000	.000	.000	.000	.000
MISSOURI						
SHANNON COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
MONTANA						
GLACIER NAT PK						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEBRASKA						
THOMAS COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.008	.000	.000	.002
NEVADA						
WHITE PINE COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEW HAMPSHIRE						
COOS COUNTY						
SITE 01	66	.000	.000	.004	.000	.001
	67	.000	.000	.000	.000	.000

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
NEW MEXICO						
RIO ARRIBA COUNTY						
SITE 01	66	.000	.013	.000	.000	.003
	67	.000	.000	.000	.000	.000
NEW YORK						
JEFFERSON COUNTY						
SITE 01	66	.000	.000	.007	.038	.011
	67	.007	.005	.000	.005	.004
NORTH CAROLINA						
CAPE HATTERAS						
SITE 01	66	.018	.000	.000	.004	.005
	67	.008	.007	.000	.000	.004
OKLAHOMA						
CHEROKEE COUNTY						
SITE 01	66	.004	.000	.003	.000	.002
	67	.000	.000	.000	.000	.000
OREGON						
CURRY COUNTY						
SITE 01	66	.006	.000	.010	.000	.004
	67	.000	.000	.000	.000	.000
PENNSYLVANIA						
CLARION COUNTY						
SITE 01	66	.000	.040	.004	.000	.011
	67	.007	.003	.004	.011	.006
RHODE ISLAND						
WASHINGTON COUNTY						
SITE 01	66	.000	.016	.009	.000	.006
	67	.000	.006	.016	.000	.005
SOUTH CAROLINA						
RICHLAND COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.013	.000	.005	.004
SOUTH DAKOTA						
BLACK HILLS NAT FOR						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
TEXAS						
MATAGORDA COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
VERMONT						
ORANGE COUNTY						
SITE 01	66	.000	.004	.000	.000	.001
	67	.000	.008	.000	.000	.002
VIRGINIA						
SHENANDOAH NAT PK						
SITE 01	66	.000	.004	.008	.000	.003
	67	.000	.000	.000	.009	.002
WISCONSIN						
DOOR COUNTY						
SITE 01	67	.000	.000	.000	.000	.000
WYOMING						
YELLOWSTONE PARK						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000

Table 7-30. VANADIUM, URBAN QUARTERLY COMPOSITE

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ALABAMA						
BIRMINGHAM						
SITE 01	66	.000	.000	.000	.000	.000
GADSDEN						
SITE 01	66	.000	.000	.000	.000	.000
HUNTSVILLE						
SITE 01	67	.000	.000	.000	.000	.000
MOBILE						
SITE 01	66	.013	.012	.017	.012	.013
MONTGOMERY						
SITE 01	67	.000	.000	.003	.000	.001
ALASKA						
ANCHORAGE						
SITE 02	66	.009	.011	.013	.014	.009
SITE 03	67	.004	.011	.006	.003	.006
FAIRBANKS						
SITE 01	67	.000	.003	.007	.005	.004
ARIZONA						
MARICOPA COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
PHOENIX						
SITE 02	66	.000	.000	.000	.007	.002
	67	.004	.003	.000	.000	.002
TUCSON						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
ARKANSAS						
LITTLE ROCK						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
WEST MEMPHIS						
SITE 01	66	.000	.000	.000	.000	.000
CALIFORNIA						
BURBANK						
SITE 02	66	.009	.011	.012	.000	.015
GLENDALE						
SITE 01	67	.022	.005	.004	.008	.010
LONG BEACH						
SITE 01	67	.057	.017	.014	.016	.026
LOS ANGELES						
SITE 01	66	.062	.007	.008	.011	.022
	67	.034	.012	.008	.022	.019
OAKLAND						
SITE 01	66	.015	.015	.007	.022	.015
	67	.041	.034	.026	.018	.030
PASADENA						
SITE 01	66	.052	.000	.010	.000	.015
SAN DIEGO						
SITE 01	66	.019	.007	.011	.030	.017
	67	.034	.013	.023	.013	.021
SAN FRANCISCO						
SITE 01	66	.029	.000	.000	.038	.017
	67	.039	.000	.000	.023	.015
COLORADO						
DENVER						
SITE 01	66	.000	.000	.000	.000	.000
CONNECTICUT						
HARTFORD						
SITE 01	66	.230	.071	.034	.320	.164
NEW HAVEN						
SITE 01	66	.430	.440	.110	.330	.327
	67	.740	.460	.100	.670	.492
DELAWARE						
NEWARK						
SITE 01	66	.078	.034	.057	.044	.053
	67	.027	.070	.030	.056	.046
WILMINGTON						
SITE 01	66	.153	.113	.032	.170	.115
	67	.240	.220	.130	.170	.190

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
DISTRICT OF COLUMBIA						
WASHINGTON						
SITE 01	66	.230	.065	.048	.130	.119
	67	.200	.130	.100	.230	.165
GEORGIA						
ATLANTA						
SITE 01	66	.017	.000	.000	.038	.014
	67	.000	.004	.004	.000	.004
HAWAII						
HONOLULU						
SITE 01	66	.050	.013	.020	.019	.028
	67	.018	.026	.000	.018	.015
IDAHO						
BOISE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
ILLINOIS						
CHICAGO						
SITE 01	66	.091	.045	.038	.047	.048
	67	.100	.028	.038	.100	.059
EAST ST LOUIS						
SITE 01	67	.007	.000	.007	.003	.004
ROCKFORD						
SITE 01	67	.016	.000	.005	.004	.006
SPRINGFIELD						
SITE 01	67	.000	.000	.004	.003	.002
INDIANA						
EAST CHICAGO						
SITE 01	66	.036	.028	.014	.102	.042
	67	.100	.045	.026	.028	.050
HAMMOND						
SITE 01	66	.023	.027	.036	.014	.017
	67	.054	.047	.017	.020	.034
INDIANAPOLIS						
SITE 01	66	.013	.000	.008	.016	.009
	67	.019	.020	.014	.010	.016
MUNCIE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEW ALBANY						
SITE 02	67	.000	.000	.000	.006	.001
SOUTH BEND						
SITE 01	66	.160	.008	.010	.023	.050
	67	.110	.006	.003	.003	.030
TERRE HAUTE						
SITE 01	67	.000	.003	.004	.000	.002
IOWA						
CEDAR RAPIDS						
SITE 01	67	.011	.004	.002	.000	.004
DAVENPORT						
SITE 01	66	.000	.000	.000	.000	.000
DES MOINES						
SITE 01	66	.000	.000	.000	.000	.000
	67	.004	.000	.000	.000	.001
DUBUQUE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.006	.000	.000	.000	.001
KANSAS						
KANSAS CITY						
SITE 01	66	.000	.000	.000	.000	.000
TOPEKA						
SITE 01	67	.000	.000	.000	.000	.000
WICHITA						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
KENTUCKY						
ASHLAND						
SITE 01	66	.000	.000	.000	.000	.000
COVINGTON						
SITE 01	66	.006	.000	.000	.000	.001
	67	.003	.003	.000	.000	.001

Table 7-30 (continued). VANADIUM, URBAN QUARTERLY COMPOSITE

Station location	Year	Concentration, µg/m3				
		1st quar	2nd quar.	3rd quar.	4th quar.	Yrly avg
KENTUCKY						
LEXINGTON						
SITE 01	67	.003	.000	.003	.000	.001
LOUISVILLE						
SITE 01	66	.000	.000	.000	.007	.002
	67	.032	.003	.003	.000	.009
LOUISIANA						
NEW ORLEANS						
SITE 02	66	.006	.010	.006	.016	.009
	67	.017	.022	.041	.056	.034
MARYLAND						
BALTIMORE						
SITE 01	66	.340	.220	.110	.350	.255
	67	.350	.190	.130	.130	.200
MICHIGAN						
DETROIT						
SITE 01	66	.006	.007	.007	.000	.005
	67	.016	.015	.008	.007	.011
FLINT						
SITE 01	67	.003	.003	.000	.000	.001
GRAND RAPIDS						
SITE 01	67	.003	.000	.000	.000	.001
MINNESOTA						
DULUTH						
SITE 01	66	.000	.000	.000	.000	.000
MINNEAPOLIS						
SITE 01	66	.015	.000	.000	.005	.005
	67	.018	.003	.003	.000	.006
MOORHEAD						
SITE 01	66	.000	.000	.000	.000	.000
ST PAUL						
SITE 01	66	.014	.000	.000	.006	.005
	67	.077	.004	.000	.016	.024
MISSISSIPPI						
JACKSON						
SITE 01	66	.000	.000	.000	.000	.000
MISSOURI						
KANSAS CITY						
SITE 01	66	.013	.000	.000	.000	.003
	67	.022	.003	.000	.003	.007
ST LOUIS						
SITE 01	66	.019	.000	.010	.007	.009
	67	.025	.006	.000	.004	.009
MONTANA						
HELENA						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEBRASKA						
OMAHA						
SITE 01	66	.000	.000	.000	.000	.000
	67	.004	.000	.000	.000	.001
NEVADA						
LAS VEGAS						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
RENO						
SITE 01	67	.065	.022	.037	.018	.036
NEW HAMPSHIRE						
CONCORD						
SITE 01	66	.100	.029	.067	.097	.073
	67	.360	.072	.051	.092	.144
NEW JERSEY						
BAYONNE						
SITE 01	67	.900	.220	.330	.240	.445
BURLINGTON COUNTY						
SITE 02	66	.110	.034	.039	.027	.052
	67	.240	.074	.100	.036	.112
CAMDEN						
SITE 01	66	.280	.090	.150	.150	.167
GLASSBORO						
SITE 01	66	.052	.027	.038	.041	.038
	67	.058	.063	.070	.017	.052

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
NEW JERSEY						
JERSEY CITY						
SITE 01	66	.330	.160	.260	.300	.262
	67	.440	1.100	.230	.180	.487
NEWARK						
SITE 01	66	.340	.150	.230	.210	.257
	67	.620	.340	.260	.160	.345
PATERSON						
SITE 01	67	.710	1.200	.140	.200	.562
PERTH AMBOY						
SITE 01	66	.210	.150	.260	.190	.202
	67	.860	.310	.300	.092	.390
TRENTON						
SITE 01	66	.130	.150	.074	.086	.110
NEW MEXICO						
ALBUQUERQUE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEW YORK						
NEW YORK CITY						
SITE 01	66	.610	.250	.290	.400	.387
	67	.880	1.400	1.000	.340	.905
NORTH CAROLINA						
CHARLOTTE						
SITE 01	66	.024	.009	.008	.037	.019
	67	.034	.006	.017	.016	.018
OHIO						
AKRON						
SITE 01	66	.000	.000	.000	.000	.000
	67	.006	.006	.013	.000	.006
CINCINNATI						
SITE 01	66	.000	.004	.000	.003	.001
	67	.021	.004	.006	.000	.008
CLEVELAND						
SITE 01	66	.000	.000	.000	.000	.000
	67	.007	.007	.000	.000	.003
COLUMBUS						
SITE 01	66	.000	.000	.000	.000	.000
	67	.006	.000	.000	.000	.001
DAYTON						
SITE 01	66	.003	.004	.000	.003	.002
	67	.013	.014	.004	.007	.009
TOLEDO						
SITE 01	66	.000	.003	.000	.000	.001
	67	.005	.006	.011	.000	.005
YOUNGSTOWN						
SITE 01	66	.000	.006	.008	.003	.004
	67	.006	.008	.004	.000	.004
OKLAHOMA						
OKLAHOMA CITY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
TULSA						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
OREGON						
EUGENE						
SITE 01	67	.004	.006	.013	.000	.006
MEDFORD						
SITE 01	67	.003	.000	.003	.000	.001
PORTLAND						
SITE 01	66	.033	.027	.029	.042	.030
	67	.023	.050	.053	.025	.038
PENNSYLVANIA						
ALLENTOWN						
SITE 01	67	.100	.120	.071	.027	.079
ALTOONA						
SITE 01	67	.004	.004	.012	.000	.005
BETHLEHEM						
SITE 01	67	.130	.090	.014	.018	.063

Table 7-30 (continued). VANADIUM, URBAN QUARTERLY COMPOSITE

Station location	Year	Concentration, µg/m3				
		1st quar	2nd quar.	3rd quar.	4th quar.	Yrly avg
PENNSYLVANIA						
LANCASTER						
SITE 01	66	.056	.023	.035	.063	.044
	67	.091	.037	.017	.021	.041
PHILADELPHIA						
SITE 01	66	.200	.088	.095	.150	.133
	67	.430	.410	.076	.140	.264
PITTSBURGH						
SITE 01	66	.000	.000	.000	.000	.000
	67	.008	.012	.012	.034	.016
READING						
SITE 01	66	.160	.055	.035	.120	.092
	67	.210	.053	.019	.044	.081
WARMINSTER						
SITE 01	66	.280	.038	.024	.036	.094
	67	.240	.070	.030	.054	.098
WEST CHESTER						
SITE 01	67	.073	.110	.015	.032	.057
YORK						
SITE 01	67	.210	.093	.041	.110	.113
PUERTO RICO						
BAYAMON						
SITE 01	66	.094	.057	.069	.030	.062
	67	.310	.074	.100	.044	.132
CATANO						
SITE 01	66	.130	.065	.042	.032	.067
	67	.100	.036	.068	.020	.056
GUAYANILLA						
SITE 01	66	.011	.000	.011	.017	.010
	67	.027	.100	.013	.013	.038
PONCE						
SITE 01	66	.016	.000	.014	.024	.013
	67	.021	.016	.008	.006	.013
RHODE ISLAND						
EAST PROVIDENCE						
SITE 01	67	.180	.120	.062	.064	.106
PROVIDENCE						
SITE 01	66	.750	.290	.055	.270	.341
	67	.350	.350	.076	.310	.271
SOUTH CAROLINA						
COLUMBIA						
SITE 01	67	.017	.003	.000	.005	.006
GREENVILLE						
SITE 01	66	.036	.003	.000	.006	.011
SOUTH DAKOTA						
SIOUX FALLS						
SITE 01	66	.000	.000	.000	.000	.000
TENNESSEE						
CHATTANOOGA						
SITE 01	66	.008	.000	.000	.008	.004
	67	.010	.000	.000	.008	.004
KNOXVILLE						
SITE 01	67	.008	.000	.000	.000	.002
MEMPHIS						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NASHVILLE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.004	.003	.000	.000	.002

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
TEXAS						
DALLAS						
SITE 01	66	.000	.000	.000	.000	.000
HOUSTON						
SITE 01	66	.003	.000	.000	.002	.000
	67	.004	.000	.000	.000	.001
PASADENA						
SITE 01	67	.000	.000	.000	.000	.000
SAN ANTONIO						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
UTAH						
OGDEN						
SITE 01	66	.000	.000	.000	.000	.000
SALT LAKE CITY						
SITE 01	66	.000	.000	.005	.003	.002
	67	.010	.004	.003	.000	.004
VERMONT						
BURLINGTON						
SITE 01	66	.000	.095	.100	.120	.079
VIRGINIA						
DANVILLE						
SITE 01	66	.014	.000	.006	.015	.009
HAMPTON						
SITE 01	67	.035	.051	.011	.016	.028
LYNCHBURG						
SITE 01	67	.010	.000	.004	.006	.007
NORFOLK						
SITE 01	66	.037	.027	.016	.050	.032
	67	.068	.050	.052	.034	.051
PORTSMOUTH						
SITE 01	67	.034	.048	.021	.012	.034
RICHMOND						
SITE 01	67	.081	.037	.022	.049	.047
ROANOKE						
SITE 01	67	.006	.008	.010	.022	.011
WASHINGTON						
SEATTLE						
SITE 01	66	.033	.015	.011	.055	.028
	67	.030	.024	.013	.023	.022
WEST VIRGINIA						
CHARLESTON						
SITE 01	66	.016	.013	.014	.014	.014
	67	.011	.023	.023	.006	.016
WISCONSIN						
KENOSHA						
SITE 01	67	.006	.000	.000	.005	.003
MADISON						
SITE 01	67	.000	.000	.000	.000	.000
MILWAUKEE						
SITE 01	66	.000	.000	.004	.003	.002
	67	.005	.008	.003	.004	.005
WYOMING						
CASPER						
SITE 01	67	.000	.000	.000	.000	.000
CHEYENNE						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000

Table 7-31. VANADIUM, NONURBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ARIZONA						
GRAND CANYON NAT PK						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
ARKANSAS						
MONTGOMERY COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
CALIFORNIA						
HUMBOLDT COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.001	.001	.000
COLORADO						
MESA VERDE NAT PK						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
DELAWARE						
KENT COUNTY						
SITE 01	66	.057	.012	.022	.042	.033
	67	.034	.014	.015	.035	.024
IDAHO						
BLITE COUNTY						
SITE 01	67	.000	.000	.000	.000	.000
INDIANA						
MONROE COUNTY						
SITE 01	66	.000	.000	.000	.002	.000
	67	.001	.001	.000	.002	.001
PARKE COUNTY						
SITE 01	66	.000	.000	.000	.003	.001
	67	.001	.000	.000	.001	.000
MAINE						
ACADIA NAT PK						
SITE 01	66	.014	.010	.011	.013	.012
	67	.032	.037	.040	.009	.029
MARYLAND						
CALVERT COUNTY						
SITE 01	66	.048	.019	.004	.029	.025
	67	.110	.026	.003	.038	.044
MISSISSIPPI						
JACKSON COUNTY						
SITE 01	66	.005	.003	.003	.000	.003
	67	.004	.003	.004	.003	.003
MISSOURI						
SHANNON COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.003	.000	.001
MONTANA						
GLACIER NAT PK						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEBRASKA						
THOMAS COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEVADA						
WHITE PINE COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
NEW HAMPSHIRE						
COOS COUNTY						
SITE 01	66	.007	.006	.007	.020	.010
	67	.012	.005	.005	.009	.008

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
NEW MEXICO						
RIO ARRIBA COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.001	.000
NEW YORK						
JEFFERSON COUNTY						
SITE 01	66	.011	.006	.004	.006	.007
	67	.011	.011	.000	.014	.009
NORTH CAROLINA						
CAPE HATTERAS						
SITE 01	66	.006	.006	.004	.007	.006
	67	.005	.005	.005	.006	.005
OKLAHOMA						
CHEROKEE COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
OREGON						
CURRY COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.001	.000	.000
PENNSYLVANIA						
CLARION COUNTY						
SITE 01	66	.002	.002	.000	.002	.001
	67	.002	.002	.002	.002	.002
RHODE ISLAND						
WASHINGTON COUNTY						
SITE 01	66	.061	.027	.008	.031	.032
	67	.064	.058	.037	.035	.048
SOUTH CAROLINA						
RICHLAND COUNTY						
SITE 01	66	.005	.003	.000	.002	.002
	67	.006	.005	.000	.005	.004
SOUTH DAKOTA						
BLACK HILLS NAT FOR						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.011	.003
TEXAS						
MATAGORDA COUNTY						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000
VERMONT						
ORANGE COUNTY						
SITE 01	66	.037	.036	.005	.038	.029
	67	.100	.049	.009	.100	.064
VIRGINIA						
SHENANDOAH NAT PK						
SITE 01	66	.000	.000	.002	.004	.001
	67	.002	.002	.001	.005	.002
WISCONSIN						
DOOR COUNTY						
SITE 01	67	.001	.002	.000	.000	.001
WYOMING						
YELLOWSTONE PARK						
SITE 01	66	.000	.000	.000	.000	.000
	67	.000	.000	.000	.000	.000

Table 7-32. ZINC, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ALABAMA						
BIRMINGHAM						
SITE 01	66	1.8	1.0	1.4	1.7	1.5
GADSDEN						
SITE 01	66	.0	.0	.4	.3	.2
HUNTSVILLE						
SITE 01	67	.0	.0	.0	.0	.0
MOBILE						
SITE 01	66	.2	.4	.2	.4	.3
MONTGOMERY						
SITE 01	67	.0	.0	.0	.0	.0
ALASKA						
ANCHORAGE						
SITE 02	66	.0	.0	.0	.0	.0
SITE 03	67	.0	.0	.0	.0	.0
FAIRBANKS						
SITE 01	67	.0	.0	.0	.0	.0
ARIZONA						
MARICOPA COUNTY						
SITE 01	66	.0	.0	.0	.0	.0
	67	.0	.0	.0	.0	.0
PHOENIX						
SITE 02	66	.2	.2	.2	.3	.2
	67	.0	.0	.0	.0	.0
TUCSON						
SITE 01	66	.0	.0	.0	.0	.0
	67	.0	.0	.0	.0	.0
ARKANSAS						
LITTLE ROCK						
SITE 01	66	.0	.0	.0	.0	.0
	67	.0	.0	.0	.0	.0
WEST MEMPHIS						
SITE 01	66	.0	.0	.0	.0	.0
CALIFORNIA						
BURBANK						
SITE 02	66	.0	.0	.3	.0	.1
GLENDALE						
SITE 01	67	.0	.0	.0	.0	.0
LONG BEACH						
SITE 01	67	.2	.0	.1	.0	.1
LOS ANGELES						
SITE 01	66	.8	.0	.6	.0	.3
	67	.0	.0	.0	.1	.0
OAKLAND						
SITE 01	66	.2	.0	.0	.6	.2
	67	.3	.2	.2	1.0	.4
PASADENA						
SITE 01	66	.0	.0	.1	.0	.0
SAN DIEGO						
SITE 01	66	.0	.0	.0	.0	.0
	67	.0	.0	.0	.0	.0
SAN FRANCISCO						
SITE 01	66	.4	.0	.3	.5	.3
	67	.0	.0	.0	.0	.0
COLORADO						
DENVER						
SITE 01	66	.0	.0	.2	.2	.1
CONNECTICUT						
HARTFORD						
SITE 01	66	.6	.2	.1	.7	.4
NEW HAVEN						
SITE 01	66	.4	.4	.0	.2	.2
	67	.3	.1	.0	.1	.1
DELAWARE						
NEWARK						
SITE 01	66	.7	.0	.5	.3	.4
	67	.6	.0	.0	.0	.1
WILMINGTON						
SITE 01	66	.1	.3	.0	.4	.2
	67	.5	.0	.1	.4	.2

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
DISTRICT OF COLUMBIA						
WASHINGTON						
SITE 01	66	.0	.0	.0	.0	.0
	67	.0	.0	.0	.0	.0
GEORGIA						
ATLANTA						
SITE 01	66	.6	.4	.4	.0	.3
	67	.0	1.9	.7	.0	.6
HAWAII						
HONOLULU						
SITE 01	66	.0	.0	.0	.0	.0
	67	.0	.0	.0	.0	.0
IDAHO						
BOISE						
SITE 01	66	.0	.0	.0	.0	.0
	67	.0	.0	.0	.0	.0
ILLINOIS						
CHICAGO						
SITE 01	66	.9	.7	1.8	3.6	1.7
	67	1.2	.7	1.9	.8	1.1
EAST ST LOUIS						
SITE 01	67	.0	.6	1.1	1.0	.7
ROCKFORD						
SITE 01	67	.2	.0	1.2	.0	.3
SPRINGFIELD						
SITE 01	67	.0	.0	.1	.0	.0
INDIANA						
EAST CHICAGO						
SITE 01	66	1.2	.9	1.4	2.7	1.5
	67	.7	1.0	1.3	1.1	1.0
HAMMOND						
SITE 01	66	.0	.9	1.3	.0	.5
	67	.6	1.2	1.2	.0	.7
INDIANAPOLIS						
SITE 01	66	.0	.2	.6	.6	.3
	67	.0	.2	.6	.3	.3
MUNCIE						
SITE 01	66	.0	.4	.3	.2	.2
	67	.0	.0	.0	.0	.0
NEW ALBANY						
SITE 02	67	.0	.0	.0	.0	.0
SOUTH BEND						
SITE 01	66	.6	.3	.1	.6	.4
	67	.0	.3	.0	.5	.2
TERRE HAUTE						
SITE 01	67	.0	.1	.0	.0	.0
IOWA						
CEDAR RAPIDS						
SITE 01	67	.0	.0	.1	.0	.0
DAVENPORT						
SITE 01	66	.0	.0	.0	.0	.0
DES MOINES						
SITE 01	66	.0	.0	.0	.0	.0
	67	.0	.0	.0	.0	.0
DUBUQUE						
SITE 01	66	.0	3.5	.9	.2	1.1
	67	.5	.7	.6	.0	.4
KANSAS						
KANSAS CITY						
SITE 01	66	.0	.0	.0	.0	.0
TOPEKA						
SITE 01	67	.0	.0	.1	.0	.0
WICHITA						
SITE 01	66	.4	.0	.3	.4	.3
	67	.3	.0	.2	.2	.2
KENTUCKY						
ASHLAND						
SITE 01	66	.0	.3	.8	.5	.4
COVINGTON						
SITE 01	66	.9	.6	2.0	1.3	1.2
	67	.0	.2	.6	.5	.3

Table 7-32 (continued). ZINC, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
KENTUCKY						
LEXINGTON						
SITE 01	67	.0	.0	.0	.0	.0
LOUISVILLE						
SITE 01	66	.2	1.2	.1	.8	.6
	67	.8	.6	.9	.0	.6
LOUISIANA						
NEW ORLEANS						
SITE 02	66	.0	.0	.0	.0	.0
	67	.0	.0	.0	.0	.0
MARYLAND						
BALTIMORE						
SITE 01	66	.9	.2	.9	2.0	1.0
	67	.4	.2	.0	.1	.2
MICHIGAN						
DETROIT						
SITE 01	66	.0	.3	.0	.6	.2
	67	.9	1.2	.8	.6	.9
FLINT						
SITE 01	67	.1	.0	.0	.0	.0
GRAND RAPIDS						
SITE 01	67	1.8	.8	2.0	1.6	1.5
MINNESOTA						
DULUTH						
SITE 01	66	.0	.0	.0	.0	.0
MINNEAPOLIS						
SITE 01	66	.0	.0	.0	.0	.0
	67	.0	.0	.0	.0	.0
MOORHEAD						
SITE 01	66	.0	.0	.0	.0	.0
ST PAUL						
SITE 01	66	.0	.0	.0	.0	.0
	67	.0	.0	.3	.0	.1
MISSISSIPPI						
JACKSON						
SITE 01	66	.0	.0	1.3	.3	.4
MISSOURI						
KANSAS CITY						
SITE 01	66	.0	.0	.0	.0	.0
	67	.0	.7	.7	.0	.3
ST LOUIS						
SITE 01	66	1.9	.6	2.0	.0	1.1
	67	.4	.4	.6	.5	.5
MONTANA						
HELENA						
SITE 01	66	.0	.0	.0	.0	.0
	67	.0	.0	.0	.0	.0
NEBRASKA						
OMAHA						
SITE 01	66	.0	.2	.0	.0	.0
	67	.0	.5	.2	.0	.2
NEVADA						
LAS VEGAS						
SITE 01	66	.0	.0	.0	.0	.0
	67	.0	.0	.0	.0	.0
RENO						
SITE 01	67	.0	.0	.0	.0	.0
NEW HAMPSHIRE						
CONCORD						
SITE 01	66	.0	.0	.0	.0	.0
	67	.2	.0	.0	.0	.0
NEW JERSEY						
BAYONNE						
SITE 01	67	1.1	.3	.3	.1	.4
BURLINGTON COUNTY						
SITE 02	66	.8	.0	.6	.0	.3
	67	.6	.3	.6	.0	.4
CAMDEN						
SITE 01	66	.7	.0	.9	1.0	.6
GLASSBORO						
SITE 01	66	.3	.0	.1	.2	.1
	67	.1	.2	.0	.0	.1

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
NEW JERSEY						
JERSEY CITY						
SITE 01	66	.1	.9	.6	.4	.5
	67	.4	1.1	.2	.0	.4
NEWARK						
SITE 01	66	.8	.0	.5	.3	.4
	67	1.4	.8	.0	.0	.5
PATERSON						
SITE 01	67	.5	.3	.0	.0	.2
PERTH AMBOY						
SITE 01	66	.2	.2	2.3	1.0	.9
	67	1.4	.3	.3	.0	.5
TRENTON						
SITE 01	66	.3	.0	.2	1.1	.4
NEW MEXICO						
ALBUQUERQUE						
SITE 01	66	.0	.0	.0	.0	.0
	67	.0	.0	.0	.0	.0
NEW YORK						
NEW YORK CITY						
SITE 01	66	.0	.4	.2	.3	.2
	67	.6	.7	.4	.0	.4
NORTH CAROLINA						
CHARLOTTE						
SITE 01	66	.0	.0	.6	.5	.3
	67	.0	.0	.4	.0	.1
OHIO						
AKRON						
SITE 01	66	.0	.4	.3	.8	.4
	67	.3	.2	.1	.0	.1
CINCINNATI						
SITE 01	66	.5	3.2	1.4	1.7	1.7
	67	.5	.2	.6	1.1	.6
CLEVELAND						
SITE 01	66	.7	.1	.3	.7	.4
	67	.7	.7	.2	.2	.4
COLUMBUS						
SITE 01	66	.0	.0	.2	.0	.0
	67	.0	.0	.0	.0	.0
DAYTON						
SITE 01	66	.1	.6	.0	.3	.2
	67	.6	.8	.8	.6	.7
TOLEDO						
SITE 01	66	.0	.0	.0	.0	.0
	67	.0	.3	.2	.0	.1
YOUNGSTOWN						
SITE 01	66	.6	.1	1.5	.3	.5
	67	.6	1.6	.7	.0	.7
OKLAHOMA						
OKLAHOMA CITY						
SITE 01	66	.0	.0	.0	.0	.0
	67	.0	.0	.0	.0	.0
TULSA						
SITE 01	66	.0	.0	.0	.0	.0
	67	.0	.0	.0	.0	.0
OREGON						
EUGENE						
SITE 01	67	.0	.0	.0	.0	.0
MEDFORD						
SITE 01	67	.0	.0	.0	.0	.0
PORTLAND						
SITE 01	66	.0	.0	.0	.2	.0
	67	.0	.8	.2	.0	.2
PENNSYLVANIA						
ALLENTOWN						
SITE 01	67	1.1	1.2	.8	.0	.8
ALTOONA						
SITE 01	67	.3	.2	.4	.0	.2
BETHLEHEM						
SITE 01	67	.8	1.0	1.2	.6	.9

Table 7-32 (continued). ZINC, URBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
PENNSYLVANIA						
LANCASTER						
SITE 01	66	.2	.0	.0	.7	.4
	67	1.0	1.0	.1	.5	.6
PHILADELPHIA						
SITE 01	66	1.7	1.5	.8	1.5	1.4
	67	1.6	.8	.5	1.0	1.0
PITTSBURGH						
SITE 01	66	.0	.7	1.9	.5	.8
	67	.6	.4	.4	.0	.3
READING						
SITE 01	66	1.0	.6	.7	1.9	1.0
	67	.8	.3	.3	.1	.4
WARMINSTER						
SITE 01	66	.9	.3	.4	.0	.4
	67	.3	.3	.1	.0	.2
WEST CHESTER						
SITE 01	67	.6	.1	.0	.0	.2
YORK						
SITE 01	67	.3	.0	.0	.0	.1
PUERTO RICO						
BAYAMON						
SITE 01	66	.0	.0	.0	.0	.0
	67	.0	.0	.0	.0	.0
CATANO						
SITE 01	66	.0	.0	.0	.0	.0
	67	.0	.0	.0	.0	.0
GUAYANILLA						
SITE 01	66	.0	.0	.0	.0	.0
	67	.0	.0	.0	.0	.0
PONCE						
SITE 01	66	.0	.0	.0	.0	.0
	67	.0	.0	.0	.0	.0
RHODE ISLAND						
EAST PROVIDENCE						
SITE 01	67	.3	.0	.0	.0	.1
PROVIDENCE						
SITE 01	66	.0	.6	.0	.0	.1
	67	.2	.0	.0	.0	.0
SOUTH CAROLINA						
COLUMBIA						
SITE 01	67	.3	.5	.0	.0	.2
GREENVILLE						
SITE 01	66	.0	.0	.0	.0	.0
SOUTH DAKOTA						
SIOUX FALLS						
SITE 01	66	.0	.0	.0	.0	.0
TENNESSEE						
CHATTANOOGA						
SITE 01	66	.1	.2	.5	.4	.3
	67	1.2	.3	.0	.3	.4
KNOXVILLE						
SITE 01	67	.1	.1	.0	.0	.0
MEMPHIS						
SITE 01	66	.0	.0	.0	.0	.0
	67	.0	.0	.0	.0	.0
NASHVILLE						
SITE 01	66	.0	.0	.0	.0	.0
	67	.0	.0	.0	.0	.0

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
TEXAS						
DALLAS						
SITE 01	66	.0	.1	.0	.0	.0
HOUSTON						
SITE 01	66	.0	.0	.0	.3	.1
	67	.3	.0	.0	.0	.1
PASADENA						
SITE 01	67	.1	.0	.0	.0	.0
SAN ANTONIO						
SITE 01	66	.0	.0	.0	.0	.0
	67	.0	.0	.0	.0	.0
UTAH						
OGDEN						
SITE 01	66	.0	.0	.0	.0	.0
SALT LAKE CITY						
SITE 01	66	.0	.0	.6	.0	.1
	67	.1	.0	.0	.0	.0
VERMONT						
BURLINGTON						
SITE 01	66	.0	.0	.0	.0	.0
VIRGINIA						
DANVILLE						
SITE 01	66	.0	.0	.0	.0	.0
HAMPTON						
SITE 01	67	.2	.0	.0	.0	.0
LYNCHBURG						
SITE 01	67	.5	2.0	.6	.4	1.1
NORFOLK						
SITE 01	66	.0	.0	.0	.0	.0
	67	.1	.0	.0	.0	.0
PORTSMOUTH						
SITE 01	67	.0	.2	.0	.0	.0
RICHMOND						
SITE 01	67	.1	.0	.0	.0	.0
ROANOKE						
SITE 01	67	1.1	.2	1.2	.0	.6
WASHINGTON						
SEATTLE						
SITE 01	66	.2	.4	.0	.1	.2
	67	.0	.0	.0	.0	.0
WEST VIRGINIA						
CHARLESTON						
SITE 01	66	.0	.0	.0	.0	.0
	67	.0	.1	.0	.0	.0
WISCONSIN						
KENOSHA						
SITE 01	67	.6	.8	.0	.4	.4
MADISON						
SITE 01	67	.0	.0	.0	.0	.0
MILWAUKEE						
SITE 01	66	.3	.0	.4	.0	.2
	67	.0	1.1	.0	.0	.3
WYOMING						
CASPER						
SITE 01	67	.0	.0	.0	.0	.0
CHEYENNE						
SITE 01	66	.0	.0	.0	.0	.0
	67	.0	.0	.0	.0	.0

Table 7-33. ZINC, NONURBAN QUARTERLY COMPOSITES

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
ARIZONA						
GRAND CANYON NAT PK						
SITE 01	66	.08	.00	.00	.09	.04
	67	.00	.00	.00	.19	.05
ARKANSAS						
MONTGOMERY COUNTY						
SITE 01	66	.22	.00	.00	.04	.06
	67	.00	.00	.00	.08	.02
CALIFORNIA						
HUMBOLDT COUNTY						
SITE 01	66	.27	.13	.09	.07	.14
	67	.00	.00	.00	.16	.04
COLORADO						
MESA VERDE NAT PK						
SITE 01	66	.20	.00	.17	.06	.11
	67	.00	.00	.00	.18	.04
DELAWARE						
KENT COUNTY						
SITE 01	66	.19	.00	.11	.63	.23
	67	.00	.00	.00	.31	.08
IDAHO						
BUTTE COUNTY						
SITE 01	67	.00	.00	.00	.05	.01
INDIANA						
PENROSE COUNTY						
SITE 01	66	.44	.00	.00	.27	.18
	67	.00	.00	.00	.00	.00
PARKE COUNTY						
SITE 01	66	.20	.06	.12	.35	.18
	67	.00	.00	.00	.11	.03
MAINE						
ACADIA NAT PK						
SITE 01	66	.00	.00	.11	.00	.03
	67	.00	.00	.00	.22	.05
MARYLAND						
CALVERT COUNTY						
SITE 01	66	.14	.26	.14	.00	.13
	67	.00	.00	.00	.18	.04
MISSISSIPPI						
JACKSON COUNTY						
SITE 01	66	.11	.20	.00	.05	.09
	67	.00	.00	.00	.13	.03
MISSOURI						
SHANNON COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.09	.02
MONTANA						
GLACIER NAT PK						
SITE 01	66	.00	.00	.00	.06	.01
	67	.00	.00	.00	.16	.04
NEBRASKA						
THOMAS COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.00	.00	.00	.05	.01
NEVADA						
WHITE PINE COUNTY						
SITE 01	66	.08	.16	.00	.00	.06
	67	.00	.00	.00	.04	.01
NEW HAMPSHIRE						
COOS COUNTY						
SITE 01	66	.24	.33	.40	.15	.28
	67	.05	.00	.00	.28	.08

Station location	Year	Concentration, µg/m3				
		1st quar.	2nd quar.	3rd quar.	4th quar.	Yrly avg
NEW MEXICO						
RIO ARRIBA COUNTY						
SITE 01	66	.00	.00	.00	.17	.04
	67	.00	.00	.00	.10	.02
NEW YORK						
JEFFERSON COUNTY						
SITE 01	66	.06	.11	.24	.08	.12
	67	.00	.00	.00	.22	.05
NORTH CAROLINA						
CAPE HATTERAS						
SITE 01	66	.00	.00	.11	.36	.12
	67	.00	.00	.00	.07	.02
OKLAHOMA						
CHEROKEE COUNTY						
SITE 01	66	.00	.00	.04	.10	.03
	67	.00	.00	.04	.00	.01
OREGON						
CURRY COUNTY						
SITE 01	66	.00	.00	.04	.00	.01
	67	.07	.00	.00	.27	.08
PENNSYLVANIA						
CLARION COUNTY						
SITE 01	66	.00	.00	.06	.06	.03
	67	.24	.46	.18	.44	.33
RHODE ISLAND						
WASHINGTON COUNTY						
SITE 01	66	.20	.22	.00	.00	.10
	67	.07	.14	.16	.26	.16
SOUTH CAROLINA						
RICHLAND COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.11	.05	.00	.07	.06
SOUTH DAKOTA						
BLACK HILLS NAT FOR						
SITE 01	66	.05	.05	.00	.00	.02
	67	.06	.00	.00	.11	.04
TEXAS						
MATAGORDA COUNTY						
SITE 01	66	.04	.05	.00	.00	.02
	67	.08	.00	.00	.12	.05
VERMONT						
ORANGE COUNTY						
SITE 01	66	.00	.00	.00	.00	.00
	67	.13	.08	.00	.00	.05
VIRGINIA						
SHENANDOAH NAT PK						
SITE 01	66	.00	.41	.32	.11	.21
	67	.08	.07	.00	.13	.07
WISCONSIN						
DOOR COUNTY						
SITE 01	67	.35	.22	.11	.00	.17
WYOMING						
YELLOWSTONE PARK						
SITE 01	66	.00	.00	.05	.00	.01
	67	.27	.00	.00	.08	.09

SECTION 8.
GASEOUS POLLUTANTS AND SOILING INDEX

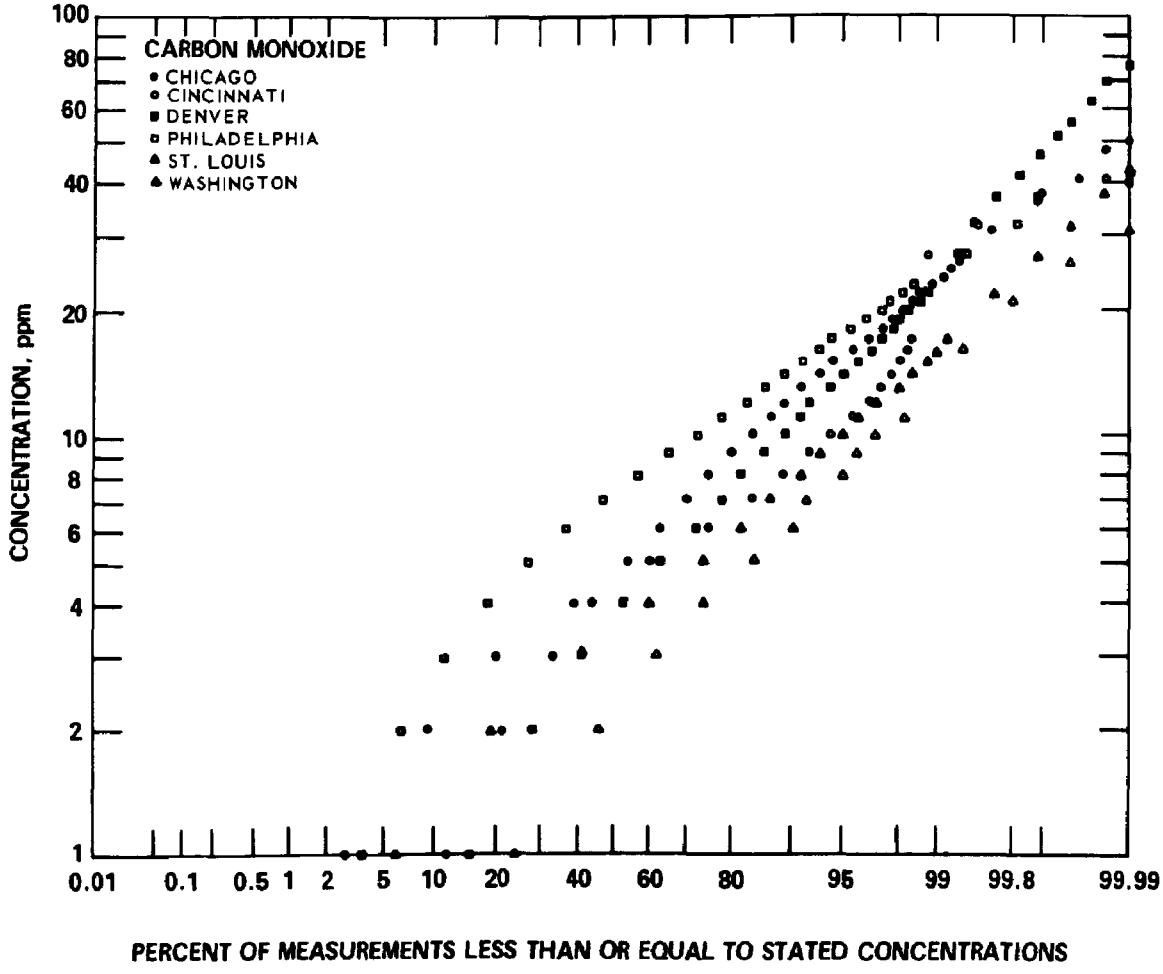

Figure 8-1. Annual frequency distributions of carbon monoxide, CAMP, 1968, 5-minute values.

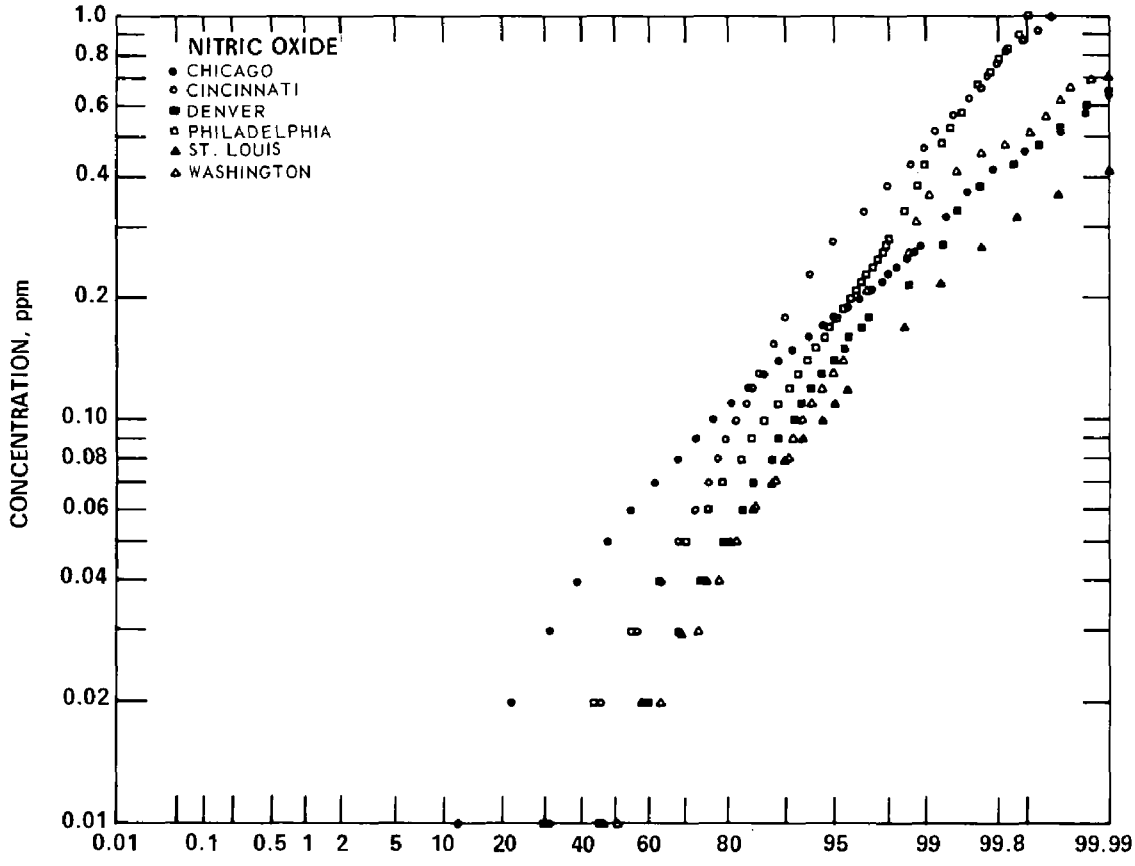

Figure 8-2. Annual frequency distributions of nitric oxide, CAMP, 1968, 5-minute values.

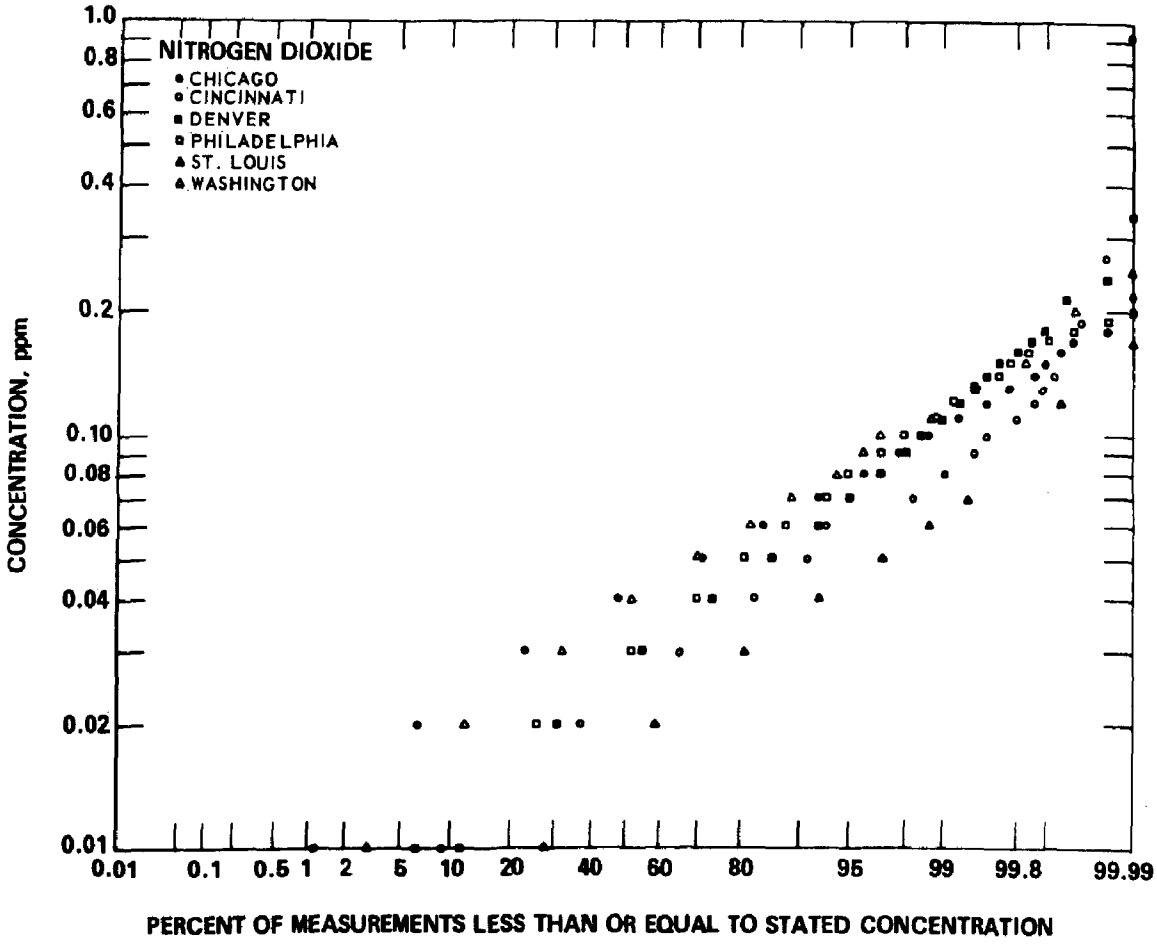

Figure 8-3. Annual frequency distributions of nitrogen dioxide, CAMP, 1968, 5-minute values.

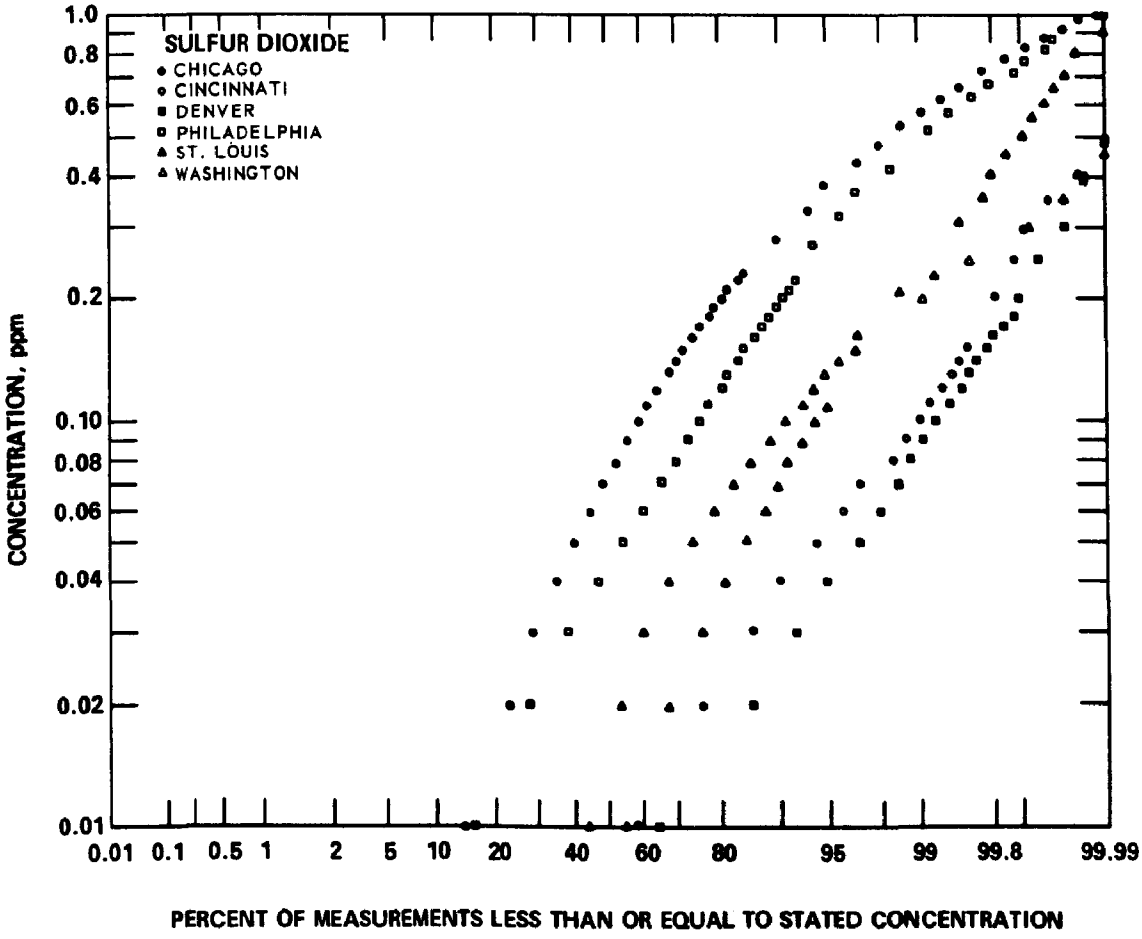

Figure 8-4. Annual frequency distributions of sulfur dioxide, CAMP, 1968, 5-minute values.

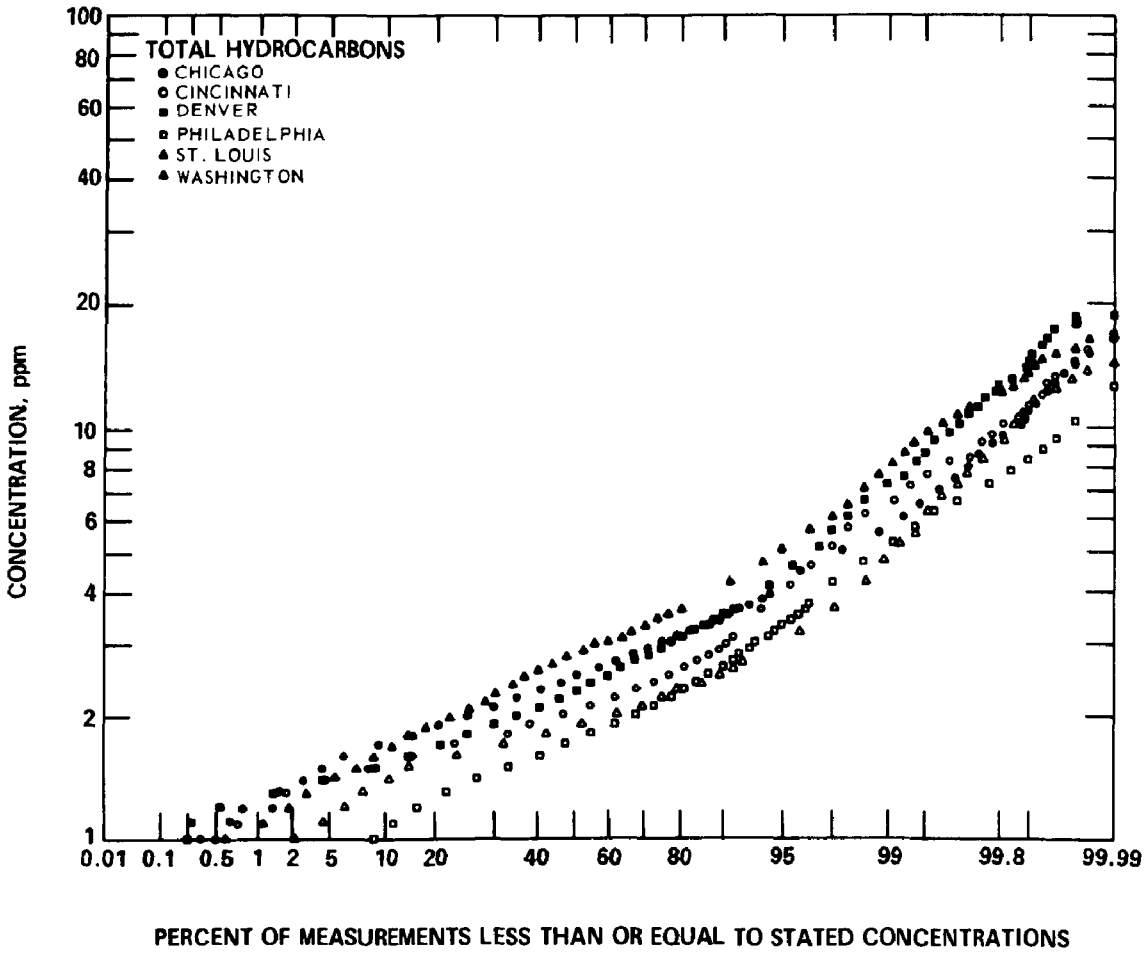

Figure 8-5. Annual frequency distributions of total hydrocarbons, CAMP, 1968, 5-minute values.

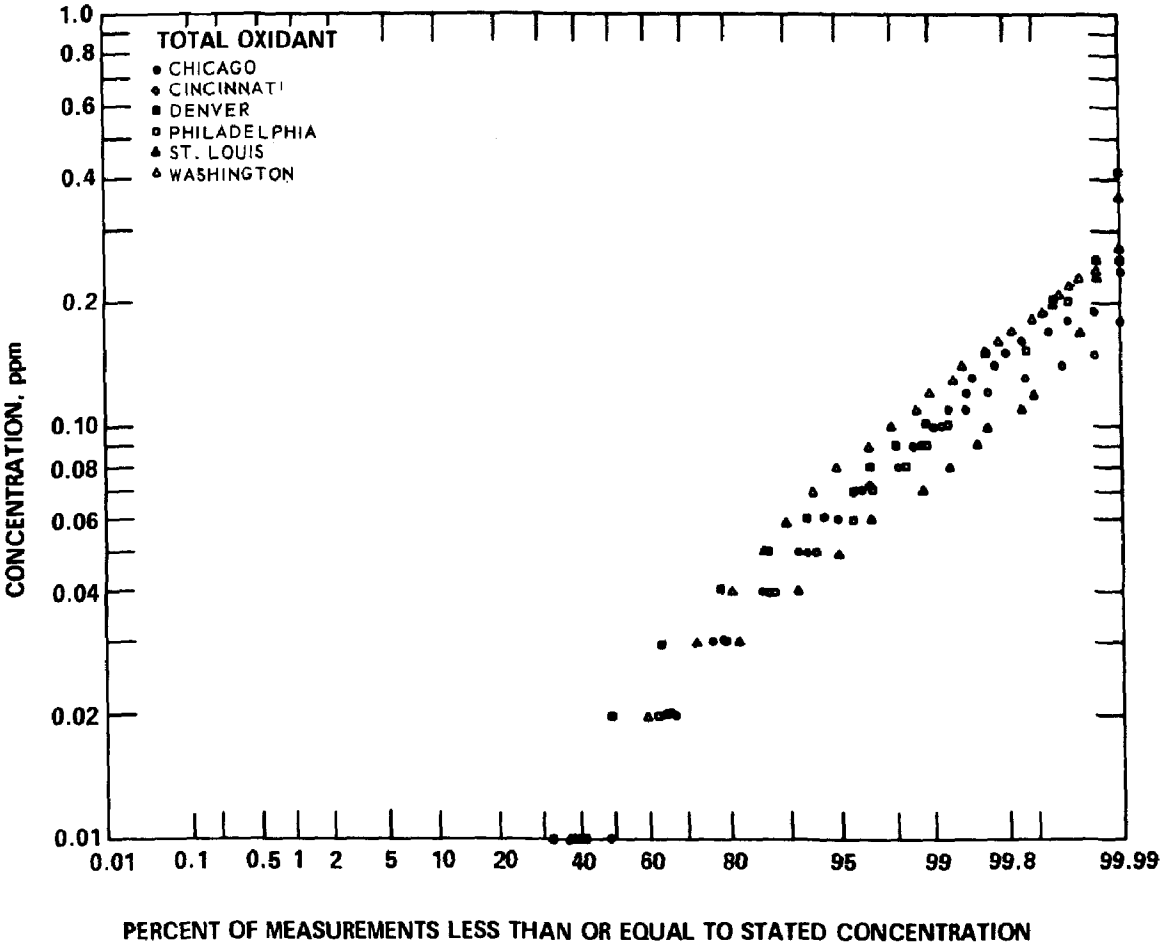

Figure 8-6. Annual frequency distribution of total oxidant, CAMP, 1968, 5-minute values.

Table 8-1. FREQUENCY DISTRIBUTION OF CONCENTRATION OF GASEOUS ATMOSPHERIC POLLUTANTS, CAMP, 1968

(5-minute values)

Pollutant, city	Valid data, percent	Concentration, ppm										
		Minimum	Frequency distribution, percentile								Maximum	Arithmetic mean
			10	30	50	70	90	95	98	99		
Carbon monoxide												
Chicago	65	0	1	3	5	7	13	16	20	24	57	6.2
Cincinnati	57	0	3	4	5	6	9	11	15	31	45	5.6
Denver	71	0	1	3	4	6	11	14	19	24	90	5.3
Philadelphia	48	0	3	6	8	10	15	18	22	25	49	8.5
St. Louis	86	0	2	3	4	5	8	10	13	16	47	4.6
Washington, D.C.	82	0	1	2	3	4	6	8	11	14	59	3.3
Nitric oxide												
Chicago	79	0.00	0.01	0.03	0.06	0.09	0.15	0.18	0.23	0.28	0.66	0.071
Cincinnati	34	0.00	0.00	0.01	0.03	0.06	0.18	0.27	0.38	0.46	1.26	0.064
Denver	62	0.00	0.00	0.01	0.02	0.04	0.10	0.14	0.21	0.26	0.68	0.036
Philadelphia	70	0.00	0.00	0.02	0.03	0.05	0.12	0.18	0.28	0.41	1.68	0.054
St. Louis	66	0.00	0.00	0.01	0.02	0.04	0.08	0.11	0.16	0.20	0.44	0.032
Washington, D.C.	71	0.00	0.00	0.01	0.01	0.03	0.08	0.13	0.23	0.33	0.76	0.035
Nitrogen dioxide												
Chicago	78	0.00	0.03	0.04	0.05	0.05	0.07	0.08	0.10	0.11	0.29	0.048
Cincinnati	73	0.00	0.02	0.02	0.03	0.04	0.05	0.06	0.07	0.08	1.19	0.031
Denver	71	0.00	0.01	0.02	0.03	0.04	0.06	0.07	0.09	0.11	0.38	0.036
Philadelphia	77	0.00	0.02	0.03	0.03	0.04	0.07	0.08	0.10	0.12	0.22	0.039
St. Louis	81	0.00	0.01	0.02	0.02	0.03	0.04	0.05	0.06	0.07	0.20	0.023
Washington, D.C.	64	0.00	0.02	0.03	0.04	0.05	0.08	0.09	0.11	0.12	0.26	0.047
Sulfur dioxide												
Chicago	80	0.00	0.01	0.04	0.08	0.14	0.28	0.36	0.48	0.57	1.33	0.117
Cincinnati	76	0.00	0.00	0.00	0.01	0.02	0.04	0.06	0.08	0.10	1.49	0.017
Denver	60	0.00	0.00	0.00	0.01	0.02	0.03	0.04	0.06	0.08	1.81	0.012
Philadelphia	89	0.00	0.01	0.03	0.05	0.08	0.19	0.28	0.40	0.48	1.10	0.080
St. Louis	90	0.00	0.00	0.00	0.01	0.03	0.07	0.11	0.18	0.23	1.35	0.028
Washington, D.C.	74	0.00	0.00	0.00	0.02	0.05	0.10	0.13	0.17	0.20	0.47	0.036
Hydrocarbon												
Chicago	75	0.0	1.9	2.3	2.7	3.2	4.1	4.7	5.6	6.6	17.3	2.90
Cincinnati	81	0.5	1.7	2.0	2.2	2.6	4.0	5.1	6.5	7.4	18.1	2.58
Denver	71	0.0	1.7	2.1	2.5	3.1	4.4	5.4	7.0	8.5	18.7	2.89
Philadelphia	60	0.0	1.3	1.6	1.9	2.3	3.3	4.1	5.1	5.9	13.3	2.14
St. Louis	89	0.4	2.0	2.6	3.1	3.7	5.0	6.0	8.0	9.4	17.1	3.40
Washington, D.C.	82	0.0	1.6	1.8	2.0	2.3	3.0	3.6	4.9	6.0	18.6	2.23
Total Oxidant												
Chicago	55	0.00	0.00	0.01	0.02	0.03	0.05	0.07	0.09	0.10	0.47	0.023
Cincinnati	26	0.00	0.00	0.01	0.02	0.03	0.05	0.06	0.08	0.10	0.19	0.022
Denver	48	0.00	0.00	0.01	0.03	0.04	0.06	0.07	0.09	0.11	0.43	0.029
Philadelphia	42	0.00	0.00	0.01	0.02	0.03	0.05	0.06	0.08	0.10	0.31	0.022
St. Louis	48	0.00	0.00	0.01	0.02	0.03	0.04	0.05	0.07	0.08	0.37	0.022
Washington, D.C.	59	0.00	0.00	0.01	0.02	0.03	0.06	0.08	0.10	0.12	0.29	0.027

Table 8-2. CARBON MONOXIDE, DAILY AVERAGES, 1968
(ppm)

CHICAGO

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4.8	6.6	5.0	8.7				4.4	2.3	3.2	3.7	
2	6.5	6.5	5.9	6.3			4.9	5.0	5.0	3.8	4.6	8.1
3	4.8	7.4	3.9	4.8	13.1			6.9	8.6	4.7	4.1	5.9
4	5.1	7.6	6.8	5.0			3.0	4.4	7.0	6.5	8.0	4.2
5	4.8	13.0	7.0	6.5				2.9	12.0	6.1	8.4	3.8
6	6.7	6.6	7.7	3.5			5.2	5.8	9.5	2.4	8.9	5.7
7	4.6	7.9	7.2	1.5			3.3	9.2	8.5	4.5	7.4	6.8
8	5.7	4.8	10.2					8.3	5.3	5.7	5.1	6.8
9	4.8	6.8	9.1	6.6				9.5		4.6	5.3	
10	9.2	6.0	3.8	7.3						7.9	4.5	4.3
11	8.4	3.7	5.5	4.1				3.5		8.4	6.3	5.9
12	7.5	6.1	5.8					3.5		9.9	5.5	3.9
13	8.2	5.2	6.3				6.9				5.6	2.4
14	4.2	5.3	4.7				3.3				8.2	3.9
15	8.3	5.6	4.9				4.8			4.3	11.1	3.2
16	9.0	4.6					6.6			7.1	8.7	4.4
17	6.8	4.5					7.4			3.6	3.0	6.3
18	5.7	4.0				10.7	8.4		4.6	3.8	4.0	7.4
19	4.8	7.0	6.0	11.8		11.7	10.7		4.3	3.1	4.4	4.0
20	4.2	7.0	6.3	6.5		11.4	9.7	9.7	7.1	3.0	4.0	4.7
21	3.6	6.5	7.5	7.5		9.2	8.5	8.4	6.4	5.0	4.8	5.5
22	5.5	6.2	7.3			6.2	9.6	7.9	7.2	2.2	7.4	2.8
23	7.2	8.1	4.1				7.9	8.6	7.5	5.3	3.1	4.3
24	4.4	7.6	2.1					5.5	4.9	9.2	2.6	4.4
25	5.4	5.5				9.5		4.4	4.5	9.8	6.2	3.1
26	12.8	6.6	10.1			5.1	10.2	7.2	8.8	5.2	7.5	5.0
27	9.8	4.9	5.3			3.8	7.6	7.8	7.5	3.0	9.0	13.2
28	9.9	16.3	4.1			2.3		12.4	5.7	6.2	5.3	4.4
29			8.7	12.6		0.4		11.5	3.9	6.6	5.0	3.2
30				13.9		0.0		9.6	5.1	9.2	5.6	4.1
31	6.4						2.7	5.3		7.5		2.8
Monthly mean	6.5	6.7	6.1				6.5	7.1	6.5	5.6	5.9	4.9

CINCINNATI

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4.4	6.5	11.7	4.9	6.5	5.0		3.5			3.5	7.1
2	5.6	5.1	11.7	5.1	7.5	3.9	5.3	3.7			5.5	5.9
3	4.1	5.4	11.8	4.9		3.4	4.5	3.9			5.5	
4	4.0	4.9		4.5		5.4	8.4	3.6			5.8	8.1
5	6.2	5.7		5.0		7.5		6.4				7.1
6	6.0	10.8	5.4	5.3		9.0		6.4			6.6	6.7
7	5.1	8.0	5.3	5.3	15.6	10.4					6.4	5.8
8	5.6	6.2	5.9	4.3	14.7	8.1					6.2	5.6
9	5.7	6.2	4.6	4.9		5.7	3.9				6.4	
10	6.0	6.5	3.8	5.5		3.5	5.7				6.5	
11	6.7	6.3	4.0	5.5		3.4	5.8				6.1	
12	7.3	6.2	4.1	6.3		2.5	18.4				6.5	
13	7.3	6.8	4.3	6.6		3.6	32.4	2.9			6.5	
14	5.9	4.9	5.4	5.3		4.5	31.7	2.8			7.0	
15	5.8	4.5	5.8	5.7		3.4		2.6			6.1	
16	6.4	4.7		7.1		3.4		2.4			5.7	
17		2.9	6.3	6.1		3.4		2.0			5.0	
18	6.5	3.9	6.6	6.1			3.1	1.9		4.5	4.8	
19	4.8	4.9	5.2	5.8		4.2	3.5	2.2		7.8	4.0	
20	5.1	4.8	5.0	5.5		3.5	3.1	2.2		5.8	3.1	
21	4.8	5.2	5.1	5.1		6.3	2.5	4.0		5.9	2.0	
22	5.8	5.2	4.8	5.6		5.8		3.8		4.0	7.0	
23	5.3	5.4	3.7	4.6		3.4		3.8		5.7	5.2	
24	5.8	5.7	4.2	3.9	5.9	3.4		6.2		7.8	4.8	
25	7.6	4.0	4.8	4.4	6.3	3.6	4.7	4.3		5.9	5.9	
26		7.9	4.8	5.6	7.2	3.7	2.7			6.8	3.9	
27		7.7		5.2	5.9	4.1	3.4			3.7	5.4	
28		7.4	5.0	6.2	4.7		2.3	3.0		4.5	4.8	
29		9.9	5.7	6.0	4.9		3.7			4.0	5.8	
30			6.1	5.8	4.9		3.2			5.5	6.1	
31			4.7		5.7		3.0			7.1		3.7
Monthly mean	5.7	5.9	5.7	5.4		4.7	7.7	3.5			5.5	

Table 8-2 (continued). CARBON MONOXIDE, DAILY AVERAGES, 1968

(ppm)

DENVER

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	14.1	4.7		4.4	4.4	4.9		3.3		5.3	6.3	3.2
2		6.9		4.5	3.7	4.0		5.5			3.7	4.6
3		7.3		4.5	3.8	4.7	4.8	3.1	5.9	6.1	4.8	4.9
4	12.7	3.6		5.0	3.1	4.6	3.1	2.7	4.6	5.8	8.0	4.5
5	8.4			6.7	2.0	5.3		4.8	3.1	4.7	4.0 r	7.7
6		4.3		4.0	3.8	3.9		3.6	5.8	4.7	4.1	5.0
7		10.4	4.5	2.0	4.4	7.0		4.1	3.3	8.3	9.3	
8			2.8	5.2	6.4	3.6		4.0	3.3	5.9	6.8	
9	13.2			3.6	5.3	2.8		4.0	7.1	6.2	3.9	
10		7.4		4.8	4.7	5.0	4.0	2.5	5.4	10.1	2.3	16.8
11		3.8		4.9	3.6	6.6	5.2	2.5	5.9	8.0	5.1	5.3
12		4.2	4.0	4.0	4.0	7.6	4.2	4.6	4.9	8.6	4.9	2.9
13		5.2	6.7	2.0	4.2	7.4	2.3	4.5	5.6	4.5	5.3	6.8
14		5.9	2.1	2.3	4.8	5.6	1.5	5.4	3.8	4.7	5.2	14.1
15		7.1	4.0	6.7	4.6	2.4	5.3	5.3	2.5	4.4	9.2	8.5
16		5.9		5.5	5.2	1.2	4.3	4.4	4.2	3.8	3.5	14.4
17		4.5	0.6	5.4	5.5	5.4	3.5	2.8	4.8	2.9	2.4	8.5
18		5.5	2.8	5.8	4.1	4.0	3.9	4.0	7.3		9.0	6.6
19		3.0	3.0	4.5	3.7	5.1	4.2	4.7	5.1		8.4	6.6
20	5.1	5.9	3.3	4.3	5.5	5.3	2.5	4.5	6.4		21.1	5.7
21	6.2	8.9	5.5	2.8	4.8	5.1	1.1	4.6	3.9		11.1	3.7
22	6.9	5.9	7.5	4.5	4.5	3.5			2.9	5.6	5.1	4.0
23	8.8		5.6	4.4	3.9	2.7			7.6		2.4	14.5
24	8.6		4.1	6.1	6.9	3.7			5.6	9.8	4.1	15.0
25	6.3		4.9	4.0	4.4	3.7			7.1	10.2	5.3	5.2
26	5.8			4.4	2.9	5.7		7.4	6.0	3.9	9.2	7.7
27	5.9		4.3	3.4	4.8	6.6		4.4		3.6	7.3	4.9
28	6.1		3.5	2.9	5.1	6.6		4.4		6.4	1.4	4.7
29	8.3		6.7	4.6	6.6				4.7	5.8	7.0	4.2
30	14.7		3.6	4.9	3.6		2.0		7.4	5.4	8.5	5.3
31	7.1		2.5		5.5		1.5			4.1		10.1
Monthly mean	8.6	5.9	4.0	4.4	4.5	4.8	3.3	4.3	5.1	5.9	6.2	7.3

PHILADELPHIA

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2.5	10.2		1.5	7.4		6.9	10.1				
2	6.1	7.3		5.1	7.3		8.0	10.3				
3	9.8	9.8		7.9	7.9	11.5	7.1	9.2				
4	7.6	9.4		6.8	5.6		8.5	10.7				
5	5.3			4.0	5.4		8.8	9.9				
6	5.9	17.6			7.6	6.5	7.0					
7	2.8	19.6			5.2	5.7	5.4					
8	2.2	7.3		5.0	6.0	3.1	6.0	9.8				
9	6.1	7.0		8.4	5.5	2.8	5.7	8.8				
10	6.6				6.4	3.0	10.2					
11	6.8		14.0		5.0	4.9	11.7	12.8				
12	6.5		10.8	18.9	8.1	7.3						
13	6.7	3.9	8.5		5.5	4.3						
14	4.7	5.6	8.1									
15	5.0	2.9	5.7	9.1								
16	7.0	4.4	6.5		10.3		8.7					
17	12.1		9.2		11.0	4.5	10.0					
18	14.0	4.8	8.0	10.9	10.6		9.6					
19	14.2	7.1		10.4	6.2		9.0					
20	13.6	7.9	5.8		5.4	9.9	6.3					
21	12.7	9.1	5.6	4.8	4.9	12.3	7.1					
22	12.6	12.4	1.8	6.1	7.8	11.9	6.8					
23	13.7	12.3	3.8	5.4	9.8	10.0	6.3					
24	8.0	10.5	7.5	7.4		10.3	7.4					
25	5.2	9.3	7.5	6.1		7.5	10.2					
26	4.9	10.6	5.5	5.7		8.0	12.5					
27	10.1		9.5	6.2	4.2	6.9	11.3					
28	12.7		12.9	6.3	6.4	5.7	8.5					
29	10.5	16.7	10.2	7.1	6.1	6.4	10.1					
30	10.3		10.4	7.3	6.7	7.2	13.1					
31	11.4				6.6							
Monthly mean	8.4	9.3	11.5	7.2	6.9	7.0	8.4					

Table 8-2 (continued). CARBON MONOXIDE, DAILY AVERAGES, 1968

(ppm)

ST. LOUIS

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	5.4	3.6	5.0	4.0	3.8	3.0	4.6		5.8	5.4	6.1	4.0
2	7.4	2.9	2.0	5.2	5.0	4.0	3.0		4.4	5.6	5.0	6.6
3	5.2	4.0	4.3	4.4	3.6	4.3	3.5		5.2	4.6	3.6	4.7
4	4.9	3.3	4.0	3.3	3.7	4.1	3.8		5.2	5.9	6.6	6.1
5	7.1	4.4	3.1	3.8	3.5	4.3	3.8	7.4	2.6	4.8	9.2	4.0
6	3.1	4.7	4.1		4.8	4.7	3.7	6.1	3.7	3.9	4.6	6.9
7	3.9	2.1	5.4		4.9	5.4	3.6	5.9	4.2	6.5	3.9	3.6
8	7.5	4.3	5.0		5.2	5.2	5.0	6.0	2.0	5.8	4.2	3.7
9	5.4	4.0	4.4	2.1	3.1	4.6	4.9	3.4	3.1	4.3	4.3	5.5
10	4.5	4.9	2.1	4.1	4.7	5.6	4.1	2.8	3.4	5.5	4.7	6.8
11	5.5	4.7	3.5	4.5	3.0	3.5	5.6	3.8		6.5	3.9	5.8
12	6.1	5.0	3.2	3.8	3.3	2.9	4.8	4.2	7.0	4.8	5.3	3.7
13	4.4	5.9	6.5	3.2	5.0	4.9	2.9	3.2	7.7	3.8	6.4	3.4
14	3.5	6.0	4.9	1.9	4.8	5.5	1.8		6.9	5.8	6.9	3.7
15	5.4	4.6	6.6	4.1	4.0	3.9		6.3	6.2	4.6	4.5	3.9
16	7.8	7.9	5.0	4.2	3.5	2.7	4.2	6.0	7.7	5.6	3.2	8.5
17	8.1	3.7	2.8	4.1	4.3	4.1	5.4	3.4	7.0	4.6	3.3	7.6
18	7.5	3.1	5.9	4.4	3.3	4.5		3.3	6.4	5.2	4.4	7.4
19	7.5	4.4	5.6	4.8	2.8	3.5		7.4	6.5	5.3	4.6	4.2
20	5.8	3.3	2.1	3.1	3.6	3.5		5.6	5.7	4.7	5.9	5.0
21	4.5	4.2	2.2		4.2	4.0		3.6	4.7	5.8	7.0	4.7
22	7.5	3.3	2.4		5.5	3.3		5.3	4.9	3.2	8.5	2.8
23	3.9	5.3	1.4	3.1	6.0	2.9		4.3	6.2	5.7	4.5	3.7
24	5.4	4.4	2.6	3.4	4.9	5.5		0.8	5.6	3.4	5.3	4.1
25	5.3	3.8		4.5	4.4	3.7		1.8	6.8	4.8	8.1	3.1
26	6.3	5.4	4.9	4.1	1.6	3.9		4.8	5.6	4.0		5.5
27	5.0	3.7	2.6	4.2	3.5	4.5		5.4	8.9	2.7	4.2	7.1
28	3.7	3.4	4.3	3.2	4.0	5.3		5.7	5.6	3.0	2.4	3.1
29	6.0	2.7	4.2		3.8	3.6		6.0	5.0	4.5	4.8	3.3
30	4.1		2.6	3.8	3.5	3.6		6.7	5.9	6.1	5.3	6.2
31	4.0		0.8		5.2					7.3		4.4
Monthly mean	5.5	4.3	3.8	3.8	4.1	4.1	4.0	4.7	5.6	5.0	5.2	5.0

WASHINGTON

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	4.0	6.8		1.5	2.0	2.4	2.2	2.4	2.0	4.0		4.3
2	5.4	7.2		2.5		2.5	3.0	2.5	2.2	2.8		4.6
3	6.3	5.7		2.4	3.8	3.5	3.8	1.8	4.4	2.9		5.4
4	5.0	4.7		2.0	2.5	3.2	3.7	2.4	4.4	2.2		3.3
5	5.9	4.6		1.2	1.6	3.6	3.7	2.9	3.5	3.2		3.4
6	5.7	7.9		1.0	2.0	2.3	2.6	2.5	2.7	4.2		5.1
7	5.1	8.8		0.7	2.7	2.2	1.7	2.9	2.4	2.2		3.5
8	5.6	5.1		1.9	2.1	1.3	2.2	2.2	3.9	2.1		3.0
9	5.4	5.0		2.1	0.9	1.3	2.1	2.6	2.6	1.8		3.7
10	5.1	5.0		2.8	1.8	1.4	2.0	1.9	2.5	2.3		5.0
11	5.1	4.2		2.7	0.8	1.9	2.0	1.3	2.8	3.0		6.3
12	5.8	4.8		2.6	1.2	3.6	1.9	2.4	1.8	3.1		4.3
13	5.1	5.9		1.2	1.5	3.2	2.2	1.6		2.6		
14	4.1	7.1		1.2	1.5	2.7	1.7	3.6	4.3	2.1		3.1
15	4.2	7.7		0.0	1.8	1.5	3.0	2.0	3.8	3.8		3.0
16	4.7	6.9	2.2	2.8	3.0	1.2	2.0	1.9	3.1	3.2		3.6
17	7.1	6.3	4.9	2.6	2.3		1.9	2.6	4.2	2.5		3.6
18	13.8	5.5	4.7	2.4	2.0		1.4	1.0	2.4	2.0	3.0	4.5
19	11.9	7.5	2.7	3.0	1.6		2.4	1.8	2.4	1.8	3.8	5.9
20	11.0	7.1	3.2	2.2	2.1		2.1	2.6	5.8	1.8	3.6	4.9
21	7.2	5.6	5.0	1.1	4.0		1.9	2.9	6.2	3.2	2.8	2.7
22	7.4	4.0	2.8	1.2	5.6		1.8	2.5	2.5	5.7	4.9	2.4
23	6.2	4.5	1.8	1.4	6.0		2.2	2.2	3.9	2.4	5.5	1.9
24	5.5	4.3	2.4	2.7	5.6	4.2	2.8	2.4	2.7	2.4	2.2	1.7
25	5.4	4.3	3.0	2.3	5.1	2.0	2.8	2.0	2.9	1.8	3.1	1.5
26	8.4		2.2	2.1	5.5	1.4	2.0	1.6	2.8	1.1	3.7	2.7
27	12.9		4.8	2.3	3.7	1.5	2.0	2.3	2.6	1.0	4.9	4.2
28	6.9		4.2	1.1	4.3		2.3	2.9	2.9		2.9	1.4
29	6.6		4.1	2.2		1.9	2.8	3.4	2.4		2.9	1.6
30	6.4		1.3	2.2		1.3	2.3	4.9	4.1		3.7	2.7
31	5.7		0.8		2.6		2.3	5.1				2.8
Monthly mean	6.6	5.8	3.1	1.9	2.9	2.2	2.4	2.5	3.2	2.7		3.5

Table 8-3. NITRIC OXIDE, DAILY AVERAGES, 1968
(ppm)

CHICAGO

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.082		0.104	0.078	0.095	0.029	0.030	0.066	0.038	0.041	0.039	0.079
2			0.109	0.094	0.088	0.014	0.053	0.072	0.040	0.049	0.076	0.115
3	0.055		0.097	0.038	0.108		0.065	0.066	0.049	0.050	0.055	0.108
4			0.122	0.045	0.065	0.046		0.044	0.035	0.109		
5	0.079		0.120	0.047	0.052	0.031	0.023	0.041	0.075	0.132		
6	0.091		0.091	0.036	0.133	0.042	0.029	0.047	0.080	0.049		
7	0.048		0.110	0.009	0.026	0.031	0.028	0.049	0.085	0.065		
8	0.113		0.160	0.021	0.034	0.053	0.028	0.057	0.022	0.076		
9		0.150	0.096	0.019	0.046	0.040	0.042	0.046	0.052	0.055	0.088	
10	0.114	0.143	0.069	0.063	0.074	0.032	0.055	0.036	0.101	0.121	0.081	
11	0.090	0.070	0.096	0.044	0.067	0.024	0.051	0.046	0.102	0.137	0.114	0.085
12	0.065	0.124	0.083	0.012	0.060	0.044	0.042	0.046	0.131	0.115	0.111	0.043
13	0.090	0.125	0.113	0.024	0.044	0.039	0.023	0.023	0.136	0.051	0.096	0.053
14	0.048	0.090	0.070		0.044		0.012	0.051	0.062	0.052	0.099	0.126
15	0.097		0.083	0.049	0.061	0.057	0.021	0.047	0.044	0.029	0.105	0.127
16	0.113	0.078	0.143	0.026	0.031	0.040	0.023	0.039	0.030	0.034	0.102	0.132
17	0.081	0.045	0.213		0.067	0.047	0.010	0.034	0.032	0.026	0.057	0.171
18	0.071	0.050	0.043	0.086	0.069	0.062	0.026	0.032	0.058	0.057	0.081	0.146
19	0.089	0.165	0.063	0.111	0.070	0.056	0.032	0.020	0.061	0.049	0.068	0.071
20	0.082	0.124	0.076	0.034	0.112	0.063	0.020	0.024	0.102	0.058	0.066	0.098
21	0.082	0.100	0.089	0.051	0.107	0.046	0.019	0.046	0.091	0.119	0.069	0.130
22	0.079	0.088	0.097		0.116	0.036	0.031	0.033	0.072	0.047	0.096	0.058
23	0.100	0.117	0.068		0.114	0.049	0.039	0.058	0.090	0.079	0.048	0.068
24		0.083	0.048		0.113	0.062	0.058	0.022	0.068	0.104	0.057	0.087
25	0.087	0.072	0.054		0.116	0.083	0.059	0.060	0.074	0.103	0.113	0.083
26		0.170	0.085		0.051	0.041	0.056	0.076	0.132	0.053	0.087	0.088
27	0.140	0.102	0.026		0.058	0.049	0.055	0.087	0.109	0.017	0.118	0.227
28	0.105	0.119	0.039		0.081	0.039	0.054	0.133	0.098	0.065	0.064	0.086
29	0.091	0.143	0.077	0.055	0.091	0.033	0.091	0.100	0.114	0.069	0.094	0.079
30			0.128	0.094	0.052	0.015	0.026	0.079	0.083	0.104	0.099	0.081
31			0.035		0.071		0.040	0.052		0.071		0.052
Monthly mean	0.087	0.106	0.091	0.049	0.075	0.044	0.037	0.053	0.075	0.071	0.083	0.100

CINCINNATI

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1				0.016	0.057	0.047	0.024				0.031	
2				0.021	0.104	0.027		0.018			0.079	
3	0.030			0.014		0.036					0.027	
4				0.043		0.193	0.091		0.020			
5	0.036		0.037	0.021	0.011	0.161	0.059		0.023		0.181	
6				0.025	0.128	0.149	0.055		0.031			
7				0.104		0.194	0.033		0.074		0.065	
8			0.192	0.021	0.039	0.163	0.011		0.036		0.030	
9				0.062		0.083	0.014					
10				0.114		0.039	0.047				0.164	
11					0.022	0.049					0.101	
12					0.012	0.022	0.111					
13					0.167	0.031	0.037				0.048	
14			0.074		0.040	0.056					0.038	
15			0.064			0.038	0.039			0.054	0.053	
16			0.085	0.174		0.011	0.027			0.047	0.018	
17			0.224	0.055		0.027				0.011	0.012	
18			0.246	0.052		0.088				0.021	0.014	
19			0.120	0.067			0.016			0.088	0.016	
20		0.019	0.070	0.038						0.112	0.021	
21		0.035	0.085	0.085		0.088			0.083	0.251		
22		0.052	0.057		0.136	0.039			0.069	0.021		
23		0.120	0.017		0.030	0.025					0.034	
24		0.192	0.020			0.018				0.118	0.027	
25		0.049	0.055			0.021				0.027	0.122	
26		0.257	0.036	0.105	0.015	0.032				0.027		
27			0.061		0.033	0.023		0.035				
28			0.032	0.256	0.048	0.021		0.037				
29			0.038	0.125	0.107	0.016		0.047			0.030	
30			0.019		0.040	0.016		0.114		0.192		
31			0.012		0.081					0.339		
Monthly mean			0.077	0.069	0.063	0.061					0.052	

Table 8-3 (continued). NITRIC OXIDE, DAILY AVERAGES, 1968
(ppm)

DENVER

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.091	0.007	0.035	0.026	0.021	0.009				0.031	0.066	0.029
2	0.050	0.025	0.025	0.019	0.025					0.025	0.036	0.060
3	0.102	0.049	0.012	0.020	0.021		0.021			0.047	0.052	0.025
4	0.049	0.021	0.021		0.012		0.009			0.036	0.073	0.026
5	0.045	0.041	0.018	0.043	0.007	0.014	0.018			0.034	0.050	0.062
6	0.043	0.029	0.030	0.009	0.011	0.011	0.009		0.028	0.024	0.038	0.040
7	0.154	0.105	0.031	0.001	0.012	0.015	0.007		0.011	0.055	0.090	0.048
8	0.099	0.083	0.019	0.043	0.026	0.003	0.016		0.011	0.042	0.065	0.047
9	0.065	0.046	0.035	0.016	0.010					0.031	0.030	0.060
10	0.108	0.039	0.016	0.025	0.027		0.020		0.009	0.056	0.013	0.147
11	0.081	0.008	0.029	0.021	0.015	0.023	0.015		0.022	0.051		0.024
12	0.097	0.012	0.020	0.018	0.020		0.015		0.020	0.074	0.048	0.007
13	0.135		0.021	0.015	0.012				0.011	0.031	0.050	0.057
14			0.008	0.008	0.012				0.010	0.018	0.038	0.194
15	0.211		0.016	0.013	0.012		0.019		0.004	0.013	0.101	0.098
16	0.152		0.041	0.014	0.035		0.012	0.005	0.012	0.036	0.030	0.163
17	0.021	0.050	0.006	0.028	0.018	0.008	0.008	0.010	0.022	0.030	0.017	0.131
18		0.070	0.007	0.038	0.006		0.012	0.025		0.062	0.080	0.050
19			0.004		0.004		0.009	0.022	0.010	0.078	0.076	0.084
20		0.037			0.016	0.007	0.011	0.033	0.026			0.068
21		0.077		0.020	0.007			0.010		0.034		0.044
22	0.045	0.050		0.029	0.007			0.019		0.063	0.058	0.045
23	0.050			0.013	0.006				0.089	0.037		
24	0.042	0.020	0.019	0.022	0.022				0.040	0.082	0.057	0.134
25	0.018	0.019		0.021	0.014				0.054	0.079	0.070	0.066
26	0.009	0.049	0.010	0.017	0.004				0.042	0.047	0.070	0.087
27	0.014			0.018	0.015				0.033	0.043	0.078	0.038
28	0.050			0.010	0.017				0.017	0.085	0.026	
29	0.049	0.019	0.024	0.023	0.012				0.011	0.052	0.061	0.038
30	0.117		0.009	0.020	0.004				0.044	0.047	0.076	0.052
31	0.004		0.004		0.013					0.030		0.121
Monthly mean	0.072	0.041	0.019	0.020	0.014				0.024	0.046	0.055	0.068

PHILADELPHIA

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.027	0.067	0.023	0.039	0.048	0.011	0.018	0.013	0.036	0.020	0.206	0.060
2		0.100	0.041	0.049			0.035	0.010	0.023	0.037	0.067	0.079
3	0.170		0.017	0.065	0.045	0.041	0.027	0.013	0.139	0.019	0.093	0.054
4	0.099		0.042	0.043	0.030			0.020	0.061	0.023	0.063	0.027
5	0.048	0.093	0.059	0.048	0.016			0.021	0.007	0.046	0.075	
6	0.107	0.097	0.067	0.019			0.023	0.016	0.007	0.096	0.062	0.015
7	0.063	0.186	0.094	0.025	0.075		0.026		0.097	0.027	0.097	0.015
8	0.045	0.041	0.189	0.054	0.045		0.024	0.024	0.107	0.026	0.052	0.010
9	0.057	0.051	0.134	0.071	0.013		0.011	0.056	0.030	0.042	0.035	
10	0.061	0.031	0.245		0.057		0.025		0.012	0.045	0.023	
11	0.048	0.035	0.058		0.043		0.007	0.015	0.008	0.093	0.048	
12	0.078	0.054	0.072		0.038	0.038		0.047	0.021	0.031	0.020	
13	0.082	0.045	0.095		0.035	0.035		0.038	0.018	0.067	0.018	
14	0.031	0.039	0.032		0.027	0.054	0.009		0.092	0.140	0.023	
15	0.044	0.045	0.038			0.045	0.019			0.113	0.108	
16	0.032	0.060	0.031	0.026		0.028				0.237	0.111	
17	0.088	0.086	0.036	0.026		0.046	0.034	0.015		0.110	0.095	
18	0.178	0.030	0.028	0.028		0.021	0.017	0.007	0.140	0.044	0.077	0.077
19	0.178	0.041	0.047	0.032		0.014		0.012	0.172	0.024	0.023	0.091
20	0.090	0.036	0.070	0.039		0.024		0.040	0.115	0.003	0.010	0.115
21	0.110	0.029	0.130	0.021			0.009	0.016	0.016	0.028	0.027	0.038
22	0.069	0.022	0.070	0.038			0.016	0.028	0.006	0.068	0.106	0.058
23	0.082	0.035	0.033	0.021			0.020	0.015	0.026	0.039	0.108	0.047
24	0.030	0.018	0.015	0.033		0.017	0.049		0.019	0.028	0.036	0.011
25	0.025	0.010	0.031	0.034		0.036	0.027	0.020	0.043	0.030	0.039	
26	0.102	0.151	0.030	0.039		0.025	0.017	0.017	0.016	0.010	0.039	0.013
27	0.370	0.270	0.043	0.059		0.026	0.003	0.011	0.083	0.011		0.043
28	0.374	0.140	0.114	0.049		0.029	0.011	0.023	0.030	0.019		0.156
29	0.102	0.050	0.110	0.096		0.027	0.045	0.028	0.042	0.027	0.016	0.020
30	0.102		0.044	0.067			0.055	0.027	0.029	0.022	0.012	0.097
31	0.049		0.033				0.011			0.059		0.076
Monthly mean	0.099	0.067	0.067	0.042		0.031	0.022	0.022	0.052	0.052	0.059	0.057

Table 8-3 (continued). NITRIC OXIDE, DAILY AVERAGES, 1968
(ppm)

ST. LOUIS

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.010	0.082	0.059	0.024		0.014				0.041	0.058	
2		0.018		0.036	0.030	0.014	0.007	0.074		0.022		0.054
3	0.028	0.038	0.011	0.020		0.034	0.009			0.015	0.012	0.021
4	0.017	0.027	0.030	0.004	0.026	0.016	0.060			0.057		0.061
5	0.040	0.052	0.009	0.026	0.022	0.013	0.028			0.028	0.118	0.016
6	0.035	0.064	0.025	0.018	0.029	0.015	0.010		0.025	0.002	0.034	0.118
7	0.017	0.010	0.058	0.000	0.029	0.018		0.028	0.024	0.040	0.012	0.041
8	0.072	0.026	0.035	0.007	0.024	0.016		0.054	0.006	0.026	0.019	0.034
9	0.074	0.027	0.021	0.027	0.009	0.013	0.018	0.018	0.004	0.029		0.056
10	0.074	0.014		0.027	0.040	0.016			0.009	0.027		0.084
11	0.085	0.003	0.018	0.024	0.023	0.013	0.028		0.027	0.056	0.018	0.072
12	0.070	0.007	0.007	0.012	0.023		0.044		0.067	0.033	0.044	0.018
13	0.011	0.017	0.039	0.005	0.049	0.012	0.013	0.015	0.082	0.017	0.045	0.015
14	0.003	0.029	0.015	0.009	0.044	0.044	0.014	0.026	0.035	0.040	0.032	
15	0.044	0.024	0.070	0.031	0.042	0.005	0.038	0.040	0.005	0.011		0.012
16	0.080	0.041	0.066	0.030	0.009			0.048	0.019	0.013		0.132
17	0.048	0.010	0.022	0.019		0.017	0.034		0.024	0.015		0.059
18		0.012	0.060	0.018	0.014	0.029			0.018	0.041	0.022	0.047
19		0.095	0.039	0.020	0.004	0.018	0.025		0.049	0.097	0.014	0.012
20	0.069		0.015		0.012	0.011			0.071	0.096	0.032	0.027
21	0.046	0.016	0.011	0.013	0.021	0.025	0.016				0.062	0.026
22	0.074	0.028	0.016	0.025	0.054	0.015			0.031	0.012	0.100	0.012
23	0.023	0.038	0.005		0.048	0.006	0.022		0.043		0.034	0.015
24	0.044	0.051	0.011		0.043	0.022	0.021		0.030		0.028	0.022
25	0.041	0.015	0.028		0.037	0.007	0.036		0.079	0.021		0.012
26	0.062	0.030	0.020		0.014	0.007	0.031		0.044	0.043		0.025
27	0.032	0.038	0.010		0.015	0.023		0.028	0.095			0.047
28	0.020	0.032	0.018	0.007	0.017	0.034		0.022	0.033	0.007	0.023	
29		0.013	0.029	0.018	0.019	0.003			0.026	0.026	0.037	0.005
30	0.055		0.017		0.018		0.020		0.071	0.038	0.066	0.006
31	0.085		0.010		0.028		0.027	0.010		0.052		0.004
Monthly mean	0.049	0.031	0.027	0.019	0.027	0.017	0.025		0.038	0.034	0.042	0.038

WASHINGTON

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.019	0.033	0.010	0.009	0.019	0.017	0.018	0.018	0.023	0.059		
2	0.104	0.036	0.010	0.022	0.017	0.025	0.023	0.020	0.030	0.029		
3	0.116	0.007	0.000	0.026	0.057	0.051	0.023	0.010	0.076	0.030		
4	0.062	0.001	0.013	0.031	0.024		0.018	0.016	0.048	0.020		
5	0.052	0.023	0.053	0.014	0.007	0.070	0.022	0.025	0.059	0.087		
6	0.053	0.076	0.042	0.003	0.012	0.017	0.011	0.022	0.023	0.169		
7	0.012	0.125	0.033	0.002	0.053	0.011	0.009	0.021	0.029	0.028		
8	0.028	0.025	0.047	0.027	0.075	0.012	0.012	0.013	0.091	0.033		
9	0.043	0.023	0.061	0.014	0.014	0.015	0.012	0.018	0.044	0.026		
10	0.058	0.009	0.008	0.029	0.035	0.020	0.014	0.015	0.022	0.039		
11	0.032	0.002	0.004	0.048	0.022	0.016	0.016	0.015	0.028	0.039		
12	0.066	0.020	0.053	0.074	0.027	0.024	0.016	0.043	0.026	0.038		
13	0.059	0.010	0.021	0.038	0.014	0.013	0.026	0.014	0.023	0.046		
14	0.007	0.031	0.025	0.059	0.031	0.016	0.010	0.031	0.041	0.033		
15	0.028	0.066	0.015	0.016	0.031	0.023	0.025	0.014	0.067	0.063		
16	0.023	0.037	0.014	0.033	0.046	0.012	0.007	0.011		0.075		
17	0.067	0.025	0.000	0.023	0.033	0.019	0.008	0.037		0.061		
18	0.217	0.007	0.002	0.019	0.027	0.012	0.014	0.009		0.041		
19	0.196	0.053	0.019	0.023	0.008	0.012	0.022	0.012		0.030		
20	0.156	0.078	0.030	0.007	0.014	0.008	0.027	0.023		0.015		
21	0.103	0.010	0.040	0.007	0.031	0.012	0.040	0.018		0.064		0.051
22	0.094		0.040	0.015	0.033	0.008	0.016	0.033		0.182		
23	0.043	0.042	0.011	0.006	0.047	0.002	0.012	0.012	0.018	0.045		
24	0.023	0.038	0.012	0.038	0.037	0.016	0.017	0.011	0.034	0.057		
25	0.040		0.017		0.028	0.034	0.026	0.018	0.033	0.026		
26	0.096	0.101	0.016	0.025	0.081	0.015	0.020	0.020	0.032	0.021		
27	0.305	0.136	0.091	0.037	0.008	0.007	0.014	0.026	0.024	0.018		
28	0.112	0.107	0.069	0.023	0.029	0.022	0.012	0.037	0.032			
29	0.079	0.047	0.069	0.024	0.021	0.019	0.021	0.049	0.037			
30	0.068		0.009	0.022	0.007	0.012	0.020	0.083	0.079			
31	0.028		0.006		0.016		0.011	0.106				
Monthly mean	0.077	0.043	0.027	0.025	0.029	0.019	0.017	0.026	0.040	0.051		

Table 8-4. NITROGEN DIOXIDE, DAILY AVERAGES, 1968

(ppm)

CHICAGO

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.025		0.054	0.051	0.056	0.058	0.038	0.039	0.044	0.058	0.036	0.030
2	0.050		0.057	0.082	0.043	0.038	0.065	0.045	0.049	0.030	0.031	
3	0.029		0.051	0.041	0.064	0.059	0.048	0.083	0.060	0.034	0.026	
4	0.030		0.053	0.042	0.052	0.059	0.040	0.081	0.053	0.036	0.034	
5	0.026		0.054	0.052	0.046	0.083		0.048	0.039	0.055	0.042	
6	0.027		0.052	0.057	0.060	0.073		0.058	0.039	0.041	0.037	
7	0.027		0.061	0.046	0.055	0.096		0.070	0.049	0.045	0.032	
8	0.044		0.066	0.039	0.055	0.093		0.043	0.051	0.050	0.036	
9	0.033	0.040	0.040	0.043	0.038	0.076	0.032	0.070	0.036	0.046	0.037	
10	0.030		0.038	0.045	0.047	0.073	0.014		0.026	0.043	0.041	
11	0.033	0.041	0.050	0.054	0.069	0.045	0.033		0.037	0.057	0.041	0.059
12	0.037	0.045	0.048	0.064	0.072	0.037	0.068		0.060	0.070	0.039	0.054
13	0.039	0.048	0.053	0.062	0.077	0.047	0.064	0.044	0.078	0.042	0.050	0.034
14	0.039	0.047	0.056	0.035	0.064	0.062	0.035	0.028	0.066	0.045	0.044	0.047
15	0.033	0.044	0.054	0.052	0.067	0.047	0.033	0.035	0.069	0.044	0.041	0.050
16	0.047	0.046	0.070	0.057	0.041	0.041	0.049	0.033	0.060	0.048	0.032	0.056
17	0.056	0.046	0.088	0.053	0.057	0.048	0.039	0.028	0.042	0.031	0.031	0.060
18	0.045	0.044	0.061	0.060	0.064	0.060	0.039	0.026	0.040	0.037	0.029	0.037
19	0.040	0.057	0.057	0.045	0.054	0.071	0.029	0.039	0.037	0.038	0.036	0.040
20	0.033	0.047	0.041	0.052	0.057	0.058	0.044	0.052	0.065	0.037	0.031	0.045
21	0.034	0.048	0.044	0.056	0.069	0.051	0.055	0.047	0.059	0.054	0.030	0.043
22		0.050	0.048		0.077	0.046	0.049	0.059	0.065	0.035	0.050	0.034
23	0.038	0.057	0.048		0.059	0.045	0.054	0.058	0.053	0.039		0.045
24	0.041	0.055	0.052		0.074	0.064	0.061	0.045		0.038	0.028	0.048
25	0.043	0.053	0.059		0.065	0.034	0.037	0.027	0.039	0.037	0.036	0.051
26	0.045	0.068	0.067		0.054	0.031	0.047	0.034	0.053	0.042	0.036	
27	0.044	0.048	0.063		0.048	0.020	0.047	0.035	0.081	0.029	0.035	
28	0.035	0.047	0.047		0.044	0.036	0.018	0.055	0.043	0.022	0.027	
29	0.037	0.053	0.051	0.071	0.049	0.043	0.022	0.080	0.055	0.028	0.031	
30			0.066	0.067	0.049	0.029	0.063	0.090	0.064	0.041	0.034	
31			0.040		0.092		0.050	0.080		0.050		0.031
Monthly mean	0.037	0.049	0.054	0.052	0.060	0.054	0.043	0.052	0.051	0.043	0.036	0.044

CINCINNATI

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov	Dec.
1	0.022	0.018	0.024	0.028	0.031	0.031		0.031	0.021	0.053	0.051	0.022
2	0.025	0.015	0.022	0.039	0.036	0.021		0.037	0.027	0.036	0.043	0.038
3	0.026	0.021	0.022	0.029	0.032	0.030		0.031	0.034	0.023	0.037	0.046
4	0.023	0.022	0.033	0.029	0.016	0.038	0.045		0.027	0.024		0.035
5	0.026	0.023	0.027	0.027	0.011	0.038	0.060	0.036	0.024			0.028
6	0.033	0.053	0.020	0.027	0.022	0.037	0.048	0.023	0.023			0.030
7	0.026	0.046	0.035	0.032	0.031	0.042	0.032	0.029	0.036	0.031	0.034	0.029
8	0.031	0.028	0.047	0.031	0.032	0.034	0.041	0.029	0.030		0.036	0.026
9	0.027	0.017	0.030	0.038	0.035	0.021	0.035	0.023	0.036	0.042	0.032	
10		0.019	0.021	0.043	0.047	0.035	0.063	0.026	0.023	0.024	0.033	
11		0.020	0.020	0.041	0.028	0.031	0.055	0.023	0.025	0.040	0.035	
12		0.020	0.025	0.037	0.023	0.024	0.058	0.033	0.036		0.032	
13	0.025	0.022	0.033	0.025	0.030	0.028	0.038	0.039	0.054		0.036	
14	0.020	0.025	0.042	0.011	0.028	0.035		0.030	0.062		0.045	
15	0.022		0.042	0.021	0.022	0.028	0.100	0.026	0.043		0.044	
16	0.028		0.039	0.040	0.022	0.020	0.043	0.017	0.041		0.028	
17	0.034	0.014	0.044	0.041	0.029	0.022	0.033	0.008		0.039	0.027	
18	0.039	0.020	0.046	0.032	0.019	0.028	0.039	0.011		0.020	0.031	0.033
19	0.032	0.027	0.039	0.032	0.016	0.028	0.057	0.024		0.036	0.037	
20	0.035	0.019	0.036	0.029	0.030	0.029	0.047	0.029		0.067	0.020	
21	0.025	0.021	0.024	0.025	0.026	0.036	0.042	0.033		0.067	0.028	
22	0.026	0.018	0.026	0.035	0.032	0.025		0.041		0.048	0.049	
23	0.019	0.023	0.025	0.026	0.032	0.024		0.045		0.045	0.058	
24	0.019	0.030	0.033	0.024	0.022	0.022		0.036		0.055	0.041	0.020
25	0.028	0.021	0.049	0.027		0.021		0.032		0.033	0.046	
26	0.030	0.028	0.038	0.035	0.017	0.021		0.027		0.044	0.035	
27	0.034	0.021	0.043	0.024	0.024	0.018		0.033		0.037	0.040	
28	0.029	0.024	0.035	0.031	0.037	0.017		0.033		0.031	0.028	
29	0.031	0.024	0.032	0.054	0.036	0.023	0.038	0.041		0.027	0.032	0.034
30	0.019		0.031	0.033	0.026			0.048		0.042	0.033	0.033
31	0.019		0.023		0.033		0.024	0.044				0.022
Monthly mean	0.027	0.024	0.032	0.031	0.027	0.028	0.048	0.031	0.034	0.040	0.037	

Table 8-4 (continued). NITROGEN DIOXIDE, DAILY AVERAGES, 1968
(ppm)

DENVER

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1		0.028	0.040	0.053	0.038	0.033	0.020	0.032	0.016	0.033	0.046	0.034
2	0.042	0.041	0.012	0.039	0.035	0.026	0.030	0.039	0.015	0.024		0.050
3	0.067	0.045	0.013	0.020	0.028	0.042	0.040	0.027		0.035	0.061	0.057
4	0.061	0.035	0.030	0.037	0.034			0.025		0.048	0.056	0.031
5	0.050	0.052	0.039	0.045	0.029	0.039		0.033		0.025	0.032	0.039
6	0.044	0.048	0.055	0.014	0.027	0.024	0.035	0.033		0.031	0.025	0.026
7	0.098	0.052	0.055	0.006	0.025	0.038	0.024	0.041		0.037		0.033
8	0.075	0.047	0.035	0.049	0.029	0.027	0.036	0.042		0.026		0.039
9	0.045	0.057	0.038		0.033	0.022	0.035	0.032		0.033		0.048
10	0.117	0.038	0.023	0.050	0.022	0.036	0.043	0.058	0.031	0.057		0.071
11	0.064	0.030	0.030	0.044	0.016	0.039	0.042		0.030	0.038		0.023
12	0.060		0.021	0.043	0.026	0.034	0.036		0.031	0.046		0.014
13	0.094		0.034	0.031	0.011	0.033	0.025		0.032	0.037		0.031
14	0.068		0.029	0.033	0.037	0.028	0.018		0.024	0.018		0.073
15	0.076		0.034	0.041	0.022	0.026	0.036		0.020	0.024	0.043	0.053
16	0.084		0.050		0.032	0.019	0.030	0.025	0.023	0.026		0.057
17	0.039		0.020	0.022	0.030	0.032		0.027	0.027	0.026		0.042
18	0.039		0.028	0.040	0.022	0.019		0.034	0.034	0.043	0.053	0.034
19	0.047		0.022	0.040	0.018	0.025	0.024	0.031	0.029	0.041	0.045	0.047
20	0.034		0.023	0.035	0.032	0.030		0.037	0.036		0.077	0.032
21	0.033			0.034	0.023	0.027	0.016	0.029	0.031	0.036	0.040	0.029
22	0.028			0.024	0.022	0.026		0.031	0.038	0.049	0.031	0.036
23	0.026			0.037	0.017	0.018			0.056	0.035	0.026	
24	0.023		0.027	0.037	0.029	0.027			0.047	0.049	0.039	
25	0.023		0.029	0.024	0.038	0.028			0.041	0.065	0.032	0.040
26	0.015	0.057	0.017	0.021	0.023	0.036		0.038	0.046	0.040	0.034	0.038
27	0.030	0.045	0.033	0.031	0.025	0.034		0.029	0.041	0.040	0.045	0.031
28	0.036	0.039	0.034	0.029	0.039	0.039		0.026	0.029	0.052	0.024	0.038
29	0.033	0.039	0.038	0.038	0.034	0.029		0.033	0.029	0.047	0.039	0.029
30	0.071		0.027	0.035	0.017	0.014	0.047	0.041	0.039	0.041	0.046	0.028
31	0.030		0.016		0.024		0.026	0.027		0.035		0.045
Monthly mean	0.052		0.030	0.034	0.027	0.029	0.031	0.033	0.033	0.038	0.042	0.039

PHILADELPHIA

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.024	0.025	0.025	0.025	0.034	0.038	0.060	0.044	0.034	0.057	0.065	0.027
2	0.040	0.026		0.031	0.037	0.043	0.066	0.041	0.032	0.055	0.054	0.026
3	0.040	0.026	0.023	0.038	0.056	0.049	0.064	0.047	0.051	0.039	0.046	
4	0.026	0.024	0.039	0.036	0.037	0.056	0.045	0.046	0.056	0.020	0.031	0.024
5	0.025	0.034	0.038	0.029	0.023	0.075	0.058	0.033	0.044	0.024	0.047	
6	0.042	0.037	0.047	0.030	0.035	0.086	0.075	0.041	0.037	0.032	0.034	0.022
7	0.026	0.039	0.033	0.033	0.035	0.083	0.054	0.041	0.045		0.022	0.021
8	0.021	0.016	0.055	0.038	0.032	0.046	0.056	0.039	0.055	0.061	0.018	0.018
9	0.025	0.023	0.056	0.020	0.034	0.048	0.050	0.058	0.057	0.068	0.026	0.023
10	0.025		0.060		0.043	0.063	0.050	0.034	0.030	0.036	0.021	0.032
11	0.029					0.029	0.041	0.019	0.030	0.042	0.029	0.056
12	0.034		0.029		0.028	0.040	0.051	0.045	0.028	0.047	0.024	0.039
13	0.032		0.023		0.024	0.036	0.059	0.026	0.044	0.066	0.024	
14	0.022	0.025	0.027		0.026	0.043	0.039	0.031	0.049	0.061	0.035	0.034
15	0.024	0.023	0.030			0.080	0.064	0.034	0.048	0.081	0.052	0.018
16	0.022	0.032	0.028	0.020		0.055	0.057	0.047	0.064	0.063	0.043	0.025
17	0.035	0.031	0.020	0.037		0.039	0.085	0.041	0.076	0.052	0.026	
18	0.056		0.022	0.043		0.044	0.063	0.031	0.063	0.022	0.029	0.049
19	0.053	0.034	0.032	0.048		0.040	0.040	0.033	0.050	0.011	0.019	0.047
20	0.034	0.022	0.034	0.039		0.036	0.029	0.059	0.076	0.035	0.016	0.038
21	0.037	0.014	0.080	0.030		0.058	0.038	0.049	0.081		0.024	0.024
22	0.036	0.011	0.041	0.025		0.073	0.052	0.053	0.056		0.035	0.030
23	0.032	0.014	0.021	0.021		0.074		0.043	0.056	0.032	0.046	0.025
24	0.018	0.010	0.018	0.023		0.077		0.048	0.062		0.044	0.020
25	0.021	0.000	0.029	0.027		0.050	0.060	0.037	0.045		0.029	0.022
26	0.029		0.031	0.035		0.052	0.044	0.027	0.045		0.033	0.024
27	0.052		0.050	0.042		0.032	0.035	0.026	0.049	0.031	0.033	
28	0.070	0.045	0.082	0.028		0.043	0.026	0.027	0.047		0.021	0.048
29	0.031	0.041	0.067	0.041	0.043	0.062	0.054		0.032		0.022	0.036
30	0.027		0.028	0.050	0.037	0.051	0.047	0.030	0.041	0.026	0.019	0.051
31	0.027		0.030		0.035		0.050	0.037		0.031		0.041
Monthly mean	0.033	0.024	0.038	0.033	0.035	0.054	0.052	0.039	0.049	0.042	0.032	0.031

Table 8-4 (continued). NITROGEN DIOXIDE, DAILY AVERAGES, 1968
(ppm)

ST. LOUIS

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.022	0.013	0.026	0.024	0.039	0.037	0.032	0.019	0.030	0.009	0.031	0.016
2	0.026	0.018	0.015	0.028	0.052	0.045	0.015	0.034	0.020	0.011	0.024	0.031
3	0.023	0.022	0.020	0.023	0.037	0.043	0.019	0.013	0.001	0.013	0.010	0.022
4	0.027	0.017	0.036	0.021	0.054	0.037	0.031	0.014		0.016	0.020	0.025
5	0.029	0.026	0.023	0.020	0.029	0.041	0.032	0.019		0.018	0.033	0.015
6	0.025	0.033	0.018	0.018	0.044	0.041	0.024	0.011	0.020	0.008	0.012	0.026
7	0.025	0.018	0.030	0.012	0.043	0.048	0.023	0.016	0.010	0.007	0.006	0.025
8	0.030	0.024	0.025	0.023	0.046	0.045	0.028	0.027	0.013		0.018	0.020
9	0.027	0.017	0.023	0.030	0.030	0.031	0.025	0.025	0.012	0.002	0.019	0.025
10	0.030	0.014	0.007	0.031	0.029	0.031		0.012	0.011	0.011	0.024	0.028
11	0.037	0.017	0.020	0.024	0.038	0.034	0.036		0.018	0.016	0.020	0.037
12	0.029	0.019	0.022	0.031	0.036	0.021	0.047		0.031	0.016	0.020	0.022
13	0.017	0.017	0.024	0.032	0.035	0.020	0.020		0.038	0.007	0.025	0.013
14		0.018	0.009	0.018	0.028	0.020	0.020	0.035	0.027	0.002	0.028	0.015
15	0.019	0.022	0.009	0.027	0.030	0.016	0.021	0.030	0.024	0.006	0.027	0.019
16	0.023	0.025	0.006	0.018	0.035	0.025	0.025	0.018	0.025	0.005	0.023	0.032
17	0.019	0.016	0.011	0.023	0.046	0.031	0.026	0.035	0.011	0.006	0.023	0.020
18	0.021	0.027	0.012	0.026	0.028	0.034	0.021	0.021	0.001	0.004	0.020	0.017
19	0.029	0.029	0.008	0.022	0.020	0.033	0.033	0.021	0.000	0.010	0.018	0.014
20	0.020	0.017	0.010	0.026		0.027	0.034	0.015	0.004	0.024	0.019	0.017
21	0.018	0.020	0.020	0.037	0.035	0.033	0.032			0.004	0.026	
22	0.035	0.024	0.026	0.026	0.039	0.024			0.003	0.011	0.039	
23	0.029	0.033	0.018		0.037	0.008	0.030		0.005	0.019	0.030	
24	0.032	0.031	0.021		0.036	0.015	0.038		0.002	0.017	0.016	0.019
25	0.027		0.028		0.038		0.038	0.026	0.021	0.016	0.012	0.016
26	0.036	0.025	0.025		0.029	0.015	0.024	0.044	0.013		0.012	0.016
27	0.031	0.021	0.024	0.045	0.034	0.018	0.014	0.039	0.042	0.010		0.009
28	0.023	0.022	0.028	0.039	0.038	0.014	0.021	0.048	0.018	0.006	0.019	0.011
29	0.022	0.016	0.025	0.038	0.036	0.019	0.027	0.051		0.011	0.018	0.009
30	0.017		0.026		0.029	0.008	0.029	0.044	0.017	0.021	0.023	0.005
31	0.015		0.029		0.051		0.016	0.028		0.024		0.005
Monthly mean	0.026	0.021	0.020	0.026	0.037	0.029	0.027	0.027	0.016	0.011	0.021	0.019

WASHINGTON

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1		0.041	0.038	0.033	0.022	0.044	0.054	0.048	0.057	0.062		
2	0.042	0.034	0.036	0.042	0.028	0.044	0.064	0.041	0.059	0.055		
3	0.041	0.031	0.023	0.045	0.041	0.059	0.067	0.033	0.081	0.047		
4	0.040	0.033	0.040	0.038	0.026		0.058	0.039	0.072			
5		0.046	0.056	0.025		0.073	0.074	0.064				
6		0.060	0.061	0.031	0.014	0.059	0.080	0.053	0.040	0.050		
7	0.021	0.073	0.059	0.031	0.030	0.052		0.048		0.034		
8		0.051	0.060	0.037	0.054	0.036		0.043		0.046		
9		0.044	0.050	0.029	0.050	0.043	0.075	0.053		0.043		
10		0.023		0.052	0.030	0.041	0.043	0.044		0.042		
11		0.024		0.040	0.027	0.028	0.042	0.034	0.034	0.041		
12		0.037		0.062	0.016	0.037	0.040	0.058	0.026	0.063		
13		0.037	0.041	0.049		0.033	0.048	0.054	0.037	0.059		
14		0.053	0.045	0.050		0.039	0.036	0.059	0.038	0.044		
15		0.057	0.048	0.038	0.040	0.056	0.065	0.058	0.047	0.040		
16		0.046	0.034	0.031	0.030	0.058	0.043	0.062	0.048	0.061		
17	0.057	0.038	0.025	0.039	0.049	0.039	0.054	0.056	0.066	0.052		
18	0.080	0.033	0.031	0.039	0.056	0.037	0.053	0.033	0.055	0.060		
19	0.074	0.044	0.066	0.042	0.053	0.041	0.052	0.045	0.060	0.044		
20	0.051	0.047	0.082	0.030	0.047	0.034	0.039	0.052	0.059	0.069		
21	0.035	0.038	0.063	0.028	0.056	0.039	0.051	0.056	0.068	0.051		
22	0.044	0.041	0.057	0.027	0.055	0.045	0.055	0.079	0.057	0.068		
23	0.038	0.043	0.028	0.027	0.071	0.044	0.046	0.060	0.083	0.041		
24	0.033	0.041		0.028	0.060	0.069	0.062	0.068	0.034	0.052		
25	0.035	0.024		0.034	0.048	0.054	0.054	0.065	0.041	0.037		
26	0.045	0.047	0.068	0.034	0.061	0.038	0.042	0.049	0.040	0.048		
27	0.074	0.060	0.078	0.034	0.032	0.027	0.035	0.043		0.043		
28	0.045	0.070	0.067	0.048	0.045	0.034		0.050	0.038			
29	0.059	0.055	0.060	0.025	0.045	0.042	0.056	0.064	0.030			
30	0.061		0.028	0.023	0.036	0.050	0.061	0.068	0.054			
31	0.037		0.030		0.040		0.073	0.078				
Monthly mean	0.049	0.044	0.049	0.036	0.042	0.045	0.054	0.053	0.051	0.049		

Table 8-5. SULFUR DIOXIDE, DAILY AVERAGES, 1968
(ppm)

CHICAGO

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.238		0.350	0.072	0.025	0.023		0.015		0.135	0.078	
2	0.339		0.222	0.093	0.150	0.013		0.071		0.118	0.059	0.350
3	0.227		0.196	0.060		0.052		0.054		0.033	0.033	0.234
4	0.165		0.285	0.154		0.017	0.047	0.069		0.071	0.055	0.191
5	0.321		0.341	0.120		0.049	0.040	0.042	0.009	0.103	0.067	0.069
6	0.347	0.437	0.157	0.159	0.067	0.073		0.034	0.031	0.061	0.046	0.121
7	0.192	0.283	0.218	0.061	0.039	0.068	0.035	0.009	0.016	0.109	0.088	
8	0.353	0.271	0.221	0.137	0.077	0.051	0.068	0.041	0.015	0.104	0.140	
9	0.250	0.290	0.129	0.075	0.018	0.046		0.086	0.044	0.115	0.157	
10	0.235	0.264		0.062	0.009	0.033		0.008	0.026	0.104	0.157	0.240
11	0.072	0.176		0.129	0.011	0.031	0.083	0.024	0.030	0.132	0.222	0.118
12	0.141	0.251		0.232	0.014	0.013	0.064	0.048	0.062	0.128	0.266	0.079
13	0.139	0.274		0.062	0.013	0.012	0.050	0.059	0.119	0.056	0.218	0.128
14	0.157	0.219		0.031	0.093	0.040	0.068	0.019	0.094	0.047	0.242	0.201
15	0.268	0.192	0.358	0.096	0.050	0.012	0.106	0.019	0.064	0.024	0.072	0.232
16	0.476	0.276	0.228	0.071	0.009	0.013	0.130	0.080	0.075	0.028		0.211
17	0.513	0.137	0.148	0.068	0.035	0.011	0.063	0.021	0.077	0.046		
18	0.348	0.152	0.100	0.055	0.029	0.036	0.044	0.007	0.027	0.138	0.154	
19	0.345	0.331	0.131	0.054	0.049	0.020	0.033	0.078	0.063	0.083	0.159	
20	0.346	0.327	0.076	0.087	0.061	0.025	0.058	0.046	0.106	0.067	0.209	0.113
21	0.192	0.239	0.120	0.037	0.071	0.037	0.085	0.115	0.065	0.134	0.254	0.214
22	0.321	0.218	0.208		0.133	0.010	0.053	0.109	0.065	0.074	0.189	0.123
23	0.266	0.291	0.163		0.019	0.030	0.042	0.147	0.113	0.129	0.139	
24	0.248	0.136	0.177		0.027	0.040	0.029	0.088	0.092	0.131	0.093	0.146
25	0.219	0.104	0.235		0.012	0.012	0.022	0.058	0.042	0.184	0.163	
26	0.220	0.350	0.194		0.016	0.037	0.044	0.014	0.069	0.159	0.163	
27	0.199	0.212	0.100		0.166	0.018	0.031	0.012	0.093	0.066	0.095	
28	0.237	0.261	0.154		0.034		0.012	0.040	0.044	0.151	0.080	
29	0.336	0.337	0.072	0.065	0.030		0.034	0.065	0.065	0.127	0.177	
30			0.109	0.049	0.024		0.040	0.117	0.105	0.152		
31			0.055		0.045		0.027	0.081		0.142		
Monthly mean	0.265	0.247	0.182	0.088	0.047	0.031	0.052	0.054	0.061	0.101	0.139	0.172

CINCINNATI

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1			0.011	0.003	0.014	0.020	0.003	0.022	0.002	0.019	0.021	0.017
2			0.012	0.006	0.023	0.019	0.006	0.028	0.008	0.013	0.023	0.018
3			0.002	0.004		0.018	0.006	0.016	0.006	0.016	0.010	0.024
4			0.002	0.076		0.020	0.015	0.015	0.003	0.017	0.033	0.010
5			0.003	0.004		0.027	0.019	0.025	0.008	0.029	0.045	0.011
6			0.000	0.011		0.008	0.011	0.022	0.027	0.035	0.039	0.021
7			0.002	0.019	0.009	0.007	0.008	0.026	0.023	0.046	0.020	0.016
8		0.019	0.032	0.012	0.015	0.010	0.008	0.014	0.008		0.017	0.005
9		0.010	0.000	0.009		0.003	0.001	0.005	0.011		0.030	0.015
10		0.002	0.000	0.002	0.028	0.018	0.005	0.018	0.015	0.029	0.015	0.042
11		0.011	0.000	0.008		0.001	0.015	0.011	0.011	0.044	0.034	0.032
12		0.014	0.000	0.013			0.019	0.022	0.012	0.044	0.022	0.005
13		0.000	0.004	0.028			0.000	0.011	0.014	0.028	0.037	0.003
14		0.028	0.012	0.046	0.041	0.004		0.008	0.010	0.025	0.022	0.002
15		0.004	0.037			0.004	0.008	0.012	0.016	0.025	0.014	0.002
16		0.003	0.006		0.046	0.001	0.015	0.030	0.014	0.021	0.009	0.033
17		0.003	0.001		0.040	0.000	0.005	0.036	0.014	0.014	0.001	0.032
18		0.026	0.010	0.029	0.036	0.000	0.021	0.038	0.008	0.015	0.007	0.012
19		0.019	0.025	0.044	0.048	0.006	0.009	0.043	0.009	0.028	0.005	0.006
20		0.009	0.006	0.040	0.040	0.002	0.007	0.045	0.006	0.035	0.002	0.006
21		0.024	0.003	0.044		0.000	0.007	0.050	0.010	0.028	0.019	0.001
22			0.002			0.009			0.006	0.024	0.022	0.006
23			0.006		0.079	0.012		0.041	0.031	0.025	0.007	0.003
24			0.008	0.046	0.039	0.010		0.023	0.030	0.020	0.013	0.002
25			0.050	0.042	0.022	0.001		0.032	0.021	0.013	0.037	0.018
26		0.015	0.032	0.053		0.005	0.005	0.011	0.060	0.022	0.008	0.031
27		0.007	0.010	0.046	0.040	0.001	0.009	0.011	0.026	0.012	0.013	0.006
28		0.000	0.006	0.032	0.047	0.002	0.011	0.006	0.028	0.013	0.005	0.005
29		0.000	0.010	0.036	0.031	0.000	0.023	0.019	0.020	0.021	0.015	0.016
30			0.007	0.016	0.021	0.000	0.027	0.022	0.031	0.025	0.015	0.016
31			0.017		0.034		0.022	0.010		0.021		0.015
Monthly mean		0.010	0.010	0.028	0.034	0.008	0.011	0.022	0.016	0.024	0.019	0.014

Table 8-5 (continued). SULFUR DIOXIDE, DAILY AVERAGES, 1968
(ppm)

DENVER

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1		0.002	0.000	0.004			0.003		0.030	0.006	0.024	
2		0.001	0.000			0.020			0.017	0.011	0.017	0.004
3		0.004	0.000	0.004		0.019	0.005		0.012	0.018	0.038	0.001
4		0.005		0.003		0.014	0.003		0.023	0.028	0.047	0.003
5		0.013	0.003	0.005		0.012	0.001	0.005	0.014	0.019	0.019	0.007
6		0.010	0.002	0.008		0.001	0.002	0.007	0.028	0.030	0.018	0.002
7			0.003	0.002		0.001		0.011	0.018	0.033	0.034	0.004
8			0.000	0.008			0.006	0.021	0.015	0.015	0.036	0.010
9	0.026			0.004			0.006		0.031	0.039	0.018	0.018
10	0.041	0.004		0.003		0.001	0.011		0.026	0.040	0.016	0.039
11	0.023	0.003	0.000				0.013		0.012	0.023	0.025	0.013
12	0.037	0.000	0.000				0.008	0.005	0.007	0.037	0.023	0.000
13	0.043	0.000					0.002	0.007	0.013	0.025	0.020	0.006
14	0.023	0.000					0.004	0.004	0.006	0.031	0.019	0.032
15	0.027	0.001	0.003				0.007	0.003	0.009		0.023	0.023
16		0.000	0.007		0.001		0.014		0.016		0.020	0.026
17		0.000	0.001		0.003		0.010		0.034	0.014	0.017	0.016
18	0.026	0.002	0.001			0.005		0.002	0.035	0.016	0.022	0.005
19	0.016	0.001	0.000				0.010	0.004	0.018	0.028	0.025	0.009
20	0.002	0.000	0.000				0.011	0.010			0.036	0.004
21		0.000	0.000		0.017			0.009		0.021		0.000
22	0.001	0.000	0.000		0.020	0.006		0.021	0.002	0.014		0.003
23	0.006	0.000	0.010		0.019				0.017	0.016		0.015
24	0.008	0.000			0.017	0.001			0.013	0.019	0.041	0.015
25			0.003		0.017	0.002			0.015	0.020	0.044	0.004
26		0.000	0.005		0.011	0.008			0.011	0.020	0.036	0.006
27		0.009	0.001		0.020	0.015		0.010	0.005	0.020	0.041	0.002
28		0.000	0.001		0.024	0.010		0.014	0.001		0.023	0.006
29	0.016	0.001	0.004		0.024	0.010		0.012	0.001		0.040	0.002
30	0.017		0.004					0.023	0.005			0.008
31	0.003		0.001		0.023			0.014		0.019		0.014
Monthly mean	0.020	0.002	0.002				0.007	0.010	0.016	0.022	0.027	0.010

PHILADELPHIA

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.065	0.130	0.025	0.113	0.035	0.035	0.067		0.060	0.053	0.188	0.088
2	0.291	0.149	0.068	0.131	0.025	0.057	0.059	0.028	0.031	0.084	0.084	0.141
3	0.349	0.055	0.023	0.270	0.133	0.125	0.075	0.071	0.049	0.059	0.060	0.087
4	0.143	0.041	0.059	0.205	0.022		0.047	0.033	0.035	0.016	0.093	0.071
5	0.064	0.091	0.073	0.106	0.047	0.085	0.047	0.016	0.019	0.023	0.106	0.080
6	0.305	0.095	0.162	0.055	0.051	0.075	0.100	0.057	0.017	0.057	0.098	0.036
7	0.106	0.130	0.054	0.102	0.069	0.143	0.092	0.008	0.028	0.019	0.042	0.045
8	0.075	0.052	0.279	0.157	0.082	0.047	0.100	0.027	0.073	0.033	0.032	0.023
9	0.211	0.082	0.301	0.083	0.131	0.060	0.078	0.207	0.053	0.049	0.042	0.025
10	0.114	0.064	0.221		0.095	0.074	0.045	0.019	0.013	0.039	0.025	0.037
11	0.072	0.071	0.054		0.087	0.027	0.071	0.010	0.014	0.091	0.053	0.203
12	0.125	0.096	0.131	0.101	0.106		0.105	0.059	0.011	0.060	0.023	0.171
13	0.211	0.074	0.079	0.168	0.065		0.122	0.184	0.015	0.112	0.014	0.135
14	0.120	0.092	0.038	0.039	0.046		0.101	0.047	0.026	0.054	0.044	0.064
15	0.158	0.090	0.076	0.040	0.096	0.134	0.082	0.016	0.043	0.077	0.146	0.017
16	0.049	0.177	0.066	0.017		0.025	0.035	0.081	0.040	0.073	0.105	0.032
17	0.240	0.257	0.050	0.054		0.027	0.097	0.056	0.072	0.068	0.094	0.056
18	0.362	0.052	0.022	0.088		0.030		0.032	0.038	0.023	0.080	0.116
19	0.348	0.088	0.066	0.141		0.081	0.047	0.015	0.048	0.028	0.029	0.165
20	0.130	0.095	0.213	0.079		0.033	0.017	0.172	0.085	0.011		0.069
21	0.154	0.034	0.356	0.124	0.045	0.040	0.048	0.003	0.070	0.013	0.111	0.029
22	0.155	0.049	0.158	0.075	0.048	0.170	0.094	0.066	0.031	0.077	0.199	0.059
23	0.205	0.073	0.076	0.047	0.197	0.024	0.049	0.018	0.036	0.033	0.106	0.082
24	0.049	0.041	0.022	0.034		0.077	0.113	0.084	0.089	0.055	0.088	0.024
25	0.047	0.041	0.060	0.018		0.067	0.025	0.028		0.025	0.018	0.019
26	0.091	0.059	0.104	0.079		0.091	0.016	0.008		0.016	0.045	0.034
27	0.163	0.219	0.147	0.093	0.045	0.063	0.018	0.006	0.025	0.046	0.105	0.127
28	0.285	0.172	0.363	0.015	0.045	0.044		0.007	0.032	0.078	0.068	0.153
29	0.127	0.123	0.218	0.099	0.065	0.139	0.004	0.012	0.028	0.027	0.063	0.018
30	0.147		0.055	0.091	0.043	0.048	0.020	0.035	0.031	0.032	0.018	0.043
31	0.093		0.178		0.017		0.027	0.064		0.048		0.080
Monthly mean	0.164	0.094	0.119	0.093	0.068	0.071	0.062	0.050	0.040	0.047	0.075	0.074

Table 8-5 (continued). SULFUR DIOXIDE, DAILY AVERAGES, 1969
(ppm)

ST. LOUIS

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.084	0.037	0.042	0.018	0.001	0.007	0.018	0.027	0.017	0.043	0.112	0.009
2	0.111	0.017	0.011	0.017	0.012	0.007	0.010	0.057	0.017	0.010	0.045	0.010
3	0.049	0.029	0.010	0.028	0.010	0.007	0.021	0.048	0.040	0.007	0.054	0.002
4	0.047	0.025	0.011	0.017	0.014	0.022	0.036	0.033	0.026	0.013	0.061	0.036
5	0.062	0.041	0.004	0.004	0.024	0.034	0.026	0.055	0.006	0.052	0.077	0.003
6	0.077	0.047	0.034	0.072	0.018	0.018	0.024	0.067	0.011	0.004	0.021	0.101
7	0.074	0.000	0.037	0.003	0.030	0.025	0.019	0.055	0.040	0.020	0.008	0.019
8	0.130	0.001	0.022	0.001	0.017	0.036	0.017	0.117	0.017	0.035	0.011	0.052
9	0.082	0.002	0.001	0.022	0.023	0.034	0.032	0.026	0.004	0.028	0.019	0.067
10	0.151	0.003	0.001	0.011	0.028	0.016	0.020	0.026	0.011	0.063	0.060	0.088
11		0.000	0.029	0.051		0.000	0.019	0.034	0.037	0.045	0.035	0.045
12	0.062	0.003	0.022	0.030	0.011	0.000	0.033	0.070	0.047	0.021	0.033	0.028
13	0.032	0.006	0.019	0.013	0.016	0.011	0.005	0.078	0.052	0.020	0.080	0.000
14	0.023	0.002	0.012	0.000	0.007	0.008	0.003	0.058	0.080	0.032	0.049	0.000
15	0.051	0.004	0.018	0.009	0.003		0.022	0.062	0.052	0.024	0.069	0.003
16	0.066	0.005	0.040	0.006	0.001	0.000	0.007	0.092	0.155	0.044	0.020	0.070
17	0.068	0.000	0.014	0.001	0.002	0.004	0.003	0.062	0.046	0.016	0.020	0.026
18	0.051	0.005	0.013	0.004	0.001	0.012	0.008	0.075	0.024	0.014	0.015	0.053
19	0.096	0.084	0.016	0.005	0.001	0.009	0.033	0.086	0.055	0.035	0.009	0.004
20	0.049	0.013	0.012	0.001	0.000	0.013	0.028	0.052	0.068	0.012	0.029	0.011
21		0.008	0.010	0.006	0.000	0.008	0.032	0.034	0.028	0.044	0.119	0.012
22	0.091	0.041	0.008			0.011	0.022	0.035	0.036	0.017	0.065	0.028
23	0.026	0.020	0.000		0.305	0.004	0.023	0.012	0.022	0.030	0.066	0.005
24	0.028	0.049	0.003	0.002	0.017	0.007	0.017		0.010	0.004	0.008	0.016
25	0.026	0.064	0.007		0.008	0.005	0.015		0.029	0.016	0.051	0.025
26	0.011	0.044	0.010		0.004	0.006	0.014	0.004	0.030	0.046	0.034	0.073
27	0.011	0.008	0.002		0.002	0.008	0.016	0.004	0.049	0.011	0.011	0.057
28	0.017	0.020	0.001		0.010	0.025	0.012	0.014	0.055	0.005	0.014	0.033
29	0.010	0.038	0.002		0.012	0.017	0.022	0.029	0.066	0.062	0.003	0.038
30			0.003	0.001	0.013	0.008	0.061	0.065	0.022	0.094	0.028	0.041
31	0.025		0.001		0.034		0.030	0.018		0.061		0.007
Monthly mean	0.055	0.021	0.014	0.014	0.011	0.012	0.021	0.049	0.039	0.030	0.041	0.031

WASHINGTON

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.058	0.063	0.071	0.017	0.025	0.013	0.007	0.001	0.002	0.016		
2	0.150	0.058	0.044	0.034	0.022	0.001	0.003	0.001	0.000	0.017		
3	0.113	0.057	0.042	0.033	0.036	0.009	0.002	0.001	0.010	0.010		
4	0.095	0.053	0.076	0.019	0.020	0.008	0.003	0.000	0.010	0.006		
5	0.066	0.087	0.090	0.014	0.024	0.007	0.008	0.005	0.024	0.011		
6	0.074	0.114	0.121	0.017	0.018	0.004	0.005	0.005	0.014	0.023		
7	0.056	0.119	0.068	0.022	0.026	0.000	0.017	0.000	0.020	0.014		
8	0.076	0.073	0.041	0.025	0.041	0.000	0.014		0.029	0.019		
9	0.086	0.085	0.071	0.012	0.014	0.000	0.016		0.024	0.011		
10	0.081	0.050	0.082	0.037	0.015	0.001	0.005	0.002	0.009	0.009		
11	0.068	0.066	0.048	0.037	0.032		0.003		0.011	0.012		
12	0.047	0.092	0.084	0.054	0.002	0.000	0.006	0.004	0.014			0.084
13	0.126	0.080	0.078	0.037	0.012	0.003	0.022	0.011	0.021			0.057
14	0.027	0.113	0.078	0.022	0.013	0.003	0.004	0.000	0.011			0.032
15	0.041	0.107	0.072	0.014	0.017	0.006	0.003	0.004	0.021			0.035
16	0.072	0.090	0.054	0.012	0.010	0.001	0.004	0.003	0.030			0.056
17	0.098	0.067	0.036	0.017	0.012		0.012	0.000	0.031			0.041
18	0.114	0.060	0.041	0.015	0.010		0.007	0.000	0.015			0.066
19	0.115	0.095	0.041	0.012	0.007		0.008	0.000	0.019			0.098
20	0.126	0.098	0.047	0.004	0.008		0.002	0.004	0.023			0.077
21	0.084	0.070	0.092	0.002	0.024		0.011	0.000	0.025			0.054
22	0.109	0.083	0.090	0.007	0.023		0.016	0.011	0.023			0.078
23	0.075	0.098	0.024	0.004	0.017		0.006	0.002	0.027			0.049
24	0.057	0.093	0.028	0.015	0.001		0.001	0.001	0.021			0.046
25	0.076	0.055	0.050	0.019	0.001	0.006	0.003	0.001	0.016			
26	0.154	0.094	0.041	0.029	0.004	0.004	0.016	0.001	0.022			0.065
27	0.180	0.114	0.067	0.032	0.000	0.000	0.003	0.005	0.022			0.083
28	0.146	0.152	0.042	0.026	0.009	0.001	0.001	0.010	0.010			0.030
29	0.127	0.122	0.025	0.029	0.009	0.001	0.003	0.012	0.009			0.036
30	0.108		0.009	0.022	0.001	0.001	0.024	0.003	0.020			0.062
31	0.070		0.013		0.015		0.008	0.010				
Monthly mean	0.096	0.086	0.057	0.022	0.015	0.004	0.008	0.003	0.018			0.060

Table 8-6. TOTAL HYDROCARBONS, DAILY AVERAGES, 1968
(ppm)

CHICAGO

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2.47		3.15	3.47		3.14	2.33	2.77	2.07	2.16	2.70	2.24
2	3.13		3.04	3.26		2.36	2.65	3.50	2.00	2.08	2.45	3.08
3	2.49		2.85	2.68	4.29		3.29	3.60	2.77	1.75	2.10	3.00
4	2.32		3.61	2.71	2.83		3.07	3.34	3.09	2.47	2.54	2.35
5	2.54		3.67	3.59	2.36		3.42	2.86	2.64	2.87	2.59	1.99
6	2.59	5.16	3.16	3.63	3.45	3.88	3.02	2.28	3.04		2.71	2.36
7	2.24	3.45	3.44	2.90	2.51	3.45	3.09	2.81	3.20		2.63	2.30
8	3.09	3.07	4.38	3.21	2.66	3.87	3.38	2.59	2.32			2.29
9	2.83	3.20	3.26	3.46	2.27	3.52	3.22	3.35		2.23		2.80
10	3.23	2.92	2.88	4.09		2.97	3.18	1.65		2.95		2.11
11	2.77	2.32	3.43	4.34	3.24	2.31	3.97	1.43		3.24		2.51
12	2.45	2.84	3.25	3.74	3.13	2.41				3.63		2.32
13	2.90	2.87	3.46	3.95	3.32	2.28				2.49		2.19
14	2.31	2.76	3.49	3.32	2.94	2.78				2.99		2.48
15	2.88	2.98	3.78		3.32		3.04			2.73		2.49
16	3.33	3.03	4.77	3.19	2.08	2.26	3.23			2.60	2.53	2.61
17	2.92	2.67	5.39	3.27	2.72	2.31	2.83			2.22	2.06	2.85
18	2.96	2.60	3.41		2.82	3.45	3.01			2.32	2.28	2.63
19	2.54	3.69	3.44	3.75	2.44	3.07	3.23			1.98	2.09	2.32
20	2.86	3.00	3.05	2.58	3.45	3.08	2.78	2.80		2.18	2.14	2.31
21	2.89	2.78	3.28	2.97	3.53	3.10	2.79	2.84		3.41	2.29	2.39
22	3.73	2.74	3.16		3.85	2.49	2.78	2.83		2.21	2.90	1.94
23	3.38	3.22	2.73		3.63	2.58	2.81	3.13		2.41	2.35	2.16
24	2.94	2.82	2.64		4.05	3.33	3.36	1.97		2.98	1.93	2.54
25	3.21	2.56	3.16		3.67	3.51		2.03		2.72	2.51	2.24
26		3.85	3.92		2.70	2.33	3.00	2.48		2.39	2.38	2.25
27			3.20		2.77	2.43		2.59		1.97	2.46	4.19
28		3.19	2.99		3.20	2.50		4.03	2.67	2.25	1.99	2.26
29		3.36	3.57		3.67	2.77		3.40	2.92	2.28	2.34	2.15
30			4.02	4.08	2.70	1.88	2.97	3.50	3.14	2.92	2.76	2.36
31			2.74		4.44		2.81	3.07		3.43		2.18
Monthly mean	2.84	3.09	3.43	3.42	3.11	2.84	3.05	2.81		2.55	2.39	2.44

CINCINNATI

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2.03		2.06	1.86	2.32	2.46	2.24	2.14	2.20	2.58	2.98	
2	2.44		2.18	2.11	3.01	2.31	3.05	2.63	2.18		3.20	3.03
3	2.56		2.07	1.93	2.88	2.52	1.86	2.90	2.52		2.35	2.93
4	2.18			1.58	2.23	3.53	3.13	2.10	2.23		3.46	2.17
5	2.62			1.92	1.72	4.17	3.22	2.52	2.14	3.34	4.57	1.87
6			2.33	2.29	2.39	4.00	2.15	2.10	2.41	2.12	3.55	2.57
7			2.75	3.20	1.94	4.59	2.28		3.45	2.34	2.54	2.49
8	2.34	2.38	3.75	2.11	1.93	4.08	2.35	2.48	2.96	2.51	2.28	2.20
9		2.09	2.54	2.81	1.95	3.32	2.18	2.38	2.19	3.81	2.50	2.53
10		1.97	2.09	3.59	2.68	2.70	2.98	2.15		2.54		2.04
11	2.67	1.88	1.91	2.60	2.00	2.72	3.14	1.69	2.40	4.01		2.58
12	2.54		1.82	2.33	2.01	2.03	4.15	2.01	2.78	3.67	2.03	2.13
13	2.88	2.37	1.86	2.44	3.27	1.99	2.57	2.54	4.32	4.56	2.56	1.96
14		2.35	2.50	1.96	2.12	2.44	1.77	2.38		4.18	2.65	2.06
15		2.25	2.51	2.26	2.08	2.20		2.37		3.76	2.89	
16			3.03	3.25	1.73	1.60		1.94	2.18	3.16	2.40	2.70
17	2.46	2.06	4.51	2.44	2.50	1.90		1.98	2.06	2.27	2.47	3.42
18	4.59	2.49	5.08	2.48	2.07	2.45		2.17	2.04	2.57	2.08	2.74
19	3.73	2.71	3.28	2.57	1.92	2.30		2.33	2.06	3.72	2.06	2.32
20	3.62	2.39	2.75	2.36	1.99	1.82	1.75	2.08	2.92	3.22	2.41	2.09
21	3.41	2.51	2.47	2.74	2.33	2.76	1.99	2.22	3.83	4.45	2.40	2.11
22	3.48	2.96	2.19	3.15	3.37	2.36		3.21	3.62	2.51	4.11	2.11
23	2.80	3.55	1.75	2.22	2.12	2.00		3.67	4.15	3.08	2.92	1.98
24		5.00	2.09	1.92	2.24	1.93		3.05	3.02	3.65	2.38	2.24
25			2.45	2.19	1.91	1.75	2.58		2.29	2.29	3.27	2.20
26			2.39	2.87	1.84	1.77	2.08	2.36	2.50	2.56	2.45	2.27
27		3.40	2.79	2.35	1.99	1.60	3.06	2.46	3.58	2.20	2.64	2.55
28		2.23	2.53	3.35	2.27	1.74	1.80	2.67		2.10	1.90	1.86
29		1.99	2.47	3.03	3.01	1.87	2.38	2.80		2.63	2.10	2.12
30			2.27	2.36	2.20	1.85	1.90	3.17		4.42	2.54	2.44
31			1.94		2.84		2.04	3.25		5.56		2.05
Monthly mean	2.91	2.56	2.56	2.48	2.27	2.50	2.47	2.48	2.77	3.22	2.69	2.32

Table 8-6 (continued). SULFUR DIOXIDE, DAILY AVERAGES, 1968
(ppm)

DENVER

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2.97		3.35	2.94	2.15	2.28	3.00	2.29	2.07	2.41	3.11	
2			2.93	2.74	2.02	2.10	3.32	2.60	1.80		2.61	
3	3.12		2.81		2.10	2.36			2.54	3.26	3.21	
4	3.32		3.06		2.13	2.56		1.76	2.66	3.02	3.49	
5	2.91		2.95	3.48	1.77	2.67		2.36	2.05	2.74	2.51	
6	2.83	3.91	3.83	2.81	1.83	1.95		2.26		2.83	2.49	
7	4.95	5.72	3.34	2.42	1.85	2.63		2.40	1.69	3.59	3.54	
8	4.11	5.02	2.86		2.58	1.90		2.37	1.67	2.76	3.09	
9	3.61	4.24	3.04		2.11	1.81		2.30	2.96	2.78	2.44	5.15
10	6.41	3.67	2.50		2.14	2.47		1.93	2.37	4.26	1.93	
11	4.47	3.02	2.99		1.87	2.47		1.88	2.40	3.22	3.03	2.51
12	3.65	3.10	3.06		1.96	2.76		3.21	2.76	4.01	2.74	1.71
13	5.38	3.33	3.44		1.74	2.38		3.11	2.54	2.73	2.86	2.60
14	3.30	3.58	2.65		1.99	2.03		2.74	2.03	2.41	2.88	5.17
15	5.45	4.17	3.01	2.77	1.84			2.23	1.80	2.51	4.23	3.43
16	6.24	3.42	4.15	2.35	2.19			2.00	2.02	2.40	2.50	5.09
17	3.60	3.39	2.53	2.96	1.85	3.13			2.24	3.00	2.01	4.06
18	4.31		2.82		1.65				2.87		3.41	2.56
19	4.80	3.10	2.95	2.52	1.61	2.65		2.24	2.26	3.22	3.47	2.90
20	4.67	3.68		2.38	2.06	2.34	2.73	2.60	2.68	2.95	6.05	2.77
21	4.19	5.17		2.18		2.36	2.76	2.21	2.14	2.66	3.88	
22	5.02	3.85	2.77	2.54	2.04	2.39		2.41	1.83	2.90	2.63	
23	4.52	3.75	2.55	2.21	2.04			1.98	3.11	2.45	2.00	
24	4.15	3.20	2.56	2.17	2.61	2.36			2.58	3.49	2.60	6.40
25	3.28	2.91	2.64	1.91	2.34	2.31			2.98	3.75	3.31	3.15
26	3.25	3.14	2.38	2.07	2.08	2.89			2.84	2.72	3.23	3.67
27	3.14	3.66	2.74	1.92	2.15	3.28		2.75	3.00	2.72	3.34	2.57
28		3.27	2.72	1.86	2.41	3.18		2.54	2.36	3.58	2.10	2.60
29		3.30	2.85	2.14	2.97	3.47		2.62	2.34	3.32	3.10	2.24
30			2.40	2.23	2.24		2.44	3.20	3.36	2.66	4.24	2.46
31			2.20		2.39		1.96	2.69		2.46		
Monthly mean	4.[illegible]	3.74	2.90	2.39	2.08	2.67		2.47	2.40	2.99	3.06	3.37

PHILADELPHIA

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1.37	2.33	1.73	1.75	1.91		1.63	2.50	2.86	2.51	4.42	
2	2.67	2.29	1.75	2.22	1.96	2.75	1.30	2.04	2.63			
3	3.54	1.78	1.46	2.31	2.70	3.23	1.38	2.06				
4	2.72	1.69	1.79	1.74	1.67	2.44	1.08	1.70				
5	1.89	2.19	1.77	1.64	1.64	2.59	1.29	1.80				
6	2.76	2.45	2.59	1.86	1.45	3.67	1.70	1.99				
7		2.85	1.89		1.79	3.75	1.32	1.99	2.43			
8		1.69	3.62	2.79	1.83	2.28	1.86	1.83	2.46			
9	2.36	1.96	3.89	2.13	1.77	1.87	1.83	2.40	2.63			
10	1.07		4.23	2.10	2.54	2.13	1.77	1.55	2.22			
11	0.35		1.91	1.90	2.25		1.92	1.22	2.18			
12	0.72	2.13	2.80	2.06	2.23	2.49	2.11	2.18	2.14			
13	0.83		2.41	3.10	1.85	1.63	2.03	2.30	2.20			
14	0.12		1.92	1.81	2.03	1.85	1.68	2.13	2.46			
15	0.60		2.30	1.40	2.37	2.79	2.23	1.72	2.33			
16	0.31		1.93	1.90	1.94	2.01	2.05	2.68	2.66	4.77		
17	2.18		1.36	2.03	1.80	1.52	2.48	2.55	3.41			
18	4.30		1.35	2.21		1.41	3.10	1.54	3.13			
19	4.40		2.01		1.67	1.66	1.82	1.68				
20	2.79	1.86	2.61		1.50		1.03	2.25				
21	3.74	1.72	4.31		1.82	1.73	1.04	1.75	2.44			
22	2.39	1.83	2.54	1.96	1.77		1.79	2.28	2.56			
23	2.64	2.12		1.88	3.17		1.71	1.80	2.58			
24	1.59	1.80	1.67	1.56	2.71		2.55	2.38				
25	1.10	1.45	2.00	1.51	1.86		2.21	2.26				
26	1.59	1.90	2.08	1.98			1.74	1.46				
27	2.90	3.65	2.44	2.14		1.86	1.82	1.50	2.35			
28	4.09	2.68	4.51	1.99	2.08	1.62	1.38	1.80	1.80			
29	2.57	2.55	3.63	2.56	2.24	1.92	1.67	2.17	1.81			
30	2.76		2.08	2.37			1.90	2.50	2.13			
31	2.23		2.24		1.84		1.82	2.66				
Monthly mean	2.20	2.15	2.43	2.01	2.02	2.25	1.78	2.03	2.45			

Table 8-6 (continued). SULFUR DIOXIDE, DAILY AVERAGES, 1968
(ppm)

ST. LOUIS

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	3.00	6.14	3.98	2.84	3.37		3.52	2.66	3.15	3.10	2.65	
2	3.71	3.65	6.14	3.15	3.72	7.27	3.33	3.31	3.19	2.98	2.71	
3	3.49	4.43	3.25	2.95	2.95	5.18	3.60	1.81	3.36	2.21	1.59	
4	3.16	2.01	3.34	2.80	3.51	4.48	4.27	1.95	3.06	2.81	2.39	2.18
5	3.97	2.58	3.52	3.36	6.22	4.44	3.82	2.41	2.76	2.87	3.95	1.55
6	3.69	4.31	5.09	3.90	4.83	4.33	2.72	2.09	2.81	2.42	1.78	2.65
7	3.50	3.12	4.89	3.44	4.54	4.43	3.11	2.50	2.46	3.38	1.35	2.23
8	3.87	3.65	3.67		5.47	4.90	3.15	3.01	1.74	2.70	1.55	2.05
9	4.02	3.94	4.37	3.05	2.85	4.49	3.23	2.26	1.58	2.94	2.01	2.37
10	4.41	3.57	2.52	3.25	2.85	4.25	2.85	1.45	1.22	2.14	2.27	2.86
11	3.65	3.20		3.97	2.33	3.13	3.22	1.77	4.22	2.46	1.86	2.85
12	4.35	3.21		4.22	3.29	2.94	4.20	2.29	7.09	3.01	2.65	2.50
13	5.06	3.54	4.02	4.60	5.44	3.80	2.84	2.53	6.04	2.88	3.25	1.97
14	4.18	3.67	4.29	3.62	7.73	4.19	2.23	2.35	5.29	3.16		1.55
15	4.79	3.72	6.47	4.19	4.30	3.37	2.91		4.45	2.89		1.42
16	5.31	4.69	7.82	3.78	3.09	2.84	3.15			2.71	2.20	2.29
17	5.52	3.60	5.16	3.92	2.81	3.47	2.82	3.06	4.04	2.46	2.25	1.92
18	7.57	4.09	4.60	2.87	3.13	4.02	2.65	3.01	3.50	2.74	1.91	2.20
19	9.76	6.04	6.60	4.35	3.00	3.34	2.83	2.97	3.61	3.11	1.96	1.84
20	6.43	6.09	3.42	2.93	3.32	3.36	2.52	2.91	4.49	3.13	2.29	2.03
21	6.97	3.30	3.47	2.92	3.49	3.52	3.09	3.73	3.96	2.99	2.76	2.05
22	8.06	3.64	3.65	3.67	3.24	3.50	3.10	2.64	4.20	2.25	3.68	1.95
23	5.19	4.00	2.82	2.88	3.25	3.55	2.96	2.47	3.99	2.69	2.32	1.89
24	4.28	5.14	4.06	2.57	3.55	3.57	2.67	1.89	3.67	1.99	2.14	1.81
25	4.10	4.67	3.90		3.89	3.26	2.67	1.89	3.57	2.72	2.90	1.61
26	4.01	4.49	3.93		3.89	2.97	2.61	2.96	3.10	2.98	2.25	2.08
27	4.02	3.95	3.48	2.52	3.38	3.10		2.60	4.92	2.53		2.35
28	3.78	4.15	3.67	2.77	3.54	3.71		2.76	3.83	2.75		
29	4.62	3.59	3.39	3.54		3.46	2.98	2.91	3.52	3.13		1.95
30	4.54		3.05	5.82	2.85	3.48	2.79	3.20	3.92	2.82		2.50
31	4.75		2.34		3.26		2.81	2.94		3.08		2.03
Monthly mean	4.79	4.01	4.17	3.49	3.77	3.88	3.06	2.55	3.63	2.78	2.33	2.08

WASHINGTON

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2.20	2.45	1.50	1.77	1.62	1.32	2.39	1.95	2.10	2.83		2.10
2		2.71	1.83	2.08	1.82	1.63	2.40	2.03	2.70	2.16		2.19
3		2.32	1.80	1.76	2.49	1.99	2.22	1.91	3.13	2.11		2.71
4	2.02	2.40	2.01	1.81	2.08	2.06	2.00	1.92	2.57	2.00		1.98
5	2.77	2.77	2.59	1.83	1.75	3.66	2.22	2.34	2.90	2.59		1.68
6	3.23	3.28	2.25	1.76	1.87	2.07	1.93	2.20	2.19	3.57		2.18
7	2.73	3.47	1.92	1.82	2.67	1.86	1.87	1.99	2.28	2.19		2.01
8	3.08	1.99	2.48	2.42	2.75	1.45	1.91	1.99	3.36	2.27		1.73
9	3.17	2.02	2.79	2.36	2.09	1.57	1.86	2.23	2.74	2.32		1.72
10	2.95	1.84	2.04	2.33	2.49	1.45	1.84	1.96	2.12	2.32		1.88
11	3.08	1.91	1.68	2.52	2.19	1.35	1.83	1.77	2.13	2.37		2.16
12		2.05	2.13	3.29		1.65	1.87	2.20	1.99	2.13		1.97
13		2.17	1.92	2.41	1.95	1.63	1.84	1.84	2.27	2.34		1.90
14	2.05	2.25	2.28	3.71	2.04	1.86	1.77	2.24	2.54	2.45		2.16
15	2.35	2.57	2.10	1.64	2.09	2.16	2.35	2.04	2.94	2.76		1.69
16	2.55	2.43	1.99	1.93	2.43		1.94	2.21	2.78	3.10		1.81
17	2.69	2.76	1.84	1.90	2.15		2.17	2.35	3.11	2.57		2.08
18	4.32	2.13	1.81	1.89	2.13	1.59	2.29		2.44	2.37		2.83
19	5.72	2.52	2.12	2.19	1.65		2.16	1.89	2.27	2.08		2.90
20		2.99	2.13	1.66	1.64	1.83	2.05	2.09	3.57	2.14		2.90
21	3.87	2.23	2.24	1.48	1.78	2.05	2.11	2.24	4.38	2.42		
22	3.86	1.98	2.01	1.52	1.64	1.96	1.84	2.58	2.34	4.26		
23	3.20	2.24	1.16	1.52	1.98	1.90	1.96	2.12	2.52	2.17		2.41
24	2.83	2.10	1.15	2.05	1.62	2.20	2.38	2.15	2.52	2.32		1.98
25	2.93	1.89	1.44	1.54	1.38	2.55	2.45	2.00	2.94	1.85		1.99
26	3.17	2.39	1.47	1.74	2.61	1.83	2.06	1.89	2.71	1.76	2.17	1.75
27			3.12	1.96		1.69	1.78	1.91	2.55	1.70	2.37	1.94
28		2.48	2.96			1.88	1.73	2.21	2.44		2.24	1.82
29		1.94	3.12	1.84		1.95	2.06	2.49	2.47		2.03	1.62
30	3.48		1.82	1.74		2.26	2.06	2.97	2.81		1.96	1.94
31	3.01		1.94		1.26		2.13	3.29				2.00
Monthly mean	3.04	2.34	2.05	2.02	2.01	1.90	2.04	2.17	2.66	2.41		2.06

Table 8-7. TOTAL OXIDANTS, DAILY AVERAGES, 1968
(ppm)

CHICAGO

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1			0.000	0.016		0.032	0.016	0.030	0.018	0.017	0.019	0.017
2			0.000	0.014		0.023	0.032	0.032	0.027	0.012	0.032	0.028
3			0.000	0.017				0.046	0.031	0.009	0.028	0.013
4			0.014	0.011	0.031	0.030		0.076	0.027	0.010		
5			0.016	0.007	0.017	0.043	0.017	0.024	0.032	0.008		
6			0.025	0.014	0.028	0.030	0.014					
7			0.030	0.021	0.032	0.051	0.017	0.038	0.024			
8			0.045	0.007	0.027	0.039	0.034	0.035	0.028			
9		0.000	0.031	0.007	0.020	0.061	0.052	0.073	0.015		0.003	
10		0.000	0.019		0.033	0.026	0.070	0.021	0.022			
11		0.000	0.012	0.021	0.039	0.020	0.074	0.032	0.031	0.022		0.009
12		0.000	0.008	0.024	0.045		0.049	0.049	0.045	0.036		0.025
13		0.000	0.000	0.033	0.046		0.056	0.044	0.051	0.025	0.025	0.000
14			0.000		0.027	0.030	0.037	0.034	0.036		0.035	0.000
15			0.014	0.017	0.028		0.032	0.036	0.031		0.037	0.000
16		0.000	0.025		0.016		0.047	0.046		0.015	0.032	0.001
17		0.000	0.030		0.032			0.050		0.011	0.017	0.005
18		0.000	0.016	0.030	0.025			0.040	0.022	0.009	0.017	0.017
19		0.000	0.021	0.018	0.023	0.042	0.113	0.036		0.011	0.003	
20		0.000	0.010	0.015	0.032	0.040	0.060	0.052	0.030	0.016	0.001	0.003
21			0.009	0.024	0.028	0.029		0.039	0.019	0.023	0.012	0.002
22			0.003		0.027	0.028	0.036	0.053	0.026	0.011	0.024	
23	0.000		0.001		0.027		0.048			0.007	0.020	
24		0.000	0.004		0.038	0.017	0.035		0.016	0.011		
25		0.003	0.011		0.036	0.010	0.041		0.018	0.007		
26			0.030		0.020	0.015			0.024	0.006	0.027	
27	0.000		0.028		0.017	0.010		0.027	0.020	0.013	0.033	
28	0.008	0.000	0.015		0.019	0.021		0.037	0.022		0.021	
29	0.008	0.000	0.017	0.033	0.026	0.021		0.039	0.025		0.020	
30			0.017	0.032	0.030	0.028		0.040	0.016		0.015	
31			0.012		0.052		0.058	0.032				
Monthly mean			0.015	0.019	0.029	0.029	0.044	0.041	0.027	0.014	0.021	

CINCINNATI

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1				0.026	0.040	0.018	0.022				0.031	
2	0.016			0.027	0.029	0.026					0.015	
3	0.013			0.029		0.029					0.017	
4				0.025		0.024	0.030					
5				0.022	0.029	0.028	0.035					
6						0.035	0.025					
7						0.054	0.027		0.031		0.010	
8						0.037	0.020		0.023		0.015	
9				0.025		0.047	0.014		0.019			
10				0.025		0.054	0.020		0.009		0.019	
11						0.043						
12							0.030					
13						0.017	0.030					
14			0.014		0.040						0.015	
15							0.012				0.018	
16				0.023			0.016				0.014	
17				0.021						0.023	0.012	
18										0.020	0.013	
19			0.024							0.026	0.017	
20		0.022	0.013							0.021	0.012	
21		0.021	0.006			0.009				0.027		
22		0.001	0.009		0.029	0.013				0.023		
23		0.006	0.027		0.019	0.016			0.021		0.031	
24		0.014	0.030		0.016	0.016			0.018		0.016	
25		0.017	0.022							0.016		
26		0.012	0.033	0.006	0.024	0.012				0.019		
27			0.029		0.020	0.007		0.026				
28			0.029	0.041	0.011	0.020		0.032				
29			0.031	0.022	0.015			0.049			0.011	
30			0.038		0.025			0.030		0.030		
31			0.025		0.028					0.050		
Monthly mean						0.027					0.017	

Table 8-7 (continued). TOTAL OXIDANTS, DAILY AVERAGES, 1968
(ppm)

DENVER

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.010	0.025		0.051	0.041	0.048				0.024	0.018	0.021
2	0.005	0.010		0.043						0.035	0.023	0.018
3	0.015	0.010		0.038	0.037		0.044			0.032	0.025	0.026
4		0.019			0.043		0.042			0.039	0.020	0.032
5	0.027	0.013		0.055	0.052	0.046	0.031			0.033	0.016	0.018
6	0.009	0.020		0.047	0.039	0.033	0.046		0.036	0.031	0.015	0.023
7	0.017	0.029		0.057	0.043		0.053			0.035	0.019	0.019
8	0.011	0.016		0.030	0.034		0.037			0.029	0.022	0.016
9				0.040	0.042		0.062		0.040	0.035	0.019	0.010
10				0.041	0.030		0.075		0.041	0.028	0.022	0.026
11		0.032		0.051	0.034	0.070	0.051		0.031			0.018
12			0.026	0.043			0.052		0.018	0.039	0.025	0.035
13			0.026	0.039					0.023	0.021	0.017	0.016
14			0.036	0.052	0.033				0.026		0.016	0.008
15	0.032		0.023	0.043	0.039		0.058		0.037	0.029		0.013
16	0.034		0.023	0.035	0.016		0.057	0.038	0.030	0.024	0.019	0.006
17	0.020	0.013	0.031	0.027	0.028		0.061	0.031	0.026	0.028	0.021	0.014
18		0.026	0.033	0.022			0.047	0.033		0.012	0.011	0.011
19			0.032				0.059	0.028		0.039	0.014	0.012
20		0.018					0.055	0.029				0.005
21		0.021		0.029	0.041			0.051		0.028		0.004
22		0.023		0.026	0.043			0.030		0.039		0.010
23	0.023			0.036	0.039				0.041	0.035		
24	0.015		0.038	0.035	0.033				0.032	0.044	0.015	0.040
25	0.017			0.040	0.043				0.028	0.069	0.026	0.017
26	0.012		0.043	0.037	0.041				0.027		0.014	0.010
27	0.014			0.032	0.038				0.031		0.013	0.017
28	0.016		0.043		0.041				0.025		0.025	
29	0.019		0.039	0.044	0.042				0.032		0.017	0.009
30	0.021		0.047	0.042	0.047				0.029		0.024	0.003
31	0.019		0.048		0.036							0.008
Monthly mean												

PHILADELPHIA

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.019	0.017		0.016			0.007	0.022	0.015	0.033		0.011
2	0.001	0.023	0.018	0.018		0.023	0.007	0.020	0.017			
3	0.020			0.006		0.023			0.038	0.025		
4	0.027		0.014	0.006				0.025		0.017		
5	0.010	0.009	0.031	0.015				0.035	0.027	0.017		
6	0.012	0.006	0.019	0.018			0.030	0.033	0.023	0.030		
7	0.036	0.011	0.018	0.016					0.030	0.022		
8		0.003	0.028				0.050	0.033	0.043	0.040		
9	0.003		0.058				0.034	0.014	0.030	0.025		
10	0.002		0.081				0.011	0.028	0.017	0.018		
11			0.032					0.022	0.014			
12		0.000	0.026			0.010		0.036	0.010	0.014	0.008	
13	0.012	0.003	0.030			0.016		0.023			0.010	
14	0.027	0.006	0.014			0.019	0.031				0.010	
15	0.017	0.011	0.033	0.012		0.053	0.028				0.008	
16	0.010		0.037			0.043					0.007	
17	0.008	0.002	0.027			0.011	0.038	0.018		0.018	0.013	
18	0.034		0.029	0.041		0.035	0.058	0.023		0.007		0.021
19	0.038	0.014	0.038	0.043				0.017		0.004		
20	0.028	0.007	0.042	0.037				0.004	0.045			
21	0.031	0.006	0.041	0.030			0.030	0.018	0.044		0.021	0.028
22	0.013		0.026	0.023				0.041				
23	0.017		0.018	0.024					0.049			
24	0.011		0.025	0.025		0.032			0.047		0.018	0.022
25	0.011	0.013	0.032	0.019		0.026	0.019	0.026				
26	0.005		0.034	0.036		0.008	0.030		0.028		0.012	
27	0.016		0.038	0.025		0.001	0.026		0.041			0.022
28	0.019		0.028			0.002	0.022		0.027			
29	0.024	0.041	0.020				0.014	0.024	0.022		0.021	
30	0.030		0.026				0.033	0.015	0.029		0.016	0.015
31	0.016		0.028									
Monthly mean	0.018	0.010	0.031	0.023			0.026	0.025	0.029			

Table 8-7 (continued). TOTAL OXIDANTS, DAILY AVERAGES, 1968
(ppm)

ST. LOUIS

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1		0.030		0.021		0.019				0.025	0.032	
2				0.026	0.022	0.043	0.017	0.033		0.026		
3	0.015	0.014	0.013	0.020		0.032	0.015			0.021	0.014	
4	0.013	0.011	0.008		0.024	0.031	0.032			0.022		
5	0.007	0.005	0.020	0.030	0.018	0.036	0.032			0.025	0.040	
6	0.009	0.009	0.020	0.031	0.025	0.029	0.037		0.019	0.022	0.024	0.011
7	0.003	0.016		0.046	0.029	0.028			0.023	0.025	0.014	0.015
8	0.003	0.018			0.031			0.019	0.025	0.025	0.012	0.013
9	0.022	0.012	0.030	0.023	0.024	0.039	0.037	0.042	0.008	0.022		
10	0.003	0.011		0.033	0.011				0.013	0.037		
11	0.010	0.012	0.025	0.030	0.015		0.041		0.021	0.024	0.012	
12	0.024	0.012	0.027	0.040	0.035		0.025			0.018	0.018	
13	0.012	0.014	0.026	0.036	0.010		0.024				0.024	
14	0.019	0.021	0.034	0.028	0.013		0.009	0.020			0.023	
15	0.028	0.024	0.036	0.023		0.036	0.006	0.025				
16	0.027	0.026	0.021	0.024					0.029	0.018		
17	0.033	0.020	0.037				0.017		0.027	0.013		
18		0.018				0.020			0.031		0.019	
19		0.020	0.037	0.025	0.018	0.034	0.021		0.042		0.035	
20	0.005		0.020		0.017	0.040			0.050	0.016	0.036	
21	0.007	0.009	0.019	0.030	0.014	0.031	0.037					
22	0.010	0.008	0.021		0.007	0.031			0.019	0.015		
23	0.017	0.010	0.022		0.005	0.029	0.020		0.025			
24	0.007	0.021	0.026		0.005	0.008	0.011		0.026			
25	0.012	0.023	0.030		0.006				0.028	0.013		
26	0.034	0.023	0.043		0.015	0.008	0.024		0.024			
27	0.039	0.019	0.039		0.020	0.013			0.046			
28	0.026	0.018	0.033	0.030	0.018	0.017		0.030	0.026	0.019		
29		0.015	0.027	0.024	0.019				0.034	0.022		
30	0.019		0.023		0.031		0.030		0.028	0.036		
31	0.021		0.016		0.019		0.017	0.016		0.041		
Monthly mean	0.016	0.016	0.026	0.029	0.018	0.028	0.023		0.027	0.023		

WASHINGTON

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.001	0.013	0.019	0.024		0.055	0.054	0.033	0.019			
2		0.014	0.018	0.018		0.034	0.033	0.034	0.028	0.035		
3	0.010	0.015	0.019	0.017		0.022	0.026	0.050	0.031	0.026		
4	0.006	0.015	0.006	0.017			0.040	0.032	0.045	0.020		
5	0.000	0.008	0.010	0.024		0.095	0.056			0.025		
6	0.003	0.009	0.017			0.063	0.052	0.036	0.019	0.041		
7	0.002	0.014	0.011			0.051	0.058	0.035	0.043	0.015		
8	0.000	0.002	0.017	0.022		0.018	0.043	0.071	0.068	0.029		
9	0.000	0.010	0.041	0.031		0.017	0.037	0.054	0.052	0.024		
10	0.000	0.001	0.030	0.023		0.022	0.040	0.036	0.012	0.015		
11	0.000	0.002	0.025	0.024		0.005	0.034	0.034	0.020	0.012		
12		0.000	0.018	0.041		0.006	0.028	0.048	0.023			
13	0.008	0.000	0.015	0.034		0.012	0.019	0.047	0.036			
14	0.024	0.000	0.017	0.053		0.023	0.024	0.027	0.039	0.019		
15	0.008	0.007	0.024	0.020		0.054	0.033	0.059	0.057	0.028		
16	0.004	0.009	0.024	0.026		0.053	0.036	0.041		0.024		
17	0.004	0.011	0.022	0.034		0.013	0.043	0.028		0.015		
18	0.032	0.003	0.027	0.037		0.036	0.047	0.063		0.011		
19	0.034	0.000	0.024	0.045		0.030	0.023	0.041		0.008		
20	0.018	0.008	0.022	0.035		0.026	0.018	0.031		0.027		
21	0.020	0.003	0.025	0.025		0.030	0.049	0.039		0.022		
22	0.013		0.035	0.019		0.051	0.039	0.060		0.046		
23	0.004	0.003	0.027	0.029		0.066	0.044	0.057	0.075	0.028		
24	0.001	0.006	0.030	0.013		0.044	0.035	0.054	0.040	0.017		
25	0.001		0.034			0.035	0.026	0.043	0.025	0.013		
26	0.004	0.008	0.035	0.024		0.020	0.039	0.023	0.030	0.014		
27	0.011	0.002	0.044	0.020		0.015	0.021	0.020	0.045	0.018		
28	0.007	0.004	0.038	0.032		0.013	0.037	0.034	0.039			
29	0.006	0.008	0.031			0.039	0.039	0.054	0.028			
30	0.016		0.037		0.033	0.045	0.048	0.045	0.034			
31	0.010		0.035		0.032		0.037	0.058				
Monthly mean	0.009	0.007	0.026	0.027		0.035	0.037	0.043	0.036	0.022		

Table 8-8. NITROGEN DIOXIDE, URBAN, 24-HOUR BUBBLER

Station location	Year	No. of samples	Concentration, µg/m3													Std geo dev
			Min	Frequency distribution percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
ALASKA																
FAIRBANKS																
SITE 01	68	21	34	56	67	69	92	99	104	124	142	159	269	107	96	1.64
ARKANSAS																
EL DORADO																
SITE 01	68	25	58	72	79	89	93	108	113	127	130	154	157	108	104	1.33
CALIFORNIA																
ANAHEIM																
SITE 01	68	25	126	149	168	180	193	219	250	300	452	574	747	299	258	1.69
SAN BERNARDINO																
SITE 01	68	24	107	139	146	178	225	231	245	293	350	374	465	247	229	1.49
SAN DIEGO																
SITE 01	68	24	45	75	112	135	143	151	188	214	273	401	776	211	171	1.91
SAN FRANCISCO																
SITE 01	68	22	70	95	123	157	165	191	193	242	298	403	481	218	192	1.67
SAN JOSE																
SITE 02	68	26	102	117	149	159	165	178	226	291	312	364	657	231	208	1.56
COLORADO																
DENVER																
SITE 02	68	25	40	90	119	143	146	170	173	224	244	261	304	174	158	1.63
CONNECTICUT																
BRIDGEPORT																
SITE 01	68	25	56	111	137	166	169	199	209	262	313	330	347	212	194	1.58
HARTFORD																
SITE 01	68	21	42	47	63	68	95	111	148	167	210	235	269	133	112	1.85
NEW HAVEN																
SITE 01	68	25	76	145	150	157	159	178	212	241	267	309	311	202	191	1.41
DELAWARE																
NEWARK																
SITE 01	68	24	62	83	104	112	114	128	150	157	195	209	265	141	133	1.42
*WILMINGTON																
SITE 01	68	21	56	72	163	169	180	182	214	232	259	269	336	197	179	1.64
DC																
WASHINGTON																
SITE 02	68	25	55	107	122	133	152	188	199	238	258	283	346	190	175	1.55
FLORIDA																
MIAMI																
SITE 02	68	26	40	58	93	103	115	122	149	171	172	203	265	136	123	1.60
TAMPA																
SITE 02	68	22	52	89	111	119	129	130	156	168	180	200	313	150	138	1.53
GEORGIA																
ATLANTA																
SITE 01	68	26	119	142	165	180	185	190	202	239	270	341	478	220	209	1.38
ILLINOIS																
CHICAGO																
SITE 02	68	25	170	201	221	236	253	274	319	343	371	417	529	299	287	1.34
INDIANA																
EAST CHICAGO																
SITE 01	68	25	59	68	79	113	132	147	152	182	203	236	299	152	139	1.56
EVANSVILLE																
SITE 02	68	25	22	34	34	54	57	63	67	74	76	84	107	60	56	1.49
INDIANAPOLIS																
SITE 01	68	26	62	129	150	165	182	182	185	195	210	272	297	186	178	1.37
IOWA																
DES MOINES																
SITE 01	68	26	17	87	93	105	122	124	129	146	157	207	254	131	120	1.64
DUBUQUE																
SITE 01	68	24	52	101	113	143	151	167	192	198	212	229	359	171	159	1.49

*Data contributed by state or local agency.

Table 8-8 (continued). NITROGEN DIOXIDE, URBAN, 24-HOUR BUBBLER

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
KANSAS																
WICHITA																
SITE 01	68	26	12	62	68	79	85	108	119	130	142	168	223	108	96	1.75
KENTUCKY																
COVINGTON																
SITE 01	68	26	46	162	173	180	194	200	214	247	251	263	289	206	197	1.42
LEXINGTON																
SITE 01	68	26	89	99	113	115	125	138	151	161	171	194	263	145	140	1.31
LOUISVILLE																
SITE 01	68	26	72	130	146	155	184	235	241	255	270	330	389	217	202	1.49
LOUISIANA																
IBERVILLE COUNTY																
SITE 01	68	25	56	68	69	80	90	102	107	118	121	131	163	99	96	1.32
MASSACHUSETTS																
SPRINGFIELD																
SITE 02	68	28	41	114	154	175	190	203	223	249	283	329	494	217	197	1.61
WORCESTER																
SITE 01	68	26	22	66	135	139	148	153	175	206	242	266	320	171	152	1.76
MICHIGAN																
DETROIT																
SITE 01	68	26	99	146	181	212	235	243	255	265	290	349	443	244	232	1.40
FLINT																
SITE 01	68	25	68	129	133	145	159	185	191	208	211	236	259	177	171	1.34
GRAND RAPIDS																
SITE 01	68	24	102	118	124	148	158	173	189	197	206	232	301	174	168	1.31
MINNESOTA																
MINNEAPOLIS																
SITE 01	68	26	64	85	100	115	129	137	142	166	190	217	220	143	136	1.39
MISSOURI																
KANSAS CITY																
SITE 01	68	24	58	62	95	131	139	155	170	187	199	229	252	154	143	1.53
ST LOUIS																
SITE 02	68	26	101	117	151	175	202	212	229	247	268	296	413	217	204	1.43
NEBRASKA																
OMAHA																
SITE 01	68	24	38	91	107	114	119	135	146	153	172	178	209	135	129	1.42
NEW JERSEY																
BURLINGTON COUNTY																
SITE 02	68	26	84	112	121	134	146	149	172	193	206	283	319	170	161	1.39
CAMDEN																
SITE 01	68	24	127	146	167	180	211	242	248	262	283	288	373	228	219	1.33
GLASSBORO																
SITE 01	68	25	19	31	36	85	94	112	135	144	145	197	247	110	90	2.06
NEWARK																
SITE 01	68	22	111	151	194	199	212	227	262	304	315	351	484	257	241	1.45
PATERSON																
SITE 01	68	24	114	124	136	173	206	218	244	301	327	409	499	242	221	1.55
NEW MEXICO																
ALBUQUERQUE																
SITE 01	68	24	62	73	85	100	107	111	121	124	133	154	161	112	108	1.30
NEW YORK																
BUFFALO																
SITE 01	68	25	39	51	72	107	118	132	142	157	181	293	343	149	128	1.79
ROCHESTER																
SITE 01	68	26	124	147	155	159	168	178	186	197	200	209	286	180	177	1.20
SYRACUSE																
SITE 01	68	22	41	98	122	130	142	159	192	210	251	280	339	176	157	1.69

*Data contributed by state or local agency.

Table 8-8 (continued) NITROGEN DIOXIDE, URBAN, 24-HOUR BUBBLER

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
NEW YORK																
UTICA																
SITE 01	68	25	34	56	62	76	93	109	113	130	150	198	320	117	103	1.68
NORTH CAROLINA																
DURHAM																
SITE 01	68	25	102	104	118	140	152	175	208	219	245	304	371	192	179	1.47
GREENSBORO																
SITE 02	68	25	52	108	119	132	151	188	214	239	244	268	302	186	172	1.54
OHIO																
AKRON																
SITE 01	68	23	79	85	138	163	194	209	222	242	268	284	349	201	187	1.52
CANTON																
SITE 01	68	26	111	143	152	157	180	183	217	230	232	242	301	194	189	1.29
CINCINNATI																
SITE 01	68	25	47	139	177	184	188	196	205	219	233	246	259	194	186	1.41
SITE 03	68	26	96	128	135	152	164	174	186	209	216	258	294	181	174	1.32
CLEVELAND																
SITE 01	68	25	130	152	163	186	206	236	239	262	269	284	336	224	217	1.29
COLUMBUS																
SITE 01	68	23	134	148	153	165	186	203	203	220	229	251	291	198	193	1.24
DAYTON																
SITE 01	68	25	34	46	52	58	60	71	76	86	112	133	169	79	73	1.51
TOLEDO																
SITE 01	68	23	41	108	115	141	152	167	173	204	213	236	314	170	158	1.52
YOUNGSTOWN																
SITE 01	68	25	76	114	130	148	155	168	180	225	225	238	312	181	172	1.41
OKLAHOMA																
OKLAHOMA CITY																
SITE 01	68	26	34	73	114	138	155	168	178	223	229	247	339	170	153	1.70
TULSA																
SITE 01	68	25	52	63	71	81	90	100	115	135	141	157	159	106	101	1.41
PENNSYLVANIA																
ALLENTOWN																
SITE 01	68	25	22	81	86	108	120	131	141	155	197	247	327	145	129	1.72
PITTSBURGH																
SITE 01	68	25	96	161	169	180	212	228	238	307	331	402	414	249	233	1.45
READING																
SITE 01	68	24	101	147	158	171	185	196	208	232	278	288	370	210	201	1.35
WARMINSTER																
SITE 01	68	25	46	79	85	90	107	119	123	138	167	192	202	124	115	1.50
WEST CHESTER																
SITE 01	68	26	53	65	96	102	117	124	128	137	146	162	269	124	116	1.43
YORK																
SITE 02	68	25	118	129	137	151	157	170	178	212	220	257	261	181	176	1.28
PUERTO RICO																
BAYAMON																
SITE 02	68	26	38	45	65	67	85	90	95	108	116	125	155	89	83	1.45
RHODE ISLAND																
PROVIDENCE																
SITE 01	68	23	39	125	142	152	168	175	195	210	250	264	313	186	174	1.52
TENNESSEE																
MEMPHIS																
SITE 01	68	25	62	92	126	134	140	151	169	203	208	238	404	170	157	1.51
NASHVILLE																
SITE 01	68	26	62	124	151	165	170	171	196	213	230	255	393	190	181	1.40
TEXAS																
DALLAS																
SITE 02	68	23	45	104	118	128	195	207	225	237	242	264	295	188	171	1.62
EL PASO																
SITE 01	68	24	23	70	100	117	118	125	140	142	159	192	310	133	121	1.65
FT WORTH																
SITE 01	68	25	39	85	92	116	130	161	174	186	199	233	284	155	141	1.60

*Data contributed by state or local agency.

Table 8-8 (continued). NITROGEN DIOXIDE, URBAN, 24-HOUR BUBBLER

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
TEXAS																
SAN ANTONIO																
SITE 01	68	23	60	76	80	95	99	107	114	143	176	190	259	125	116	1.47
UTAH																
SALT LAKE CITY																
SITE 01	68	24	61	90	102	117	119	136	153	155	224	278	330	158	144	1.54
VIRGINIA																
NORFOLK																
SITE 01	68	26	51	90	124	128	146	165	174	188	205	244	292	164	153	1.49
RICHMOND																
SITE 02	68	25	109	140	152	163	167	176	197	214	242	269	295	192	186	1.29
WASHINGTON																
SEATTLE																
SITE 01	68	22	48	121	125	161	167	177	186	199	233	280	315	180	167	1.53
WEST VIRGINIA																
CHARLESTON																
SITE 01	68	26	101	131	146	161	170	175	195	237	285	326	342	204	193	1.40
WISCONSIN																
MILWAUKEE																
SITE 01	68	24	96	132	141	161	174	180	203	235	296	315	330	205	194	1.40
WYOMING																
CASPER																
SITE 01	68	22	30	39	45	47	52	53	60	63	76	91	116	60	56	1.40

*Data contributed by state or local agency.

Table 8-9. NITROGEN DIOXIDE, NONURBAN, 24-HOUR BUBBLER

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Min	Frequency distribution percen.									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
DELAWARE KENT COUNTY SITE 01	68	24	39	63	71	75	81	84	86	87	105	124	167	89	85	1.37
INDIANA MONROE COUNTY SITE 01	68	23	28	34	46	48	52	54	56	65	79	85	109	58	55	1.42
MAINE HANCOCK COUNTY SITE 01	68	26	23	34	34	38	40	45	47	50	52	67	81	46	44	1.31
SOUTH DAKOTA CUSTER COUNTY SITE 01	68	22	22	29	29	34	40	45	46	56	58	67	88	46	43	1.46
VIRGINIA PAGE COUNTY SITE 01	68	25	23	34	42	51	53	56	62	79	79	108	167	65	60	1.55

*Data contributed by state or local agency.

Table 8-10. NITROGEN DIOXIDE DATA FROM STATIONS NOT MEETING QUARTERLY SAMPLING CRITERIA FOR VALID ANNUAL AVERAGE[a]

Station location	Year	Number of samples	Minimum value	Maximum value
Alabama				
Birmingham				
Site 02	1968	11	138	436
Site 03	1968	13	133	348
Arizona				
Phoenix				
Site 02	1968	23	123	389
California				
Long Beach				
Site 01	1968	22	97	853
Indiana				
New Albany				
Site 02	1968	22	70	319
Louisiana				
New Orleans				
Site 02	1968	21	17	279
Maryland				
Baltimore				
Site 01	1968	22	37	273
Massachusetts				
Boston				
Site 01	1968	22	34	242
Missouri				
St Louis				
Site 01	1968	20	91	376
New Jersey				
Jersey City				
Site 01	1968	23	71	239
New York				
Albany				
Site 01	1968	21	65	313
New York City				
Site 01	1968	21	109	563
Oregon				
Portland				
Site 01	1968	22	50	270
Pennsylvania				
Lancaster				
Site 01	1968	21	103	337
Philadelphia				
Site 01	1968	21	24	426
Puerto Rico				
Guayanilla				
Site 01	1968	18	24	128

Table 8-10 (continued). NITROGEN DIOXIDE DATA FROM STATIONS NOT MEETING QUARTERLY SAMPLING CRITERIA FOR VALID ANNUAL AVERAGE[a]

Station location	Year	Number of samples	Minimum value	Maximum value
Tennessee				
Chattanooga				
Site 01	1968	25	35	450
Texas				
Houston				
Site 01	1968	23	2	39
Pasadena				
Site 01	1968	21	80	251

[a]Criteria require 5 samples per quarter with at least 2 of the 3 months being represented by any combination of samples.

Table 8-11. SULFUR DIOXIDE, URBAN, 24-HOUR BUBBLER

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
ALASKA																
FAIRBANKS																
SITE 01	68	22	2	5	5	6	7	8	9	9	10	11	22	8	7	1.69
ARIZONA																
PHOENIX																
SITE 02	68	26	4	4	5	7	7	9	9	10	11	18	42	10	9	1.75
ARKANSAS																
EL DORADO																
SITE 01	68	26	3	4	5	5	9	9	11	15	16	38	75	14	10	2.20
CALIFORNIA																
ANAHEIM																
SITE 01	68	26	5	6	7	7	9	11	15	18	21	27	38	15	12	1.82
LONG BEACH																
SITE 01	68	22	7	14	18	25	33	38	61	67	76	125	160	56	41	2.32
SAN BERNARDINO																
SITE 01	68	26	4	4	5	7	9	9	11	12	13	15	25	10	9	1.66
SAN DIEGO																
SITE 01	68	24	4	4	5	7	7	9	11	12	16	23	31	11	9	1.90
SAN FRANCISCO																
SITE 01	68	23	3	4	4	6	7	7	8	11	18	21	58	12	9	2.08
SAN JOSE																
SITE 02	68	26	3	4	4	5	7	7	9	9	9	11	17	8	7	1.60
COLORADO																
DENVER																
SITE 02	68	24	4	5	9	13	14	14	16	17	21	40	43	17	14	1.87
CONNECTICUT																
BRIDGEPORT																
SITE 01	68	25	9	15	23	35	42	47	56	82	140	187	302	79	53	2.55
HARTFORD																
SITE 01	68	22	6	7	13	13	27	48	67	82	90	122	167	56	35	2.94
NEW HAVEN																
SITE 01	68	25	21	33	38	41	59	87	96	122	134	224	436	109	81	2.17
DELAWARE																
NEWARK																
SITE 01	68	25	6	7	9	11	11	14	16	30	36	63	108	26	18	2.25
WILMINGTON																
SITE 01	68	21	7	13	20	26	32	36	51	76	102	127	254	64	42	2.63
DC																
WASHINGTON																
SITE 02	68	26	4	7	15	20	32	39	45	80	110	187	197	64	38	3.07
FLORIDA																
MIAMI																
SITE 02	68	26	2	4	4	4	5	6	7	7	10	16	21	7	6	1.79
TAMPA																
SITE 02	68	25	4	4	9	9	11	14	18	19	22	49	89	20	14	2.28
GEORGIA																
ATLANTA																
SITE 01	68	25	3	8	9	11	11	18	20	36	53	85	96	31	21	2.53
ILLINOIS																
CHICAGO																
SITE 02	68	23	16	43	49	55	126	139	200	277	315	326	419	174	125	2.55
INDIANA																
EAST CHICAGO																
SITE 01	68	25	24	28	34	37	39	40	48	71	112	187	289	75	56	2.03
EVANSVILLE																
SITE 02	68	26	4	9	11	11	15	15	18	29	40	58	60	24	18	2.10
INDIANAPOLIS																
SITE 01	68	25	4	9	20	26	27	35	38	46	53	67	115	39	31	2.23
NEW ALBANY																
SITE 02	68	24	7	11	11	14	19	23	42	55	95	111	147	45	29	2.57
IOWA																
DES MOINES																
SITE 01	68	25	4	4	5	7	7	8	9	13	18	23	33	11	9	1.89

*Data contributed by state or local agency.

Table 8-11 (continued). SULFUR DIOXIDE, URBAN, 24-HOUR BUBBLER

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Min	Frequency distribution percen. 10	20	30	40	50	60	70	80	90	Max	Arith mean	Geo mean	
IOWA																
DUBUQUE																
SITE 01	68	26	3	4	5	5	8	9	11	13	20	32	50	13	10	2.12
KANSAS																
WICHITA																
SITE 01	68	26	3	4	4	4	6	7	7	9	10	11	12	7	6	1.56
KENTUCKY																
COVINGTON																
SITE 01	68	25	7	7	14	22	22	24	29	33	52	82	127	36	27	2.19
LEXINGTON																
SITE 01	68	26	3	4	5	7	9	11	15	18	23	31	114	17	11	2.37
LOUISVILLE																
SITE 01	68	26	7	14	22	27	39	45	53	68	77	130	152	56	43	2.22
LOUISIANA																
IBERVILLE COUNTY																
SITE 01	68	25	4	5	5	7	7	7	7	9	11	12	44	10	8	1.76
NEW ORLEANS																
SITE 02	68	22	3	4	4	7	7	8	9	11	13	19	49	11	8	2.00
MASSACHUSETTS																
SPRINGFIELD																
SITE 02	68	28	11	18	26	31	56	63	73	80	115	185	474	84	58	2.36
WORCESTER																
SITE 01	68	25	5	18	22	31	40	56	76	106	116	131	181	69	49	2.58
MICHIGAN																
DETROIT																
SITE 01	68	25	11	24	32	37	40	48	64	93	110	123	186	66	54	1.98
FLINT																
SITE 01	68	26	4	9	12	15	16	21	23	25	28	39	71	23	19	1.90
GRAND RAPIDS																
SITE 01	68	26	6	7	11	11	16	16	17	21	26	39	77	22	17	1.93
MINNESOTA																
MINNEAPOLIS																
SITE 01	68	26	5	5	5	8	11	11	18	28	35	94	100	28	16	2.81
MISSOURI																
KANSAS CITY																
SITE 01	68	26	3	4	5	6	7	9	10	12	17	20	44	11	9	1.95
ST LOUIS																
SITE 01	68	22	11	39	46	70	80	87	100	118	126	131	193	91	78	1.92
SITE 02	68	25	14	26	29	47	53	62	90	98	135	171	300	86	66	2.11
NEBRASKA																
OMAHA																
SITE 01	68	26	3	4	7	7	7	8	9	11	16	33	71	15	10	2.21
NEW JERSEY																
BURLINGTON COUNTY																
SITE 02	68	26	5	10	16	18	31	39	61	71	78	106	187	52	36	2.56
CAMDEN																
SITE 01	68	25	7	27	53	71	81	97	121	188	199	259	296	126	92	2.57
GLASSBORO																
SITE 01	68	26	4	6	8	9	11	13	19	32	35	73	120	25	17	2.47
JERSEY CITY																
SITE 01	68	25	4	4	4	5	7	7	9	9	11	29	66	12	8	2.16
NEWARK																
SITE 01	68	25	12	24	27	45	66	94	100	149	183	229	297	112	79	2.50
PATERSON																
SITE 01	68	25	18	30	33	36	45	58	73	90	116	157	381	89	65	2.17
NEW MEXICO																
ALBUQUERQUE																
SITE 01	68	26	4	4	4	5	5	6	7	7	8	9	10	6	6	1.36
NEW YORK																
BUFFALO																
SITE 01	68	26	5	5	7	12	14	18	23	29	33	44	186	27	18	2.40
ROCHESTER																
SITE 01	68	26	7	14	19	22	24	31	39	47	70	91	151	44	33	2.13

*Data contributed by state or local agency.

Table 8-11 (continued). SULFUR DIOXIDE, URBAN, 24-HOUR BUBBLER

Station location	Year	No. of samples	Concentration, $\mu g/m^3$													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
NEW YORK																
SYRACUSE																
SITE 01	68	22	4	7	9	17	19	20	25	34	42	74	88	29	21	2.32
UTICA																
SITE 01	68	27	3	5	9	10	13	18	28	39	52	55	116	29	19	2.60
NORTH CAROLINA																
DURHAM																
SITE 01	68	25	4	5	7	9	11	12	13	22	33	57	85	21	14	2.41
GREENSBORO																
SITE 02	68	25	2	4	5	7	11	17	22	29	38	50	56	21	14	2.68
OHIO																
AKRON																
SITE 01	68	24	14	21	25	38	55	63	74	82	133	159	185	76	59	2.15
CANTON																
SITE 01	68	26	12	30	35	37	38	46	58	73	96	122	186	64	53	1.88
CINCINNATI																
SITE 01	68	26	5	7	11	14	18	18	26	32	39	61	114	29	21	2.23
SITE 03	68	26	4	7	15	19	24	27	36	38	59	76	93	35	26	2.37
CLEVELAND																
SITE 01	68	26	15	32	41	46	70	82	91	116	117	176	199	86	71	1.94
COLUMBUS																
SITE 01	68	23	7	10	14	14	18	21	29	37	40	43	64	26	22	1.82
DAYTON																
SITE 01	68	26	2	4	4	4	5	6	7	9	9	12	19	7	6	1.70
TOLEDO																
SITE 01	68	23	5	10	13	18	23	35	43	48	50	54	123	37	28	2.20
YOUNGSTOWN																
SITE 01	68	26	13	16	19	21	26	31	39	45	56	75	144	43	35	1.93
OKLAHOMA																
OKLAHOMA CITY																
SITE 01	68	27	2	4	5	6	7	7	8	9	11	12	39	9	7	1.82
TULSA																
SITE 01	68	25	2	4	4	5	6	7	8	9	9	13	18	8	7	1.67
OREGON																
PORTLAND																
SITE 01	68	25	3	7	9	11	14	15	16	27	33	45	121	25	17	2.31
PENNSYLVANIA																
ALLENTOWN																
SITE 01	68	23	6	7	9	11	27	31	51	54	88	108	207	49	29	2.97
PHILADELPHIA																
SITE 01	68	26	19	28	32	36	39	59	74	113	137	196	310	90	66	2.23
PITTSBURGH																
SITE 01	68	25	9	30	40	45	47	54	64	92	100	139	264	76	60	2.08
WARMINSTER																
SITE 01	68	25	7	9	11	11	14	14	18	19	35	43	142	25	18	2.02
WEST CHESTER																
SITE 01	68	26	5	5	7	8	9	9	11	14	16	23	37	12	11	1.67
YORK																
SITE 02	68	26	13	18	27	30	42	46	66	78	85	142	162	64	49	2.10
PUERTO RICO																
BAYAMON																
SITE 02	68	25	3	4	4	5	7	7	7	8	9	9	16	7	7	1.51
GUAYANILLA																
SITE 01	68	24	3	4	4	7	7	7	7	8	9	14	21	8	7	1.63
RHODE ISLAND																
PROVIDENCE																
SITE 01	68	23	5	7	7	11	21	28	42	57	75	209	245	56	28	3.35
TENNESSEE																
MEMPHIS																
SITE 01	68	25	3	4	5	7	7	9	9	12	14	18	23	10	9	1.75

*Data contributed by state or local agency.

Table 8-11 (continued). SULFUR DIOXIDE, URBAN, 24-HOUR BUBBLER

Station location	Year	No. of samples	Concentration, µg/m³													Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
TENNESSEE NASHVILLE SITE 01	68	26	4	5	9	11	14	16	21	36	41	59	135	29	19	2.55
TEXAS DALLAS SITE 02	68	25	3	4	4	7	7	7	7	9	10	12	14	8	7	1.55
EL PASO SITE 01	68	25	4	5	7	11	13	16	18	35	46	78	124	29	18	2.67
FT WORTH SITE 01	68	26	2	4	4	4	7	7	7	9	9	13	15	7	6	1.64
PASADENA SITE 01	68	24	2	4	4	7	7	7	12	15	24	29	56	14	10	2.25
SAN ANTONIO SITE 01	68	24	4	4	4	5	5	6	7	7	9	11	13	7	6	1.44
UTAH SALT LAKE CITY SITE 01	68	24	2	4	5	7	9	10	14	22	26	33	62	17	12	2.40
VIRGINIA NORFOLK SITE 01	68	26	7	9	18	22	23	25	33	49	62	68	93	36	29	2.06
RICHMOND SITE 02	68	25	10	13	14	18	19	21	27	58	71	90	113	40	30	2.17
WASHINGTON SEATTLE SITE 01	68	25	7	9	11	16	18	21	23	34	37	54	68	26	22	1.90
WEST VIRGINIA CHARLESTON SITE 01	68	26	5	9	10	15	19	22	31	32	45	63	74	29	22	2.14
WISCONSIN MILWAUKEE SITE 01	68	24	7	9	13	16	25	28	40	44	56	91	118	38	28	2.25
WYOMING CASPER SITE 01	68	26	4	5	5	7	7	7	9	9	11	15	28	9	8	1.59

*Data contributed by state or local agency.

Table 8-12. SULFUR DIOXIDE, NONURBAN, 24-HOUR BUBBLER

Station location	Year	No. of samples	Concentration, $\mu g/m^3$												Std geo dev
			Min	Frequency distribution, percent									Max	Arith mean	Geo mean	
				10	20	30	40	50	60	70	80	90				
DELAWARE																
KENT COUNTY																
SITE 01	68	25	3	3	4	9	11	14	15	18	21	28	44	15	12	2.16
INDIANA																
MONROE COUNTY																
SITE 01	68	23	3	4	5	5	7	8	9	11	14	18	26	10	8	1.75
MAINE																
HANCOCK COUNTY																
SITE 01	68	26	2	4	4	4	6	7	8	9	11	11	13	7	6	1.64
SOUTH DAKOTA																
CUSTER COUNTY																
SITE 01	68	24	3	3	4	4	4	5	7	7	7	9	13	6	5	1.51
VIRGINIA																
PAGE COUNTY																
SITE 01	68	25	3	4	5	5	5	7	8	9	11	15	63	10	8	1.91

*Data contributed by state or local agency.

Table 8-13. SULFUR DIOXIDE DATA FROM STATIONS NOT MEETING QUARTERLY SAMPLING CRITERIA FOR VALID ANNUAL AVERAGE[a]

Station location	Year	Number of samples	Minimum value	Maximum value
Alabama				
Birmingham				
Site 02	1968	11	4	41
Site 03	1968	13	4	93
Maryland				
Baltimore				
Site 01	1968	21	6	272
Massachusetts				
Boston				
Site 01	1968	22	2	246
New York				
Albany				
Site 01	1968	21	3	198
New York City				
Site 01	1968	17	53	653
Pennsylvania				
Lancaster				
Site 01	1968	22	2	69
Reading				
Site 01	1968	4	7	249
Tennessee				
Chattanooga				
Site 01	1968	25	4	91
Texas				
Houston				
Site 01	1968	22	103	409

[a]Criteria require 5 samples per quarter with at least 2 of the 3 months being represented by any combination of samples.

Table 8-14. SOILING INDEX, DAILY AVERAGES, 1968

(Cohs/1000 lineal feet)

CHICAGO

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2.57	2.21	2.02	1.31	1.09	1.03	0.68	0.56	0.64	0.86	1.09	1.14
2	2.70	1.77	1.35	1.66	1.81	0.67	0.66	1.09	0.70	0.86	1.29	2.12
3	1.74	1.67	1.47	1.42	1.49	1.41	0.92	1.12	1.06	0.86	0.56	2.21
4	1.68	0.80	2.23	1.44	1.04	0.97	0.77	1.01	1.21	1.58	0.93	1.56
5	1.84	2.36	1.98	0.91	0.43	1.26	0.78	0.89	0.99	1.51	1.37	1.72
6	2.03	3.58	0.92	1.63	1.40	1.30	0.64	0.77	1.11	1.23	0.96	1.87
7	1.97	2.35	1.86	1.14	1.07	1.32	0.86	0.96	1.17	1.43	1.01	1.89
8	2.99	2.18	2.38	1.42	0.92	1.49	1.11	1.09	0.70	1.45	1.64	1.96
9	2.09	1.76	1.81	1.47	1.04	1.44	0.75	1.38	0.90	1.51	1.48	2.99
10	1.96	1.82	0.91	1.36	1.14	1.23	0.57	0.52	1.07	1.73	1.50	1.75
11	0.85	1.71	0.98	1.50	0.88	0.89	1.03	0.64	1.24	2.48	1.94	1.67
12	1.32	2.02	1.37	0.99	0.91	0.75	1.42	1.01	1.87	2.29	1.81	1.18
13	1.04	2.24	1.83	0.97	1.52	0.79	1.12	0.99	2.10	1.19	1.96	1.19
14	1.19	2.28	1.64	0.84	1.21	0.95	0.55	0.84	1.27	1.10	1.72	1.64
15	1.70	2.56	1.48	1.36	1.37	0.75	0.82	1.05	1.33	0.82	1.69	1.90
16	2.25	2.16	2.53	1.33	0.75	0.50	0.84	0.99	1.06	1.03	1.10	2.61
17	1.56	1.35	2.57	1.44	1.29	0.78	0.76	0.78	0.76	0.92	1.44	2.61
18	1.63	1.72	1.74	1.46	1.16	1.49	1.09	0.56	1.07	0.99	1.99	1.69
19	1.48	2.85	1.47	1.22	1.04	1.37	0.91	0.75	1.12	1.07	1.45	1.42
20	1.68	1.82	1.09	0.84	1.60	1.28	0.65	0.85	1.61	1.37	1.57	1.76
21	2.37	1.87	1.11	0.68	1.73	1.08	0.98		1.71	1.84	1.54	1.72
22	1.72	1.98	1.43	1.10	1.52	0.56	0.68	0.86	1.32	1.13	2.22	0.93
23	1.79	2.19	1.34	0.88	1.20	1.02	0.90	1.05	1.31	1.79	1.40	1.50
24	2.31	0.97	1.29	1.17	1.47	1.30	1.19	0.58	1.04	1.72	1.56	1.74
25	2.57	0.70	1.34	1.55	1.02	0.98		0.56	1.26	1.71	2.18	2.06
26	2.06	2.73	1.69	2.31	0.88	0.76		0.63	1.75	1.48	1.88	1.83
27	2.14	2.22	1.35	1.54	1.09	0.96		0.66	1.50	0.79	1.04	2.38
28	1.97	1.78	1.28	0.83	1.33	0.82		1.29	1.22	1.62	0.86	1.32
29	2.25	2.10	1.45	2.06	1.46	0.76	0.55	1.31	1.73	1.69	1.56	1.54
30	1.04		1.98	1.52	1.14	0.41	0.99	1.38	1.29	2.03	1.65	1.52
31	2.62				2.00		0.75	1.45		1.91		1.39
Monthly mean	1.85	1.94	1.06	1.27	1.18	.96	.80	.86	1.20	1.37	1.43	1.72

CINCINNATI

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.84	0.98		0.64	1.06	0.89	0.57	0.38	0.41	1.01	0.81	0.62
2	1.49	0.58		1.04	1.28	0.48	0.81	0.80	0.41	0.48	0.71	0.87
3	1.12	0.69		1.12	1.17	0.76	0.37	0.62	0.81	0.42	0.63	1.33
4	0.75	0.89		0.65	0.66	1.12	0.73	0.38	0.46	0.78	1.27	0.56
5	1.25	0.90		1.01	0.54	1.50	0.69	0.64	0.37	1.35	1.97	0.43
6	1.29	2.72		1.12	1.26	1.37	0.53	0.44	0.41	0.71	1.68	0.72
7	0.67	2.15		1.52	0.81	1.66	0.38	0.58	0.82	0.69	1.02	0.57
8	1.06	0.96		0.85	0.90	1.50	0.46	0.62	0.88	0.64	0.65	0.61
9	1.31	0.81		1.27	0.82	1.04	0.45	0.45	0.65	1.39	0.57	0.97
10	1.07	0.65		1.43	1.29	1.13	0.79	0.49	0.54	0.87	0.85	0.63
11	1.29	0.75		1.36	0.73	0.91	0.76	0.42	0.55	1.46	1.08	1.28
12	1.34	0.77	0.98	1.15	0.77	0.54	1.04	0.38	0.72	0.97	0.79	0.81
13	0.93	1.00	1.09	1.15	1.45	0.59	0.51	0.66	1.59	1.12	1.01	0.57
14	1.29	1.08	2.13	0.47	0.87	1.04	0.31	0.56	1.39	1.28	1.20	0.41
15	1.09	0.92	1.47	0.79	0.75	0.63	0.56	0.58	0.83	1.06	0.87	0.56
16	2.20	1.36	1.65	1.56	0.49	0.56	0.40	0.40	0.58	0.63	0.60	1.58
17	1.79	0.50	2.18	1.35	0.86	0.53	0.43	0.37	0.65	0.65	0.53	2.09
18	2.61	0.71	2.73	1.33	0.78	1.18	0.49	0.44	0.54	0.71		1.41
19	1.67	1.10	1.98	1.07	0.41	0.70	0.47	0.52	0.44	1.07		0.85
20	1.54	0.79	1.49	0.94	0.81	0.67	0.46	0.58	0.48	0.86		0.54
21	0.77	0.96	1.28	0.61	0.73	0.76	0.43	0.69	1.04	1.73		0.48
22	1.25	1.53	1.10	1.03	1.70	0.40	0.58	0.92	0.83	1.10		0.59
23	0.62	1.67	0.81	0.87	0.85	0.33	0.35	0.70	0.80	0.94		0.59
24	0.72	1.73	1.14	0.60	0.87	0.31	0.55	0.56	0.80	1.53		0.53
25	1.79	1.08		0.82	0.54	0.39	0.45	0.33	0.58	0.63	1.32	0.67
26	1.89	2.68	1.44	1.49	0.66	0.42	0.34	0.36	0.87	0.85	0.90	0.93
27	2.06	1.66	1.31	1.04	0.62	0.23	0.72	0.50	1.19	0.44	0.86	0.93
28		1.04	0.90	1.36	0.87	0.31	0.39	0.63	1.31	0.54	0.49	0.48
29			0.84	1.33	1.19	0.40	0.60	0.57	0.63	0.87	0.49	0.42
30			0.89	0.96	0.72	0.35	0.46	0.98	1.30	1.93	0.61	0.90
31	1.06		0.65		0.98		0.39	0.97		2.05		0.52
Monthly mean	1.25	1.11	1.32	1.02	.83	.71	.48	.51	.72	.94	.86	.74

Table 8-14 (continued). SOILING INDEX, DAILY AVERAGES, 1968
(Cohs/1000 lineal feet)

DENVER

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1.46	0.78				0.39	0.18	0.53	0.32	0.57		0.69
2	1.82	1.21				0.34	0.35	0.72	0.26	0.46		1.39
3	2.04	1.22				0.46	0.61	0.37	0.62	0.61		0.75
4	1.40	0.64	0.47			0.50	0.40	0.32	0.68	0.72	1.26	0.83
5	1.29	1.10	0.48			0.64	0.50	0.60	0.50	0.47	0.74	1.43
6	1.11	0.83	0.54			0.63	0.41	0.54	0.54	0.48	0.75	0.96
7	2.52	1.68	1.15			0.75	0.27	0.67	0.40	0.76	1.04	1.04
8		1.36	0.69			0.46	0.50		0.49	0.59		0.88
9	1.41	1.55	0.76			0.32	0.44		0.97	0.55		1.53
1 10	3.05	1.07	0.89			0.50	0.55		0.76	1.02		1.83
1 11	1.70	0.66	0.82			0.50	0.41		0.65	0.88	1.03	0.67
1 12	1.49	0.91	1.13			0.47	0.46	0.38	0.79	0.94	0.91	0.50
1 13	2.05	1.16	1.06			0.47	0.41	0.44	0.79	0.52	0.86	1.09
1 14	0.93	1.32	0.73			0.47	0.32	0.52	0.47	0.55	1.00	2.31
1 15	1.70	1.81	0.68			0.33	0.63	0.65	0.47	0.68	2.13	
1 16	2.11	1.67	1.17			0.31	0.49	0.43	0.55	0.68	0.93	2.24
1 17	1.41	1.14	0.48				0.52	0.39	0.57	0.63	0.59	1.80
1 18	1.16	1.11	0.86				0.60	0.56	0.74	0.99	1.57	1.05
1 19	1.48		0.74				0.45	0.65	0.62	1.02	1.45	1.48
2 20	1.35		0.90		0.32		0.38	0.67	0.76		2.75	1.10
2 21	0.97		0.70		0.40		0.29	0.58	0.72	0.70	1.74	0.93
2 22	1.10		0.78		0.60		0.41	0.50	0.35	0.96	1.44	0.68
2 23	1.13		0.61		0.43		0.57	0.39	0.59	0.74	0.88	2.22
2 24	1.21		0.51				0.46	0.24	0.43	1.14	1.07	2.25
25	0.95		0.58		0.30	0.20	0.49	0.27	0.52	1.42	1.28	1.12
2 26	0.83		0.48		0.51	0.25	0.52	0.29	0.60	0.97	1.33	1.52
2 27	0.91		0.76		0.65	0.24	0.29	0.39	0.64	0.75	1.57	0.96
2 28	0.96		0.70		0.32	0.31		0.47	0.49	1.13	0.65	0.91
3 29	1.14		0.78			0.24	0.49	0.48	0.31	0.99	1.24	0.72
30	1.99		0.58		0.42	0.21	0.55	0.71	0.78	0.85	1.25	1.18
3 31	0.88						0.42	0.48				1.61
Monthly mean	1.41	1.13	.68			.37	.40	.42	.53	.73	1.17	1.21

PHILADELPHIA

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.65	0.99	1.16	0.74	0.90	0.55	0.60	0.67	0.62	1.20	2.16	0.93
2	2.52	1.28	1.33	0.93	0.85	0.86	0.61	0.61	0.50	0.98	1.30	1.40
3	2.03	0.80	0.82	1.20	1.35	1.19	0.61		1.34	0.83	0.91	1.78
4	1.42	0.51	1.10	1.15	0.64	1.10	0.44		1.22	0.49	0.91	0.94
5	0.96	0.99	1.25	0.74	0.69	1.00	0.51	0.77	0.75	0.51	1.04	0.60
6	1.26	1.03	1.83	0.76	0.51	1.40	0.54	0.75	0.51	0.78	0.78	0.81
7	1.07	1.32	0.97	0.76	0.84	1.33	0.56	0.60	0.69	0.70	0.97	0.89
8	0.69	0.51	2.49		0.87	0.68	0.51	0.85	0.88	0.72	0.65	0.29
9	1.16	1.13	2.64		1.07	0.42	0.77	0.73	0.71	0.78	0.64	0.55
1 10	1.00	0.94	2.89		1.16	0.63	0.56	0.44	0.46	0.69	0.54	0.86
1 11	0.82	0.76	0.93	0.80	0.76	0.67	1.55	0.37	0.59	1.16	0.92	2.07
1 12	1.00	0.81	1.29	0.99	0.79	0.81	0.71	0.82	0.57	0.54	0.62	2.10
1 13	1.11	0.78	1.70	1.66	0.72	0.55	0.95	0.80	0.69	0.75	0.65	1.59
1 14	0.79	1.43	1.07	1.25	0.73	0.80	0.44	0.95	0.79	0.96	0.97	1.10
1 15	1.34	1.58	1.21	0.83	0.86	1.10	0.73	0.66	0.64	2.35	1.86	0.63
1 16	0.50	1.34	0.97	0.56	1.01	0.67	0.90	1.21	1.11	1.68	1.38	0.94
1 17	1.57	1.90	0.76	0.86	1.09	0.60	1.45	0.63	1.39	1.44	1.19	1.41
1 18	2.58	1.15	0.67	1.23	1.22	0.52	1.22	0.54	1.17	0.77	1.19	2.11
1 19	2.58		0.98	1.65	0.59	0.55	0.70	0.49	1.14	0.37	0.76	2.69
2 20	1.74	1.31	1.70	0.97	0.68	0.48	0.40	0.81	1.09	0.52	0.83	1.83
2 21	1.62	1.03	3.03		0.79	0.56	0.54	0.64	0.84	0.61	1.01	0.70
2 22	1.79	1.31	1.60	0.83	0.56	0.71	0.64	0.94	0.47	1.10	1.25	0.98
2 23	1.62	1.54	0.91	0.73	1.56	0.32	0.71	0.60	0.76	1.05	1.28	1.17
2 24	0.65	0.85	1.11	0.71	1.20	0.73		0.59	0.77	0.83	1.05	0.61
2 25	1.08	0.77	0.96	0.85	0.84	0.86		0.41	0.58	0.69	0.60	0.30
2 26	1.15	1.20	1.10	1.07	0.75	0.64		0.49	0.71	0.51	1.07	0.71
2 27	1.97	3.01	1.29	1.06	0.51	0.53		0.39	0.63	0.49	1.39	1.16
2 28	2.22	2.32	3.04	0.72	0.69	0.51		0.73	0.40	0.82	1.05	1.85
2 29	1.54	1.83	2.67	1.41	1.01	0.62		0.57	0.50	0.73	0.57	0.55
3 30	1.35		0.71	1.49	0.63	0.36	0.80	0.86	0.72	0.80	0.44	0.61
3 31	0.78		0.71	.95	0.69		0.78	0.98		1.03		0.79
Monthly mean	1.32	1.19	1.40		.80	.69	.70	.64	.72	.82	.93	1.08

Table 8-14 (continued). SOILING INDEX, DAILY AVERAGES, 1968

(Cohs/1000 lineal feet)

ST. LOUIS

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1		0.66	0.76	0.74	0.48				0.55	0.65	0.73	0.61
2	1.82	0.58	0.55	1.09	0.80				0.42	0.61	0.72	0.94
3	1.11	1.32	0.33	1.00	0.45				0.77	0.63	0.49	0.81
4	1.16	1.10		0.58	0.55				0.64	0.69	1.22	1.20
5	1.33	1.04		0.56	0.48	0.80			0.51	0.78	2.04	1.23
6	1.50	1.22		0.99	0.96	0.61			0.61		0.89	1.76
7	1.17	0.61		0.61	0.77	0.63			0.45		0.54	0.84
8	1.88	0.66		0.64	0.49	0.62			0.38		0.43	1.01
9	1.68	0.79		0.66	0.46	0.55			0.33		0.62	1.01
10	1.56	0.43		0.80	0.50				0.46		1.22	1.33
11	2.17	0.49		0.81	0.40				0.46		0.59	1.07
12	1.83	0.51		0.81	0.55	0.50			0.91	0.71	1.10	0.90
13	1.21	0.55		0.58		0.40			0.93	0.59	0.88	0.41
14	0.93	0.66		0.30		0.46			0.70	0.75	1.01	0.59
15		0.62	0.93	0.76		0.35			0.57	0.81	0.76	0.69
16	1.95	0.77	1.00	0.96		0.18	0.74		0.69	0.75	0.50	1.55
17	1.75	0.41	0.60	0.65		0.47	0.53		0.46	0.59	0.58	1.10
18	1.83	0.73	0.95	0.64		0.46	0.36		0.44	0.75	0.48	1.27
19	1.70	1.08	1.05	0.98		0.59	0.51		0.79	0.89	0.43	0.58
20	1.38	0.65	0.58	0.42		0.64	0.56		0.96	1.05	0.71	0.97
21	1.09	0.53	0.78	0.53	0.50	0.43	0.57		0.51	0.97	0.89	1.12
22	2.38	0.63	0.48	0.68	0.90	0.40	0.70	0.64	0.53	0.54	1.41	0.45
23	0.75	1.00	0.54	0.42	0.68	0.27		0.60	0.64	0.90	0.58	0.44
24	1.35	0.94	0.62	0.49	0.62			0.34	0.44	0.58	0.49	0.59
25	0.92	1.07	0.80	0.56	0.53			0.20	0.71	0.89	1.22	0.65
26	1.13		1.00	0.75	0.30			0.52	0.48	0.67	0.77	1.08
27	0.87	0.55	0.69	0.58	0.58			0.41	1.15	0.66	0.74	0.99
28	0.58	0.49	0.72	0.61	0.41			0.66	0.60	0.44	0.51	0.44
29	0.69	0.54	0.80	0.65	0.38			0.97	0.65	0.91	0.78	0.62
30	0.94		0.60	0.61	0.51			0.69	0.70	1.10	1.60	1.28
31	0.83		0.44		0.51			0.41		1.24		0.62
Monthly mean	1.31	.69	.67	.63	.51	.45			.57	.71	.78	.86

WASHINGTON, D. C.

Date	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1.23	0.99	1.82	0.60	0.83	0.65	0.90	0.94	0.52	1.18		0.84
2	2.26	1.49	1.44	0.95	0.88	0.74	1.01	1.66	0.65	1.10		1.26
3	2.33	1.02	0.97	1.06	1.47	1.09	0.65	0.56	1.28	1.29		1.71
4	2.01	0.95		1.01	0.85	0.80	0.61	0.65	1.29	0.66		0.74
5	1.21	1.29	2.02	1.02	0.77	1.50	0.56	1.12	1.28	0.99		0.71
6	1.89	1.84	2.04	0.49	0.71	1.16	0.52	1.13	0.66			0.95
7	1.31	2.26	1.17	0.53	1.12	1.03	0.67	0.92				1.03
8	1.40	1.19	1.93	1.28	1.43	0.66	0.87	1.10				0.76
9	1.82	1.77	2.19	1.02	1.01	0.58	0.85	0.99				0.82
1 10	1.83	1.06	1.90	1.07	0.93	0.76	0.96	0.75	0.53	0.58		0.85
1 11	1.43	0.94	1.13	1.16	1.01	0.65	0.79	0.46	1.03	0.69		1.48
1 12	1.73	1.54	1.41	1.43	0.69	0.71	0.66	1.38	0.84	0.67		1.21
1 13	1.61	1.25	1.24	1.24	0.89	0.73	0.59	0.81	1.16	0.87		1.01
1 14	0.69	1.50	1.56	1.37	0.74	0.78	0.38	1.15	1.04	1.00		0.87
1 15	1.65	2.20	1.13	0.78	0.74	1.05	1.15	0.98	0.79	1.19		0.53
1 16	1.25	1.33	1.24	0.82	1.04	0.73	0.77	1.11	1.11	1.53		0.76
1 17	2.01	1.82	0.79	0.98	0.92	0.51	0.86		1.59	1.11		0.90
1 18	3.33	1.20	0.61	1.10	0.74	0.83			0.87	0.62	0.77	1.64
1 19	2.68	1.59	0.81	1.22	0.53	0.86	1.37	0.60	0.91	0.50	0.66	1.85
2 20	2.31	1.85	1.41	0.84	0.66	0.58	0.69	0.91	1.48	0.56	0.72	1.37
2 21	1.80	1.61	2.13	0.58	0.79	0.65	0.70	0.98	1.63	0.91	1.03	0.75
2 22	2.32	1.15	1.88	0.91	0.78	0.68	0.82	1.51	1.01	1.76	1.52	0.91
2 23	2.10	1.48	0.55	0.78	1.29	0.64	0.68	1.00	1.44	0.92	1.38	0.71
2 24	1.18	1.55	0.62	0.95	0.99	0.84	1.21	0.85	1.24	1.20	0.81	0.58
2 25	1.34	1.15	1.16	0.77	0.55	1.05	1.10	0.78	1.00	0.77	1.06	0.62
2 26	1.95	1.97	1.19	0.93	0.93	0.76	1.20	0.68	1.11	0.73	1.11	0.64
2 27	2.97	2.90	1.98	1.12	0.52	0.59	0.49	0.65	0.97	0.58	1.65	1.23
2 28	2.26	3.30	1.79	0.89	0.71	0.73	0.58	0.85	0.90		0.97	0.56
2 29	2.01	2.15	1.34	1.05	0.62	0.70	1.13	1.18	0.62		0.60	0.53
3 30	1.83		0.67	1.04	0.57	0.46	1.35	1.20	0.94		0.69	
3 31	0.95		0.62		0.80		0.95	1.26				1.16
Monthly mean	1.79	1.55	1.31	.92	.80	.73	.78	.92	.98	.88		.92

APPENDIX A.
AIR QUALITY DATA SAMPLING SITES

ALABAMA
GADSDEN
SITE 01 109 SOUTH 8TH STREET TYPE- IRC COUNTY-ETOWAH
01 1480 01 ETOWAH COUNTY HEALTH DEPARTMENT 25

HUNTSVILLE
SITE 01 ROOF OF HEALTH BLDG 304 EUSTIS AVENUE TYPE- RC COUNTY-MADISON
01 1860 01 DEPARTMENT OF PUBLIC HEALTH 32

MOBILE
SITE 01 CENTRAL FIRE STA 701 ST FRANCIS STREET TYPE- RC COUNTY-MOBILE
01 2380 01 MOBILE COUNTY BOARD OF HEALTH 45

MONTGOMERY
SITE 01 COUNTY HLTH CENTER 515 W JEFF DAVIS AVE TYPE- RC COUNTY-MONTGOMERY
01 2460 01 MONTGOMERY COUNTY HEALTH DEPARTMENT 40

ALASKA
ANCHORAGE
SITE 03 527 E 4TH TYPE- RC
02 0040 03 GREATER ANCHORAGE BOROUGH HEALTH DEPARTMENT 28

FAIRBANKS
SITE 01 FAIRBANKS POST OFFICE 3RD + CUSHMAN TYPE- IRC
02 0160 01 ARCTIC HEALTH RESEARCH LABORATORY 3

ARIZONA
GRAND CANYON NAT PK
SITE 01 VISITOR CENTER GRAND CANYON VILLAGE REG TYPE- N GRAND CANYON PARK
03 0200 01 NATIONAL PARK SERVICE 4

MARICOPA COUNTY
SITE 01 8102 N MUMMY MTN ROAD (SCOTTSDALE) TYPE- R COUNTY-MARICOPA
03 0440 01 MUMMY MTN ASTRONOMICAL OBSER + USWB PARADISE VALLEY STATION 3

PHOENIX
SITE 02 CO HLTH DEPT BLDG 1825 E ROOSEVELT ST TYPE- R COUNTY-MARICOPA
03 0600 02 MARICOPA COUNTY HEALTH DEPARTMENT 15

TUCSON
SITE 01 UNIVERSITY OF ARIZONA 2ND + PALM TYPE- RC COUNTY-PIMA
03 0860 01 DEPARTMENT OF CIVIL ENGINEERING UNIVERSITY OF ARIZONIA 1

ARKANSAS
EL DORADO
SITE 01 POST OFFICE BLDG MAIN + JACKSON TYPE- C COUNTY-UNION
04 0780 01 ARKANSAS POLLUTION CONTROL COMMISSION 90

LITTLE ROCK
SITE 01 POLICE + COURTS BLDG-700 W MARKHAM TYPE- C COUNTY-PULASKI
04 1440 01 ARKANSAS POLLUTION CONTROL COMMISSION 40

MONTGOMERY COUNTY
SITE 01 FOREST RANGER STA OUACHITA NATL FOREST TYPE- N OUACHITA NATL FOREST
04 1760 01 UNITED STATES FORESTRY SERVICE 3

TEXARKANA
SITE 01 FEDERAL BLILDING POST OFFICE TYPE- C COUNTY-LAFAYETTE
04 2560 01 ARKANSAS POLLUTION CONTROL COMMISSION 70

WEST MEMPHIS
SITE 01 FIRE STATION NO 1 SEVENTH + THOMPSON TYPE- RC COUNTY-CRITTENDEN
04 2740 01 ARKANSAS POLLUTION CONTROL COMMISSION 30

CALIFORNIA
ANAHEIM
SITE 01 1010 SOUTH HARBOR BLVD TYPE- RC COUNTY-ORANGE
05 0230 01 ORANGE COUNTY APCD 10

BAKERSFIELD
SITE 01 1120 GOLDEN STATE AVENUE TYPE- C COUNTY-KERN
05 0520 01 CALIFORNIA AIR RESOURCES BOARD KERN COUNTY AIR POLL CONTL DEPT 0

BURBANK
SITE 01 1508 BURBANK BOULEVARD TYPE- RC COUNTY-LOS ANGELES
05 0900 01 LOS ANGELES AIR POLLUTION CONTROL DISTRICT 7

FRESNO
SITE 02 PUBLIC HEALTH BLDG 515 SOUTH CEDAR AVE TYPE- RC COUNTY-FRESNO
05 2800 02 CALIF AIR RESOURCES BOARD FRESNO AIR MONITORING 30

GLENDALE
SITE 01 145 NORTH HOWARD STREET TYPE-(*) COUNTY-LOS ANGELES
05 2940 01 GLENDALE DEPARTMENT OF PUBLIC SERVICE (*)

HUMBOLDT COUNTY
SITE 01 TRINIDAD LIGHT STATION TYPE- N TRINIDAD LIGHT STATION
05 3300 01 UNITED STATES COAST GUARD 5

LONG BEACH
SITE 01 CITY HLTH DEPT BLDG 2655 PINE AVENUE TYPE- RC COUNTY-LOS ANGELES
05 4100 01 CITY DEPARTMENT OF PUBLIC HEALTH 25

LOS ANGELES
SITE 01 LACAPCD HQ BLDG 434 S SAN PEDRO ST TYPE- IC COUNTY-LOS ANGELES
05 4180 01 L A COUNTY AIR POLLUTION CONTROL DISTRICT 80

MONTEREY
SITE 01 PROFESSIONAL BLDG 351 MADISON STREET TYPE- R COUNTY-MONTEREY
05 4840 01 MONTEREY - SANTA CRUZ UNIFIED AIR POLLUTION CONTROL DISTRICT 65

OAKLAND
SITE 01 COUNTY HEADQUARTERS BLDG 499 FIFTH ST TYPE- IC COUNTY-ALAMEDA
05 5300 01 ALAMEDA COUNTY HEALTH DEPARTMENT 62

ONTARIO
SITE 01 ONTARIO INTERNATIONAL AIRPORT TYPE- C COUNTY-SAN BERNARDINO
05 5380 01 SAN BERNARDINO AIR POLLUTION CONTROL DISTRICT 0

PASADENA
SITE 01 862 EAST VILLA STREET TYPE- RC COUNTY-LOS ANGELES
05 5760 01 L A COUNTY AIR POLLUTION CONTROL DISTRICT 5

REDDING
SITE 01 COUNTY HEALTH DEPT BLDG 2650 HOSPITAL LE TYPE- S COUNTY-SHASTA
05 6180 01 SHASTA COUNTY HEALTH DEPARTMENT 4

RIVERSIDE
SITE 01 3575 11TH STREET MALL TYPE- C COUNTY-RIVERSIDE
05 6400 01 RIVERSIDE COUNTY AIR POLLUTION CONTROL DISTRICT 70

SACRAMENTO
SITE 01 HEALTH CENTER 2221 STOCKTON BOULEVARD TYPE- RC COUNTY-SACRAMENTO
05 6580 01 SACRAMENTO COUNTY HEALTH DEPARTMENT 10

SALINAS
SITE 01 COUNTY ROAD DEPT COMPLEX 312 E ALISAL ST TYPE- I COUNTY-MONTEREY
05 6620 01 MONTEREY-SANTA CRUZ UNIFIED AIR POLLUTION CONTROL DEPARTMENT 3

SAN BERNARDINO
SITE 01 HALL OF RECORDS 172 WEST 3RD STREET TYPE- C COUNTY-SAN BERNARDINO
05 6680 01 SAN BERNARDINO COUNTY AIR POLLUTION CONTROL DISTRICT 110

SAN DIEGO
SITE 01 CITY PUBLIC LIBRARY 820 E STREET TYPE- C COUNTY-SAN DIEGO
05 6800 01 COUNTY DEPARTMENT OF PUBLIC HEALTH 42

SAN FRANCISCO
SITE 01 HEALTH DEPT BUILDING 101 GROVE STREET TYPE- C COUNTY-SAN FRANCISCO
05 6860 01 SAN FRANCISCO HEALTH DEPARTMENT 32

SAN JOSE
SITE 02 301 SOUTH 5TH STREET TYPE- C COUNTY-SANTA CLARA
05 6980 02 BAY AREA AIR POLLUTION CONTROL DISTRICT 6

SANTA ANA
SITE 01 ROOF OF POLICE FACILITY 511 W 6TH STREET TYPE- C COUNTY-ORANGE
05 7180 01 ORANGE COUNTY AIR POLLUTION CONTROL DISTRICT 35

SANTA CRUZ
SITE 01 SANTA CRUZ HOSPITAL BLDG 1080 EMELINE AVE TYPE- R COUNTY-SANTA CRUZ
05 7280 01 MONTEREY - SANTA CRUZ UNIFIED AIR POLLUTION CONTROL DISTRICT 4

COLORADO
ADAMS COUNTY
SITE 01 3101EAST 72ND AVENUE TYPE- I COUNTY-ADAMS
06 0020 01 TRI-COUNTY HEALTH DEPARTMENT 15

ARAPAHOE COUNTY
SITE 01 CHERRY CREEK DAM SO SCRANTON + FLOYD AVE TYPE- N SO SCRANTON + FLOYD AVE
06 0080 01 TRI-COUNTY HEALTH DEPARTMENT 4

COLORADO
ARVADA
SITE 01 7622 GRANDVIEW AVENUE TYPE- C COUNTY-JEFFERSON
06 0120 01 JEFFERSON COUNTY HEALTH DEPARTMENT 15

AURORA
SITE 01 1633 FLORENCE STREET TYPE- R COUNTY-ADAMS
06 0140 01 TRI-COUNTY HEALTH DEPARTMENT 20

BOULDER
SITE 01 BOULDER COURTHOUSE 13TH + SPRUCE STREETS TYPE- C COUNTY-BOULDER
06 0200 01 COLORADO STATE HEALTH DEPARTMENT 30

COLORADO SPRINGS
SITE 03 WEICKER TRANSFER 205 W RIO GRANDE STREET TYPE- I COUNTY-EL PASO
06 0380 03 COLORADO STATE HEALTH DEPARTMENT 20

DENVER
SITE 01 SCHOOL ADMINISTRATION BLDG 414 14TH ST TYPE- C COUNTY-DENVER
06 0580 01 COLORADO STATE HEALTH DEPARTMENT 50

SITE 02 2105 BROADWAY TYPE- C COUNTY-DENVER
06 0580 02 CITY OF DENVER BUILDING DEPARTMENT 9

SITE 03 GATES MED + DENT BLDG 1000 S BROADWAY TYPE- I COUNTY-DENVER
06 0580 03 CITY OF DENVER BUILDING DEPARTMENT 25

SITE 04 SEWER PLANT EAST 51ST + FRANKLIN STS TYPE- I COUNTY-DENVER
06 0580 04 CITY OF DENVER BUILDING DEPARTMENT 10

SITE 06 HULL PHOTO CO 5105 E 38TH AVENUE TYPE- C COUNTY-DENVER
06 0580 06 CITY OF DENVER BUILDING DEPARTMENT 25

SITE 07 COLO STATE HEALTH DEPT 4210 E 11TH AVENUE TYPE- R COUNTY-DENVER
06 0580 07 COLORADO STATE HEALTH DEPARTMENT 45

SITE 08 SLOAN'S LAKE 2400 WOLFF ST TYPE- R COUNTY-DENVER
06 0580 08 DENVER BUILDING DEPARTMENT 15

DOUGLAS COUNTY
SITE 01 CASTLE ROCK 208 3RD STREET TYPE- C COUNTY-DOUGLAS
06 0660 01 TRI-COUNTY HEALTH DEPARTMENT 15

DURANGO
SITE 03 CENTRAL FIRE STATION 10TH ST + 2ND AVENUE TYPE- C COUNTY-LA PLATA
06 0680 03 COLORADO STATE HEALTH DEPARTMENT 10

ENGLEWOOD
SITE 01 4857 SOUTH BROADWAY TYPE- C COUNTY-ARAPAHOE
06 0780 01 COLORADO STATE HEALTH DEPARTMENT 20

FORT COLLINS
SITE 01 CENTRAL FIRE HEADQUARTERS 238 WALNUT ST TYPE- C COUNTY-LARIMER
06 0820 01 LARIMER COUNTY HEALTH DEPARTMENT 30

GARFIELD COUNTY
SITE 01 111 EAST 3RD AVENUE TYPE- C COUNTY-GARFIELD
06 0880 01 COLORADO STATE HEALTH DEPARTMENT 15

GLENWOOD SPRINGS
SITE 01 GARFIELD CO COURTHOUSE 8TH + COLORADO AVE TYPE- C COUNTY-GARFIELD
06 0920 01 COLORADO STATE HEALTH DEPARTMENT 45

GOLDEN
SITE 01 911 TENTH AVENUE TYPE- I COUNTY-JEFFERSON
06 0940 01 JEFFERSON COUNTY HEALTH DEPARTMENT 20

GRAND JUNCTION				
SITE 03	MESA CO HLTH DEPT BLDG 515 PATTERSON AVE	TYPE-	S	COUNTY-MESA
06 0980 03	COLORADO STATE HEALTH DEPARTMENT			4
GREELEY				
SITE 02	FIRE STATION 2 23RD + RESERVOIR ROAD	TYPE-	R	COUNTY-WELD
06 1000 02	WELD COUNTY HEALTH DEPARTMENT			4
SITE 03	CENTRAL FIRE STA 6TH ST + 10TH AVENUE	TYPE-	C	COUNTY-WELD
06 1000 03	WELD COUNTY HEALTH DEPARTMENT			25
LA JUNTA				
SITE 01	COURTHOUSE COLORADO + 2ND AVENUE	TYPE-	C	COUNTY-OTERO
06 1220 01	COLORADO STATE HEALTH DEPARTMENT			30
LAKEWOOD				
SITE 01	260 SOUTH KIPLING STREET	TYPE-	S	COUNTY-JEFFERSON
06 1260 01	COLORADO STATE HEALTH DEPARTMENT			15
LONGMONT				
SITE 01	CITY HALL 4TH + KIMBART STREETS	TYPE-	C	COUNTY-BOULDER
06 1460 01	BOULDER COUNTY HEALTH DEPARTMENT			30
MANITOU SPRINGS				
SITE 01	MANITOU AVENUE + CENTRAL STREET	TYPE-	C	COUNTY-EL PASO
06 1500 01	EL PASO COUNTY HEALTH DEPARTMENT			30
MESA VERDE NAT PK				
SITE 01	MESA VERDE NATIONAL PARK	TYPE-	N	MESA VERDE NAT PARK
06 1600 01	NATIONAL PARK SERVICE			21
MONTROSE				
SITE 01	38 SOUTH UNCOMPAGHRE STREET	TYPE-	C	COUNTY-MONTROSE
06 1620 01	COLORADO STATE HEALTH DEPARTMENT			25
PUEBLO				
SITE 01	PUEBLO HLTH DEPT BLDG 151 CENTRAL MAIN	TYPE-	C	COUNTY-PUEBLO
06 1820 01	COLORADO STATE HEALTH DEPARTMENT			15
SITE 02	SUNSET PARK FIRE STA PRAIRIE + SUMMIT	TYPE-	C	COUNTY-PUEBLO
06 1820 02	PUEBLO HEALTH DEPARTMENT			5
SITE 03	MESA + EVANS FIRE STA EVANS + MESA ST	TYPE-	I	COUNTY-PUEBLO
06 1820 03	COLORADO STATE HEALTH DEPARTMENT			20
SITE 04	FIRE STA BONFORT BLVD + LIBERTY LANE	TYPE-	R	COUNTY-PUEBLO
06 1820 04	PUEBLO HEALTH DEPARTMENT			5
SITE 05	24TH + 6TH STS PUEBLO HLTH DEPT	TYPE-(*)		COUNTY-PUEBLO
06 1820 05	PUEBLO HEALTH DEPARTMENT			(*)
ROCKY FORD				
SITE 01	207 NORTH MAIN STREET	TYPE-	C	COUNTY-OTERO
06 1900 01	COLORADO STATE HEALTH DEPARTMENT			25
STERLING				
SITE 01	SOUTH 3RD + ASH STREETS	TYPE-	C	COUNTY-LOGAN
06 2080 01	NORTHEAST COLORADO HEALTH DEPARTMENT			25
TRINIDAD				
SITE 01	COMMERCIAL FIRE STA COMMERCIAL + MAIN ST	TYPE-	C	COUNTY-LAS ANIMAS
06 2160 01	LAS ANIMAS-HUERFANO DISTRICT HEALTH DEPT			40
CONNECTICUT				
BRIDGEPORT				
SITE 01	FIRE BUILDING 274 MIDDLE STREET	TYPE-	C	COUNTY-FAIRFIELD
07 0060 01	CONNECTICUT STATE DEPARTMENT OF HEALTH			55
HARTFORD				
SITE 01	10 CLINTON ST (ROOF OF LAB DIV BLDG)	TYPE-	C	COUNTY-HARTFORD
07 0420 01	CONNECTICUT STATE DEPT OF HEALTH LABORATORY DIVISION			60
NEW BRITAIN				
SITE 01	1 HERALD SQUARE	TYPE-	I	COUNTY-HARTFORD
07 0680 01	NEW BRITAIN CITY HEALTH DEPARTMENT			32
NEW HAVEN				
SITE 01	BULLARD BUILDING 270 ORANGE STREET	TYPE-	C	COUNTY-NEW HAVEN
07 0700 01	DEPARTMENT OF HEALTH CITY OF NEW HAVEN			72

NORWICH
SITE 01 CISCO BUILDING MAIN STREET TYPE- C COUNTY-NEW LONDON
07 0840 01 CONNECTICUT STATE DEPARTMENT OF HEALTH 65

STAMFORD
SITE 01 CENTRAL FIRE STATION 653 MAIN STREET TYPE- C COUNTY-FAIRFIELD
07 1080 01 CONNECTICUT STATE DEPARTMENT OF HEALTH 50

WATERBURY
SITE 01 CITY HALL 235 GRAND AVENUE TYPE- C COUNTY-LITCHFIELD
07 1240 01 CONNECTICUT STATE DEPARTMENT OF HEALTH 55

DELAWARE
KENT COUNTY
SITE 01 HQ BLDG. BOMBAY HOOK NATL WILDLIFE REFUGE TYPE- N BOMBAY HOOK NAT REFUGE
08 0060 01 AIR POLLUTION AUTHORITY STATE BOARD OF HEALTH 11

NEWARK
SITE 01 INSECTORY EXPERM FARM 521 S COLLEGE AVE TYPE- IRC COUNTY-NEW CASTLE
08 0140 01 AIR POLLUTION AUTHORITY STATE BOARD OF HEALTH 14

WILMINGTON
SITE 01 PUBLIC BUILDING 1000 KING STREET TYPE- IRC COUNTY-NEW CASTLE
08 0260 01 CITY DEPARTMENT OF HEALTH 44

DC
WASHINGTON
SITE 01 MUNICIPAL BLDG 301 INDIANA AVE N W TYPE- RC COUNTY-DST OF COLUMBIA
09 0020 01 DISTRICT OF COLUMBIA DEPARTMENT OF PUBLIC HEALTH 85

SITE 02 FIRST AND L STREETS N W TYPE- R COUNTY-DST OF COLUMBIA
09 0020 02 UNITED STATES PUBLIC HEALTH SERVICE 10

FLORIDA
JACKSONVILLE
SITE 02 MONROE ST BETWEEN LAURA + HOGAN STREET TYPE- C COUNTY-DUVAL
10 1960 02 DUVAL HEALTH IMPROVEMENT AUTHORITY 20

MIAMI
SITE 02 864 NORTHWEST 23RD STREET TYPE-IRC COUNTY-DADE
10 2700 02 DADE COUNTY HEALTH DEPARTMENT 15

PUNTA GORDA
SITE 01 COURT HOUSE TYPE- RC COUNTY-CHARLOTTE
10 3760 01 FLORIDA STATE BOARD OF HEALTH 50

ST PETERSBURG
SITE 01 PINELLAS CO BLDG 150 FIFTH ST NORTH TYPE- RC COUNTY-PINELLAS
10 3980 01 FLORIDA STATE BOARD OF HEALTH 39

TAMPA
SITE 02 HILL CO HEAL CENT BLDG 1105 E KENNEDY BLV TYPE- C COUNTY-HILLSBOROUGH
10 4960 02 ENVIRONMENTAL ENGINEERING HILLSBORO COUNTY HEALTH DEPARTMENT 50

WINTER HAVEN
SITE 01 225 AVENUE D N W TYPE- RC COUNTY-POLK
10 4880 01 FLORIDA STATE BOARD OF HEALTH 15

GEORGIA
ALBANY
SITE 01 306 FLINT STREET TYPE- C COUNTY-DOUGHERTY
11 0040 01 GEORGIA DEPARTMENT OF PUBLIC HEALTH 12

ATLANTA
SITE 01 FULTON COUNTY HEALTH DEPT 99 BUTLER ST SE TYPE- IC COUNTY-FULTON
11 0200 01 FULTON COUNTY HEALTH DEPARTMENT 20

AUGUSTA
SITE 01 RICHMOND CO HEALTH DEPT 1001 BAILIE DR TYPE- RC COUNTY-RICHMOND
11 0220 01 GEORGIA DEPARTMENT OF PUBLIC HEALTH 18

BRUNSWICK
SITE 01 GLYNN CNTY HLTH DEPT 501 MANSFIELD ST TYPE- C COUNTY-GLYNN
11 0600 01 GEORGIA DEPARTMENT OF PUBLIC HEALTH 4

COLUMBUS
SITE 01 MUSCOGEE CITY HEALTH DEPT 1958 8TH AVENUE TYPE- RC COUNTY-MUSCOGEE
11 1280 01 GEORGIA DEPARTMENT OF PUBLIC HEALTH 25

LYONS				
SITE 01	WASHINGTON AND GRADY STREETS	TYPE-	R	COUNTY-TOOMBS
11 3340 01	GEORGIA DEPARTMENT OF PUBLIC HEALTH			40
MACON				
SITE 01	W T GRANT CO 418 3RD STREET	TYPE-	C	COUNTY-BIBB
11 3440 01	GEORGIA DEPARTMENT OF PUBLIC HEALTH			30
ROME				
SITE 01	FLOYD HOSPITAL 304 TURNER MCCALL BLVD	TYPE-	C	COUNTY-FLOYD
11 4380 01	GEORGIA DEPARTMENT OF PUBLIC HEALTH			55
ROSSVILLE				
SITE 01	WALKER CNTY HLTH DEPT 101 S DUKE STREET	TYPE-	RC	COUNTY-WALKER
11 4400 01	GEORGIA DEPARTMENT OF PUBLIC HEALTH			20
SAVANNAH				
SITE 01	CHATHAM CO COURT HOUSE BULL + BAY ST	TYPE-	C	COUNTY-CHATHAM
11 4500 01	GEORGIA DEPARTMENT OF PUBLIC HEALTH			55
VALDOSTA				
SITE 01	108 EAST CENTRAL AVENUE	TYPE-	C	COUNTY-LAWNDES
11 5220 01	GEORGIA DEPARTMENT OF PUBLIC HEALTH			30
HAWAII				
HONOLULU				
SITE 01	STATE DEPT HLTH BLDG 1250 PUNCH BOWL ST	TYPE-	RC	COUNTY-HONOLULU
12 0120 01	STATE DEPARTMENT OF HEALTH			40
IDAHO				
BOISE				
SITE 01	CENTRAL FIRE STATION SIXTH + IDAHO STS	TYPE-	C	COUNTY-ADA
13 0220 01	CITY-COUNTY HEALTH DEPARTMENT			50
BLTTE COUNTY				
SITE 01	H O AREA CRATERS OF THE MOON NATL MON	TYPE-	N	CRATERS OF MOON NAT MON
13 0340 01	NATIONAL PARK SERVICE			6
ILLINOIS				
BLUE ISLAND				
SITE 01	EISENHOWER H S 12700 SACRAMENTO AVE	TYPE-	IR	COUNTY-COOK
14 0500 01	COOK COUNTY AIR POLLUTION CONTROL BUREAU			43
CALUMET CITY				
SITE 01	THORNTON HIGH SCHOOL 755 PULASKI ROAD	TYPE-	R	COUNTY-COOK
14 0780 01	COOK COUNTY AIR POLLUTION CONTROL BUREAU			26
CHICAGO				
SITE 01	CITY OFFICE BLDG 320 NORTH CLARK STREET	TYPE-	C	COUNTY-COOK
14 1220 01	CHICAGO DEPARTMENT OF AIR POLLUTION CONTROL			100
SITE 02	445 SOUTH PLYMOUTH COURT	TYPE-	C	COUNTY-COOK
14 1220 02	CHICAGO DEPARTMENT OF AIR POLLUTION CONTROL			12
CHICAGO HEIGHTS				
SITE 01	BLOOM H S DIXIE HIGHWAY + 10TH STREET	TYPE-	IR	COUNTY-COOK
14 1240 01	COOK COUNTY AIR POLLUTION CONTROL BUREAU			32
CICERO				
SITE 01	ROOSEVELT SCHOOL15TH ST + 50TH AVENUE	TYPE-	IR	COUNTY-COOK
14 1340 01	COOK COUNTY AIR POLLUTION CONTROL BUREAU			34
COOK COUNTY				
SITE 01	ARGO HIGH SCHOOL 63RD ST + 74TH AVENUE	TYPE-	IR	COUNTY-COOK
14 1540 01	COOK COUNTY AIR POLLUTION CONTROL BUREAU			32
EAST ST LOUIS				
SITE 01	STADIUM MOTOR HOTEL 435 BROADWAY	TYPE-	IC	COUNTY-ST CLAIR
14 2120 01	EAST SIDE HEALTH DISTRICT			90
FLOSSMOOR				
SITE 01	HIGH SCHOOL 999 KEDZIE AVE + 189TH ST	TYPE-	R	COUNTY-COOK
14 2520 01	COOK COUNTY AIR POLLUTION CONTROL BUREAU			30
FRANKLIN PARK				
SITE 01	E LEYDEN H S 3400 NORTH ROSE + ADDISON	TYPE-	IR	COUNTY-COOK
14 2620 01	COOK COUNTY AIR POLLUTION CONTROL BUREAU			28

HARVEY			
SITE 01	LOWELL ELEM SCH 157TH ST + LEXINGTON	TYPE- R	COUNTY-COOK
14 3180 01	COOK COUNTY AIR POLLUTION CONTROL BUREAU		23
HILLSIDE			
SITE 01	PROVISO W HIGH SCH WOLF + HARRISON	TYPE- IR	COUNTY-COOK
14 3420 01	COOK COUNTY AIR POLLUTION CONTROL BUREAU		30
JOLIET			
SITE 01	S E VAN BUREN ST RIALTO THEATRE BLDG	TYPE- C	COUNTY-WILL
14 3760 01	WILL COUNTY HEALTH DEPARTMENT		100
MIDLOTHIAN			
SITE 01	BREMEN TWNSHP H S 15205 CRAWFORD	TYPE- IR	COUNTY-COOK
14 5080 01	COOK COUNTY AIR POLLUTION CONTROL BUREAU		26
NILES			
SITE 01	E MAINE JR HIGH 8955 GREENWOOD AVENUE	TYPE- IR	COUNTY-COOK
14 5540 01	COOK COUNTY AIR POLLUTION CONTROL BUREAU		20
ORLAND PARK			
SITE 01	C SANDBURG H S 133RD STREET + LAGRANGE	TYPE- IR	COUNTY-COOK
14 5860 01	COOK COUNTY AIR POLLUTION CONTROL BUREAU		20
PALATINE			
SITE 01	PALATINE TWNSHP H S 1000 QUENTIN ROAD	TYPE- IR	COUNTY-COOK
14 5900 01	COOK COUNTY AIR POLLUTION CONTROL BUREAU		24
RIVER FOREST			
SITE 01	JR HIGH SCH N E CORNER LATHROP + OAK	TYPE- IR	COUNTY-COOK
14 6540 01	COOK COUNTY AIR POLLUTION CONTROL BUREAU		28
ROCKFORD			
SITE 01	OLD CITY HALL 126 SOUTH FIRST STREET	TYPE- IRC	COUNTY-WINNEBAGO
14 6680 01	CITY DEPARTMENT OF PUBLIC HEALTH		30
SPRINGFIELD			
SITE 01	MUNICIPAL BLDG 8TH STREET AT MONROE	TYPE- IRC	COUNTY-SANGAMON
14 7280 01	DEPARTMENT OF PUBLIC HEALTH + SAFETY		20
WILMETTE			
SITE 01	CENTRAL SCHOOL N W CORNER 9TH + CENTRAL	TYPE- IR	COUNTY-COOK
14 8360 01	COOK COUNTY AIR POLLUTION CONTROL BUREAU		24
INDIANA			
EAST CHICAGO			
SITE 01	CENTRAL FIRE STATION 450 E COLUMBUS DR	TYPE- I	COUNTY-LAKE
15 1180 01	CITY BUREAU OF AIR POLLUTION CONTROL		35
EVANSVILLE			
SITE 02		TYPE-(*)	
15 1300 02	AGENCY NOT IDENTIFIED		(*)
HAMMOND			
SITE 01	GOLDBLATT BROS DEPT STORE 5206 HOHMAN AVE	TYPE- RC	COUNTY-LAKE
15 1780 01	CITY HEALTH DEPARTMENT		55
INDIANAPOLIS			
SITE 01	FIRE STATION NO 301 EAST NEW YORK STREET	TYPE- C	COUNTY-MARION
15 2040 01	CITY BUREAU OF AIR POLLUTION CONTROL		35
MONROE COUNTY			
SITE 01	POLLING CABIN RT 3 (MARTINSVILLE)	TYPE- N M	MONROE STATE FOREST
15 2800 01	AIR POLL CONT SECT DIV SAN ENG IND ST BOARD OF HEALTH		5
NEW ALBANY			
SITE 02	CITY-COUNTY BUILDING	TYPE- IRC	COUNTY-FLOYD
15 2980 02	NEW ALBANY - FLOYD COUNTY HEALTH DEPARTMENT		50
PARKE COUNTY			
SITE 01	TURKEY RUN STATE PARK	TYPE- N	TURKEY RUN STATE PARK
15 3260 01	STATE DEPARTMENT OF CONSERVATION		7
SOUTH BEND			
SITE 01	PICK CLIVER HOTEL WASH + MAIN STREET	TYPE- C	COUNTY-ST JOSEPH
15 3880 01	CITY DEPARTMENT OF ENGINEERING		80

IOWA
CEDAR RAPIDS
SITE 01 CENTRAL FIRE STATION 427 1ST ST S E TYPE- IRC COUNTY-LINN
16 0640 01 DEPARTMENT OF PUBLIC HEALTH 32

DES MOINES
SITE 01 CENTRAL FIRE STA-NO 1 9TH + MULBERRY ST TYPE- IRC COUNTY-POLK
16 1180 01 DES MOINES-POLK COUNTY HEALTH DEPARTMENT 32

DUBUQUE
SITE 01 CITY GARAGE 14TH + ELM STREETS TYPE- IC COUNTY-DUBUQUE
16 1260 01 CITY OF DUBUQUE 21

KANSAS
KANSAS CITY
SITE 01 FIRE HEADQUARTERS SIXTH + ANN AVENUES TYPE- C COUNTY-WYANDOTTE
17 1800 01 KANSAS CITY-WYANDOTTE COUNTY HEALTH DEPARTMENT 34

TOPEKA
SITE 01 CITY BUILDING 215 EAST SEVENTH STREET TYPE- IRC COUNTY-SHAWNEE
17 3560 01 TOPEKA-SHAWNEE COUNTY HEALTH DEPARTMENT 62

WICHITA
SITE 01 FIRE STATION NO 1 402 NORTH WATER ST TYPE- C COUNTY-SEDGWICK
17 3740 01 WICHITA-SEDGWICK COUNTY DEPARTMENT OF PUBLIC HEALTH 35

KENTUCKY
ASHLAND
SITE 02 ASHLAND OIL + REFINING CO TYPE- IC COUNTY-BOYD
18 0080 02 ASHLAND-BOYD COUNTY HEALTH DEPARTMENT 18

COVINGTON
SITE 01 GAS COMP BLDG - 1 BLK N 7TH + SCOTT TYPE- IRC COUNTY-KENTON
18 0800 01 COVINGTON-KENTON HEALTH DEPARTMENT 42

LEXINGTON
SITE 01 COLL OF PHARMACY WASHINGTON + GLAD TYPE- RC COUNTY-FAYETTE
18 2300 01 UNIVERSITY COLLEGE OF PHARMACY 41

LOUISVILLE
SITE 01 SINKING FUND BLDG 621 W JEFFERSON ST TYPE- C COUNTY-JEFFERSON
18 2380 01 JEFFERSON COUNTY AIR POLLUTION CONTROL DISTRICT 35

LOUISIANA
IBERVILLE COUNTY
SITE 01 POWER HOUSE RF BLDG 1 NE QUAD OF CAMPUS TYPE- N COUNTY-IBERVILLE
19 1280 01 PROGRAM PLANNING OFFICE + SANITATION SECTION USPHS HOSPITAL 29

NEW ORLEANS
SITE 02 CIVIL COURTS BLDG ROOF 427 LOYOLA AVE TYPE- C COUNTY-ORLEANS
19 2020 02 LOUISIANA STATE BOARD OF HEALTH 72

MAINE
ACADIA NAT PK
SITE 01 SEAWALL AREA OF PARK TYPE- N ACADIA NATIONAL PARK
20 0500 01 NATIONAL PARK SERVICE 15

PORTLAND
SITE 02 465 CONGRESS TYPE-(*) COUNTY-CUMBERLAND
20 0960 02 STATE DEPARTMENT OF HEALTH + WELFARE (*)

MARYLAND
BALTIMORE
SITE 01 FIRE DEPT HQ BLDG 410 E LEXINGTON STREET TYPE- C COUNTY-BALTIMORE CITY
21 0120 01 CITY HEALTH DEPARTMENT 32

CALVERT COUNTY
SITE 01 SOLOMONS ISLAND TYPE- N SOLOMONS ISLAND
21 0280 01 MARYLAND STATE DEPARTMENT OF HEALTH 10

MASSACHUSETTS
BOSTON
SITE 01 JOHN F KENNEDY BLDG GOVERNMENT CENTER TYPE- C COUNTY-SUFFOLK
22 0240 01 DEPARTMENT OF PUBLIC HEALTH DIVISION OF AIR USE MANAGEMENT 90

SPRINGFIELD
SITE 02 MILL STREET FIRE STATION 25 MILL STREET TYPE- C COUNTY-HAMPDEN
22 2160 02 LOWER PIONEER VALLEY AIR POLLUTION CONTROL DISTRICT 35

```
WORCESTER
 SITE 01      NEWBERRYS DEPT STORE MAIN + FRONT STREETS TYPE-   C COUNTY-WORCESTER
 22 2640 01   MASSACHUSETTS DEPARTMENT OF PUBLIC HEALTH                          70

MICHIGAN
 DETROIT
 SITE 01      PUBLIC LIBRARY 5201 WOODWARD AVENUE       TYPE-   C COUNTY-WAYNE
 23 1180 01   CITY BUREAU OF AIR POLLUTION CONTROL                              90

 FLINT
 SITE 01      FIRE STATION ROOF DETROIT ST + 4TH AVENUE TYPE-   C COUNTY-GENESEE
 23 1580 01   CITY DEPARTMENT OF PUBLIC WORKS + UTILITIES                       50

 GRAND RAPIDS
 SITE 01      MICHIGAN TITLE COMPANY 320 OTTAWA AVENUE  TYPE-IRC  COUNTY-KENT
 23 1820 01   CITY DEPARTMENT OF AIR POLLUTION                                  25

 TRENTON
 SITE 01      CITY HALL BLDG 2872 WEST JEFFERSON AVE    TYPE-   C COUNTY-WAYNE
 23 5120 01   TRENTON ENGINEERING DEPARTMENT                                    15

MINNESOTA
 DLUTH
 SITE 01      CITY HALL FOURTH AVENUE WEST + FIRST ST   TYPE- IRC COUNTY-ST LOUIS
 24 1040 01   CITY DEPARTMENT OF PUBLIC HEALTH                                  63

 MINNEAPOLIS
 SITE 01      MINN DEPT OF HEALTH BLDG 717 DELAWARE SE  TYPE-   C COUNTY-HENNEPIN
 24 2260 01   CITY OF MINNEAPOLIS AIR POLLUTION CONTROL DIVISION                97

 MOORHEAD
 SITE 01      OLD POST OFFICE BLDG 521 MAIN AVENUE      TYPE-   C COUNTY-CLAY
 24 2320 01   CITY OF MOORHEAD                                                  28

 ST PAUL
 SITE 01      PUBLIC UTILITIES BLDG 100 EAST 10TH ST    TYPE-  IC COUNTY-RAMSEY
 24 3300 01   SMOKE ABATEMENT BOARD CITY DEPARTMENT OF PUBLIC UTILITIES          43

MISSISSIPPI
 JACKSON
 SITE 02      426 NORTH STATE STREET                    TYPE- IRC COUNTY-HINDS
 25 1260 02   MISSISSIPPI AIR + WATER POLLUTION CONTROL COMMISSION               12

 JACKSON COUNTY
 SITE 01      GULF COAST RESEARCH LAB  OCEAN SPRINGS    TYPE-   N GULF COAST RESEARCH LAB
 25 1280 01   GULF COAST RESEARCH LAB INSTITUTIONS OF HIGHER LEARNING             8

MISSOURI
 KANSAS CITY
 SITE 01      ROOF OF POLICE GARAGE NO 2 13TH + OAK ST  TYPE-   C COUNTY-JACKSON
 26 2380 01   CITY DEPARTMENT OF PUBLIC HEALTH                                  12

 ST LOUIS
 SITE 01      P O  BUILDING 18TH + MARKET STREETS       TYPE-   C COUNTY-ST LOUIS CITY
 26 4280 01   DIVISION AIR POLLUTION CONTROL CITY DEPT OF PUBLIC SAFETY          58

 SITE 02      215 SOUTH 12TH BOULEVARD                  TYPE-  1C COUNTY-ST LOUIS
 26 4280 02   UNITED STATES PUBLIC HEALTH SERVICE                               9

 SHANNON COUNTY
 SITE 01      EMINENCE FIRE CONTROL TOWER ST HWY 19     TYPE-   N EMINENCE FIRE CONTROL TW
 26 4480 01   MISSOURI STATE CONSERVATION COMMISSION + STATE HEALTH DEPARTMENT   100

MONTANA
 GLACIER NAT PK
 SITE 01      ST MARY RANGER STATION (RABB)             TYPE-   N GLAC NATL PK BOX 14
 27 0560 01   NATIONAL PARK SERVICE                                              3

 HELENA
 SITE 01      STATE LAB BLDG LOCKEY AV + N ROB STREETS  TYPE-  RC COUNTY-LEWIS + CLARK
 27 0720 01   STATE BOARD OF HEALTH                                             25

NEBRASKA
 OMAHA
 SITE 01      CITY HALL 18TH + FARNAM STREETS           TYPE-  IC COUNTY-DOUGLAS
 28 1880 01   SMOKE ABATEMENT DIVISION CITY DEPARTMENT OF PUBLIC SAFETY         110
```

THOMAS COUNTY
SITE 01 BESSEY NURSERY NEBRASKA NATIONAL FOREST TYPE- N NEBRASKA NATIONAL FOREST
28 2480 01 UNITED STATES FOREST SERVICE 5

NEVADA
LAS VEGAS
SITE 01 FIRE ALARM BLDG 320 N CASINO CENTER TYPE- IC COUNTY-CLARK
29 0320 01 CLARK COUNTY DISTRICT HEALTH DEPARTMENT 42

RENO
SITE 01 COUNTY-CITY HLTH DEPT 10 KIRMAN STREET TYPE- RC COUNTY-WASHOE
29 0480 01 CITY-COUNTY DISTRICT HEALTH DEPARTMENT 20

WHITE PINE COUNTY
SITE 01 LEHMAN CAVES NATIONAL MONUMENT TYPE- N LEHMAN CAVES NATL MON
29 0560 01 NATIONAL PARK SERVICE 3

NEW HAMPSHIRE
CONCORD
SITE 01 61 SOUTH SPRING STREET TYPE- RC COUNTY-MERRIMACK
30 0120 01 STATE DEPARTMENT OF HEALTH + WELFARE 30

COOS COUNTY
SITE 01 U S FISH CUL STA WHITE MTN NAT FOR TYPE- N WHITE MOUNTAIN NAT FOR
30 0140 01 UNITED STATES FISH + WILDLIFE SERVICE 0

NEW JERSEY
BAYONNE
SITE 01 BAYONNE HOSPITAL RD 29TH STREET TYPE- IR COUNTY-HUDSON
31 0180 01 BAYONNE DEPARTMENT OF HEALTH 50

BURLINGTON COUNTY
SITE 02 J KANE NURSERY 2102 MARLTON PIKE TYPE- RC COUNTY-BURLINGTON
31 0660 02 CHERRY HILL BOARD OF HEALTH 12

CAMDEN
SITE 01 FIRE STATION 3RD + FEDERAL STREETS TYPE- IRC COUNTY-CAMDEN
31 0720 01 BUREAU OF FIRE DEPARTMENT OF PUBLIC SAFETY 30

GLASSBORO
SITE 01 BOSS HART HALL GLASSBORO STATE COLLEGE TYPE- RC COUNTY-GLOUCESTER
31 1700 01 STATE OF NEW JERSEY 40

HAMILTON
SITE 01 MUNICIPAL BLDG 2090 GREENWOOD AVENUE TYPE- I COUNTY-MERCER
31 1940 01 HAMILTON TOWNSHIP HEALTH DEPARTMENT 50

JERSEY CITY
SITE 01 MEDICAL CENTER GARAGE BLDG CORNEILSON AV TYPE- IR COUNTY-HUDSON
31 2320 01 CITY BOARD OF HEALTH 85

NEWARK
SITE 01 920 BROAD STREET CITY HALL TYPE- IC COUNTY-ESSEX
31 3480 01 CITY DEPARTMENT OF HEALTH + WELFARE 65

PATERSON
SITE 01 BOARD OF HEALTH ROOF-MILL + PASSAIC STS TYPE- IC COUNTY-PASSAIC
31 4140 01 PATERSON BOARD OF HEALTH 32

PERTH AMBOY
SITE 01 HEALTH DEPT 260 HIGH STREET TYPE- R COUNTY-MIDDLESEX
31 4220 01 BUREAU OF AIR POLLUTION CONTROL 15

TRENTON
SITE 01 COURT HOUSE (STATE HOUSE* TYPE- IRC COUNTY-MERCER
31 5400 01 BUREAU OF ADULT + OCCUPATIONAL HEALTH 60

NEW MEXICO
ALBUQUERQUE
SITE 01 100 BLOCK AT TIJERAS AVE NE TYPE- IRC COUNTY-BERNALILLO
32 0040 01 ALBUQUERQUE DEPARTMENT OF ENVIRONMENTAL HEALTH 42

RIO ARRIBA COUNTY
SITE 01 WEST OF WATER FILTER PLANT TYPE- N WATER FILTER PLANT
32 0920 01 RIO ARRIBA COUNTY 7

NEW YORK
AKRON
SITE 01 AKRON SEWAGE TREATMENT PLANT TYPE- S COUNTY-ERIE
33 0020 01 STATE OF NEW YORK DEPARTMENT OF HEALTH 0

ALBANY			
SITE 02	GRANT'S DEPARTMENT STORE DOWNTOWN STORE	TYPE- C	COUNTY-ALBANY
33 0040 02	STATE OF NEW YORK DEPARTMENT OF HEALTH		40
BABYLON			
SITE 01	EAST FARMINGDALE WATER PLANT GAZZA BLVD	TYPE- I	COUNTY-SUFFOLK
33 0280 01	STATE OF NEW YORK DEPARTMENT OF HEALTH		3
BINGHAMTON			
SITE 02	BROOME CO HLTH DEPT BLDG 62-68 WATER ST	TYPE- IRC	COUNTY-BROOME
33 0480 02	STATE OF NEW YORK DEPARTMENT OF HEALTH		30
SITE 03	NORTH HIGH	TYPE- RC	COUNTY-BROOME
33 0480 03	STATE OF NEW YORK DEPARTMENT OF HEALTH		50
BUFFALO			
SITE 01	MUSEUM OF NATURAL SCIENCE, HUMBOLT PKWY	TYPE- RC	COUNTY-ERIE
33 0660 01	ERIE COUNTY HEALTH DEPARTMENT		50
SITE 02	P S 66	TYPE- R	COUNTY-ERIE
33 0660 02	STATE OF NEW YORK DEPARTMENT OF HEALTH		45
SITE 03	P S 26 84 HARRISON STREET	TYPE- I	COUNTY-ERIE
33 0660 03	STATE OF NEW YORK DEPARTMENT OF HEALTH		20
CHEEKTOWAGA NW			
SITE 01	TOWN HALL	TYPE- R	COUNTY-ERIE
33 1020 01	STATE OF NEW YORK DEPARTMENT OF HEALTH		60
COHOES			
SITE 01	KEVENY ACADEMY	TYPE- IC	COUNTY-ALBANY
33 1180 01	STATE OF NEW YORK DEPARTMENT OF HEALTH		60
COLONIE			
SITE 01	COLONIE SHOPPING CENTER	TYPE- CS	COUNTY-ALBANY
33 1200 01	STATE OF NEW YORK DEPARTMENT OF HEALTH		35
COLUMBIA COUNTY			
SITE 01	WATER TREATMENT PLANT	TYPE- S	COUNTY-COLUMBIA
33 1220 01	STATE OF NEW YORK DEPARTMENT OF HEALTH		35
DUTCHESS COUNTY			
SITE 01	LA GRANGE SCHOOL	TYPE- N	COUNTY-DUTCHESS
33 1620 01	STATE OF NEW YORK DEPARTMENT OF HEALTH		15
EAST SYRACUSE			
SITE 01	410 WEST MANLIUS AVENUE(POST OFFICE)	TYPE- C	COUNTY-ONONDAGA
33 1800 01	STATE OF NEW YORK DEPARTMENT OF HEALTH		30
ELLENVILLE			
SITE 01	ELLENVILLE SEWAGE TREATMENT PLANT	TYPE- S	COUNTY-ULSTER
33 1860 01	STATE OF NEW YORK DEPARTMENT OF HEALTH		15
ELMIRA			
SITE 01	MAINTENANCE BUILDING 808 CANAL STREET	TYPE- IR	COUNTY-CHEMUNG
33 1880 01	CITY MAINTENANCE DEPARTMENT		16
ENDICOTT			
SITE 01	CHARLES F JOHNSON JUNIOR HIGH SCHOOL	TYPE- R	COUNTY-BROOME
33 1980 01	STATE OF NEW YORK DEPARTMENT OF HEALTH		15
SITE 02	GEORGE W JOHNSON ELEMENTARY SCHOOL	TYPE- IR	COUNTY-BROOME
33 1980 02	STATE OF NEW YORK DEPARTMENT OF HEALTH		45
ERIE COUNTY			
SITE 01	KAGEBEIN SCHOOL LOVE RD GRAND ISLAND	TYPE- R	COUNTY-ERIE
33 2000 01	STATE OF NEW YORK DEPARTMENT OF HEALTH		20
SITE 11	HOLLAND WATER WORKS	TYPE- N	COUNTY-ERIE
33 2000 11	STATE OF NEW YORK DEPARTMENT OF HEALTH		0
GARDEN CITY			
SITE 01	ADMINISTRATION BUILDING	TYPE- RC	COUNTY-NASSAU
33 2360 01	STATE OF NEW YORK DEPARTMENT OF HEALTH		90
GLENS FALLS			
SITE 01	GLENS FALLS HOSPITAL	TYPE- IC	COUNTY-WARREN
33 2480 01	STATE OF NEW YORK DEPARTMENT OF HEALTH		69

JEFFERSON COUNTY
SITE 01 FOG SIGNAL BLDG TIBBETTS PT LIGHT STA TYPE- N CAPE VINCENT
33 3340 01 UNITED STATES COAST GUARD 18

JOHNSON CITY
SITE 01 JOHNSON CITY SR H S MAIN STREET TYPE- R COUNTY-BROOME
33 3380 01 STATE OF NEW YORK DEPARTMENT OF HEALTH 45

JOHNSTOWN
SITE 01 FULTON COUNTY OFFICE BUILDING TYPE- RC COUNTY-FULTON
33 3400 01 STATE OF NEW YORK DEPARTMENT OF HEALTH 30

KINGSTON
SITE 01 ULSTER COUNTY OFFICE BUILDING TYPE- RC COUNTY-ULSTER
33 3500 01 STATE OF NEW YORK DEPARTMENT OF HEALTH 90

LACAWANNA
SITE 01 SEWAGE TREATMENT PLANT TYPE- IR COUNTY-ERIE
33 3520 01 STATE OF NEW YORK DEPARTMENT OF HEALTH 0

SITE 02 OUR LADY OF VICTORY CONVENT TYPE- C COUNTY-ERIE
33 3520 02 STATE OF NEW YORK DEPARTMENT OF HEALTH 80

LEWISTON
SITE 01 LEWISTON ELEM 4TH STREET TYPE- R COUNTY-NIAGARA
33 3760 01 STATE OF NEW YORK DEPARTMENT OF HEALTH 54

LOCKPORT
SITE 02 LOCKPORT SR HIGH LINDON + LOCUST STREET TYPE- R COUNTY-NIAGARA
33 3920 02 STATE OF NEW YORK DEPARTMENT OF HEALTH 42

SITE 04 DEWITT CLINTON SCHOOL TYPE- IR COUNTY-NIAGARA
33 3920 04 STATE OF NEW YORK DEPARTMENT OF HEALTH 58

MASSENA
SITE 01 CITY SEWAGE TREATMENT PLANT E ORVIS ST TYPE- IRC COUNTY-ST LAWRENCE
33 4180 01 STATE OF NEW YORK DEPARTMENT OF HEALTH 13

MONROE COUNTY
SITE 01 BISHOP KEARNEY HIGH (IRONDEQUOIT) TYPE- R COUNTY-MONROE
33 4380 01 STATE OF NEW YORK DEPARTMENT OF HEALTH 54

SITE 02 CHURCHILL-CHILI HI (RIGA) TYPE- N CHURCHILL-CHILI HI (RIGA
33 4380 02 STATE OF NEW YORK DEPARTMENT OF HEALTH 18

MT VERNON
SITE 01 CITY HALL BLDG TYPE- C COUNTY-WESTCHESTER
33 4480 01 STATE OF NEW YORK DEPARTMENT OF HEALTH 40

NEW PALTZ
SITE 01 VILLAGE GARAGE TYPE- S COUNTY-ULSTER
33 4600 01 STATE OF NEW YORK DEPARTMENT OF HEALTH 15

NEW ROCHELLE
SITE 02 HEALTH DEPARTMENT TYPE- RCS COUNTY-WESTCHESTER
33 4620 02 STATE OF NEW YORK DEPARTMENT OF HEALTH 40

NEW YORK CITY
SITE 01 HARLEM COURT HOUSE 170 EAST 121 STREET TYPE- RC COUNTY-BRONX
33 4680 01 DEPARTMENT OF AIR POLLUTION CONTROL 075

NIAGARA COUNTY
SITE 01 MIDDLEPORT ELEMENTARY SCHOOL TYPE- R COUNTY-NIAGARA
33 4720 01 STATE OF NEW YORK DEPARTMENT OF HEALTH 50

NIAGARA COUNTY
SITE 02 LOCKPORT AFB 57953 SHANEF RD (CAMBRIA) TYPE- N 57953 SHANEE RD CAMBRIA
33 4720 02 STATE OF NEW YORK DEPARTMENT OF HEALTH 3

NIAGARA FALLS
SITE 01 CITY HALL MAIN STREET + CEDAR AVENUE TYPE- RC COUNTY-NIAGARA
33 4740 01 STATE OF NEW YORK DEPARTMENT OF HEALTH 53

SITE 02 DEVEAUX MANOR TYPE- R COUNTY-NIAGARA
33 4740 02 STATE OF NEW YORK DEPARTMENT OF HEALTH 38

NORTH TONAWANDA
SITE 01 JUNIOR HIGH SCHOOL 621 PAYNE AVENUE TYPE- RC COUNTY-NIAGARA
33 4900 01 STATE OF NEW YORK DEPARTMENT OF HEALTH 54

SITE 02 OHIO STREET SCHOOL TYPE- R COUNTY-NIAGARA
33 4900 02 STATE OF NEW YORK DEPARTMENT OF HEALTH 18

SITE 04 BLUE DOLPHIN MARINA 278 RIVER RD TYPE- IC COUNTY-NIAGARA
33 4900 04 STATE OF NEW YORK DEPARTMENT OF HEALTH 3

SITE 05 DEGRAFF MEMORIAL HOSPITAL 445 TREMONT ST TYPE- RC COUNTY-NIAGARA
33 4900 05 STATE OF NEW YORK DEPARTMENT OF HEALTH 56

ONONDAGA COUNTY
SITE 01 HIGH SCHOOL (JORDAN) TYPE- R COUNTY-ONONDAGA
33 5100 01 STATE OF NEW YORK DEPARTMENT OF HEALTH 45

SITE 02 ADMINISTRATION BLDG FAIR GROUNDS (GEDDES) TYPE- IC COUNTY-ONONDAGA
33 5100 02 STATE OF NEW YORK DEPARTMENT OF HEALTH 25

OSSINING
SITE 01 HIGHLANDS AVENUE HIGH SCHOOL TYPE- C COUNTY-WESTCHESTER
33 5200 01 STATE OF NEW YORK DEPARTMENT OF HEALTH 45

PEEKSKILL
SITE 01 CITY HALL MAIN STREET TYPE- C COUNTY-WESTCHESTER
33 5360 01 STATE OF NEW YORK DEPARTMENT OF HEALTH 30

POUGHKEEPSIE
SITE 01 POUGHKEEPSIE WATER WORKS TYPE- R COUNTY-DUTCHESS
33 5620 01 STATE OF NEW YORK DEPARTMENT OF HEALTH 30

RENSSELAER COUNTY
SITE 01 SEWAGE TREATMENT PLANT TYPE- IR COUNTY-RENSSELAER
33 5700 01 STATE OF NEW YORK DEPARTMENT OF HEALTH 0

SITE 11 GRAFTON ELEMENTARY SCHOOL TYPE- N COUNTY-RENSSELAER
33 5700 11 STATE OF NEW YORK DEPARTMENT OF HEALTH 20

ROCHESTER
SITE 01 FIRE HQ BUILDING 185 NORTH STREET TYPE- C COUNTY-MONROE
33 5760 01 MONROE COUNTY HEALTH DEPARTMENT 30

ROCHESTER
SITE 02 EAST HIGH SCHOOL TYPE- IR COUNTY-MONROE
33 5760 02 STATE OF NEW YORK DEPARTMENT OF HEALTH 20

SITE 03 KODAK BLDG 135 TYPE- I COUNTY-MONROE
33 5760 03 STATE OF NEW YORK DEPARTMENT OF HEALTH 15

ROCKLAND COUNTY
SITE 01 COUNTY OFFICE BUILDING TYPE- RC COUNTY-ROCKLAND
33 5780 01 STATE OF NEW YORK DEPARTMENT OF HEALTH 50

ROME
SITE 01 JUSTICE BUILDING COURT STREET TYPE- RC COUNTY-ONEIDA
33 5820 01 STATE OF NEW YORK DEPARTMENT OF HEALTH 12

SAUGERTIES
SITE 01 MALDEN SERVICE AREA TYPE- IN COUNTY-DUTCHESS
33 5980 01 STATE OF NEW YORK DEPARTMENT OF HEALTH 12

SCHENECTADY
SITE 01 CITY HALL 105 JAY STREET TYPE- RC COUNTY-SCHENECTADY
33 6020 01 CITY HEALTH DEPARTMENT 80

SITE 02 CITY GARAGE TYPE- IC COUNTY-SCHENECTADY
33 6020 02 STATE OF NEW YORK DEPARTMENT OF HEALTH 12

SCHENECTADY COUNTY
SITE 01 DUANESBURG CENTRAL ELEMENTARY SCHOOL TYPE- N COUNTY-SCHENECTADY
33 6040 01 STATE OF NEW YORK DEPARTMENT OF HEALTH 12

SITE 11 BEVIS HILL RESERVOIR TYPE- R COUNTY-SCHENECTADY
33 6040 11 STATE OF NEW YORK DEPARTMENT OF HEALTH 0

SCHOHARIE COUNTY
SITE 02 POTTS FARM (SCHOHARIE) TYPE- I COUNTY-SCHOHARIE
33 6060 02 STATE OF NEW YORK DEPARTMENT OF HEALTH 3

SLOAN
SITE 01 WOODROW WILSON SCHOOL TYPE- R COUNTY-ERIE
33 6280 01 STATE OF NEW YORK DEPARTMENT OF HEALTH 50

SOLVAY				
SITE 01	SOLVAY HIGH SCHOOL	TYPE-	R	COUNTY-ONONDAGA
33 6320 01	STATE OF NEW YORK DEPARTMENT OF HEALTH			50
SOUTHAMPTON				
SITE 01	COUNTY CENTER BUILDING	TYPE-	S	COUNTY-SUFFOLK
33 6340 01	STATE OF NEW YORK DEPARTMENT OF HEALTH			22
SUFFERN				
SITE 01	STP RIDGE AVE	TYPE-	R	COUNTY-ROCKLAND
33 6560 01	STATE OF NEW YORK DEPARTMENT OF HEALTH			6
SUFFOLK COUNTY				
SITE 01	STATE UNIVERSITY (STONY BROOK)	TYPE-	R	COUNTY-SUFFOLK
33 6580 01	STATE OF NEW YORK DEPARTMENT OF HEALTH			65
SITE 02	SUFFOLK WATER AUTHORITY BARTON AVENUE	TYPE-	R	COUNTY-SUFFOLK
33 6580 02	STATE OF NEW YORK DEPARTMENT OF HEALTH			0
SITE 11	BRENTWOOD HIGH SCHOOL PINE AIRE RD (ISLIP	TYPE-	R	COUNTY-SUFFOLK
33 6580 11	STATE OF NEW YORK DEPARTMENT OF HEALTH			35
SITE 22	1 OLD INDIAN HEAD ROAD COMMACK SMITHTOWN	TYPE-	R	COUNTY-SUFFOLK
33 6580 22	STATE OF NEW YORK DEPARTMENT OF HEALTH			40
SYRACUSE				
SITE 01	WATER DEPT MAINT BLDG 101 N BEECH STREET	TYPE-	C	COUNTY-ONONDAGA
33 6620 01	STATE OF NEW YORK DEPARTMENT OF HEALTH			15
SITE 03	100 ERIE BOULEVARD	TYPE-	IRC	COUNTY-ONONDAGA
33 6620 03	STATE OF NEW YORK DEPARTMENT OF HEALTH			45
SITE 04	STP HIAWATHA BOULEVARD	TYPE-	C	COUNTY-ONONDAGA
33 6620 04	STATE OF NEW YORK DEPARTMENT OF HEALTH			50
TROY				
SITE 02	TROY HIGH SCHOOL	TYPE-	RC	COUNTY-RENNSELAER
33 6780 02	STATE OF NEW YORK DEPARTMENT OF HEALTH			80
UTICA				
SITE 01	CITY HEALTH OFFICE BLDG 406 ELIZABETH ST	TYPE-	C	COUNTY-ONEIDA
33 6880 01	CITY HEALTH DEPARTMENT			15
WEBSTER				
SITE 01	RIDGECREST ELEMENTARY	TYPE-	S	COUNTY-MONROE
33 7260 01	STATE OF NEW YORK DEPARTMENT OF HEALTH			15
WESTCHESTER COUNTY				
SITE 01	PRIMROSE ST ELEMENTARY SCHOOL SOMERS	TYPE-	N	COUNTY-WESTCHESTER
33 7320 01	STATE OF NEW YORK DEPARTMENT OF HEALTH			30
YONKERS				
SITE 01	HEALTH CENTER BUILDING 87 NEPPERHAN AVE	TYPE-	IC	COUNTY-WESTCHESTER
33 7620 01	STATE OF NEW YORK DEPARTMENT OF HEALTH			100
NORTH CAROLINA				
CHARLOTTE				
SITE 01	600 EAST TRADE STREET	TYPE-	C	COUNTY-MECKLENBURG
34 0700 01	CITY HEALTH DEPARTMENT			62
CAPE HATTERAS				
SITE 01	BODIE ISLAND CAPE HATTERAS REC AREA	TYPE-	N	CAPE HATTERAS
34 1020 01	NATIONAL PARK SERVICE			7
DURHAM				
SITE 01	HEALTH DEPARTMENT 300 EAST MAIN STREET	TYPE-	IC	COUNTY-DURHAM
34 1160 01	STATE BOARD OF HEALTH			80
GREENSBORO				
SITE 02				
34 1740 02	AGENCY NOT IDENTIFIED	TYPE-(*)		
				(*)
NORTH DAKOTA				
BISMARCK				
SITE 01	MEMORIAL BUILDING 213 SIXTH STREET	TYPE-	C	COUNTY-BURLEIGH
35 0100 01	CITY DEPARTMENT OF HEALTH + BUILDING INSPECTION			30

FARGO
SITE 01 CIVIC CENTER ROOF 201 NO 4TH TYPE- C COUNTY-CASS
35 0400 01 CITY HEALTH DEPARTMENT 24

MINOT
SITE 01 215 5TH AVENUE NORTHWEST TYPE- RC COUNTY-WARD
35 0780 01 STATE DEPARTMENT OF HEALTH 12

WARD COUNTY
SITE 01 MAINT BLDG UP SOURIS (LAKE DARLING) TYPE- N LAKE DARLING
35 1300 01 UNITED STATES FISH + WILDLIFE SERVICE 12

OHIO
AKRON
SITE 01 FIRE STATION NO 4 821 COBURN STREET TYPE- IRC COUNTY-SUMMIT
36 0060 01 CITY DEPARTMENT OF HEALTH 30

CANTON
SITE 01 CITY HALL TYPE- C COUNTY-STARK
36 1000 01 CANTON CITY HEALTH DEPARTMENT AIR POLLUTION CONTROL DIVISION 25

CINCINNATI
SITE 01 PUBLIC LIBRARY BUILDING 800 VINE STREET TYPE- C COUNTY-HAMILTON
36 1220 01 BUR OF AIR POLL CONTROL AND HEATING INSP CITY DEPT OF SAFETY 80

SITE 02 COLLEGE HILL 1654 MARLOWE AVENUE TYPE- R COUNTY-HAMILTON
36 1220 02 CITY OF CINCINNATI DIVISION OF AIR POLLUTION CONTROL 30

SITE 03 CENTRAL AVENUE + ANN STREET TYPE- C COUNTY-HAMILTON
36 1220 03 UNITED STATES PUBLIC HEALTH SERVICE 25

CLEVELAND
SITE 01 CLEVELAND HEALTH MUSEUM 8911 EUCLID AVE TYPE- C COUNTY-CUYAHOGA
36 1300 01 CITY DEPARTMENT OF HEALTH + WELFARE 50

COLUMBUS
SITE 01 HLTH + SAFETY CENTER 181 S WASH BLVD TYPE- IC COUNTY-FRANKLIN
36 1460 01 CITY DIV OF SMOKE REGULATION + INSP DEPT OF PUBLIC SAFETY 62

DAYTON
SITE 01 MUNICIPAL BUILDING 101 W THIRD STREET TYPE- I COUNTY-MONTGOMERY
36 1660 01 CITY BUR OF COMBUSTION CONTROL CITY DIV OF BUILDING INSPECT 88

HAMILTON
SITE 01 2 HIGH STREET TYPE- C COUNTY-BUTLER
36 2700 01 OHIO DEPARTMENT OF HEALTH 110

LORAIN
SITE 01 WATER WORKS OFFICE BLDG 1106 FIRST ST TYPE- IC COUNTY-LORAIN
36 3620 01 CITY DEPARTMENT OF PUBLIC SERVICE 15

STEUBENVILLE
SITE 01 CITY ANNEX BUILDING 308 MARKET STREET TYPE- C COUNTY-JEFFERSON
36 6420 01 CITY OF STEUBENVILLE AIR POLLUTION BUREAU 30

TOLEDO
SITE 01 WATER DEPARTMENT GARAGE 635 N ERIE ST TYPE- IC COUNTY-LUCAS
36 6600 01 DIV OF AIR AND WATER POLL CONTROL CITY DEPT OF PUBLIC SERVICE 24

YOUNGSTOWN
SITE 01 CITY HALL BOARDMAN + PHELPS STREETS TYPE- IC COUNTY-MAHONING
36 7760 01 DIVISION OF ENGINEERING CITY DEPARTMENT OF PUBLIC WORKS 105

OKLAHOMA
CHEROKEE COUNTY
SITE 01 TAHLEQUAH CITY WATER PLANT TYPE- N TAHLEQUAH CITY WATER PLA
37 0480 01 CHEROKEE COUNTY HEALTH DEPARTMENT 4

OKLAHOMA CITY
SITE 01 MUNICIPAL BLDG. 200 N. WALKER OKLAHOMA CI TYPE- C COUNTY-OKLAHOMA
37 2200 01 OKLA. CITY-COUNTY HEALTH DEPT. 50

TULSA
SITE 01 TULSA CITY-COUNTY HEALTH DEPARTMENT TYPE- R COUNTY-TULSA
37 3000 01 TULSA CITY-COUNTY HEALTH DEPARTMENT 27

OREGON
CURRY COUNTY
SITE 01 CAPE BLANCO LIGHT STATION P O BOX N (SIXE TYPE- N P O BOX N (SIXES)
38 0440 01 UNITED STATES COAST GUARD 3

MEDFORD
SITE 01 JACKSON CO CT HOUSE ANX 10 S OAKDALE ST TYPE- RC COUNTY-JACKSON
38 1160 01 STATE SANITARY AUTHORITY STATE BOARD OF HEALTH 40

PORTLAND
SITE 01 STATE OFFICE BUILDING 1400 SW 5TH AVE TYPE- C COUNTY-MULTNOMAH
38 1460 01 STATE SANITARY AUTHORITY STATE BOARD OF HEALTH 125

PENNSYLVANIA
ALLENTOWN
SITE 01 635 LINDEN STREET + 435 HAMILTON STREET TYPE- C COUNTY-LEHIGH
39 0120 01 BI-CITY HEALTH UNIT 83

ALTOONA
SITE 01 CITY HALL 12TH STREET + 13TH AVENUE TYPE- RC COUNTY-BLAIR
39 0140 01 CITY DEPARTMENT OF WATER PARKS + PUBLIC PROPERTY 70

BETHLEHEM
SITE 02 ROOF OF PUBLIC SAFETY BLDG 10 E CHURCH TYPE- IRC COUNTY-NORTHUMBERLAND
39 0780 02 BI-CITY HEALTH UNIT 41

CLARION COUNTY
SITE 01 COOK FOREST STATE PARK TYPE- N COOK FOREST STATE PARK
39 1760 01 STATE DEPARTMENT OF FORESTS + WATERS 24

HARRISBURG
SITE 01 7TH + FORESTER TYPE- IC COUNTY-DAUPHIN
39 3880 01 STATE DEPARTMENT OF HEALTH 135

HAZELTON
SITE 01 WEST GREEN + NORTH CHURCH STREETS TYPE-(*) COUNTY-LUZERNE
39 3960 01 AGENCY NOT IDENTIFIED (*)

JOHNSTOWN
SITE 01 PUBLIC SAFETY BLDG MARKET + WASH STREETS TYPE- IC COUNTY-CAMBRIA
39 4460 01 CITY FIRE DEPARTMENT 80

PHILADELPHIA
SITE 01 A P C LABORATORY 3200 FRANKFORD AVE TYPE- I COUNTY-PHILADELPHIA
39 7140 01 DIV OF AIR POLL CONTROL + ENV SANITATION DEPT OF PUB HLTH 27

SITE 02 2031 RACE STREET TYPE- R COUNTY-PHILADELPHIA
39 7140 02 U S PUBLIC HEALTH SERVICE 15

PITTSBURGH
SITE 01 COUNTY OFFICE BLDG FORBES AVE AT ROSS ST TYPE- C COUNTY-ALLEGHENY
39 7260 01 BUREAU OF AIR POLL CONTROL ALLEGHENY COUNTY DEPT OF HEALTH 160

READING
SITE 01 CITY HALL 8TH + WASHINGTON STREETS TYPE- IRC COUNTY-BERKS
39 7620 01 CITY BUREAU OF HEALTH 40

SCRANTON
SITE 01 FIRE STATION WASHINGTON + MULBERRY STS TYPE- C COUNTY-LACKAWANNA
39 8040 01 STATE DEPARTMENT OF HEALTH 15

WARMINSTER
SITE 01 BRISTOL ROAD TYPE- R COUNTY-BUCKS
39 9160 01 STATE DEPARTMENT OF HEALTH 14

WEST CHESTER
SITE 01 PLANT CONTROL BLDG RT 3 + WESTTOWN WAY TYPE- R COUNTY-CHESTER
39 9280 01 STATE DEPARTMENT OF HEALTH 10

WILKES BARRE
SITE 01 71 N FRANKLIN TYPE- C COUNTY-LUZERNE
39 9430 01 PENNSYLVANIA DEPARTMENT OF HEALTH 30

YORK
SITE 01 LAUREL FIRE CO BLDG DUKE + KING STS TYPE- C COUNTY-YORK
39 9560 01 CITY DEPARTMENT OF HEALTH 40

SITE 02 3RD FLOOR CITY HALL 50 W KING ST TYPE- C COUNTY-YORK
39 9560 02 CITY OF YORK DEPARTMENT OF HEALTH 48

PUERTO RICO
BAYAMON
SITE 01 FORT BUCHANAN WAREHOUSE #616 TYPE- IS
40 0380 01 PUERTO RICO DEPARTMENT OF HEALTH 25

SITE 02 BAYAMON HEALTH CENTER #4 MANUEL A ROSSI TYPE- C COUNTY-BAYAMON
40 0380 02 PUERTO RICO DEPARTMENT OF HEALTH 15

CATANO
SITE 02 SEWAGE + WATER AUTHORITY PUMP HOUSE TYPE- RCS COUNTY-CATANO
40 0560 02 COMMONWEALTH OF PUERTO RICO DEPARTMENT OF HEALTH 12

GUAYANILLA
SITE 01 PUBLIC SCHOOL LUNCH ROOM BO MACANA TYPE- N
40 1080 01 PUERTO RICO DEPARTMENT OF HEALTH 9

PONCE
SITE 01 LOPEZ MEMORIAL CEMENTARIO ST NO 20 TYPE- RC
40 1920 01 PONCE DISTRICT HOSPITAL 19

RHODE ISLAND
EAST PROVIDENCE
SITE 01 CENTRAL JR HIGH SCHOOL TAUTON AVENUE TYPE- RC COUNTY-PROVIDENCE
41 0120 01 PROVIDENCE HEALTH DEPARTMENT 48

PROVIDENCE
SITE 01 POLICE HQ BLDG FOUNT STREET AT LASALLE SQ TYPE- IRC COUNTY-PROVIDENCE
41 0900 01 CITY DEPARTMENT OF BUILDING INSPECTION 45

WASHINGTON COUNTY
SITE 01 PINE HILL FIRE TOWER (EXETER) TYPE- N PINE HILL FIRE TOWER
41 0380 01 STATE DEPARTMENT OF AGRICULTURE + CONSERVATION 19

SOUTH CAROLINA
COLUMBIA
SITE 01 1600 ASSEMBLY STREET TYPE- C COUNTY-RICHLAND
42 0760 01 SOUTH CAROLINA POLLUTION CONTROL AUTHORITY 27

GREENVILLE
SITE 01 CTY CURB MARKET ELFORD+MAIN STS TYPE- C COUNTY-GREENVILLE
42 1180 01 SOUTH CAROLINA POLLUTION CONTROL AUTHORITY 20

RICHLAND COUNTY
SITE 01 LIVESTOCK LAB CLEMSON COLL EXPER STA TYPE- N CLEMSON COLL EXP STA
42 1900 01 CLEMSON AGRICULTURE COLLEGE + U S DEPT OF AGRICULTURE 440

SOUTH DAKOTA
BLACK HILLS NAT FOR
SITE 01 TEPEE WORK CENTER BLACK HILLS NATL FOREST TYPE- N BLACK HILLS NATL FOREST
43 0420 01 U S FOREST SERVICE 2

SIOUX FALLS
SITE 01 CITY HALL 224 WEST 9TH TYPE- IRC COUNTY-MINNEHAHA
43 1480 01 CITY HEALTH DEPARTMENT 44

TENNESSEE
CHATTANOOGA
SITE 01 U S POST OFFICE 9TH ST + GEORGIA AVE TYPE- C COUNTY-HAMILTON
44 0380 01 BUREAU OF AIR POLLUTION CONTROL + BOILER INSPECTION 85

KNOXVILLE
SITE 01 MASONIC TEMPLE 505 LOCUST STREET TYPE- IRC COUNTY-KNOX
44 1740 01 DIV OF SMOKE REG + BOILER INSPECTION CITY DEPT OF PUB SAFETY 70

MEMPHIS
SITE 01 HEALTH DEPT BLDG 814 JEFFERSON STREET TYPE- C COUNTY-SHELBY
44 2940 01 MEMPHIS-SHELBY COUNTY HEALTH DEPARTMENT 35

NASHVILLE
SITE 01 CITY-COUNTY BUILDING PUBLIC SQUARE TYPE- IRC COUNTY-DAVIDSON
44 2540 01 BUREAU OF INSPECTION + PERMITS CITY DEPT OF PUBLIC WORKS 90

TEXAS
AUSTIN
SITE 01 CITY HALL ROOF COLORADO + 8TH STREET TYPE- RC COUNTY-TRAVIS
45 0220 01 CITY COUNTY HEALTH DEPARTMENT 38

BAYTOWN			
SITE 01	ROSELAND PARK	TYPE- S	COUNTY-HARRIS
45 0320 01	TEXAS STATE DEPARTMENT OF HEALTH		12
SITE 02	PARK STREET WATER TOWER	TYPE- C	COUNTY-HARRIS
45 0320 02	TEXAS STATE DEPARTMENT OF HEALTH		00
CHAMBERS COUNTY			
SITE 01	FIRE STATION (BEACH CITY)	TYPE- N	BEACH CITY FIRE STATION
45 0860 01	TEXAS STATE DEPARTMENT OF HEALTH		5
SITE 02	FIRE STATION (MT BELVIEW)	TYPE- IC	MT BELVIEW FIRE STATION
45 0860 02	TEXAS STATE DEPARTMENT OF HEALTH		5
CLUTE CITY			
SITE 01	COBB FIELD	TYPE- R	COUNTY-BRAZORIA
45 0950 01	TEXAS STATE DEPARTMENT OF HEALTH		18
CORPUS CHRISTI			
SITE 01	3041 MORGAN STREET	TYPE- RC	COUNTY-NUECES
45 1150 01	TEXAS STATE DEPARTMENT OF HEALTH		20
SITE 02	8800 UPPER RIVER ROAD	TYPE- N	COUNTY-NUECES
45 1150 02	TEXAS STATE DEPARTMENT OF HEALTH		20
DALLAS			
SITE 01	CITY HALL 2015 COMMERCE STREET	TYPE- C	COUNTY-DALLAS
45 1310 01	CITY HEALTH DEPARTMENT		55
SITE 02	2108 YOUNG STREET	TYPE- C	COUNTY-DALLAS
45 1310 02	DALLAS CITY HEALTH DEPARTMENT		12
EL PASO			
SITE 01	118 WEST MISSOURI	TYPE- IN	COUNTY-EL PASO
45 1700 01	TEXAS STATE DEPARTMENT OF HEALTH		65
FT WORTH			
SITE 01	1000 THROCKMORTON	TYPE- RC	COUNTY-TARRANT
45 1880 01	TEXAS STATE DEPARTMENT OF HEALTH		50
GALVESTON			
SITE 01	CITY HALL	TYPE- RC	COUNTY-GALVESTON
45 1980 01	TEXAS STATE DEPARTMENT OF HEALTH		70
HOUSTON			
SITE 01	SAM HOUSTON COLISEUM 810 BAGBY STREET	TYPE- C	COUNTY-HARRIS
45 2560 01	CITY HEALTH DEPARTMENT		50
LAREDO			
SITE 01	2420 SAN BERANRDO	TYPE- C	COUNTY-WEBB
45 3140 01	TEXAS STATE DEPARTMENT OF HEALTH		4
LUBBOCK			
SITE 01	CENTRAL FIRE STATION 1100 6TH & K STREETS	TYPE- C	COUNTY-LUBBOCK
45 3940 01	LUBBOCK CITY-COUNTY HEALTH DEPT		14
MCALLEN			
SITE 01	1920 BEECH AVENUE	TYPE- IR	COUNTY-HIDALGO
45 3390 01	TEXAS STATE DEPARTMENT OF HEALTH		30
MATAGORDA COUNTY			
SITE 01	COLORADO RIVER LOCKS	TYPE- N	COLORADO RIVER LOCKS
45 3530 01	MATAGORDA COUNTY HEALTH DEPARTMENT		4
ODESSA			
SITE 01	SEVENTH & N DIXIE STREETS	TYPE- IRC	COUNTY-ECTOR
45 3910 01	TEXAS STATE DEPARTMENT OF HEALTH		12
ORANGE			
SITE 01	SEVENTH STREET AT ELM	TYPE- RC	COUNTY-ORANGE
45 3950 01	TEXAS STATE DEPARTMENT OF HEALTH		23
PASADENA			
SITE 01	ROOF OF CITY HALL 1211 E SOUTHMORE	TYPE- C	COUNTY-HARRIS
45 4060 01	HEALTH DEPARTMENT OF PASADENA		15
SAN ANTONIO			
SITE 01	CORPORATION COURT 302 S LAREDO	TYPE- C	COUNTY-BEXAR
45 4570 01	SAN ANTONIO METROPOLITAN HEALTH DISTRICT		15

TEXARKANA
SITE 01 NEW BOSTON ROAD TYPE- IC COUNTY-BOWIE
45 5160 01 TEXAS STATE DEPARTMENT OF HEALTH 2

TEXAS CITY
SITE 01 CITY HALL TYPE- IRC COUNTY-GALVESTON
45 5170 01 TEXAS STATE DEPARTMENT OF HEALTH 23

TYLER
SITE 01 CITY HALL TYPE- C COUNTY-SMITH
45 5240 01 TEXAS STATE DEPARTMENT OF HEALTH 24

WACO
SITE 01 CITY HALL TYPE- C COUNTY-MC LENNAN
45 5370 01 TEXAS STATE DEPARTMENT OF HEALTH 60

WICHITA FALLS
SITE 01 602 BROAD STREET TYPE- RC COUNTY-WICHITA
45 5560 01 TEXAS STATE DEPARTMENT OF HEALTH 15

UTAH
OGDEN
SITE 01 2570 GRANT AVENUE TYPE- RC COUNTY-WEBER
46 0680 01 WEBER COUNTY HEALTH DEPARTMENT 15

SALT LAKE CITY
SITE 01 HEALTH DEPT BLDG 610 SOUTH 2ND EAST TYPE- IRC COUNTY-SALT LAKE
46 0920 01 STATE DEPARTMENT OF HEALTH 30

VERMONT
BURLINGTON
SITE 01 STATE HLTH BLDG 115 COLCHESTER AVENUE TYPE- IRC COUNTY-CHITTENDEN
47 0140 01 STATE DEPARTMENT OF HEALTH 26

ORANGE COUNTY
SITE 01 VERMONT AGR + TECH NST RANDOLPH CENTER TYPE- N VERMONT AGR + TECH INS
47 0360 01 STATE DEPARTMENT OF HEALTH 35

VIRGINIA
DANVILLE
SITE 01 427 PATTON STREET TYPE- I COUNTY-PITTSYLVANIA
48 0920 01 CITY HEALTH DEPARTMENT 60

HAMPTON
SITE 01 VA ELEC PCWR CO OFF BLD PEMBROKE + G ST TYPE- IRC COUNTY-DINWIDDIE
48 1440 01 CITY HEALTH DEPARTMENT 33

LYNCHBURG
SITE 01 CITY HALL 917 CHURCH STREET TYPE- C COUNTY-CAMPBELL
48 1840 01 CITY WATER DEPARTMENT 20

NORFOLK
SITE 01 CITY SOCIAL SERV BLDG 235 E PLUM STREET TYPE- C COUNTY-NORFOLK
48 2140 01 CITY HEALTH DEPARTMENT 5

SHENANDOAH NAT PK
SITE 01 PARK ADMINISTRATION BUILDING TYPE- N SHENANDOAH NAT PARK
48 2320 01 NATIONAL PARK SERVICE 100

PORTSMOUTH
SITE 01 ROOF OF CITY HLTH BLDG, 301 S GREEN ST TYPE- C COUNTY-ISLE OF WIGHT
48 2440 01 PORTSMOUTH CITY HEALTH DEPARTMENT 16

RICHMOND
SITE 01 MOSQUE BLDG LAUREL + MAIN STREETS TYPE- RC COUNTY-HENRICO
48 2660 01 CITY DIV OF AIR POLLUTION CONTROL CITY DEPT OF PUBLIC SAFETY 85

SITE 02 SAFETY HEALTH WELFARE BLDG 501 N 9TH ST TYPE- C COUNTY-HENRICO
48 2660 02 BUREAU OF AIR POLLUTION CONTROL RICHMOND VIRGINIA 40

ROANOKE
SITE 01 HEALTH CENTER 518 8TH STREET S W TYPE- IC COUNTY-ROANOKE
48 2700 01 CITY DEPARTMENT OF AIR POLLUTION CONTROL 30

WASHINGTON
ALBURN
SITE 01 100 30TH NORTHEAST TYPE- IC COUNTY-KING
49 0100 01 PUGET SOUND AIR POLLUTION CONTROL AGENCY 10

BELLEVUE			
SITE 01	14822 BELLEVUE-REDMOND ROAD	TYPE- CS	COUNTY-KING
49 0120 01	PUGET SOUND AIR POLLUTION CONTROL AGENCY		20
BELLINGHAM			
SITE 01	3410 MARINE DRIVE BELLINGHAM WASH 98225	TYPE- I	COUNTY-WHATCOM
49 0140 01	WASHINGTON STATE DEPARTMENT OF HEALTH		(*)
BREMERTON			
SITE 01	CITY HALL	TYPE- R	COUNTY-KITSAP
49 0180 01	KITSAP COUNTY		35
EVERETT			
SITE 01	709 BROADWAY	TYPE- RC	COUNTY-SNOHOMISH
49 0640 01	PUGET SOUND AIR POLLUTION CONTROL AGENCY		12
SITE 02	CITY HALL WALL + WETMORE	TYPE- C	COUNTY-SNOHOMISH
49 0640 02	SNOHOMISH COUNTY HEALTH DEPARTMENT		46
KING COUNTY			
SITE 01	TOLT RIVER WATERSHED	TYPE- N	TOLT RIVER WATERSHED
49 0980 01	PUGET SOUND AIR POLLUTION CONTROL AGENCY		14
MARYSVILLE			
SITE 01	1513 7TH STREET	TYPE- C	COUNTY-SNOHOMISH
49 1200 01	PUGET SOUND AIR POLLUTION CONTROL AGENCY		50
OLYMPIA			
SITE 01	7TH AND COLUMBIA	TYPE- C	COUNTY-THURSTON
49 1400 01	WASHINGTON STATE DEPARTMENT OF HEALTH		30
PIERCE COUNTY			
SITE 01	5616 20TH STREET EAST	TYPE- IS	COUNTY-PIERCE
49 1560 01	PUGET SOUND AIR POLLUTION CONTROL AGENCY		50
RENTON			
SITE 01	12015 SOUTHEAST 128TH	TYPE- CS	COUNTY-KING
49 1760 01	PUGET SOUND AIR POLLUTION CONTROL AGENCY		12
SEATTLE			
SITE 01	PUBLIC SAFETY BUILDING 604-THIRD AVENUE	TYPE- C	COUNTY-KING
49 1840 01	PUGET SOUND AIR POLLUTION CONTROL AGENCY		80
SITE 02	1510 SMITH TOWER 2ND AVENUE + YESLER	TYPE- C	COUNTY-KING
49 1840 02	WASHINGTON STATE HEALTH DEPARTMENT		229
SITE 05	3224-4TH AVENUE SOUTH	TYPE- I	COUNTY-KING
49 1840 05	PUGET SOUND AIR POLLUTION CONTROL AGENCY		14
SITE 06	5960 RAINIER AVENUE SOUTH	TYPE- R	COUNTY-KING
49 1840 06	PUGET SOUND AIR POLLUTION CONTROL AGENCY		12
SITE 07	WEST COMMODORE WAY	TYPE- IC	COUNTY-KING
49 1840 07	PUGET SOUND AIR POLLUTION CONTROL AGENCY		12
SITE 09	SEATTLE CENTER 305 HARRISON STREET	TYPE- RC	COUNTY-KING
49 1840 09	PUGET SOUND AIR POLLUTION CONTROL AGENCY		75
SPOKANE			
SITE 01	CITY HALL 221 NORTH WALL STREET	TYPE- C	COUNTY-SPOKANE
49 2040 01	SPOKANE COUNTY AIR POLLUTION CONTROL AUTHORITY		84
TACOMA			
SITE 01	901 TACOMA AVENUE SOUTH	TYPE- C	COUNTY-PIERCE
49 2140 01	PUGET SOUND AIR POLLUTION CONTROL AGENCY		35
SITE 02	4500 STEILACOOM BLVD BLDG 8	TYPE- CS	COUNTY-PIERCE
49 2140 02	PUGET SOUND AIR POLLUTION CONTROL AGENCY		50
SITE 03	N 26TH + PEARL	TYPE- IRC	COUNTY-PIERCE
49 2140 03	PUGET SOUND AIR POLLUTION CONTROL AGENCY		12
SITE 04	1401 THORNE ROAD	TYPE- I	COUNTY-PIERCE
49 2140 04	PUGET SOUND AIR POLLUTION CONTROL AGENCY		30
VANCOUVER			
SITE 01	COURT HOUSE	TYPE- C	COUNTY-CLARK
49 2220 01	CLARK COUNTY AIR POLLUTION CONTROL AUTHORITY		55

WEST VIRGINIA
CHARLESTON
SITE 01 STATE PARKING BUILDING 212 CALIFORNIA TYPE- RC COUNTY-KANAWHA
50 0280 01 STATE DEPARTMENT OF HEALTH 80

WISCONSIN
DOOR COUNTY
SITE 01 GOLF C EQPMNT BLDG PENINSULA STATE PARK TYPE- N PENINSULA STATE PARK
51 0780 01 STATE CONSERVATION DEPARTMENT 0

EAU CLAIRE
SITE 01 314 EAST GRAND AVE (EAU CLAIRE) TYPE- C COUNTY-EAU CLAIRE
51 0840 01 WISCONSIN STATE BOARD OF HEALTH 62

KENOSHA
SITE 01 625-52ND STREET- VOCATIONAL SCHOOL TYPE- IRC COUNTY-KENOSHA
51 1540 01 CITY HEALTH DEPARTMENT 38

MADISON
SITE 01 CITY-COUNTY BUILDING 202 MONONA AVENUE TYPE- IC COUNTY-DANE
51 1860 01 CITY DEPARTMENT OF PUBLIC HEALTH 15

MILWAUKEE
SITE 01 PUBLIC LIBRARY 814 W WISCONSIN AVENUE TYPE- IC COUNTY-MILWAUKEE
51 2200 01 MILWAUKEE COUNTY DEPARTMENT OF AIR POLLUTION CONTROL 60

SUPERIOR
SITE 01 DOUGLAS CO COURT HOUSE 1313 BELKNAP ST TYPE- C COUNTY-DOUGLAS
51 3480 01 WISCONSIN STATE BOARD OF HEALTH 39

WYOMING
CASPER
SITE 01 CITY COUNTY BLDG CENTER + C STREETS TYPE- C COUNTY-NATRONA
52 0120 01 CASPER/NATRONA COUNTY HEALTH DEPARTMENT 75

CHEYENNE
SITE 01 STATE OFFICE BLDG 23RD + CENTRAL ACENUE TYPE- C COUNTY-LARAMIE
52 0140 01 STATE DEPARTMENT OF PUBLIC HEALTH 53

YELLOWSTONE PARK
SITE 01 SUPERINTENDENT MAMMOTH AREA OF PARK TYPE- N MAMMOTH AREA OF PARK
52 0860 01 NATIONAL PARK SERVICE 11

APPENDIX B.
SITES REPORTING METALS DATA, 1966 THROUGH 1967

ALABAMA
BIRMINGHAM
SITE 01 UNIV MED + DENTAL BLDG 619 SO 19TH ST TYPE- RC COUNTY-JEFFERSON
01 0380 01 JEFFERSON COUNTY HEALTH DEPARTMENT 42

GADSDEN
SITE 01 109 SOUTH 8TH STREET TYPE- IRC COUNTY-ETOWAH
01 1480 01 ETOWAH COUNTY HEALTH DEPARTMENT 25

HUNTSVILLE
SITE 01 ROOF OF HEALTH BLDG 304 EUSTIS AVENUE TYPE- RC COUNTY-MADISON
01 1860 01 DEPARTMENT OF PUBLIC HEALTH 32

MOBILE
SITE 01 CENTRAL FIRE STA 701 ST FRANCIS STREET TYPE- RC COUNTY-MOBILE
01 2380 01 MOBILE COUNTY BOARD OF HEALTH 45

MONTGOMERY
SITE 01 COUNTY HLTH CENTER 515 N JEFF DAVIS AVE TYPE- RC COUNTY-MONTGOMERY
01 2460 01 MONTGOMERY COUNTY HEALTH DEPARTMENT 40

ALASKA
ANCHORAGE
SITE 02 GR ANCHORAGE AREA HLTH DEPT 217 E ST TYPE- C
02 0040 02 GREATER ANCHORAGE AREA BOROUGH HEALTH DEPARTMENT 19

SITE 03 527 E 4TH TYPE-(*)
02 0040 03 AGENCY NOT IDENTIFIED (*)

FAIRBANKS
SITE 01 FAIRBANKS POST OFFICE 3RD + CUSHMAN TYPE- IRC
02 0160 01 ARCTIC HEALTH RESEARCH LABORATORY 3

ARIZONA
GRAND CANYON NAT PK
SITE 01 VISITOR CENTER GRAND CANYON VILLAGE REG TYPE- N GRAND CANYON PARK
03 0200 01 NATIONAL PARK SERVICE 4

MARICOPA COUNTY
SITE 01 8102 N MUMMY MTN ROAD (SCOTTSDALE) TYPE- R COUNTY-MARICOPA
03 0440 01 MUMMY MTN ASTRONOMICAL OBSER + USWB PARADISE VALLEY STATION 3

PHOENIX
SITE 02 CO HLTH DEPT BLDG 1825 E ROOSEVELT ST TYPE- R COUNTY-MARICOPA
03 0600 02 MARICOPA COUNTY HEALTH DEPARTMENT 15

TUCSON
SITE 01 UNIVERSITY OF ARIZONA MTN AVE + 2ND ST TYPE- RC COUNTY-PIMA
03 0860 01 DEPARTMENT OF CIVIL ENGINEERING UNIVERSITY OF ARIZONIA 1

ARKANSAS
LITTLE ROCK
SITE 01 POLICE + COURTS BLDG-700 W MARKHAM TYPE- C COUNTY-PULASKI
04 1440 01 ARKANSAS POLLUTION CONTROL COMMISSION 40

MONTGOMERY COUNTY
SITE 01 FOREST RANGER STA OUACHITA NATL FOREST TYPE- N OUACHITA NATL FOREST
04 1760 01 UNITED STATES FORESTRY SERVICE 3

TEXARKANA
SITE 01 FEDERAL BUILDING POST OFFICE TYPE- C COUNTY-LAFAYETTE
04 2560 01 ARKANSAS POLLUTION CONTROL COMMISSION 70

WEST MEMPHIS
SITE 01 FIRE STATION NO 1 SEVENTH + THOMPSON TYPE- RC COUNTY-CRITTENDEN
04 2740 01 ARKANSAS POLLUTION CONTROL COMMISSION 30

CALIFORNIA
BURBANK
SITE 02 228 WEST PALM AVENUE TYPE- IRC COUNTY-LOS ANGELES
05 0900 02 LOS ANGELES AIR POLLUTION CONTROL DISTRICT 15

GLENDALE
SITE 01 145 NORTH HOWARD STREET TYPE-(*) COUNTY-LOS ANGELES
05 2940 01 GLENDALE DEPARTMENT OF PUBLIC SERVICE (*)

HUMBOLDT COUNTY
SITE 01 TRINIDAD LIGHT STATION TYPE- N TRINIDAD LIGHT STATION
05 3300 01 UNITED STATES COAST GUARD 5

LONG BEACH
SITE 01 CITY HLTH DEPT BLDG 2655 PINE AVENUE TYPE- RC COUNTY-LOS ANGELES
05 4100 01 CITY DEPARTMENT OF PUBLIC HEALTH 25

LOS ANGELES
SITE 01 LACAPCD HQ BLDG 434 S SAN PEDRO ST TYPE- IC COUNTY-LOS ANGELES
05 4180 01 L A COUNTY AIR POLLUTION CONTROL DISTRICT 80

OAKLAND
SITE 01 COUNTY HEADQUARTERS BLDG 499 FIFTH ST TYPE- IC COUNTY-ALAMEDA
05 5300 01 ALAMEDA COUNTY HEALTH DEPARTMENT 62

PASADENA
SITE 01 862 EAST VILLA STREET TYPE- RC COUNTY-LOS ANGELES
05 5760 01 L A COUNTY AIR POLLUTION CONTROL DISTRICT 5

SAN DIEGO
SITE 01 CITY PUBLIC LIBRARY 820 E STREET TYPE- C COUNTY-SAN DIEGO
05 6800 01 COUNTY DEPARTMENT OF PUBLIC HEALTH 42

SAN FRANCISCO
SITE 01 HEALTH DEPT BUILDING 101 GROVE STREET TYPE- C COUNTY-SAN FRANCISCO
05 6960 01 SAN FRANCISCO HEALTH DEPARTMENT 32

COLORADO
DENVER
SITE 01 SCHOOL ADMINISTRATION BLDG 414 14TH ST TYPE- C COUNTY-DENVER
06 0580 01 COLORADO STATE HEALTH DEPARTMENT 50

MESA VERDE NAT PK
SITE 01 CHAPIN MESA MESA VERDE NATIONAL PARK TYPE- N MESA VERDE NAT PARK
06 1600 01 NATIONAL PARK SERVICE 21

CONNECTICUT
HARTFORD
SITE 01 10 CLINTON ST (ROOF OF LAB DIV BLDG) TYPE- C COUNTY-HARTFORD
07 0420 01 CONNECTICUT STATE DEPT OF HEALTH LABORATORY DIVISION 60

NEW HAVEN
SITE 01 BULLARD BUILDING 270 ORANGE STREET TYPE- C COUNTY-NEW HAVEN
07 0700 01 DEPARTMENT OF HEALTH CITY OF NEW HAVEN 72

DELAWARE
KENT COUNTY
SITE 01 HQ BLDG, BOMBAY HOOK NATL WILDLIFE REFUGE TYPE- N BOMBAY HOOK NAT REFUGE
08 0060 01 AIR POLLUTION AUTHORITY STATE BOARD OF HEALTH 11

NEWARK
SITE 01 INSECTORY EXPERM FARM 521 S COLLEGE AVE TYPE- IRC COUNTY-NEW CASTLE
08 0140 01 AIR POLLUTION AUTHORITY STATE BOARD OF HEALTH 14

WILMINGTON
SITE 01 PUBLIC BUILDING 1000 KING STREET TYPE- IRC COUNTY-NEW CASTLE
08 0260 01 CITY DEPARTMENT OF HEALTH 44

DC
WASHINGTON
SITE 01 MUNICIPAL BLDG 301 INDIANA AVE N W TYPE- RC COUNTY-DST OF COLUMBIA
09 0020 01 DISTRICT OF COLUMBIA DEPARTMENT OF PUBLIC HEALTH 85

GEORGIA
ATLANTA
SITE 01 FULTON COUNTY HEALTH DEPT 99 BUTLER ST SE TYPE- IC COUNTY-FULTON
11 0200 01 FULTON COUNTY HEALTH DEPARTMENT 20

HAWAII
HONOLULU
SITE 01 STATE DEPT HLTH BLDG 1250 PUNCH BOWL ST TYPE- RC COUNTY-HONOLULU
12 0120 01 STATE DEPARTMENT OF HEALTH 40

IDAHO
BOISE
SITE 01 CENTRAL FIRE STATION 5TH + IDAHO STS TYPE- C COUNTY-ADA
13 0220 01 CITY-COUNTY HEALTH DEPARTMENT 50

BUTTE COUNTY
SITE 01 H D AREA CRATERS OF THE MOON NATL MON TYPE- N CRATERS OF MOON NAT MON
13 0340 01 NATIONAL PARK SERVICE 6

ILLINOIS
CHICAGO
SITE 01 CITY OFFICE BLDG 320 NORTH CLARK STREET TYPE- C COUNTY-COOK
14 1220 01 CHICAGO DEPARTMENT OF AIR POLLUTION CONTROL 100

EAST ST LOUIS
SITE 01 STADIUM MOTOR HOTEL 435 BROADWAY TYPE- IC COUNTY-ST CLAIR
14 2120 01 EAST SIDE HEALTH DISTRICT 90

ROCKFORD
SITE 01 OLD CITY HALL 126 SOUTH FIRST STREET TYPE- IRC COUNTY-WINNEBAGO
14 6680 01 CITY DEPARTMENT OF PUBLIC HEALTH 30

SPRINGFIELD
SITE 01 MUNICIPAL BLDG 8TH STREET AT MONROE TYPE- IRC COUNTY-SANGAMON
14 7280 01 DEPARTMENT OF PUBLIC HEALTH + SAFETY 20

INDIANA
EAST CHICAGO
SITE 01 CENTRAL FIRE STATION 450 E COLUMMUS DR TYPE- I COUNTY-LAKE
15 1180 01 CITY BUREAU OF AIR POLLUTION CONTROL 35

HAMMOND
SITE 01 GOLDBLATT BROS DEPT STORE 5206 HOHMAN AVE TYPE- RC COUNTY-LAKE
15 1780 01 CITY HEALTH DEPARTMENT 55

INDIANAPOLIS
SITE 01 FIRE STATION NO 301 EAST NEW YORK STREET TYPE- C COUNTY-MARION
15 4040 01 CITY BUREAU OF AIR POLLUTION CONTROL 35

MONROE COUNTY
SITE 01 POLLING CABIN PT 3 (MARTINSVILLE) TYPE- N M MONROE STATE FOREST
15 2800 01 AIR POLL CONT SECT DIV SAN ENG IND ST BOARD OF HEALTH 5

MUNCIE
SITE 01 214 EAST WASHINGTON STREET POLICE GARAGE TYPE- C COUNTY-DELAWARE
15 2920 01 CITY OF MUNCIE 50

NEW ALBANY
SITE 02 CITY:COUNTY BUILDING TYPE- IRC COUNTY-FLOYD
15 2980 02 NEW ALBANY : FLOYD COUNTY HEALTH DEPARTMENT 50

PARKE COUNTY
SITE 01 TURKEY RUN STATE PARK TYPE- N TURKEY RUN STATE PARK
15 3260 01 STATE DEPARTMENT OF CONSERVATION 7

SOUTH BEND
SITE 01 PICK OLIVER HOTEL WASH + MAIN STREET TYPE- C COUNTY-ST JOSEPH
15 3880 01 CITY DEPARTMENT OF ENGINEERING 80

TERRE HAUTE
SITE 01 FEDERAL BLDG 7TH + CHERRY STREETS TYPE- C COUNTY-VIGO
15 4080 01 CITY DEPARTMENT OF SMOKE SUPERVISION + INSPECTION 60

IOWA
CEDAR RAPIDS
SITE 01 CENTRAL FIRE STATION 427 1ST ST S E TYPE- IRC COUNTY-LINN
16 0640 01 DEPARTMENT OF PUBLIC HEALTH 32

DAVENPORT
SITE 01 FIRE STATION 331 SCOTT TYPE- IRC COUNTY-SCOTT
16 1060 01 CITY BOARD OF HEALTH 30

DES MOINES
SITE 01 CENTRAL FIRE STA-NO 1 9TH + MULBERRY ST TYPE- IRC COUNTY-POLK
16 1180 01 DES MOINES-POLK COUNTY HEALTH DEPARTMENT 32

DUBUQUE
SITE 01 CITY GARAGE 16TH + ELM STREETS TYPE- IC COUNTY-DUBUQUE
16 1260 01 CITY OF DUBUQUE 21

KANSAS
KANSAS CITY
SITE 01 FIRE HEADQUARTERS SIXTH + ANN AVENUES TYPE- C COUNTY-WYANDOTTE
17 1800 01 KANSAS CITY-WYANDOTTE COUNTY HEALTH DEPARTMENT 34

TOPEKA
SITE 01 CITY BUILDING 215 EAST SEVENTH STREET TYPE- IRC COUNTY-SHAWNEE
17 3560 01 TOPEKA-SHAWNEE COUNTY HEALTH DEPARTMENT 62

WICHITA
SITE 01 FIRE STATION NO 1 402 NORTH WATER ST TYPE- C COUNTY-SEDGWICK
17 3740 01 WICHITA-SEDGWICK COUNTY DEPARTMENT OF PUBLIC HEALTH 35

KENTUCKY
ASHLAND
SITE 01 KENTUCKY POWER CO 340 - 15TH STREET TYPE- C COUNTY-BOYD
18 0080 01 ASHLAND - BOYD COUNTY HEALTH DEPARTMENT 52

COVINGTON
SITE 01 GAS COMP BLDG - 1 BLK N 7TH + SCOTT TYPE- IRC COUNTY-KENTON
18 0800 01 COVINGTON-KENTON HEALTH DEPARTMENT 42

LEXINGTON
SITE 01 COLL OF PHARMACY WASHINGTON + GLAD TYPE- RC COUNTY-FAYETTE
18 2300 01 UNIVERSITY COLLEGE OF PHARMACY 41

LOUISVILLE
SITE 01 CITY POLICE HQ 633 W JEFFERSON ST TYPE- C COUNTY-JEFFERSON
18 2380 01 JEFFERSON COUNTY AIR POLLUTION CONTROL DISTRICT 35

LOUISIANA
NEW ORLEANS
SITE 02 CIVIL COURTS BLDG ROOF 427 LOYOLA AVE TYPE- C COUNTY-ORLEANS
19 2020 02 LOUISIANA STATE BOARD OF HEALTH 72

MAINE
ACADIA NAT PK
SITE 01 SEAWALL AREA OF PARK TYPE- N ACADIA NATIONAL PARK
20 0500 01 NATIONAL PARK SERVICE 15

MARYLAND
BALTIMORE
SITE 01 FIRE DEPT HQ BLDG 410 E LEXINGTON STREET TYPE- C COUNTY-BALTIMORE CITY
21 0120 01 CITY HEALTH DEPARTMENT 32

CALVERT COUNTY
SITE 01 SOLOMONS ISLAND TYPE- N SOLOMONS ISLAND
21 0280 01 MARYLAND STATE DEPARTMENT OF HEALTH 10

MICHIGAN
DETROIT
SITE 01 PUBLIC LIBRARY 5201 WOODWARD AVENUE TYPE- C COUNTY-WAYNE
23 1180 01 CITY BUREAU OF AIR POLLUTION CONTROL 90

FLINT
SITE 01 FIRE STATION ROOF DETROIT ST + 4TH AVENUE TYPE- C COUNTY-GENESEE
23 1580 01 CITY DEPARTMENT OF PUBLIC WORKS + UTILITIES 50

GRAND RAPIDS
SITE 01 MICHIGAN TITLE COMPANY 320 OTTAWA AVENUE TYPE-IRC COUNTY-KENT
23 1820 01 CITY DEPARTMENT OF AIR POLLUTION 25

MINNESOTA
DULUTH
SITE 01 CITY HALL FOURTH AVENUE WEST + FIRST ST TYPE- IRC COUNTY-ST LOUIS
24 1040 01 CITY DEPARTMENT OF PUBLIC HEALTH 63

MINNEAPOLIS
SITE 01 MINN DEPT OF HEALTH BLDG 717 DELAWARE SE TYPE- C COUNTY-HENNEPIN
24 2260 01 CITY OF MINNEAPOLIS AIR POLLUTION CONTROL DIVISION 97

MOORHEAD
SITE 01 OLD POST OFFICE BLDG 521 MAIN AVENUE TYPE- C COUNTY-CLAY
24 2320 01 CITY OF MOORHEAD 28

ST PAUL
SITE 01 PUBLIC UTILITIES BLDG 100 EAST 10TH ST TYPE- IC COUNTY-RAMSEY
24 3300 01 SMOKE ABATEMENT BOARD CITY DEPARTMENT OF PUBLIC UTILITIES 43

MISSISSIPPI
JACKSON
SITE 01 2423 NORTH STATE STREET TYPE- C COUNTY-HINDS
25 1260 01 DEPARTMENT OF HEALTH 35

JACKSON COUNTY
SITE 01 GULF COAST RESEARCH LAB OCEAN SPRINGS TYPE- N GULF COAST RESEARCH LAB
25 1280 01 GULF COAST RESEARCH LAB INSTITUTIONS OF HIGHER LEARNING 8

MISSOURI
KANSAS CITY
SITE 01 ROOF OF POLICE GARAGE NO 2 13TH + OAK ST TYPE- C COUNTY-JACKSON
26 2380 01 CITY DEPARTMENT OF PUBLIC HEALTH 12

ST LOUIS
SITE 01 P O BUILDING 19TH + MARKET STREETS TYPE- C COUNTY-ST LOUIS CITY
26 4280 01 DIVISION AIR POLLUTION CONTROL CITY DEPT OF PUBLIC SAFETY 58

SHANNON COUNTY
SITE 01 EMINENCE FIRE CONTROL TOWER ST HWY 19 TYPE- N EMINENCE FIRE CONTROL TW
26 4480 01 MISSOURI STATE CONSERVATION COMMISSION + STATE HEALTH DEPARTMENT 100

MONTANA
GLACIER NAT PK
SITE 01 ST MARY RANGER STATION (HABB) TYPE- N GLAC NATL PK BOX 14
27 0560 01 NATIONAL PARK SERVICE 3

HELENA
SITE 01 STATE LAB BLDG LOCKEY AV + N ROB STREETS TYPE- RC COUNTY-LEWIS + CLARK
27 0720 01 STATE BOARD OF HEALTH 25

NEBRASKA
OMAHA
SITE 01 CITY HALL 18TH + FARNAM STREETS TYPE- IC COUNTY-DOUGLAS
28 1880 01 SMOKE ABATEMENT DIVISION CITY DEPARTMENT OF PUBLIC SAFETY 110

THOMAS COUNTY
SITE 01 BESSEY NURSERY NEBRASKA NATIONAL FOREST TYPE- N NEBRASKA NATIONAL FOREST
28 2480 01 UNITED STATES FOREST SERVICE 5

NEVADA
LAS VEGAS
SITE 01 FIRE ALARM BLDG 2ND + STEWART STREETS TYPE- IC COUNTY-CLARK
29 0320 01 CLARK COUNTY DISTRICT HEALTH DEPARTMENT 42

RENO
SITE 01 COUNTY-CITY HLTH DEPT 10 KIRMAN STREET TYPE- RC COUNTY-WASHOE
29 0480 01 CITY-COUNTY DISTRICT HEALTH DEPARTMENT 20

WHITE PINE COUNTY
SITE 01 LEHMAN CAVES NATIONAL MONUMENT TYPE- N LEHMAN CAVES NATL MON
29 0560 01 NATIONAL PARK SERVICE 3

NEW HAMPSHIRE
CONCORD
SITE 01 61 SOUTH SPRING STREET TYPE- RC COUNTY-MERRIMACK
30 0120 01 STATE DEPARTMENT OF HEALTH + WELFARE 30

COOS COUNTY
SITE 01 U S FISH CUL STA WHITE MT NAT FOR TYPE- N WHITE MOUNTAIN NAT FOR
30 0140 01 UNITED STATES FISH + WILDLIFE SERVICE 0

NEW JERSEY
BAYONNE
SITE 01 BAYONNE HOSPITAL RD 29TH STREET TYPE- IR COUNTY-HUDSON
31 0180 01 BAYONNE DEPARTMENT OF HEALTH 50

BURLINGTON COUNTY
SITE 02 J KANE NURSERY 2102 MARLTON PIKE TYPE- RC COUNTY-BURLINGTON
31 0460 02 CHERRY HILL BOARD OF HEALTH 12

CAMDEN
SITE 01 FIRE STATION 3RD + FEDERAL STREETS TYPE- IRC COUNTY-CAMDEN
31 0720 01 BUREAU OF FIRE DEPARTMENT OF PUBLIC SAFETY 30

GLASSBORO
SITE 01 ROSS HART HALL GLASSBORO STATE COLLEGE TYPE- RC COUNTY-GLOUCESTER
31 1700 01 STATE OF NEW JERSEY 40

JERSEY CITY
SITE 01 MEDICAL CENTER GARAGE BLDG CORNELISON AV TYPE- IR COUNTY-HUDSON
31 2320 01 CITY BOARD OF HEALTH 85

NEWARK
SITE 01 920 BROAD STREET CITY HALL TYPE- IC COUNTY-ESSEX
31 3480 01 CITY DEPARTMENT OF HEALTH + WELFARE 65

PATERSON
SITE 01 BOARD OF HEALTH ROOF-MILL + PASSAIC STS TYPE- IC COUNTY-PASSAIC
31 4140 01 PATERSON BOARD OF HEALTH 32

PERTH AMBOY
SITE 01 HEALTH DEPT 260 HIGH STREET TYPE- R COUNTY-MIDDLESEX
31 4220 01 BUREAU OF AIR POLLUTION CONTROL 15

TRENTON
SITE 01 COURT HOUSE (STATE HOUSE* TYPE- IRC COUNTY-MERCER
31 5400 01 BUREAU OF ADULT + OCCUPATIONAL HEALTH 60

NEW MEXICO
ALBUQUERQUE
SITE 01 100 BLOCK AT TIJERAS AVE NE TYPE- IRC COUNTY-BERNALILLO
32 0040 01 ALBUQUERQUE DEPARTMENT OF ENVIRONMENTAL HEALTH 42

RIO ARRIBA COUNTY
SITE 01 WEST OF WATER FILTER PLANT TYPE- N WATER FILTER PLANT
32 0920 01 RIO ARRIBA COUNTY 7

NEW YORK
JEFFERSON COUNTY
SITE 01 FOG SIGNAL BLDG TIBBETTS PT LIGHT STA TYPE- N CAPE VINCENT
33 3340 01 UNITED STATES COAST GUARD 18

NEW YORK CITY
SITE 01 HARLEM COURT HOUSE 170 EAST 121 STREET TYPE- RC COUNTY-BRONX
33 4680 01 DEPARTMENT OF AIR POLLUTION CONTROL 75

NORTH CAROLINA
CHARLOTTE
SITE 01 600 EAST TRADE STREET TYPE- C COUNTY-MECKLENBURG
34 0700 01 CITY HEALTH DEPARTMENT 62

CAPE HATTERAS
SITE 01 BODIE ISLAND CAPE HATTERAS REC AREA TYPE- N CAPE HATTERAS
34 1020 01 NATIONAL PARK SERVICE 7

OHIO
AKRON
SITE 01 FIRE STATION NO 4 821 COBURN STREET TYPE- IRC COUNTY-SUMMIT
36 0060 01 CITY DEPARTMENT OF HEALTH 30

CINCINNATI
SITE 01 PUBLIC LIBRARY BUILDING 800 VINE STREET TYPE- C COUNTY-HAMILTON
36 1220 01 BUR OF AIR POLL CONTROL AND HEATING INSP CITY DEPT OF SAFETY 80

CLEVELAND
SITE 01 CLEVELAND HEALTH MUSEUM 8911 EUCLID AVE TYPE- C COUNTY-CUYAHOGA
36 1300 01 CITY DEPARTMENT OF HEALTH + WELFARE 50

COLUMBUS
SITE 01 HLTH + SAFETY CENTER 181 S WASH BLVD TYPE- IC COUNTY-FRANKLIN
36 1460 01 CITY DIV OF SMOKE REGULATION + INSP DEPT OF PUBLIC SAFETY 62

DAYTON
SITE 01 MUNICIPAL BUILDING 101 W THIRD STREET TYPE- I COUNTY-MONTGOMERY
36 1660 01 CITY BUR OF COMBUSTION CONTROL CITY DIV OF BUILDING INSPECT 88

TOLEDO
SITE 01 WATER DEPARTMENT GARAGE 565 N ERIE ST TYPE- IC COUNTY-LUCAS
36 6600 01 DIV OF AIR AND WATER POLL CONTROL CITY DEPT OF PUBLIC SERVICE 24

YOUNGSTOWN
SITE 01 CITY HALL BOARDMAN + PHELPS STREETS TYPE- IC COUNTY-MAHONING
36 7760 01 DIVISION OF ENGINEERING CITY DEPARTMENT OF PUBLIC WORKS 105

OKLAHOMA
CHEROKEE COUNTY
SITE 01 TAHLEQUAH CITY WATER PLANT TYPE- N TAHLEQUAH CITY WATER PLA
37 0480 01 CHEROKEE COUNTY HEALTH DEPARTMENT 4

OKLAHOMA CITY
SITE 01 MUNIC BLDG 200 N WALKER ST + COUCH DR TYPE- C COUNTY-OKLAHOMA
37 2200 01 CITY-COUNTY HEALTH DEPARTMENT 77

TULSA
SITE 01 TULSA CITY-COUNTY HEALTH DEPARTMENT TYPE- R COUNTY-TULSA
37 3000 01 TULSA CITY-COUNTY HEALTH DEPARTMENT 27

OREGON
CURRY COUNTY
SITE 01 CAPE BLANCO LIGHT STATION P O BOX N (SIXE TYPE- N P O BOX N (SIXES)
38 0440 01 UNITED STATES COAST GUARD 3

EUGENE
SITE 01 LANE CO COURTHOUSE 7TH AVE + OAK ST TYPE- IRC COUNTY-LANE
38 0560 01 STATE SANITARY AUTHORITY STATE BOARD OF HEALTH 50

MEDFORD
SITE 01 JACKSON CO CT HOUSE ANX 10 S OAKDALE ST TYPE- RC COUNTY-JACKSON
38 1160 01 STATE SANITARY AUTHORITY STATE BOARD OF HEALTH 40

PORTLAND
SITE 01 STATE OFFICE BUILDING 1400 SW 5TH AVE TYPE- C COUNTY-MULTNOMAH
38 1460 01 STATE SANITARY AUTHORITY STATE BOARD OF HEALTH 125

PENNSYLVANIA
ALLENTOWN
SITE 01 635 LINDEN STREET + 435 HAMILTON STREET TYPE- C COUNTY-LEHIGH
39 0120 01 BI-CITY HEALTH UNIT 83

ALTOONA
SITE 01 CITY HALL 12TH STREET + 13TH AVENUE TYPE- RC COUNTY-BLAIR
39 0140 01 CITY DEPARTMENT OF WATER PARKS + PUBLIC PROPERTY 70

BETHLEHEM
SITE 01 CITY HALL 53 EAST BROAD STREET TYPE- C COUNTY-NORTHUMBERLAND
39 0780 01 CITY BUREAU OF HEALTH 45

CLARION COUNTY
SITE 01 COOK FOREST STATE PARK TYPE- N COOK FOREST STATE PARK
39 1760 01 STATE DEPARTMENT OF FORESTS + WATERS 24

LANCASTER
SITE 01 BUCHART OFFICE BLDG 914 COLUMBIA AVENUE TYPE- IC COUNTY-LANCASTER
39 4660 01 STATE DEPARTMENT OF HEALTH 35

PHILADELPHIA
SITE 01 A P C LABORATORY 3200 FRANKFORD AVE TYPE- I COUNTY-PHILADELPHIA
39 7140 01 DIV OF AIR POLL CONTROL + ENV SANITATION DEPT OF PUB HLTH 27

PITTSBURGH
SITE 01 COUNTY OFFICE BLDG FORBES AVE AT ROSS ST TYPE- C COUNTY-ALLEGHENY
39 7260 01 BUREAU OF AIR POLL CONTROL ALLEGHENY COUNTY DEPT OF HEALTH 160

READING
SITE 01 CITY HALL 8TH + WASHINGTON STREETS TYPE- IRC COUNTY-BERKS
39 7620 01 CITY BUREAU OF HEALTH 40

WARMINSTER
SITE 01 TREATMENT CONTROL BLDG LOG CABIN DRIVE TYPE- R COUNTY-BUCKS
39 9180 01 STATE DEPARTMENT OF HEALTH 14

WEST CHESTER
SITE 01 PLANT CONTROL BLDG RT 3 + WESTTOWN WAY TYPE- R COUNTY-CHESTER
39 9280 01 STATE DEPARTMENT OF HEALTH 10

YORK
SITE 01 LAUREL FIRE CO BLDG DUKE + KING STS TYPE- C COUNTY-YORK
39 9560 01 CITY DEPARTMENT OF HEALTH 40

PUERTO RICO
BAYAMON
SITE 01 FORT BUCHANAN WAREHOUSE #616 TYPE- IS
40 0380 01 PUERTO RICO DEPARTMENT OF HEALTH 25

GUAYANILLA
SITE 01 PUBLIC SCHOOL LUNCH ROOM BO MACANA TYPE- N
40 1080 01 PUERTO RICO DEPARTMENT OF HEALTH 9

PONCE
SITE 01 LOPEZ MEMORIAL CEMENTARIO ST NO 20 TYPE- RC
40 1920 01 PONCE DISTRICT HOSPITAL 19

RHODE ISLAND
EAST PROVIDENCE
SITE 01 CENTRAL JR HIGH SCHOOL TAUTON AVENUE TYPE- RC COUNTY-PROVIDENCE
41 0120 01 PROVIDENCE HEALTH DEPARTMENT 48

PROVIDENCE
SITE 01 POLICE HQ BLDG FOUNT STREET AT LASALLE SQ TYPE- IRC COUNTY-PROVIDENCE
41 0300 01 CITY DEPARTMENT OF BUILDING INSPECTION 45

WASHINGTON COUNTY
SITE 01 PINE HILL FIRE TOWER (EXETER) TYPE- N PINE HILL FIRE TOWER
41 0380 01 STATE DEPARTMENT OF AGRICULTURE + CONSERVATION 19

SOUTH CAROLINA
COLUMBIA
SITE 01 1600 ASSEMBLY STREET TYPE- C COUNTY-RICHLAND
42 0760 01 SOUTH CAROLINA POLLUTION CONTROL AUTHORITY 27

GREENVILLE
SITE 01 CTY CURB MARKET ELFORD+MAIN STS TYPE- C COUNTY-GREENVILLE
42 1180 01 SOUTH CAROLINA POLLUTION CONTROL AUTHORITY 20

RICHLAND COUNTY
SITE 01 LIVESTOCK LAB CLEMSON COLL EXPER STA TYPE- N CLEMSON COLL EXP STA
42 1900 01 CLEMSON AGRICULTURE COLLEGE + U S DEPT OF AGRICULTURE 440

SOUTH DAKOTA
BLACK HILLS NAT FOR
SITE 01 TEPEE WORK CENTER BLACK HILLS NATL FOREST TYPE- N BLACK HILLS NATL FOREST
43 0420 01 U S FOREST SERVICE 2

SIOUX FALLS
SITE 01 CITY HALL 424 WEST 9TH TYPE- IRC COUNTY-MINNEHAHA
43 1480 01 CITY HEALTH DEPARTMENT 44

TENNESSEE
CHATTANOOGA
SITE 01 U S POST OFFICE 9TH ST + GEORGIA AVE TYPE- C COUNTY-HAMILTON
44 0380 01 BUREAU OF AIR POLLUTION CONTROL + BOILER INSPECTION 85

KNOXVILLE
SITE 01 MASONIC TEMPLE 505 LOCUST STREET TYPE- IRC COUNTY-KNOX
44 1740 01 DIV OF SMOKE REG + BOILER INSPECTION CITY DEPT OF PUB SAFETY 70

MEMPHIS
SITE 01 HEALTH DEPT BLDG 814 JEFFERSON STREET TYPE- C COUNTY-SHELBY
44 2340 01 MEMPHIS-SHELBY COUNTY HEALTH DEPARTMENT 35

NASHVILLE
SITE 01 CITY-COUNTY BUILDING PUBLIC SQUARE TYPE- IRC COUNTY-DAVIDSON
44 2540 01 BUREAU OF INSPECTION + PERMITS CITY DEPT OF PUBLIC WORKS 90

TEXAS
DALLAS
SITE 01 CITY HALL 2015 COMMERCE STREET TYPE- C COUNTY-DALLAS
45 1310 01 CITY HEALTH DEPARTMENT 55

HOUSTON
SITE 01 SAM HOUSTON COLISEUM 810 BAGBY STREET TYPE- C COUNTY-HARRIS
45 2560 01 CITY HEALTH DEPARTMENT 50

MATAGORDA COUNTY
SITE 01 COLORADO RIVER LOCKS TYPE- N COLORADO RIVER LOCKS
45 3530 01 MATAGORDA COUNTY HEALTH DEPARTMENT 4

PASADENA
SITE 01 ROOF OF CITY HALL 1211 E SOUTHMORE TYPE- C COUNTY-HARRIS
45 4060 01 HEALTH DEPARTMENT OF PASADENA 15

SAN ANTONIO
SITE 01 COPPORATION COURT 302 S LAREDO TYPE- C COUNTY-BEXAR
45 4570 01 SAN ANTONIO METROPOLITAN HEALTH DISTRICT 15

UTAH
OGDEN
SITE 01 2570 GRANT AVENUE TYPE- RC COUNTY-WEBER
46 0680 01 WEBER COUNTY HEALTH DEPARTMENT 15

SALT LAKE CITY
SITE 01 HEALTH DEPT BLDG 610 SOUTH 2ND EAST TYPE- IRC COUNTY-SALT LAKE
46 0920 01 STATE DEPARTMENT OF HEALTH 30

VERMONT
BURLINGTON
SITE 01 STATE HLTH BLDG 115 COLCHESTER AVENUE TYPE- IRC COUNTY-CHITTENDEN
47 0140 01 STATE DEPARTMENT OF HEALTH 26

ORANGE COUNTY
SITE 01 VERMONT AGR + TECH NST RANDOLPH CENTER TYPE- N VERMONT AGR + TECH INS
47 0360 01 STATE DEPARTMENT OF HEALTH 35

VIRGINIA
DANVILLE
SITE 01 427 PATTON STREET TYPE- I COUNTY-PITTSYLVANIA
48 0920 01 CITY HEALTH DEPARTMENT 60

HAMPTON
SITE 01 VA ELEC POWR CO OFF BLD PEMBROKE + G ST TYPE- IRC COUNTY-DINWIDDIE
48 1440 01 CITY HEALTH DEPARTMENT 33

LYNCHBURG
SITE 01 CITY HALL 917 CHURCH STREET TYPE- C COUNTY-CAMPBELL
48 1840 01 CITY WATER DEPARTMENT 20

NORFOLK
SITE 01 CITY SOCIAL SERV BLDG 435 E PLUM STREET TYPE- C COUNTY-NORFOLK
48 2140 01 CITY HEALTH DEPARTMENT 5

SHENANDOAH NAT PK
SITE 01 PARK ADMINISTRATION BUILDING TYPE- N SHENANDOAH NAT PARK
48 2320 01 NATIONAL PARK SERVICE 100

PORTSMOUTH
SITE 01 ROOF OF CITY HLTH BLDG, 401 S GREEN ST TYPE- C COUNTY-ISLE OF WIGHT
48 2440 01 PORTSMOUTH CITY HEALTH DEPARTMENT 16

RICHMOND
SITE 01 MOSQUE BLDG LAUREL + MAIN STREETS TYPE- RC COUNTY-HENRICO
48 2660 01 CITY DIV OF AIR POLLUTION CONTROL CITY DEPT OF PUBLIC SAFETY 85

ROANOKE
SITE 01 HEALTH CENTER 515 8TH STREET S W TYPE- IC COUNTY-ROANOKE
48 2700 01 CITY DEPARTMENT OF AIR POLLUTION CONTROL 30

WASHINGTON
SEATTLE
SITE 01 PUBLIC SAFETY BUILDING 604-THIRD AVENUE TYPE- C COUNTY-KING
49 1840 01 PUGET SOUND AIR POLLUTION CONTROL AGENCY 80

WEST VIRGINIA
CHARLESTON
SITE 01 STATE PARKING BUILDING 212 CALIFORNIA TYPE- RC COUNTY-KANAWHA
50 0280 01 STATE DEPARTMENT OF HEALTH 80

WISCONSIN
DOOR COUNTY
SITE 01 GOLF C EQPMNT BLDG PENINSULA STATE PARK TYPE- N PENINSULA STATE PARK
51 0780 01 STATE CONSERVATION DEPARTMENT 0

KENOSHA
SITE 01 625-52ND STREET- VOCATIONAL SCHOOL TYPE- IRC COUNTY-KENOSHA
51 1540 01 CITY HEALTH DEPARTMENT 38

MADISON
SITE 01 CITY-COUNTY BUILDING 202 MONONA AVENUE TYPE- IC COUNTY-DANE
51 1860 01 CITY DEPARTMENT OF PUBLIC HEALTH 15

MILWAUKEE
SITE 01 PUBLIC LIBRARY N WELLS + N 9TH STS TYPE- IC COUNTY-MILWAUKEE
51 2200 01 MILWAUKEE COUNTY DEPARTMENT OF AIR POLLUTION CONTROL 60

WYOMING

CASPER				
SITE 01	CITY COUNTY BLDG CENTER + C STREETS	TYPE-	C	COUNTY-NATRONA
52 0120 01	CASPER:NATRONA COUNTY HEALTH DEPARTMENT			75
CHEYENNE				
SITE 01	STATE OFFICE BLDG 23RD + CENTRAL ACENUE	TYPE-	C	COUNTY-LARAMIE
52 0140 01	STATE DEPARTMENT OF PUBLIC HEALTH			53
YELLOWSTONE PARK				
SITE 01	SUPERINTENDENT MAMMOTH AREA OF PARK	TYPE-	N	MAMMOTH AREA OF PARK
52 0860 01	NATIONAL PARK SERVICE			11

☆ U. S. GOVERNMENT PRINTING OFFICE: 1972—746764/4121